

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065871.D
 Acq On : 23 Jun 2020 20:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:52:40 AM

Quant Time: Jun 24 06:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	157874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	258695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	255542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133889	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	88905	56.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.98%	
35) Dibromofluoromethane	7.92	113	86733	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
50) Toluene-d8	10.34	98	332672	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.64	95	114124	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	42280	38.946	ug/l	99
3) Chloromethane	2.21	50	100383	57.640	ug/l	99
4) Vinyl Chloride	2.35	62	118056	50.685	ug/l	99
5) Bromomethane	2.77	94	90698	55.680	ug/l	90
6) Chloroethane	2.92	64	89757	56.992	ug/l	97
7) Trichlorofluoromethane	3.27	101	121641	46.094	ug/l	94
8) Diethyl Ether	3.70	74	36576	52.717	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	73188	46.510	ug/l	97
10) Methyl Iodide	4.30	142	69335	45.248	ug/l	99
11) Tert butyl alcohol	5.22	59	25960	304.664	ug/l #	74
12) 1,1-Dichloroethene	4.06	96	66485	46.357	ug/l	99
13) Acrolein	3.92	56	19181	218.904	ug/l	96
14) Allyl chloride	4.71	41	118432	49.962	ug/l	95
15) Acrylonitrile	5.42	53	87675	278.225	ug/l	97
16) Acetone	4.16	43	75718	257.310	ug/l	93
17) Carbon Disulfide	4.41	76	212389	44.122	ug/l	99
18) Methyl Acetate	4.72	43	38955	59.371	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	177386	54.604	ug/l	98
20) Methylene Chloride	4.97	84	98265	64.137	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	82029	48.838	ug/l	91
22) Diisopropyl ether	6.36	45	280057	58.472	ug/l	96
23) Vinyl Acetate	6.30	43	807076	298.408	ug/l	99
24) 1,1-Dichloroethane	6.26	63	156950	53.782	ug/l	98
25) 2-Butanone	7.21	43	113678	279.719	ug/l	92
26) 2,2-Dichloropropane	7.21	77	126788	48.999	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	97791	54.125	ug/l	99
28) Bromochloromethane	7.54	49	67085	59.519	ug/l	97
29) Tetrahydrofuran	7.56	42	77372	301.230	ug/l	95
30) Chloroform	7.71	83	168283	55.634	ug/l	99
31) Cyclohexane	7.98	56	128918	46.081	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	145501	52.313	ug/l	97
36) 1,1-Dichloropropene	8.11	75	120684	48.700	ug/l	99
37) Ethyl Acetate	7.29	43	54880	56.224	ug/l	100
38) Carbon Tetrachloride	8.10	117	130203	49.924	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	138491	47.202	ug/l	99
40) Benzene	8.35	78	355377	52.457	ug/l	96
41) Methacrylonitrile	7.53	41	27169	46.745	ug/l #	71
42) 1,2-Dichloroethane	8.43	62	111834	54.710	ug/l	100
43) Isopropyl Acetate	8.45	43	109090	56.203	ug/l	99
44) Trichloroethene	9.11	130	93905	49.808	ug/l	98
45) 1,2-Dichloropropane	9.39	63	89481	52.566	ug/l	100
46) Dibromomethane	9.48	93	51169	55.425	ug/l	94
47) Bromodichloromethane	9.66	83	137201	55.459	ug/l	98
48) Methyl methacrylate	9.46	41	49839	53.047	ug/l	90
49) 1,4-Dioxane	9.47	88	11439	1164.093	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	278727	293.056	ug/l	97
52) Toluene	10.40	92	235206	53.432	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	124596	55.617	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	144901	54.766	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	69466	56.313	ug/l	96
56) Ethyl methacrylate	10.67	69	83347	57.444	ug/l	95
57) 1,3-Dichloropropane	10.95	76	119529	55.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	208051	308.425	ug/l	98
59) 2-Hexanone	10.98	43	191926	299.311	ug/l	100
60) Dibromochloromethane	11.14	129	92488	55.501	ug/l	98
61) 1,2-Dibromoethane	11.25	107	66101	54.526	ug/l	96
64) Tetrachloroethene	10.88	164	80472	46.570	ug/l	93
65) Chlorobenzene	11.67	112	253043	50.723	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	96973	52.148	ug/l	99
67) Ethyl Benzene	11.75	91	451100	50.617	ug/l	97
68) m/p-Xylenes	11.86	106	355123	103.450	ug/l	99
69) o-Xylene	12.18	106	160020	51.700	ug/l	98
70) Styrene	12.20	104	287445	53.647	ug/l	99
71) Bromoform	12.36	173	54642	53.360	ug/l #	98
73) Isopropylbenzene	12.48	105	445976	49.681	ug/l	98
74) N-amyl acetate	12.29	43	106263	53.208	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	78601	51.846	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	56636m	54.391	ug/l	
77) Bromobenzene	12.77	156	105135	49.501	ug/l	96
78) n-propylbenzene	12.83	91	532335	49.265	ug/l	99
79) 2-Chlorotoluene	12.91	91	296458	50.012	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	379216	50.764	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	25175	52.238	ug/l	99
82) 4-Chlorotoluene	13.01	91	315369	49.566	ug/l	99
83) tert-Butylbenzene	13.23	119	326710	50.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	383917	51.346	ug/l	99
85) sec-Butylbenzene	13.41	105	445791	49.420	ug/l	99
86) p-Isopropyltoluene	13.52	119	413350	49.995	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	212145	50.658	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	205979	49.445	ug/l	99
89) n-Butylbenzene	13.85	91	392318	49.753	ug/l	98
90) Hexachloroethane	14.12	117	82633	49.932	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	184737	51.258	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12891	51.093	ug/l	92

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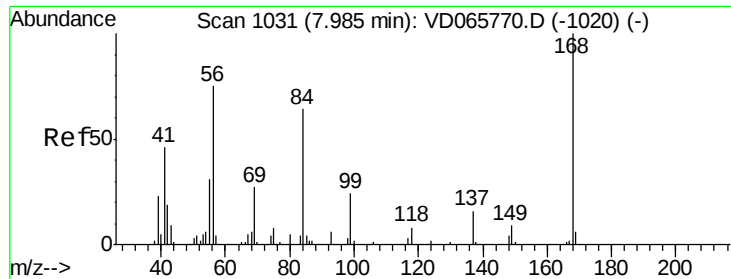
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	118754	48.461	ug/l	99
94) Hexachlorobutadiene	15.27	225	65712	44.359	ug/l	98
95) Naphthalene	15.41	128	212651	51.230	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	104330	49.432	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 157874

Ion Ratio Lower Upper

168 100

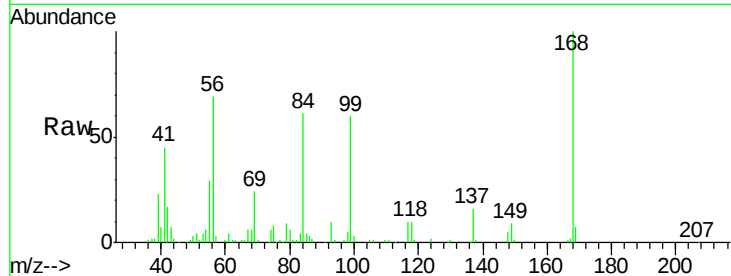
99 59.2 45.3 67.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

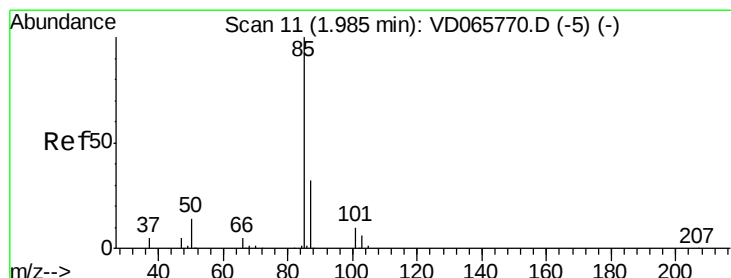
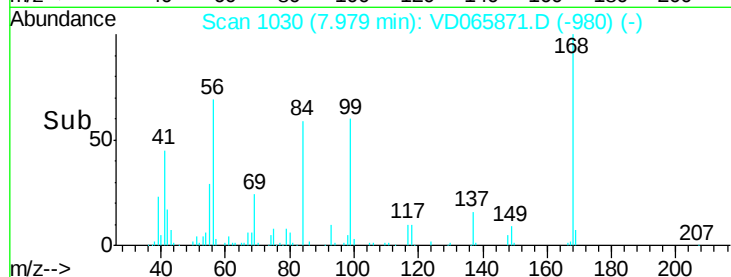
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 38.946 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065871.D

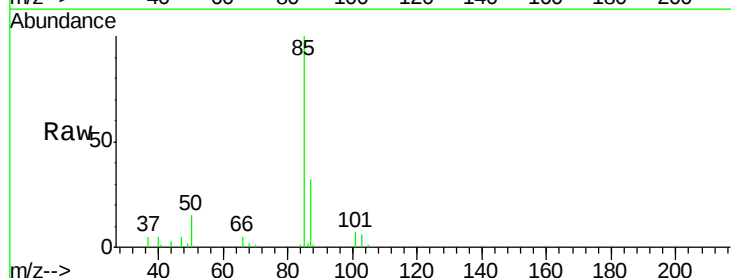
Acq: 23 Jun 2020 20:13

Tgt Ion: 85 Resp: 42280

Ion Ratio Lower Upper

85 100

87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

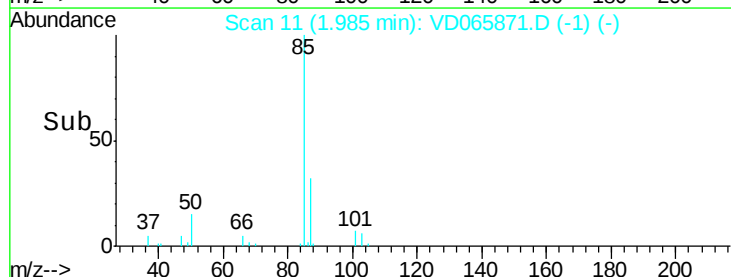
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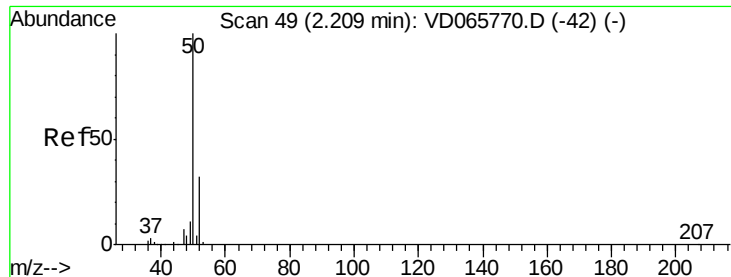
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 57.640 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 100383

Ion Ratio Lower Upper

50 100

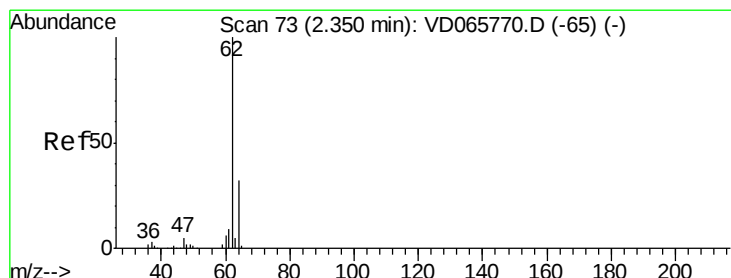
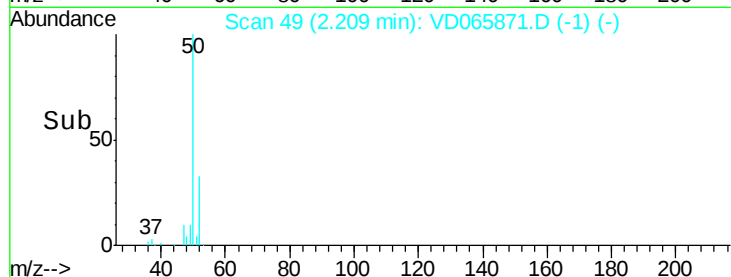
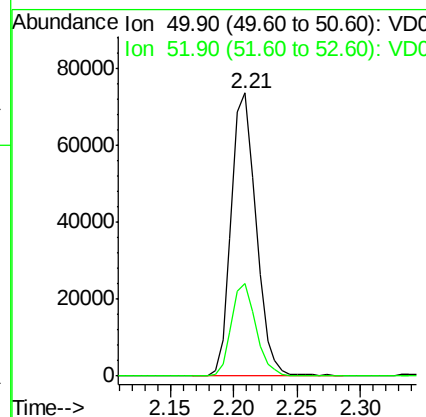
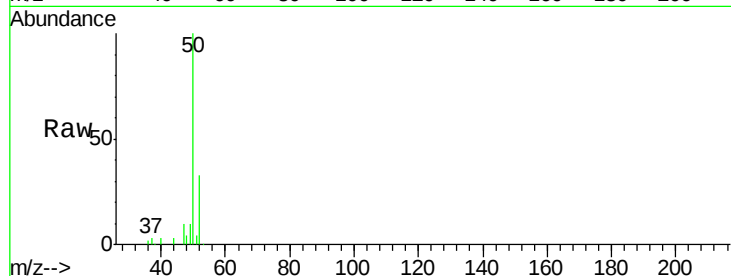
52 32.8 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.685 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065871.D

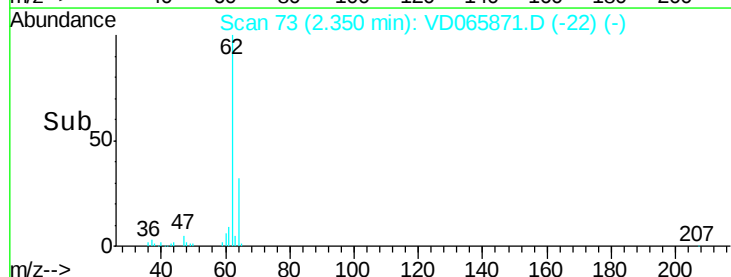
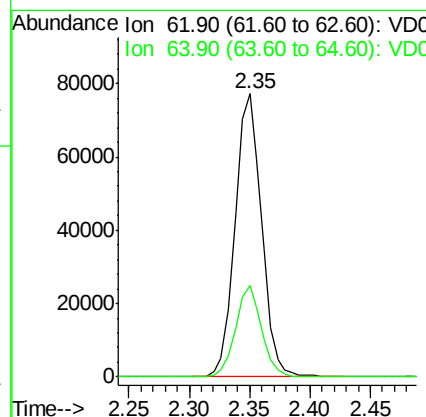
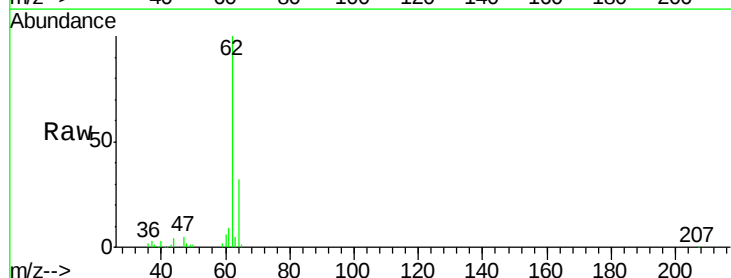
Acq: 23 Jun 2020 20:13

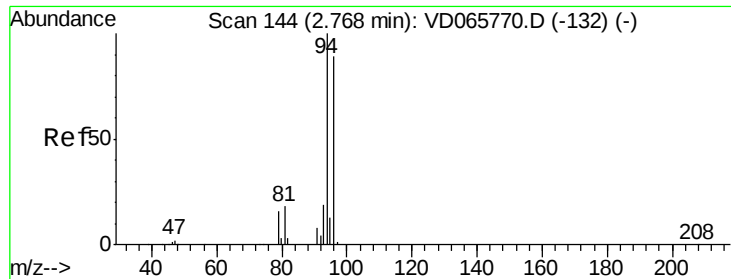
Tgt Ion: 62 Resp: 118056

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 55.680 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 90698

Ion Ratio Lower Upper

94 100

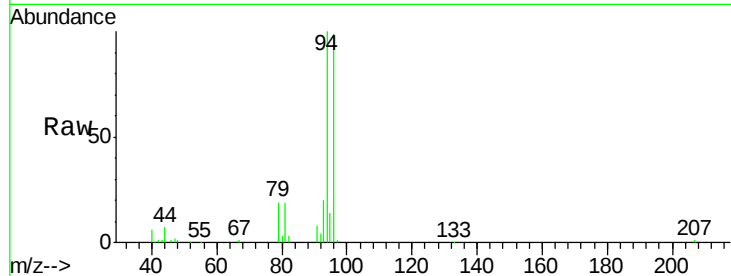
96 99.0 71.4 107.0

Manual Integrations

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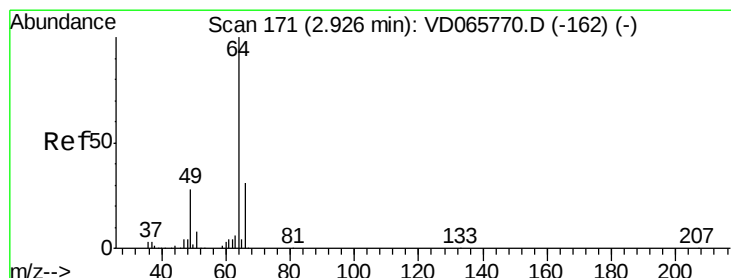
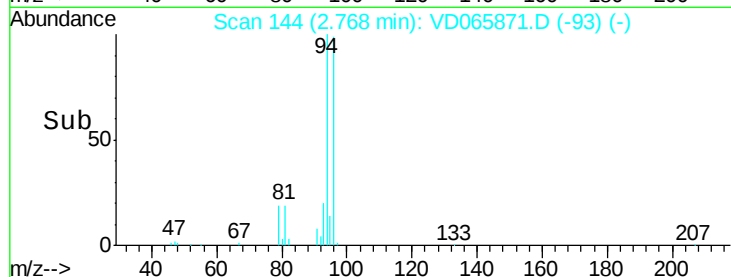
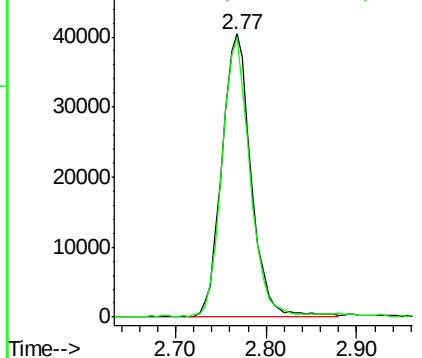
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 56.992 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065871.D

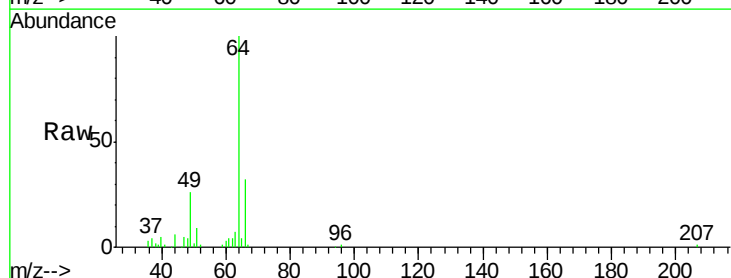
Acq: 23 Jun 2020 20:13

Tgt Ion: 64 Resp: 89757

Ion Ratio Lower Upper

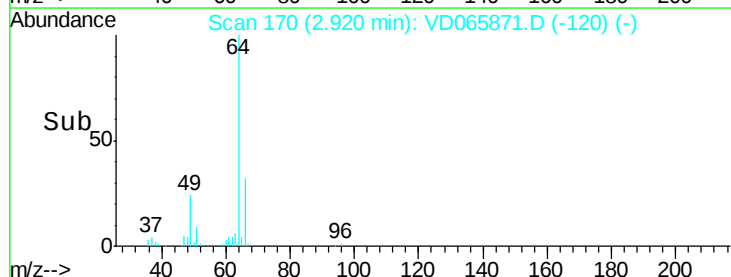
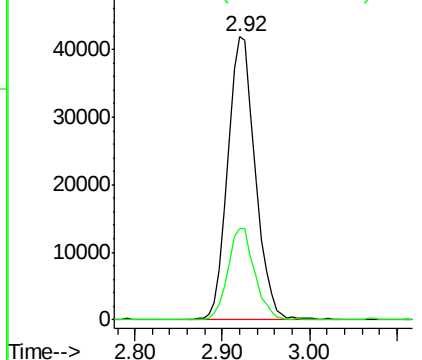
64 100

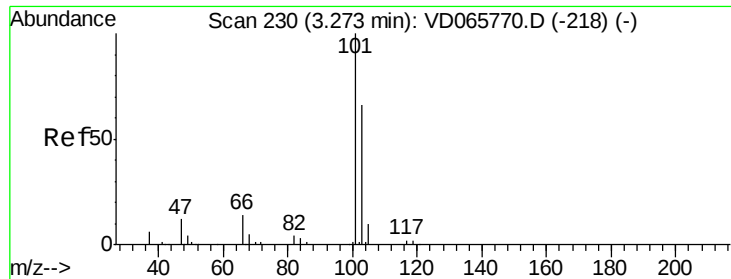
66 32.5 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

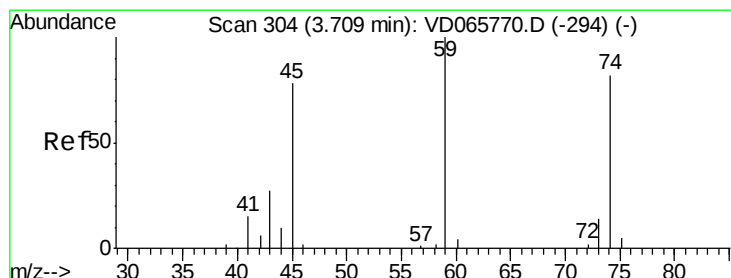
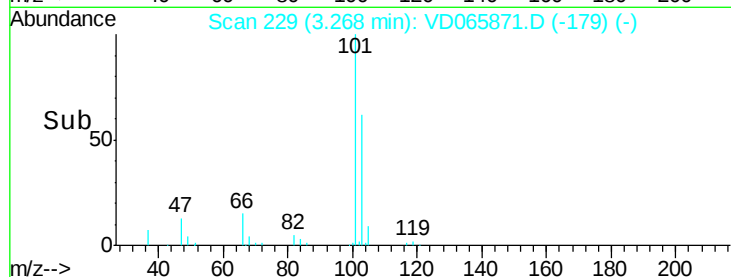
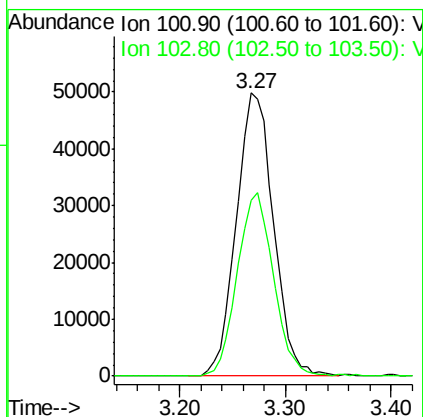
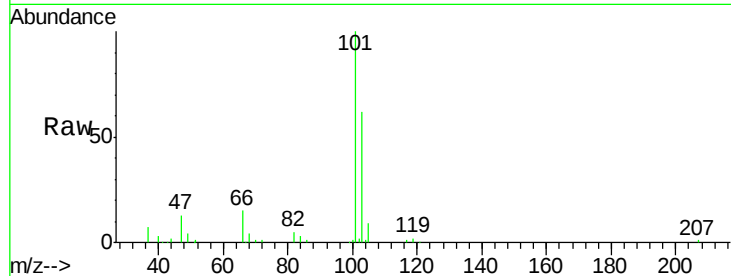
Trichlorofluoromethane
 Concen: 46.094 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065871.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	53.1	79.7

Manual Integrations
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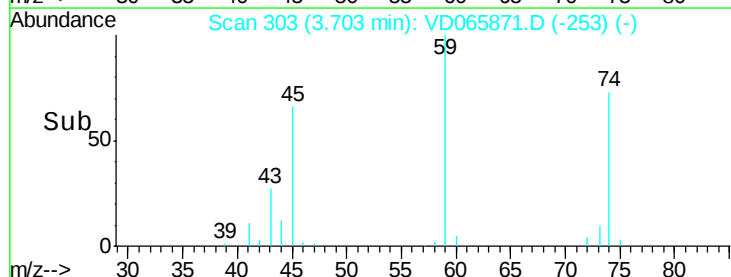
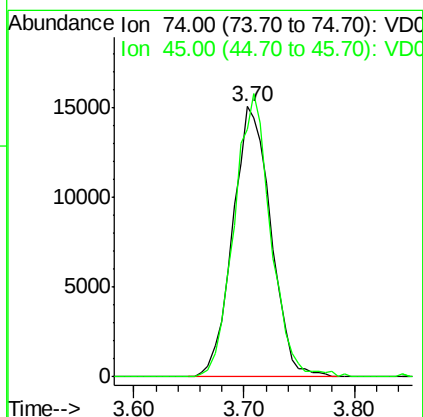
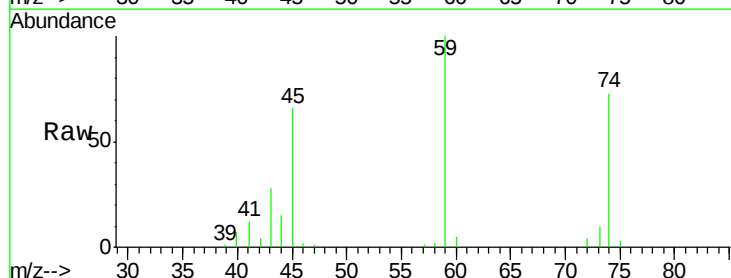
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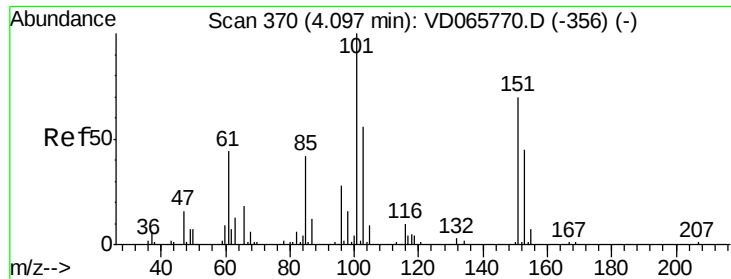


#8

Diethyl Ether
 Concen: 52.717 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	47.9	143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.510 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

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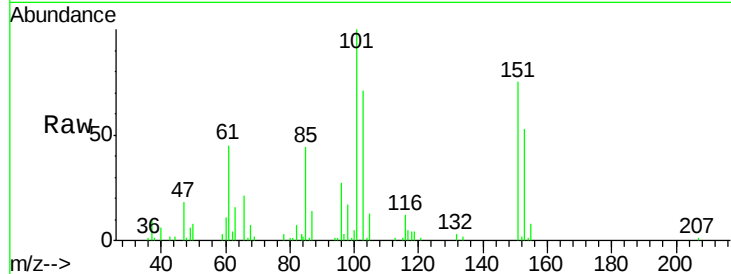
ClientSampleId :

VSTDCCC050EC

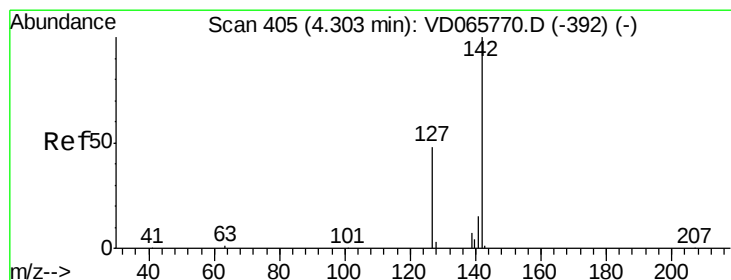
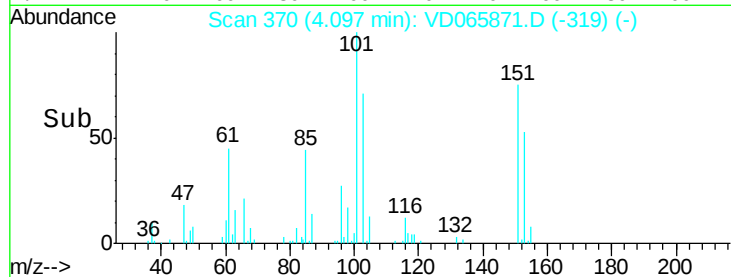
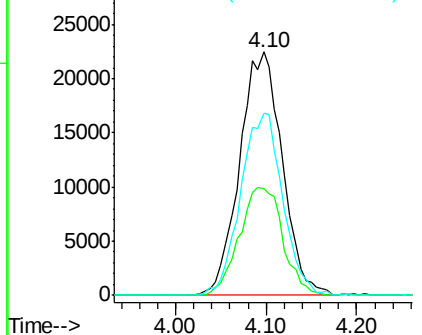
Tot Ion:	101	Resp:	73188
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.5	54.7
151	73.8	61.8	92.6

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.248 ug/l

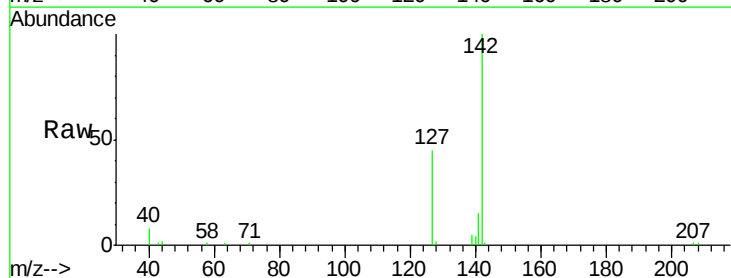
RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

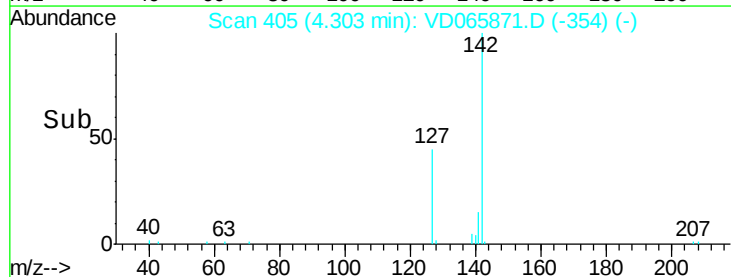
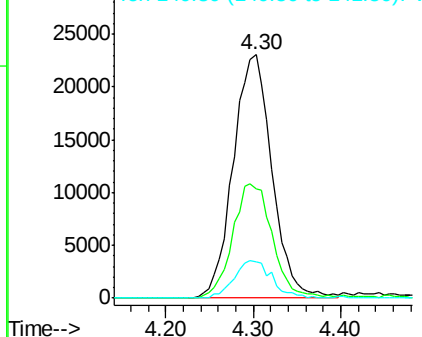
Lab File: VD065871.D

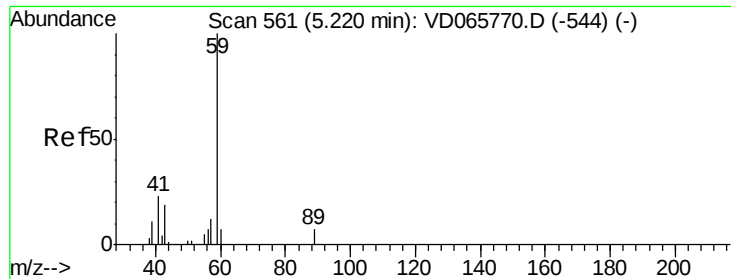
Acq: 23 Jun 2020 20:13

Tgt Ion:	142	Resp:	69335
Ion Ratio	Lower	Upper	
142	100		
127	47.6	37.6	56.4
141	15.0	12.1	18.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





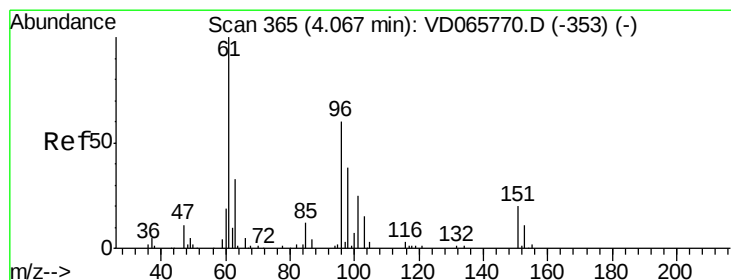
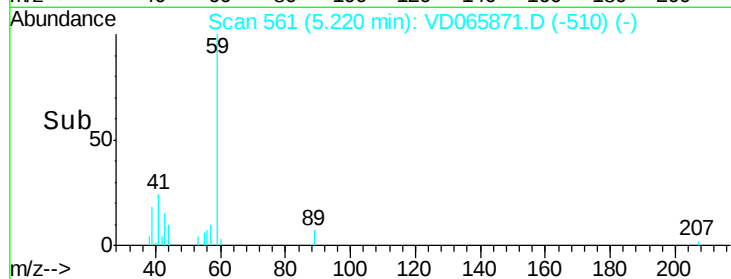
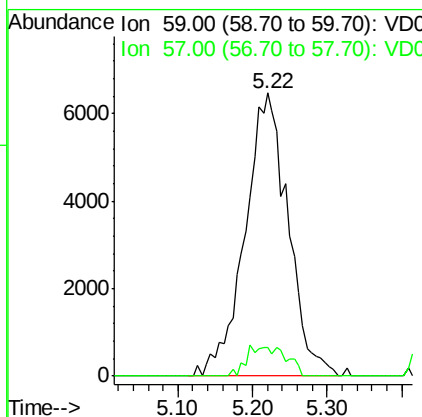
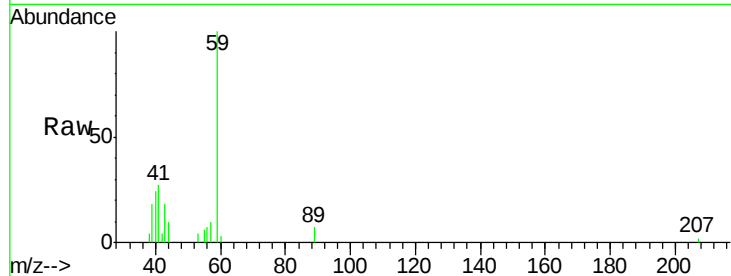
#11
Tert butyl alcohol
Concen: 304.664 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 25960
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

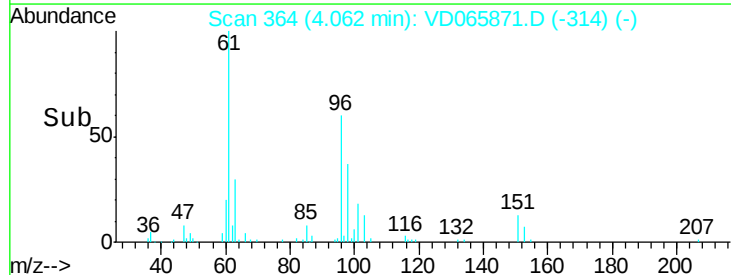
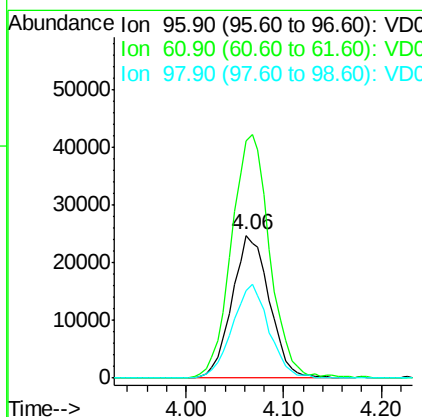
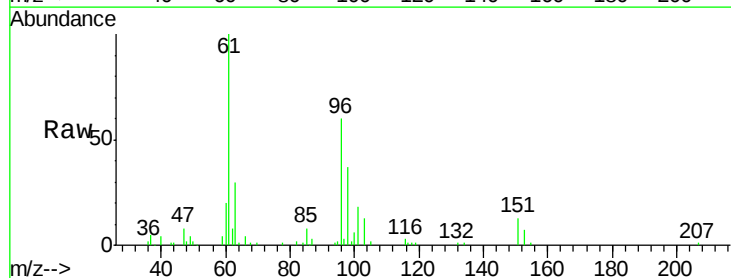
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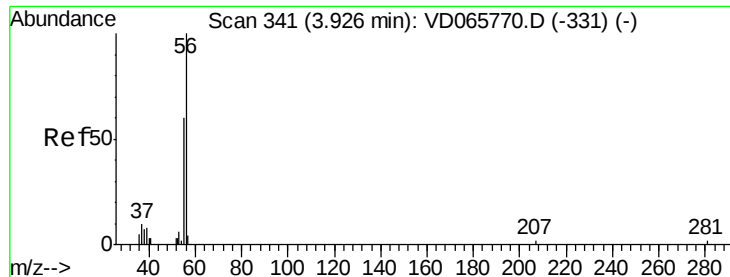
MMDadoda
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#12
1,1-Dichloroethene
Concen: 46.357 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 96 Resp: 66485
Ion Ratio Lower Upper
96 100
61 166.2 132.3 198.5
98 61.0 50.7 76.1





#13

Acrolein

Concen: 218.904 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 19181

Ion Ratio Lower Upper

56 100

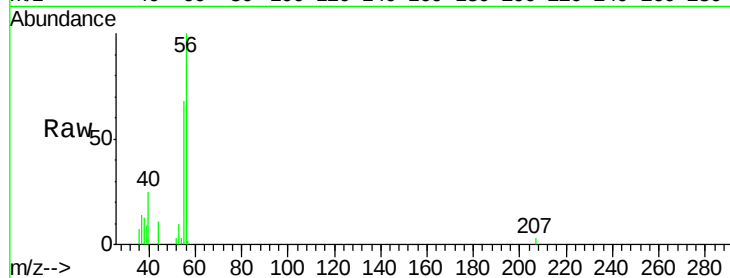
55 71.5 54.8 82.2

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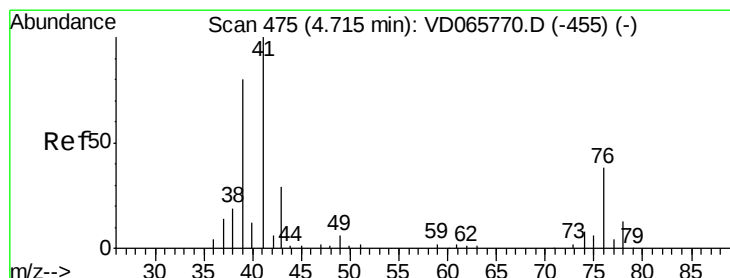
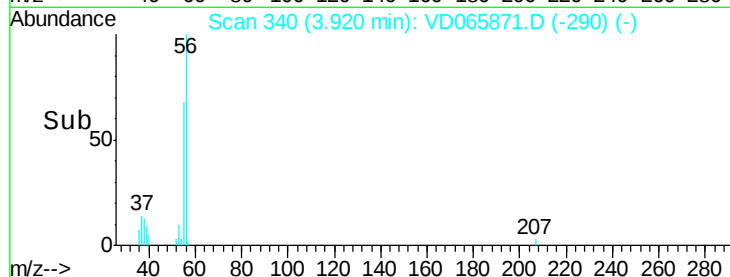
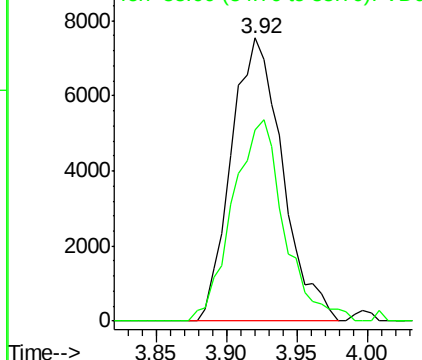
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 49.962 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

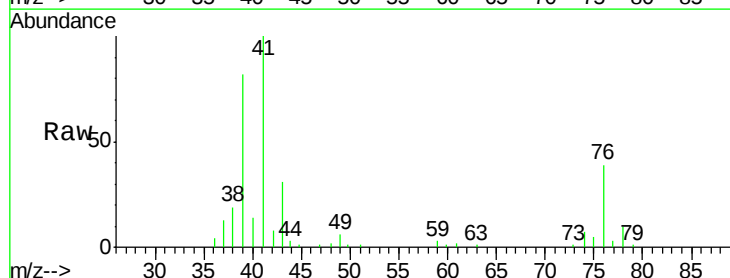
Tgt Ion: 41 Resp: 118432

Ion Ratio Lower Upper

41 100

39 81.3 60.9 91.3

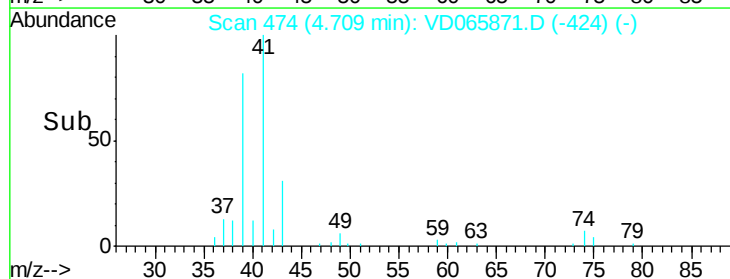
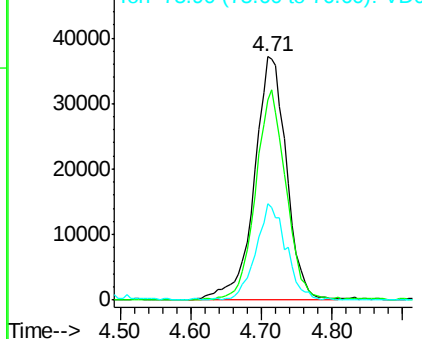
76 36.9 28.9 43.3

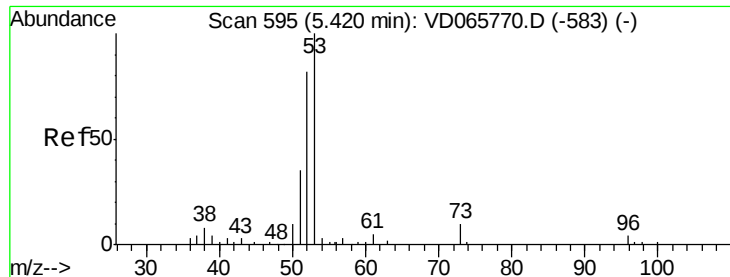


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





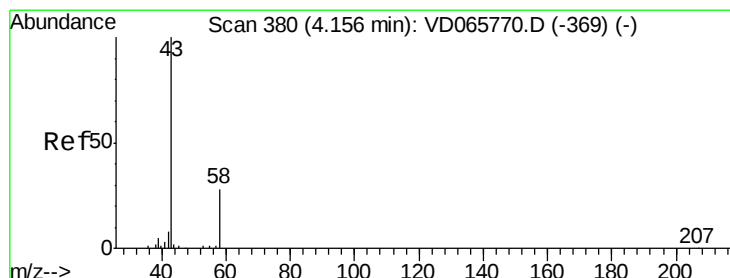
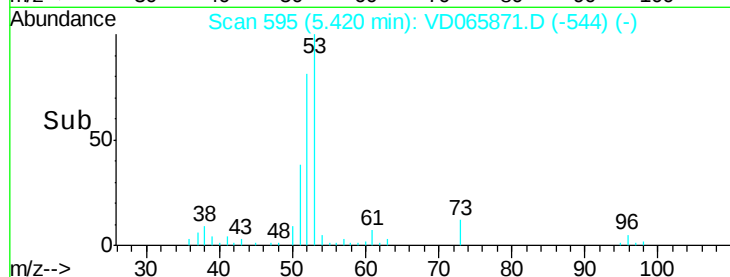
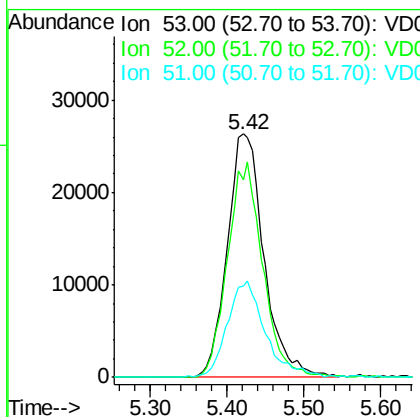
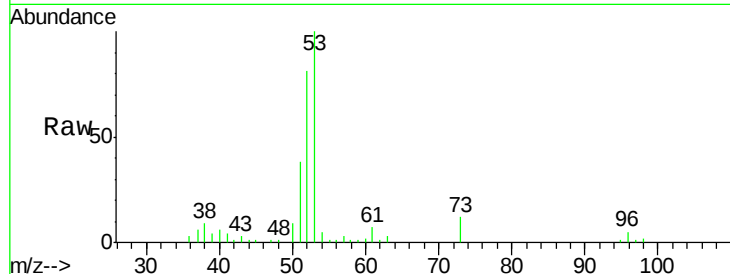
#15
 Acrylonitrile
 Concen: 278.225 ug/l
 RT: 5.42 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	85.1	66.2	99.2
51	40.6	30.7	46.1

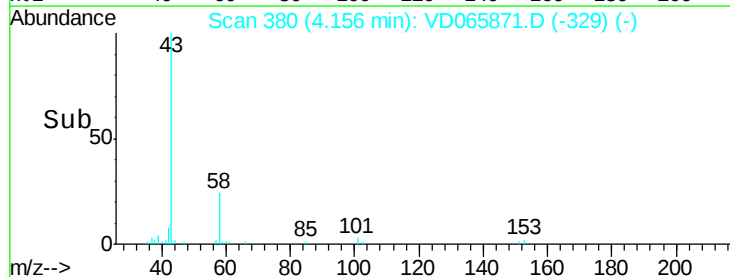
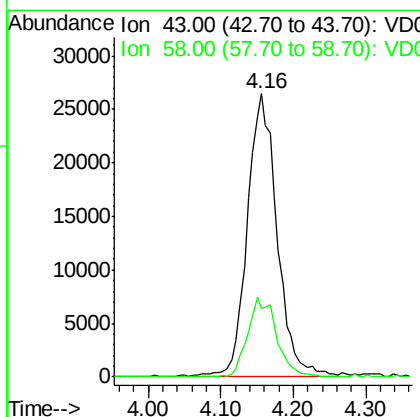
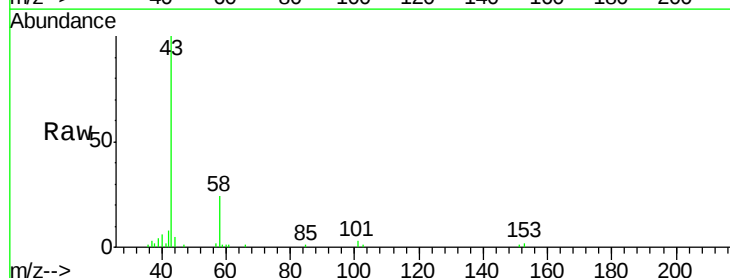
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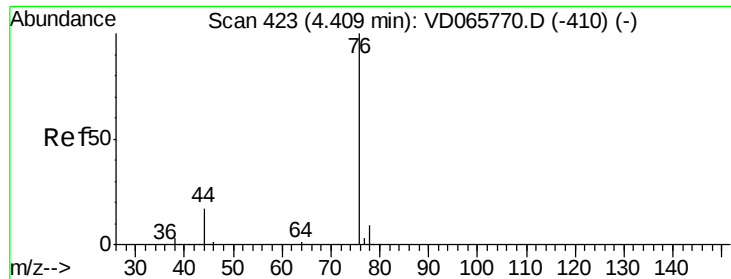
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#16
 Acetone
 Concen: 257.310 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	24.0	22.3	33.5





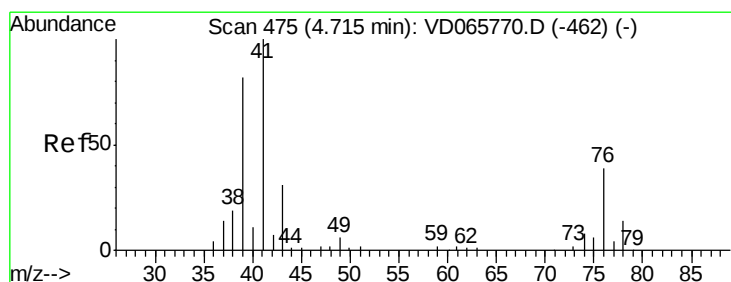
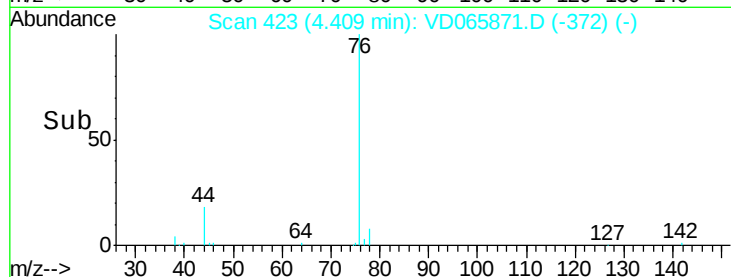
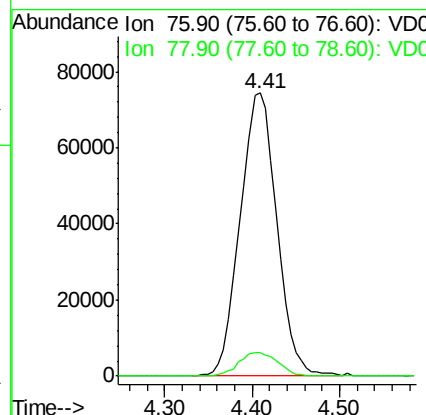
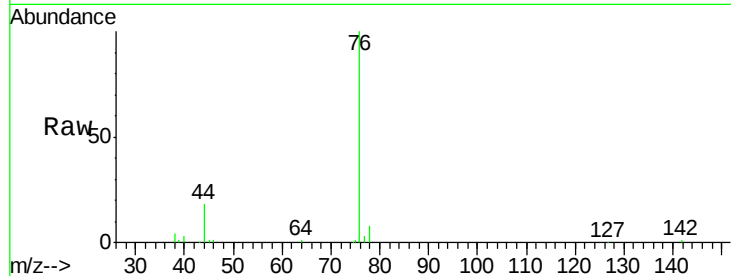
#17
Carbon Disulfide
Concen: 44.122 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.1	10.7

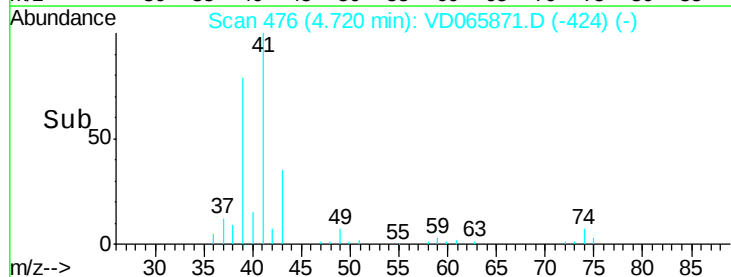
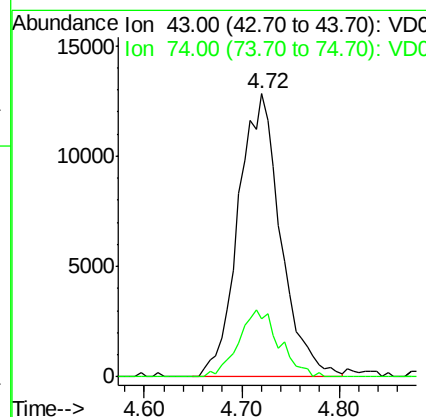
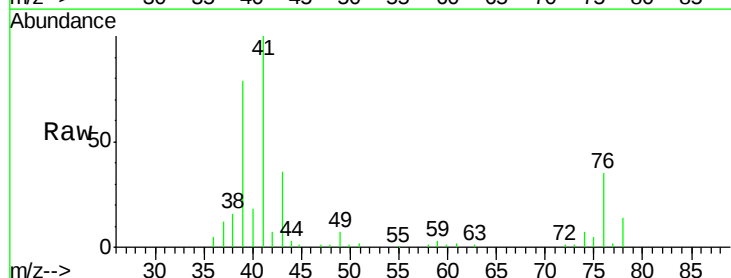
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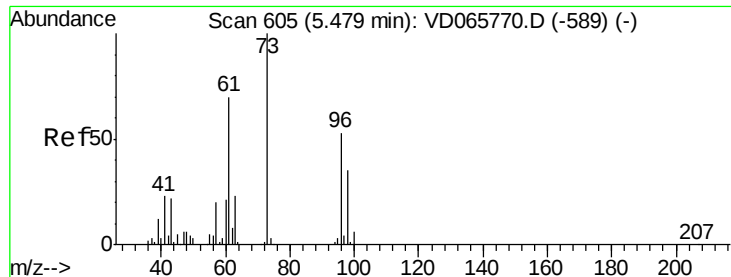
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#18
Methyl Acetate
Concen: 59.371 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.7	28.1





#19

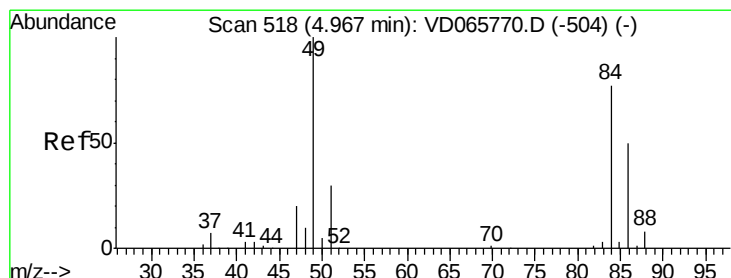
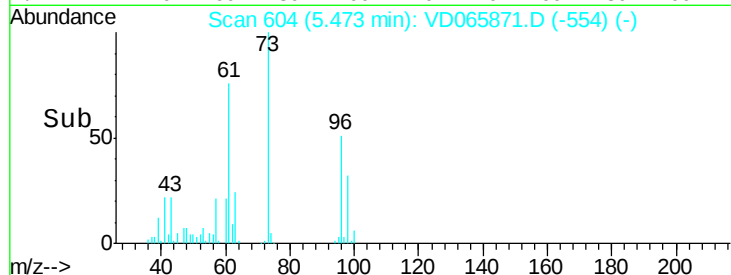
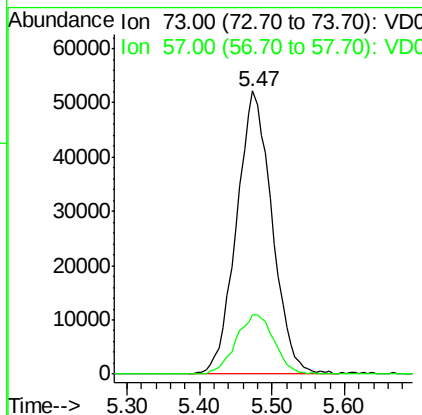
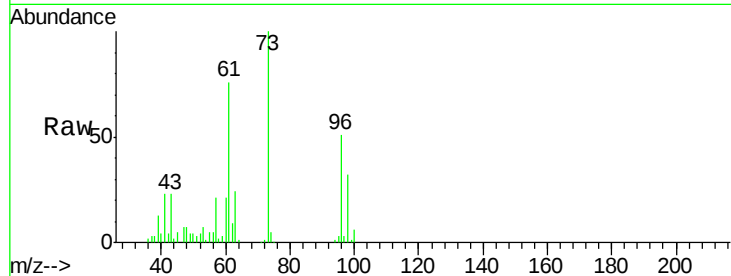
Methyl tert-butyl Ether
 Concen: 54.604 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 177386
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.2 24.2

Manual Integrations
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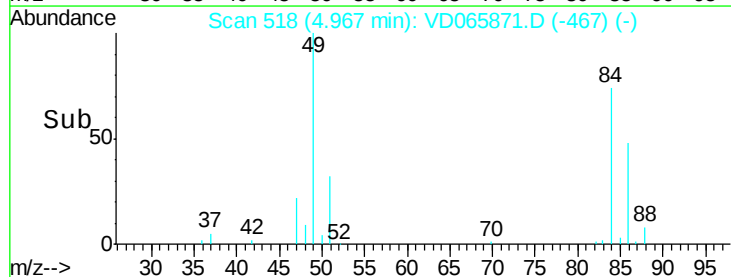
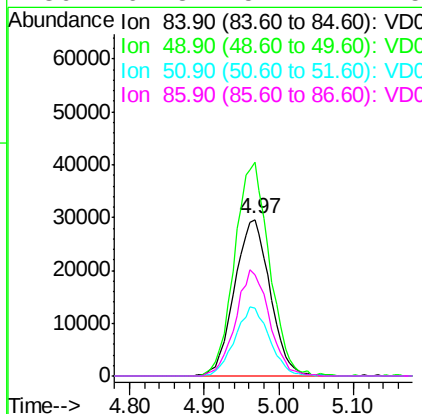
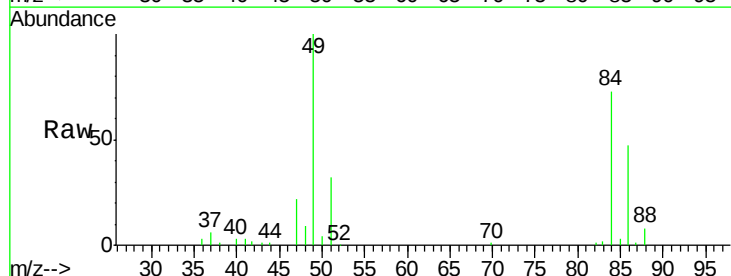
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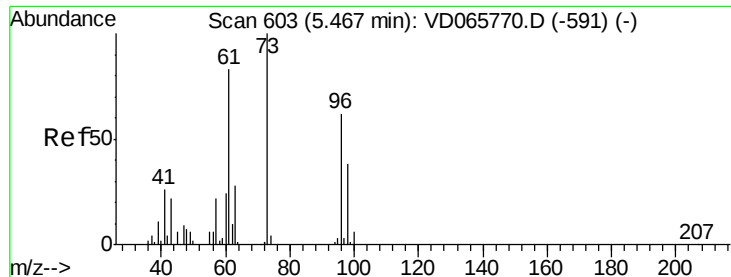


#20

Methylene Chloride
 Concen: 64.137 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion: 84 Resp: 98265
 Ion Ratio Lower Upper
 84 100
 49 136.4 103.4 155.0
 51 43.6 31.4 47.2
 86 64.8 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 48.838 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 82029

Ion Ratio Lower Upper

96 100

61 150.2 107.7 161.5

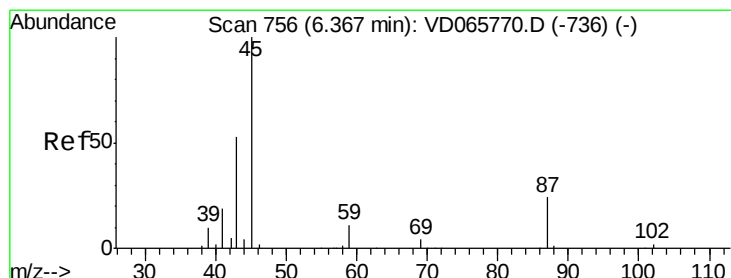
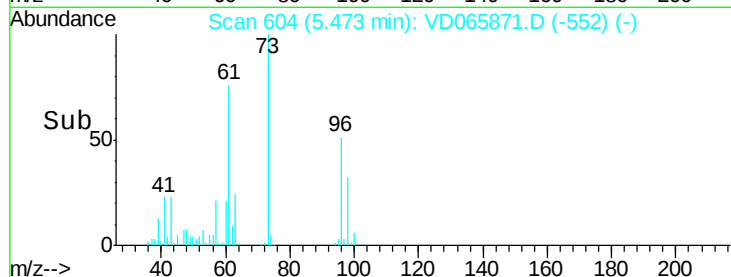
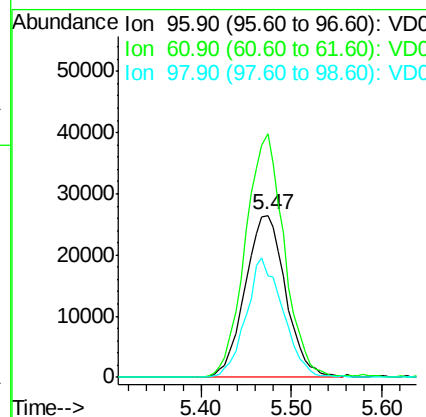
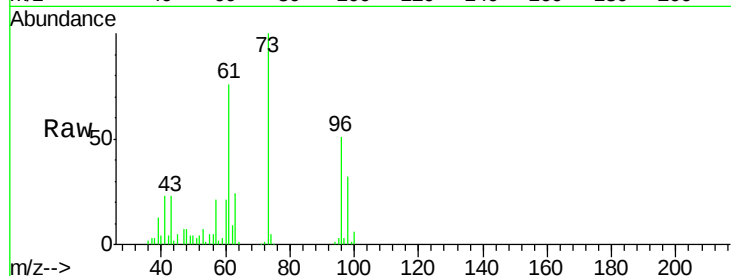
98 62.7 49.3 73.9

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#22

Diisopropyl ether

Concen: 58.472 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Tgt Ion: 45 Resp: 280057

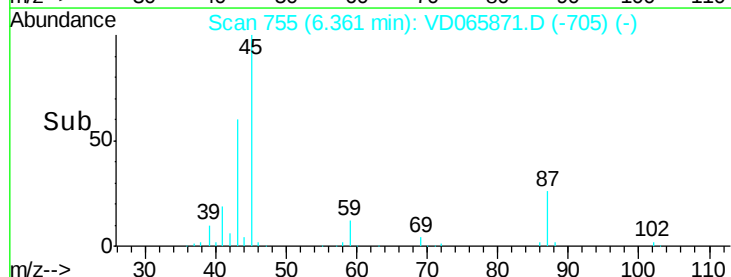
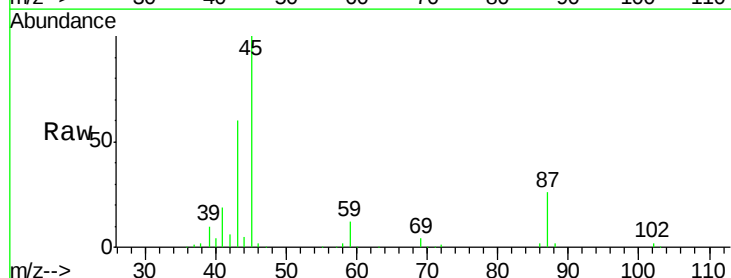
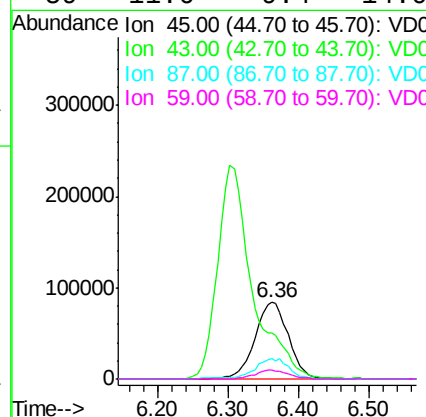
Ion Ratio Lower Upper

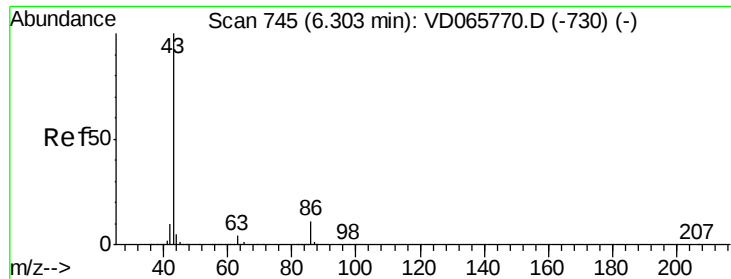
45 100

43 58.6 43.4 65.0

87 26.1 20.2 30.4

59 11.6 9.4 14.0





#23

Vinyl Acetate

Concen: 298.408 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 807076

Ion Ratio Lower Upper

43 100

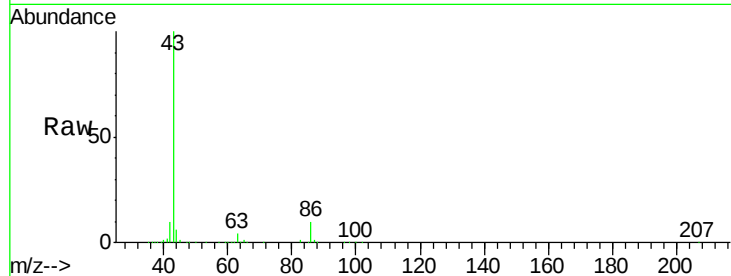
86 10.3 8.5 12.7

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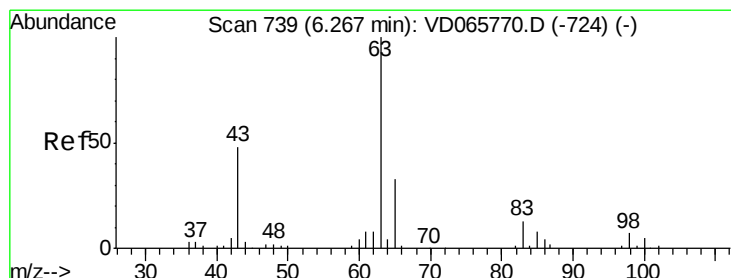
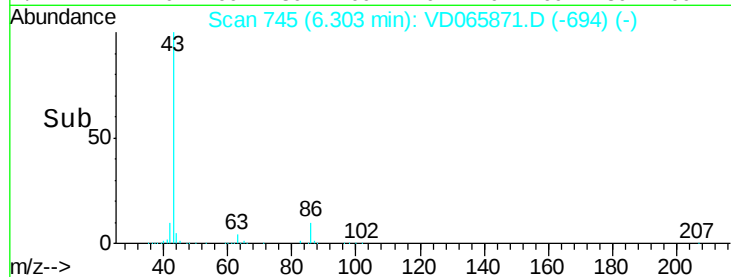
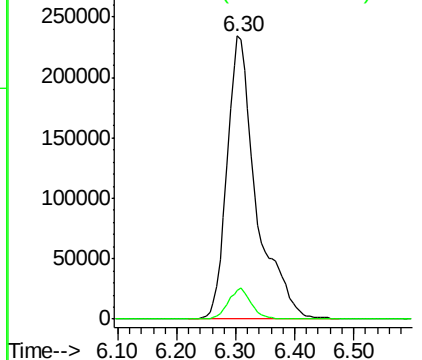
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.782 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

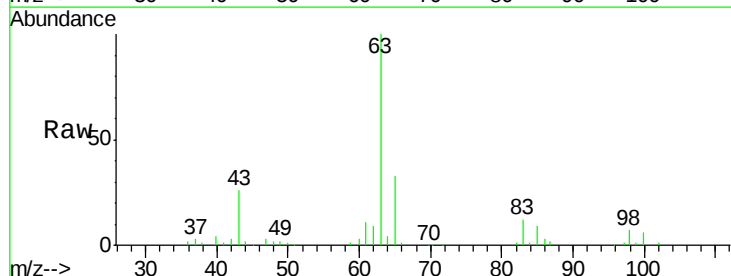
Tgt Ion: 63 Resp: 156950

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.5

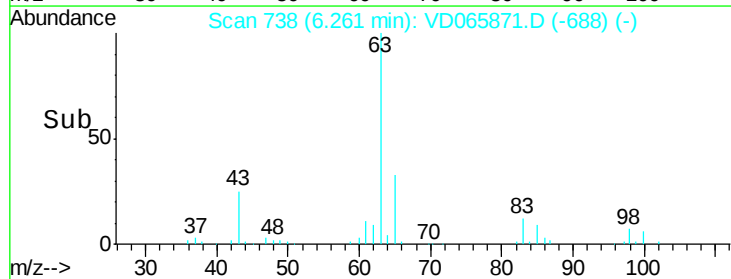
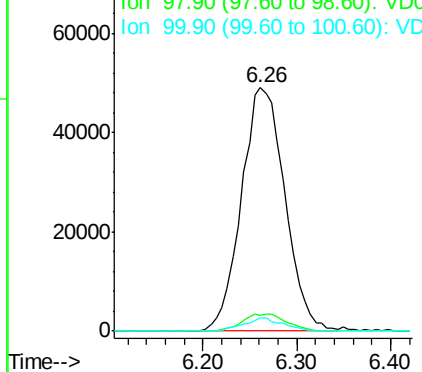
100 5.7 2.3 6.9

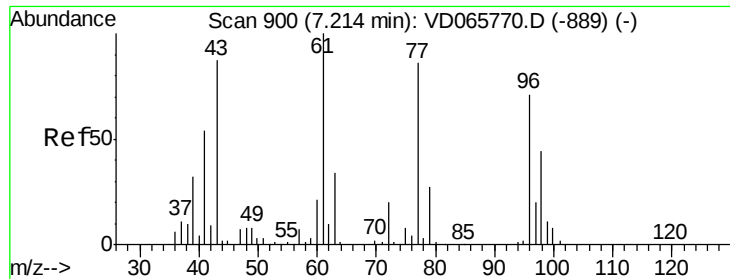


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 279.719 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 113678

Ion Ratio Lower Upper

43 100

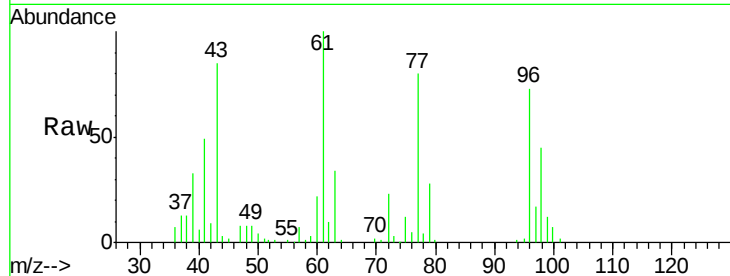
72 27.2 18.5 27.7

Manual Integrations

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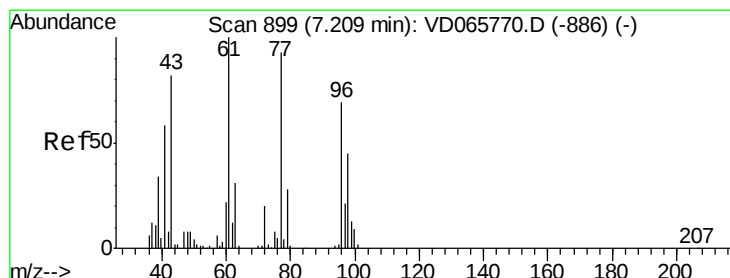
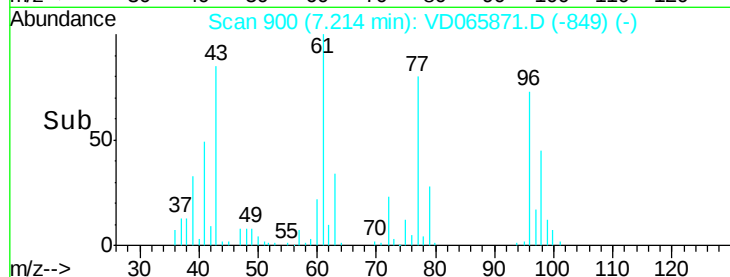
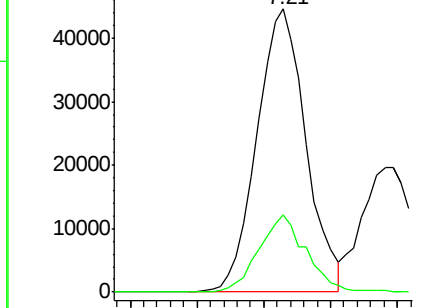
MMDadoda

6/24/2020 10:52:40 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.999 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065871.D

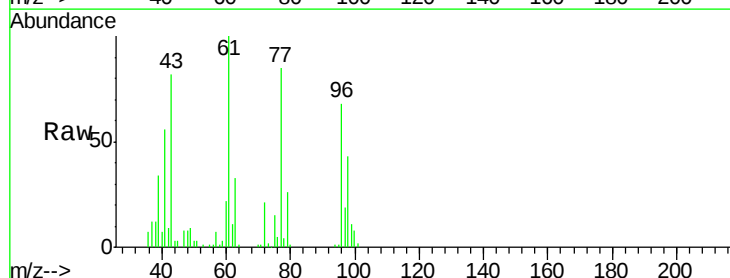
Acq: 23 Jun 2020 20:13

Tgt Ion: 77 Resp: 126788

Ion Ratio Lower Upper

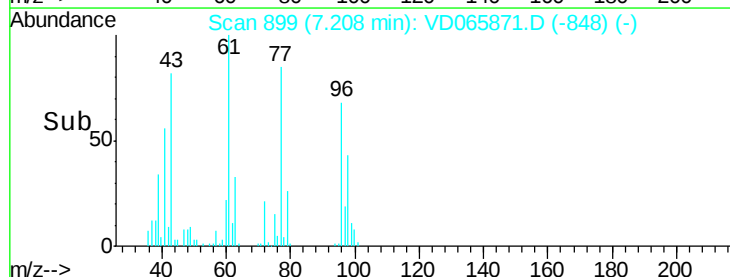
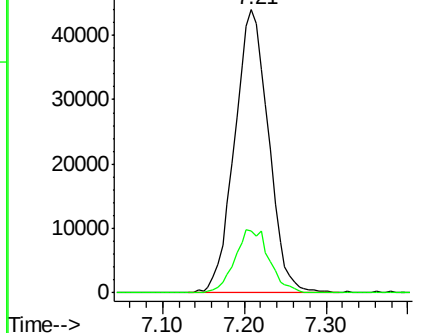
77 100

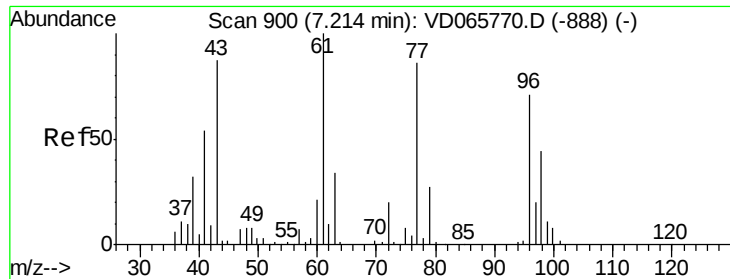
97 22.8 10.9 32.7



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

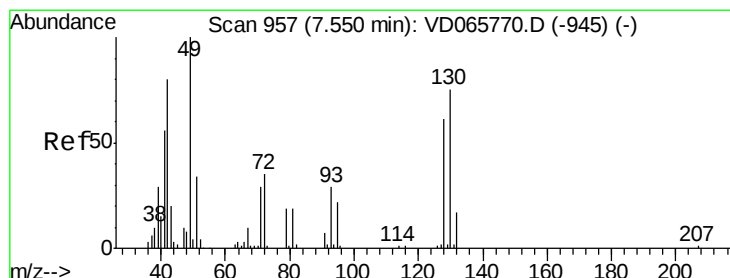
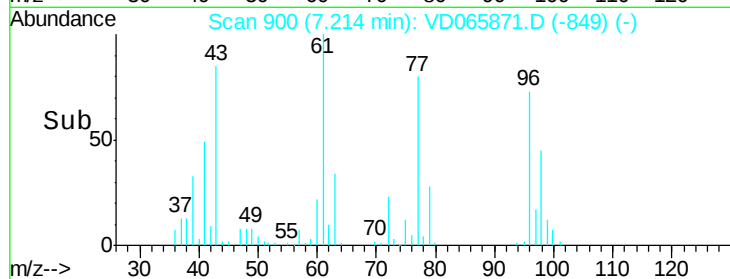
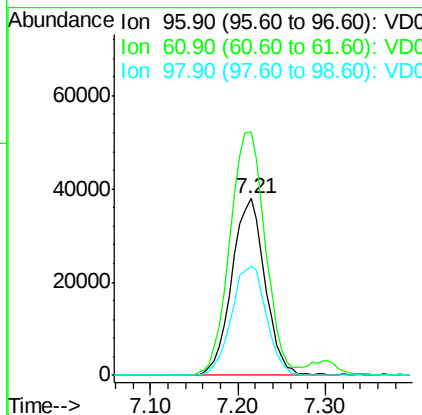
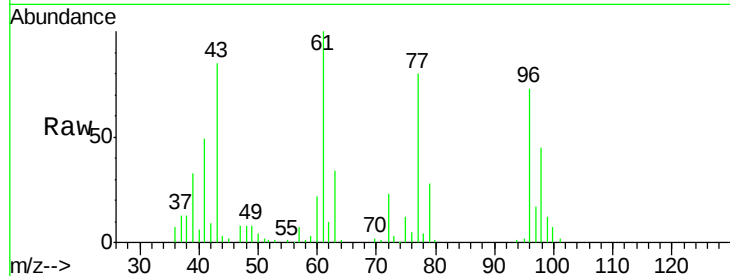
cis-1,2-Dichloroethene
Concen: 54.125 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	291.2
98	64.4	0.0	128.8

Manual Integrations
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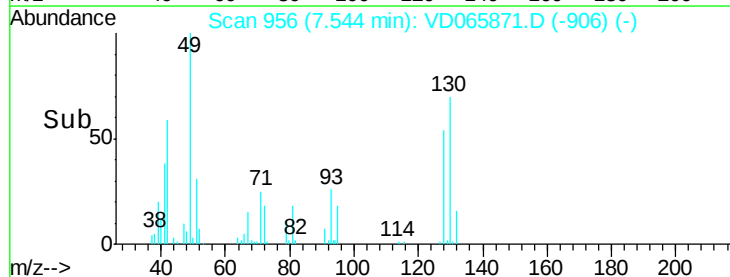
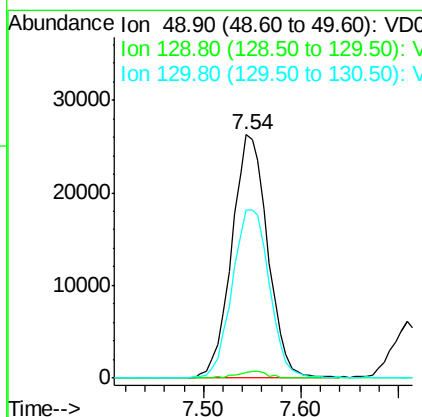
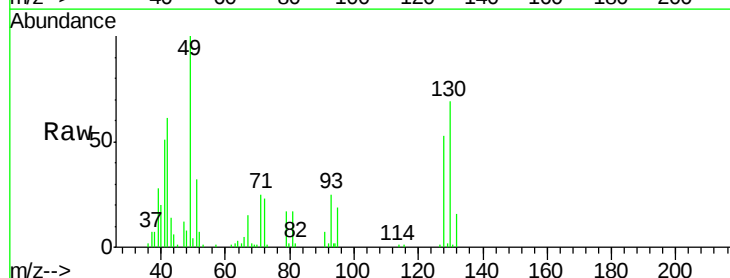
MMDadoda
6/24/2020 10:52:40 AM

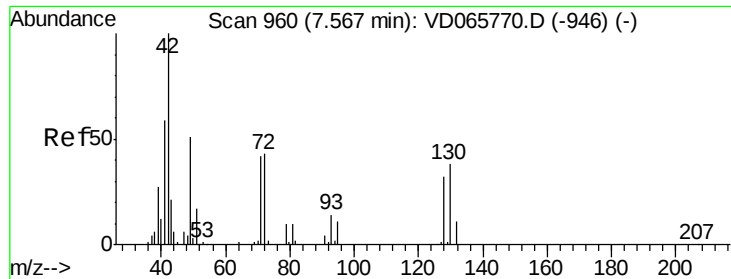


#28

Bromochloromethane
Concen: 59.519 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	71.7	59.5	89.3





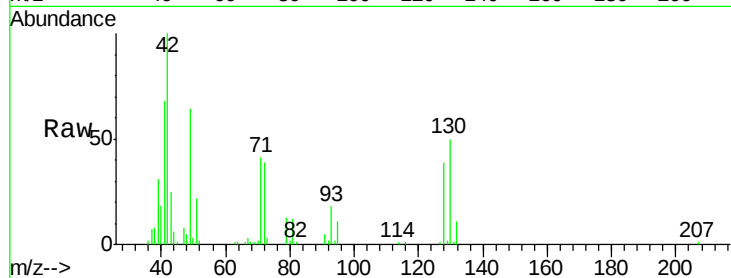
#29
Tetrahydrofuran
Concen: 301.230 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

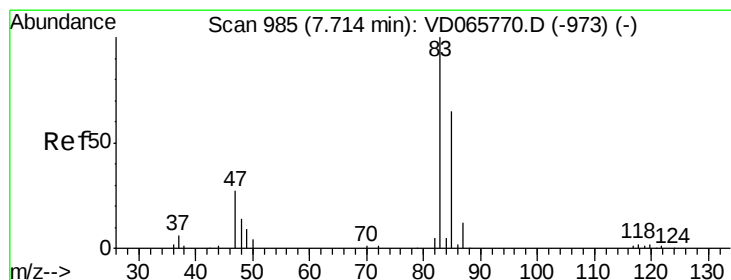
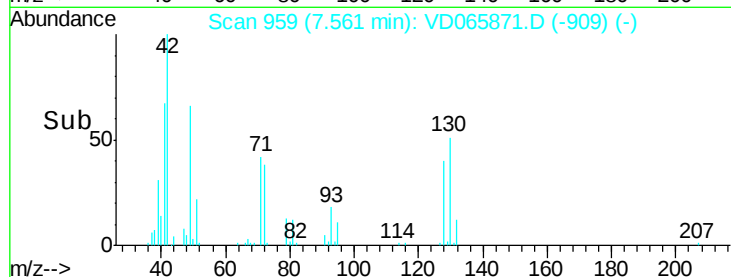
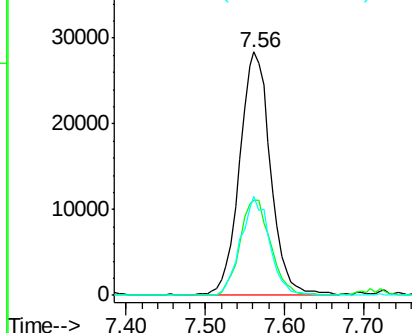
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.8	34.9	52.3
71	37.8	31.2	46.8

Manual Integrations
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MMDadoda
6/24/2020 10:52:40 AM

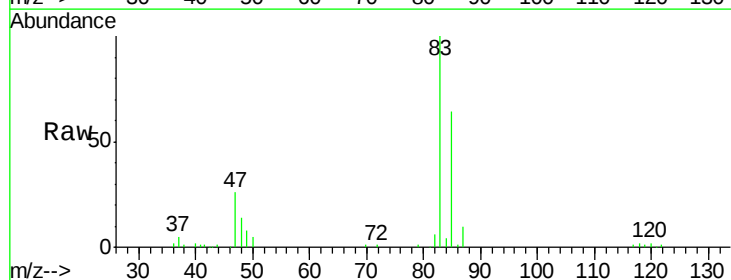


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

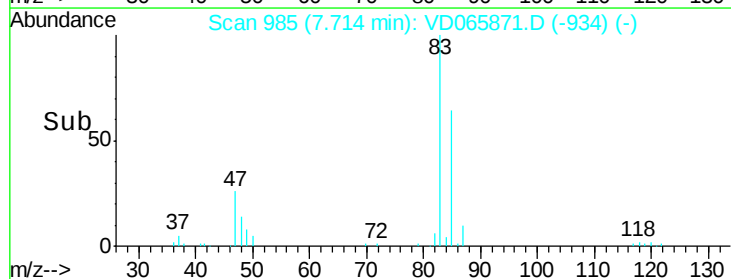
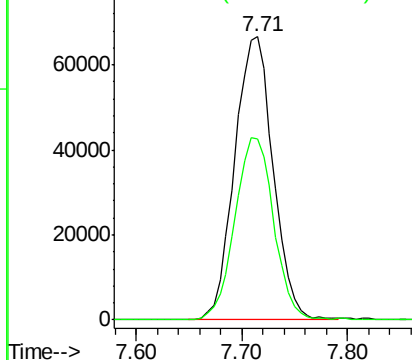


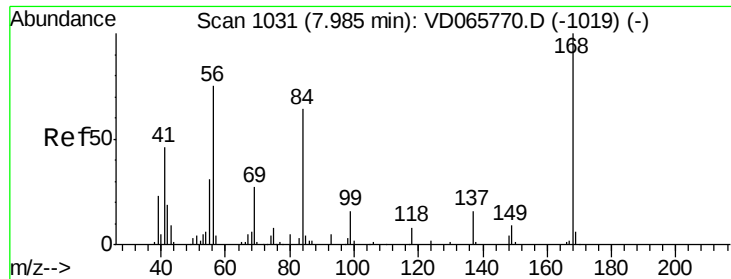
#30
Chloroform
Concen: 55.634 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.9	77.9



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





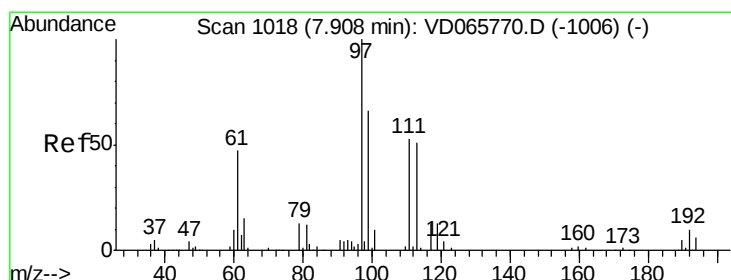
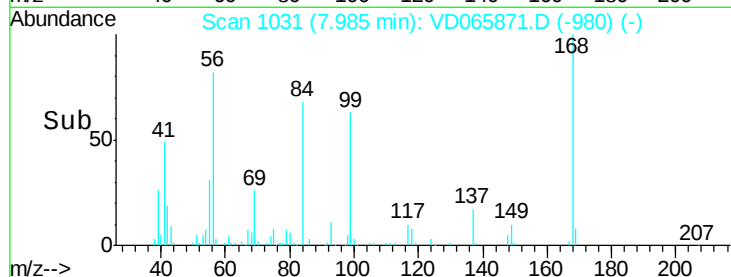
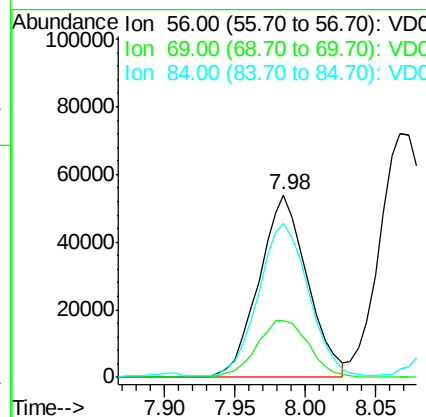
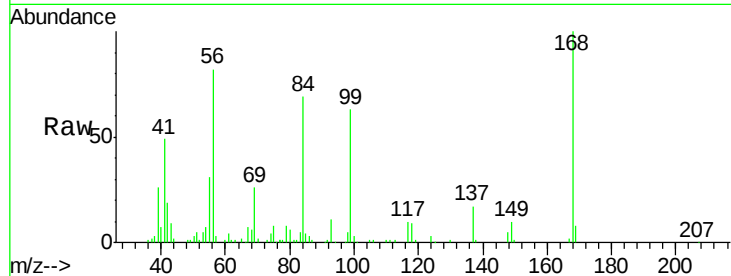
#31
Cyclohexane
Concen: 46.081 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	28.5	42.7
84	83.6	68.4	102.6

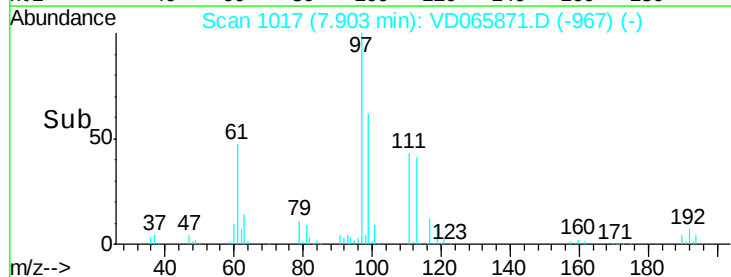
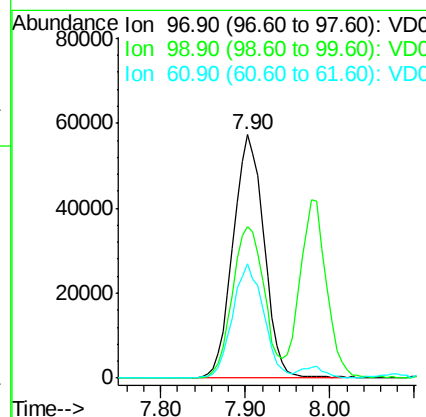
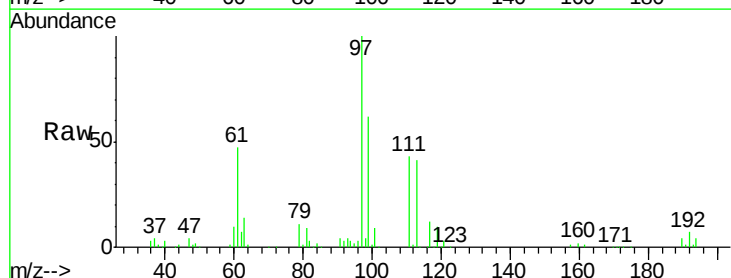
Manual Integrations
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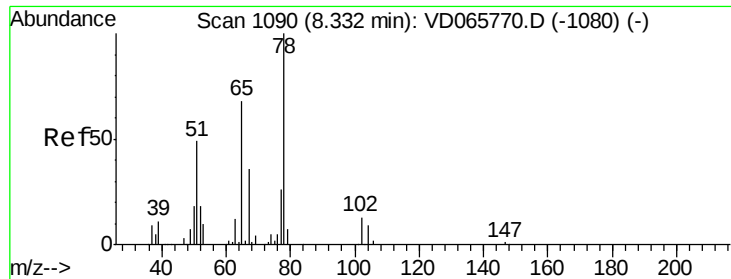
MMDadoda
6/24/2020 10:52:40 AM



#32
1,1,1-Trichloroethane
Concen: 52.313 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	49.2	73.8
61	47.0	36.0	54.0





#33

1,2-Dichloroethane-d4

Concen: 56.990 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 88905

Ion Ratio Lower Upper

65 100

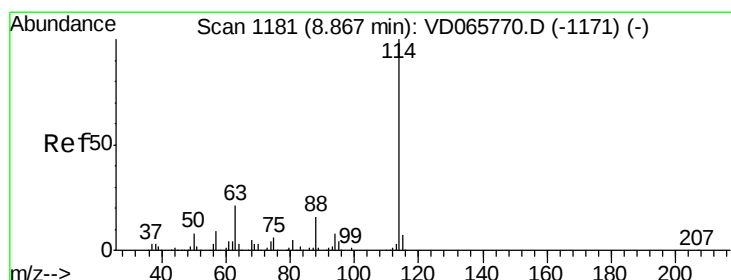
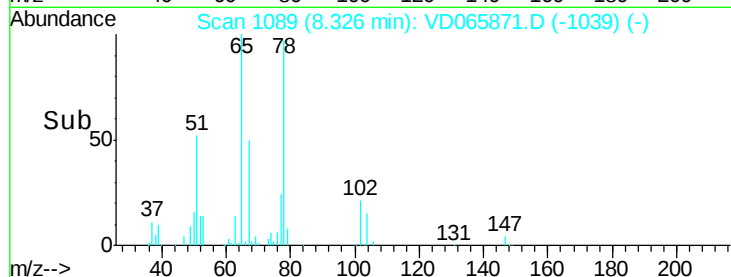
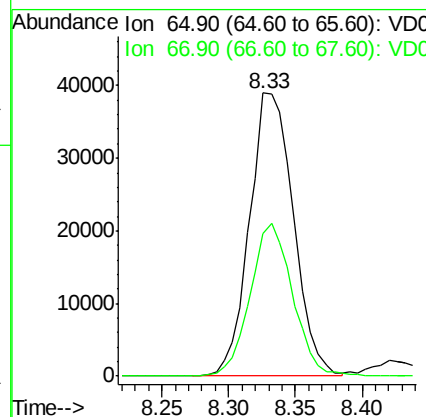
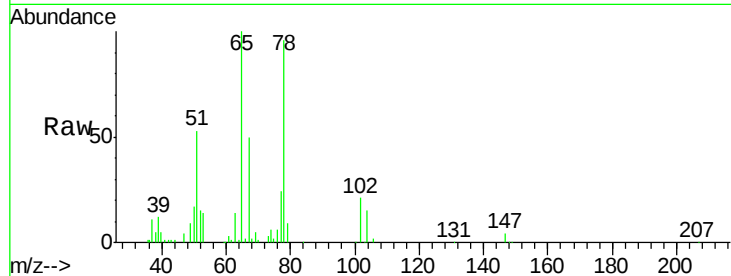
67 51.9 0.0 103.6

Manual Integrations

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MMDadoda

6/24/2020 10:52:40 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

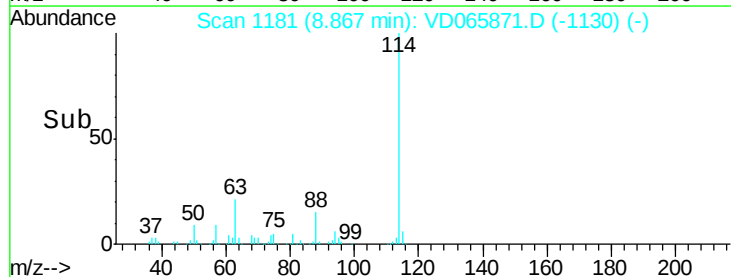
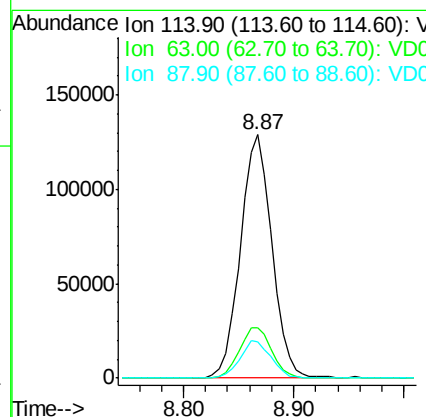
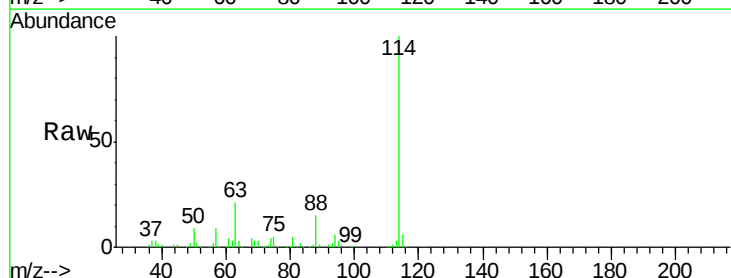
Tgt Ion: 114 Resp: 258695

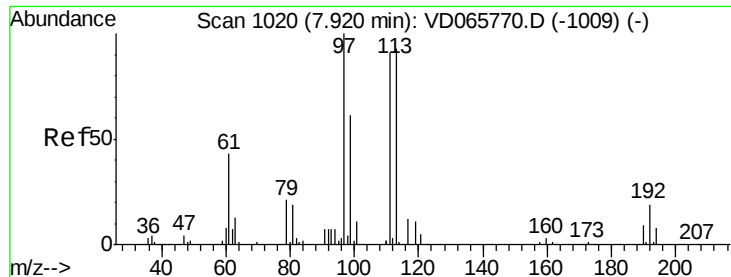
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.8

88 14.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.078 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

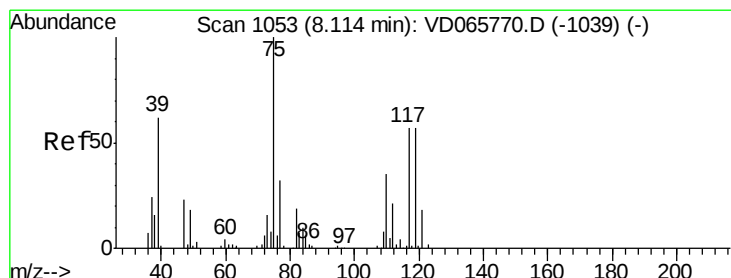
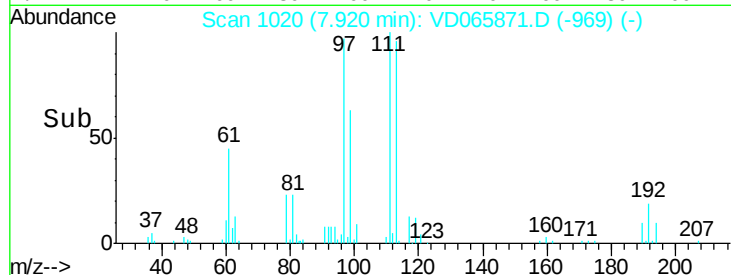
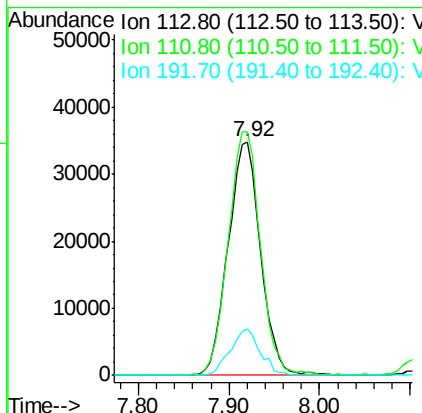
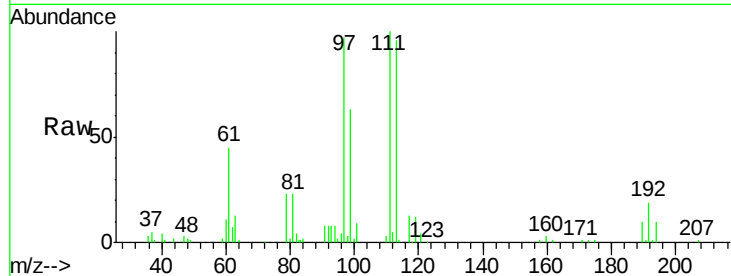
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.0
192	18.5	15.7	23.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.700 ug/l

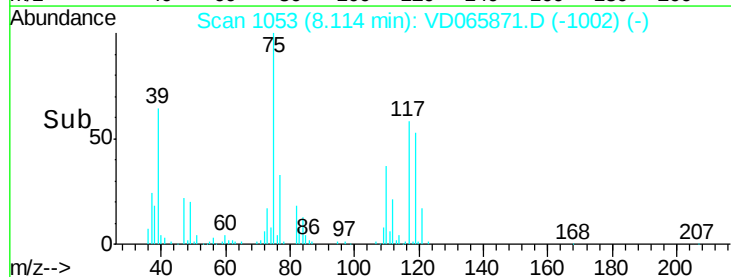
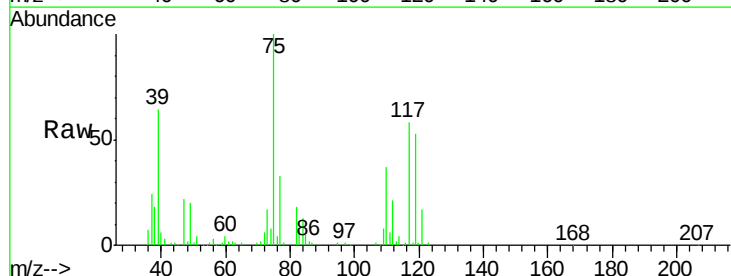
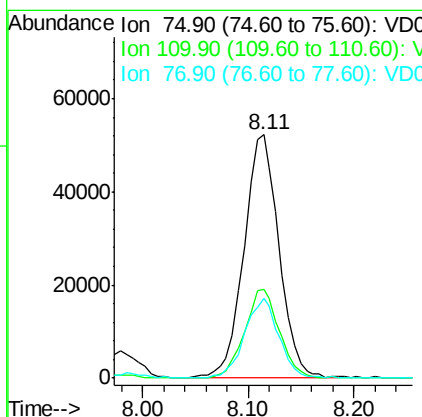
RT: 8.11 min Scan# 1053

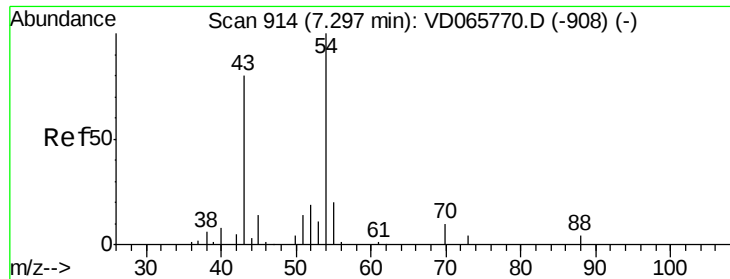
Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.6	52.8
77	32.0	25.1	37.7





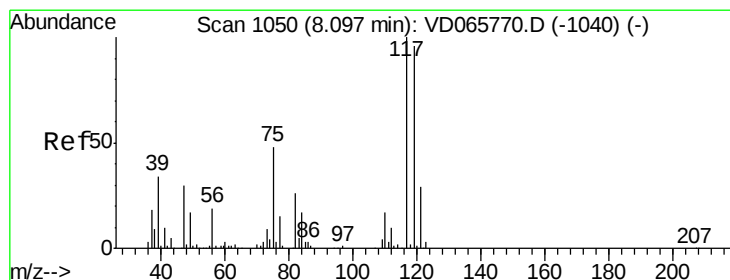
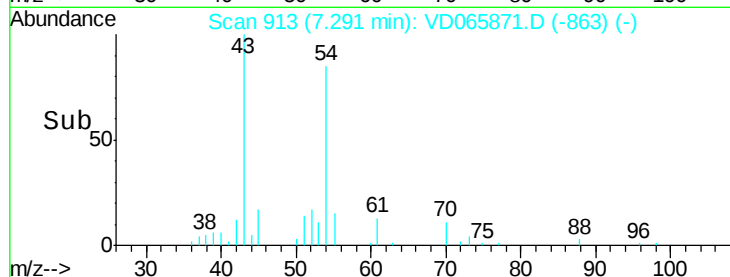
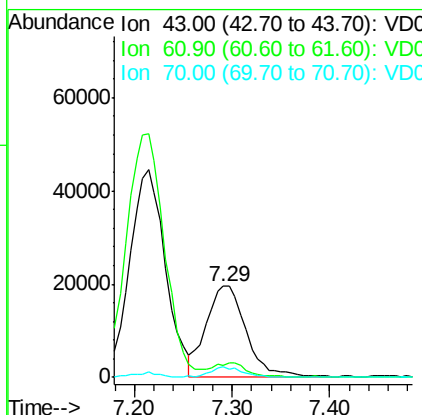
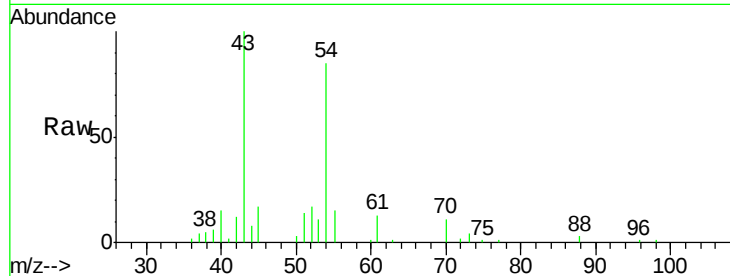
#37
Ethyl Acetate
Concen: 56.224 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.6	15.8
70	9.4	7.5	11.3

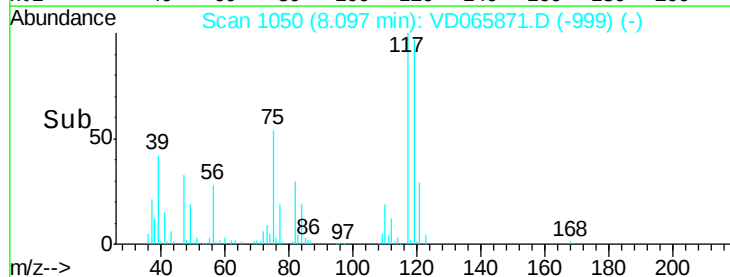
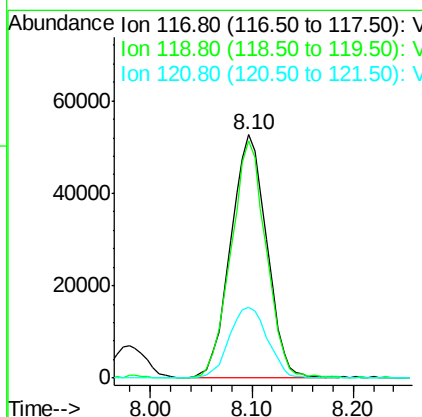
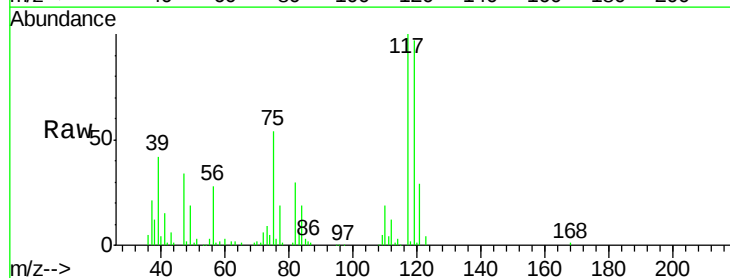
Manual Integrations
APPROVED

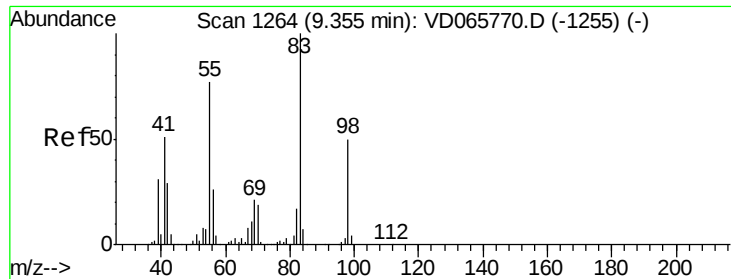
MMDadoda
6/24/2020 10:52:40 AM



#38
Carbon Tetrachloride
Concen: 49.924 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.8	115.2
121	28.9	23.4	35.2





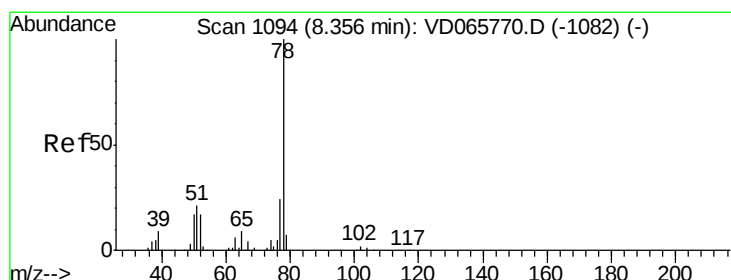
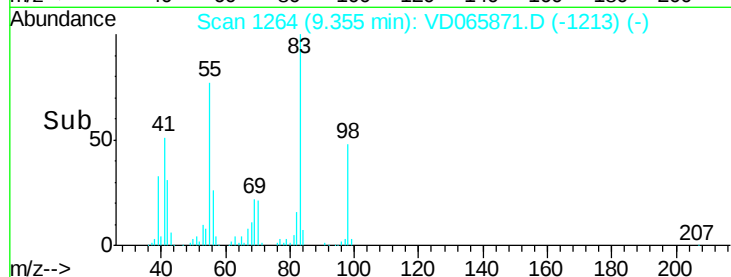
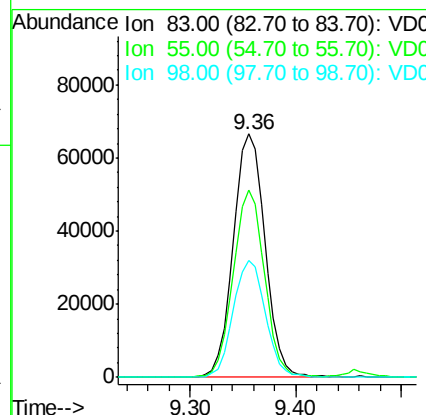
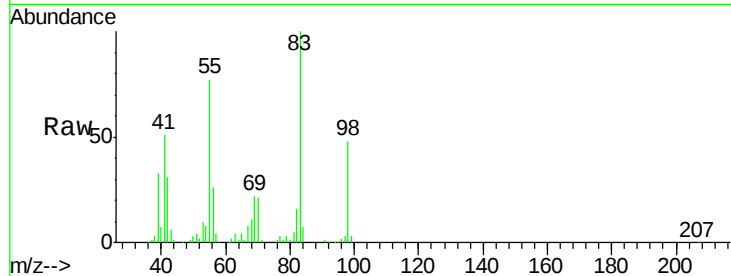
#39
Methvlcvclohexane
Concen: 47.202 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.6	92.4
98	48.3	40.2	60.2

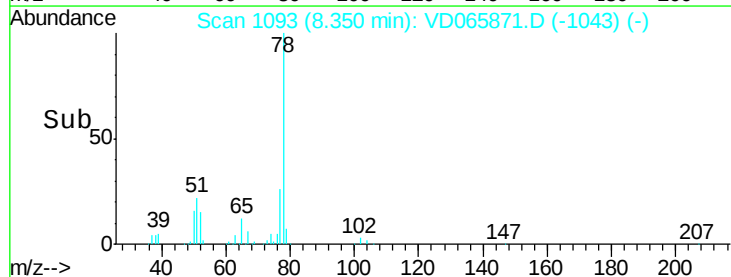
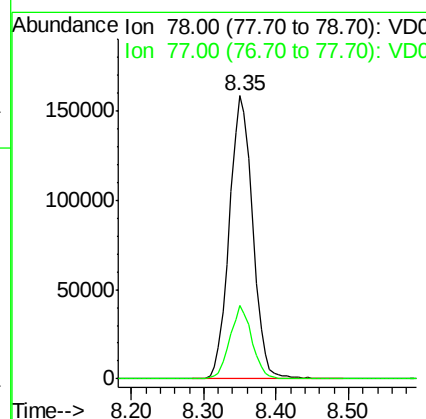
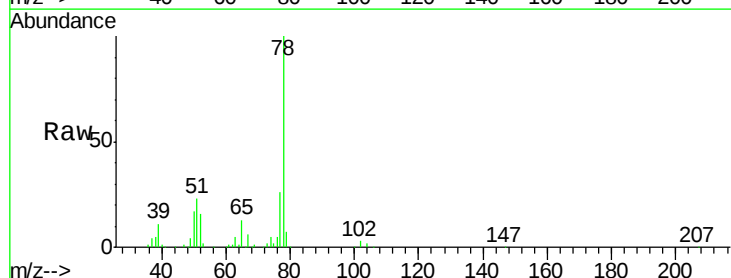
Manual Integrations
APPROVED

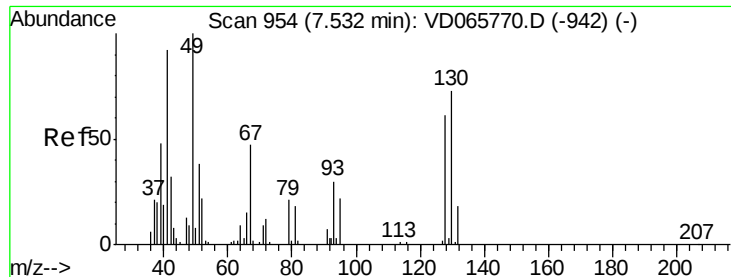
MMDadoda
6/24/2020 10:52:40 AM



#40
Benzene
Concen: 52.457 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.7	19.2	28.8





#41

Methacrylonitrile

Concen: 46.745 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 27169

Ion Ratio Lower Upper

41 100

39 77.7 38.3 57.5#

67 78.0 49.8 74.6#

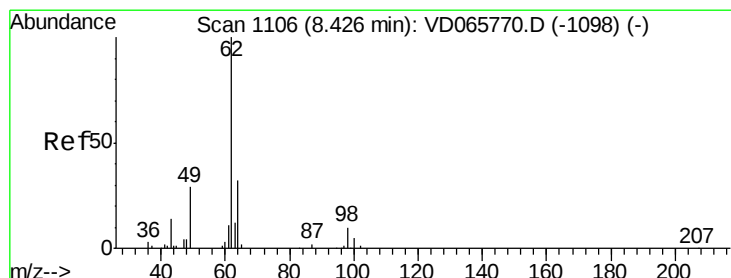
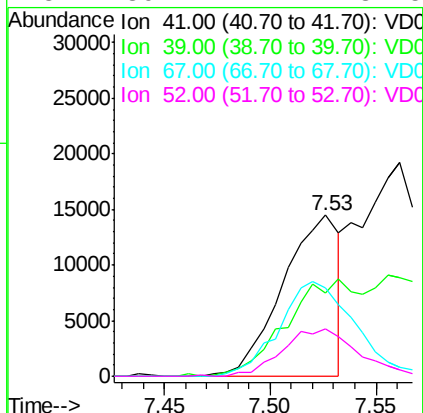
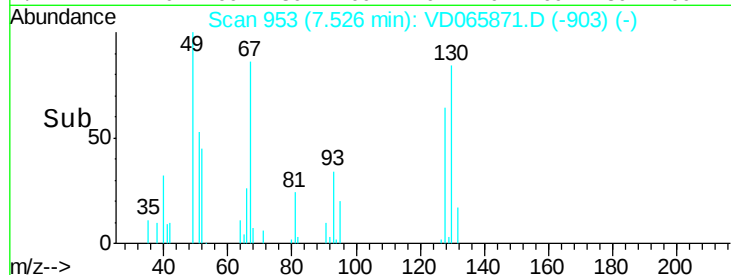
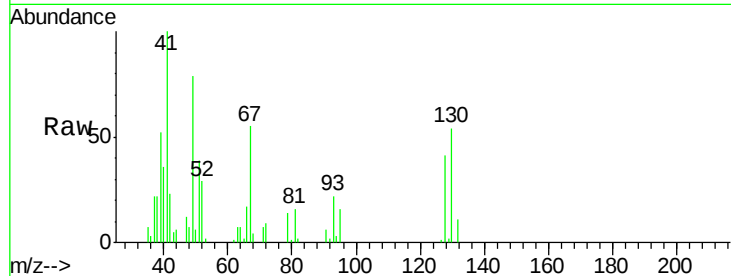
52 39.2 21.7 32.5#

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#42

1,2-Dichloroethane

Concen: 54.710 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD065871.D

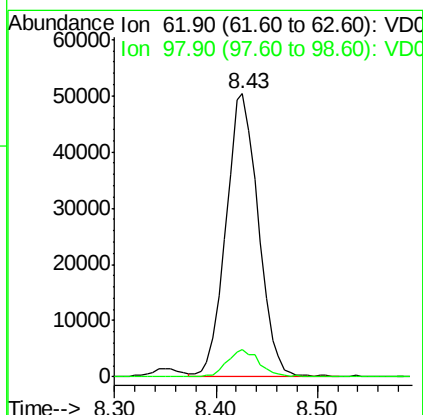
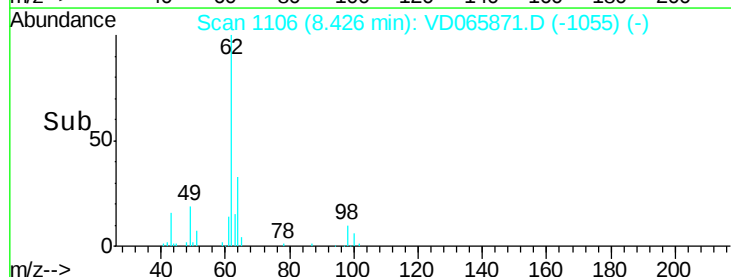
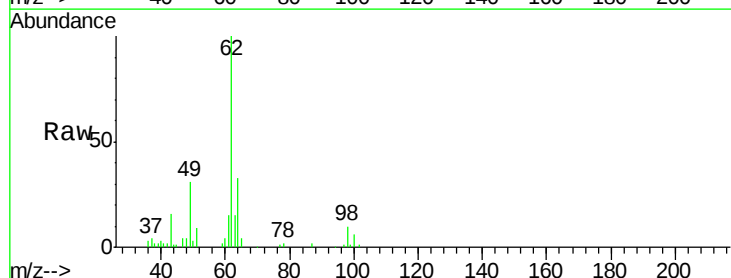
Acq: 23 Jun 2020 20:13

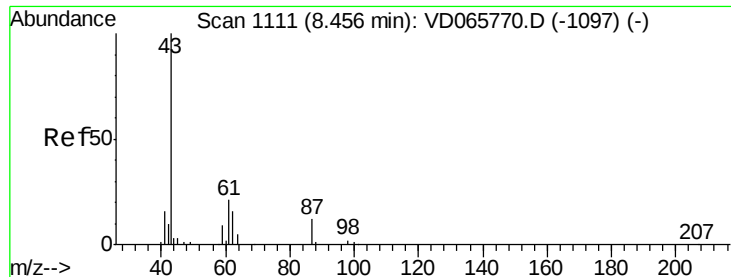
Tgt Ion: 62 Resp: 111834

Ion Ratio Lower Upper

62 100

98 9.5 0.0 18.6





#43

Isopropyl Acetate

Concen: 56.203 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

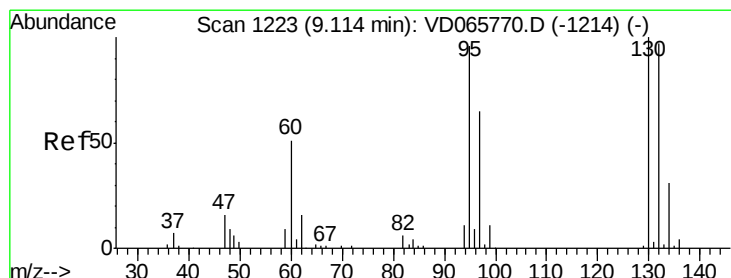
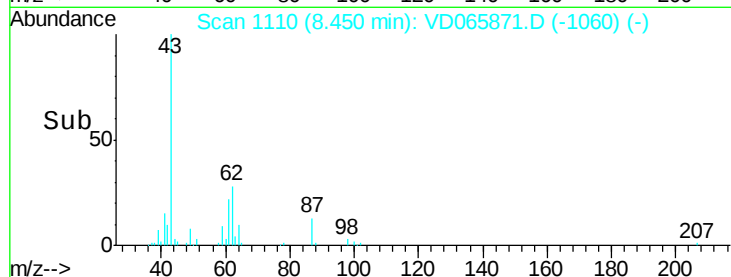
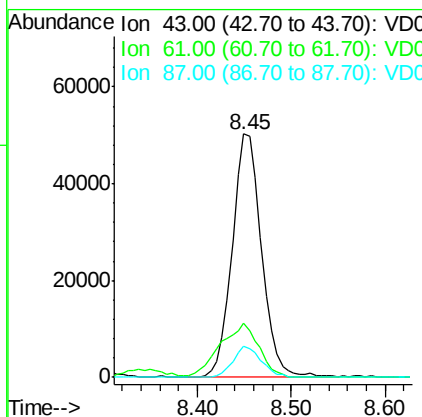
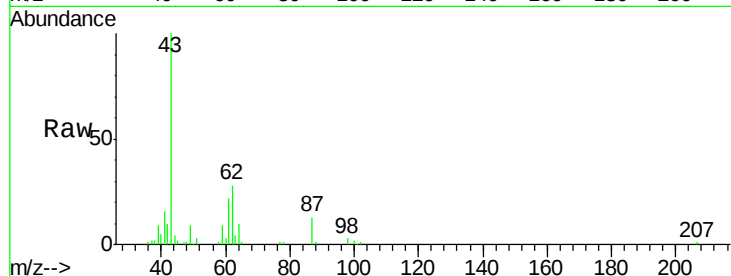
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	109090
Ion	Ratio	Lower	Upper
43	100		
61	29.3	24.2	36.4
87	12.1	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 49.808 ug/l

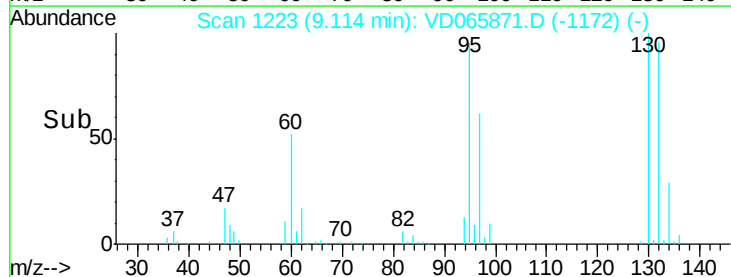
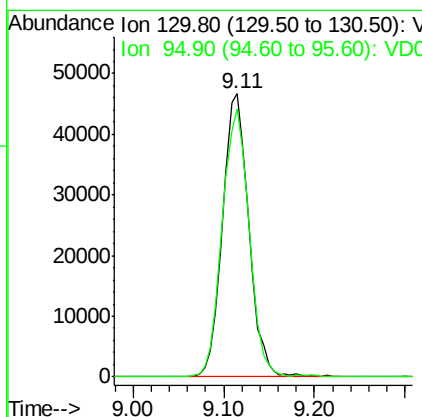
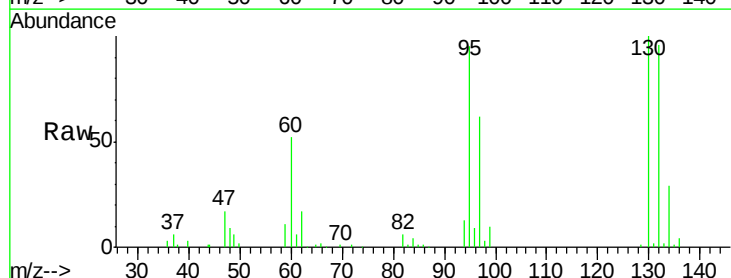
RT: 9.11 min Scan# 1223

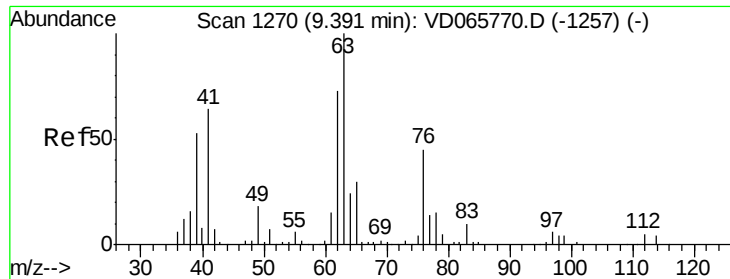
Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Tgt Ion:	130	Resp:	93905
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	192.8





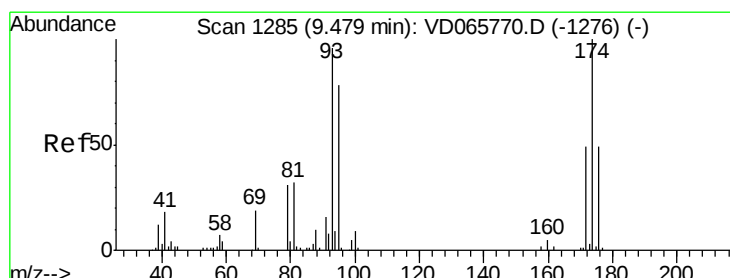
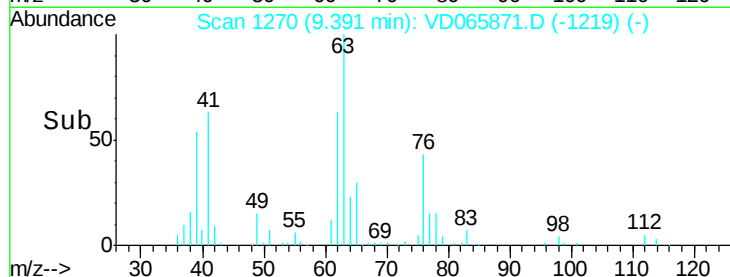
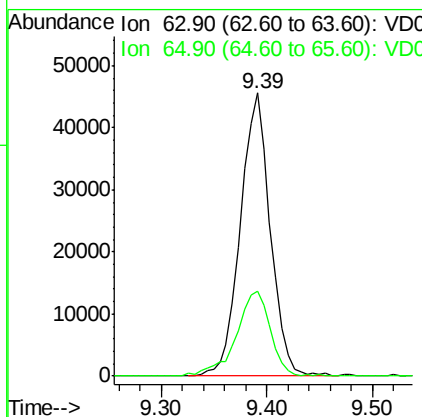
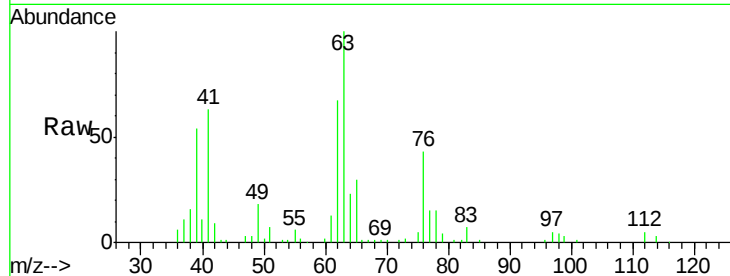
#45
 1,2-Dichloropropane
 Concen: 52.566 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.2	36.2

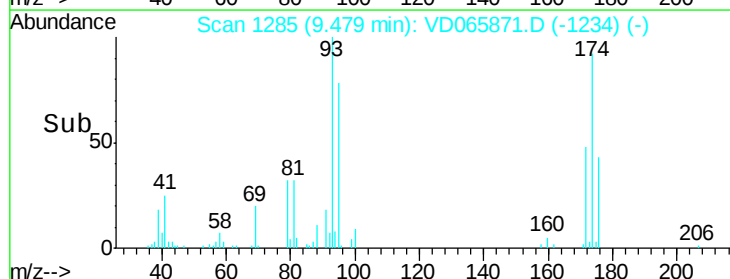
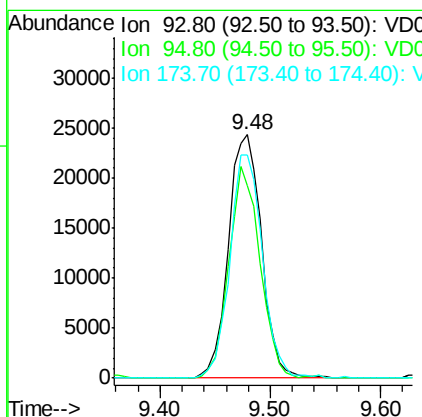
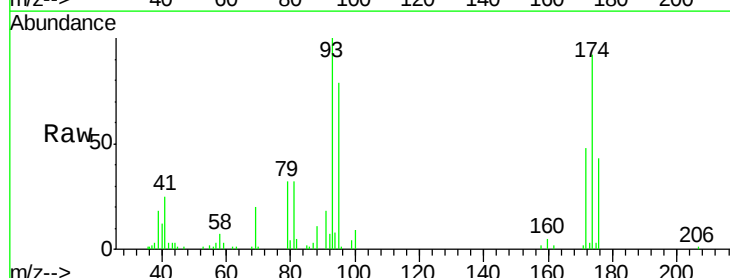
Manual Integrations
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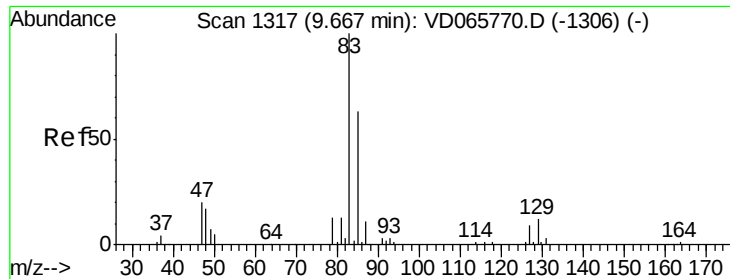
MMDadoda
 6/24/2020 10:52:40 AM



#46
 Dibromomethane
 Concen: 55.425 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	65.8	98.6
174	91.0	80.9	121.3





#47

Bromodichloromethane

Concen: 55.459 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

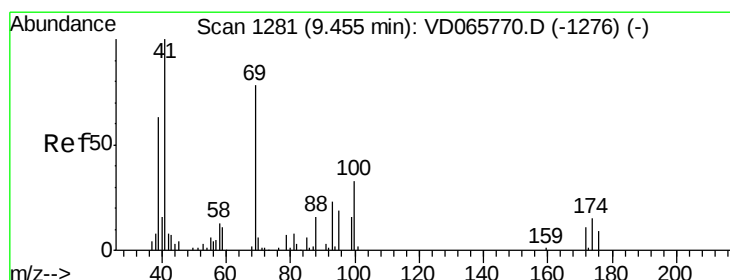
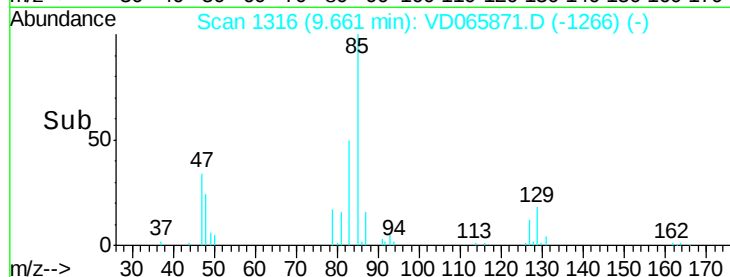
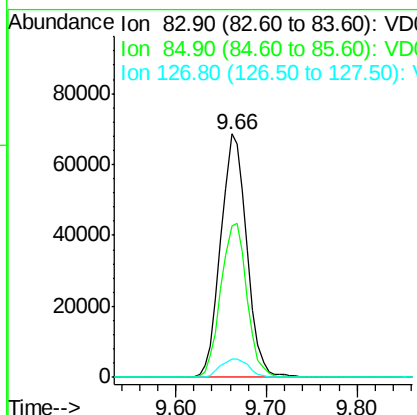
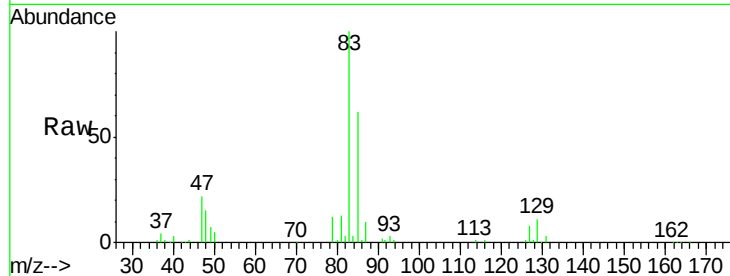
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	137201
Ion Ratio	Lower	Upper	
83	100		
85	62.1	50.7	76.1
127	7.7	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.047 ug/l

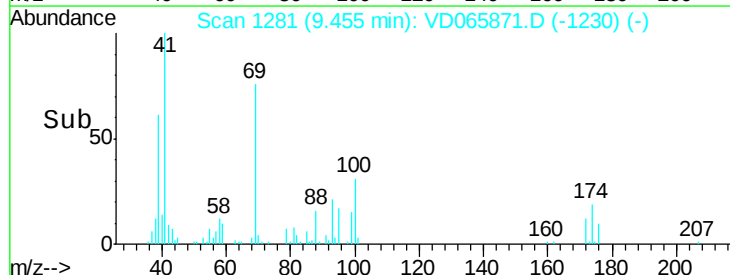
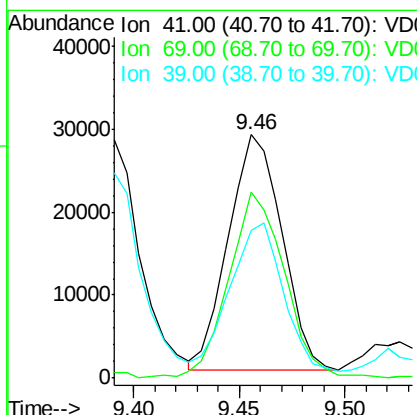
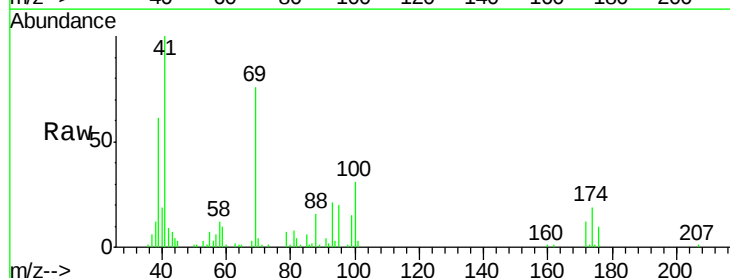
RT: 9.46 min Scan# 1281

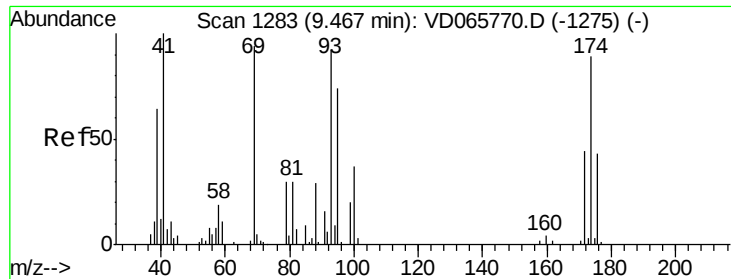
Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Tgt Ion:	41	Resp:	49839
Ion Ratio	Lower	Upper	
41	100		
69	82.4	60.9	91.3
39	69.7	48.1	72.1





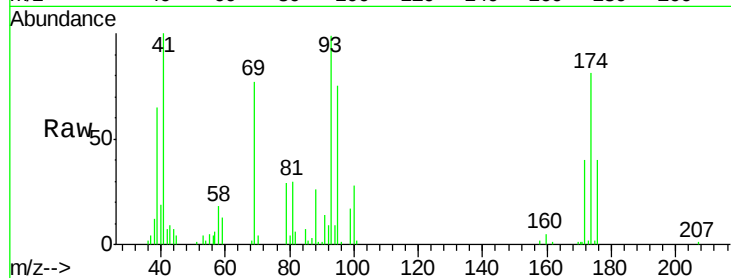
#49
1,4-Dioxane
Concen: 1164.093 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.9	32.2	48.4
58	76.2	54.9	82.3

Manual Integrations
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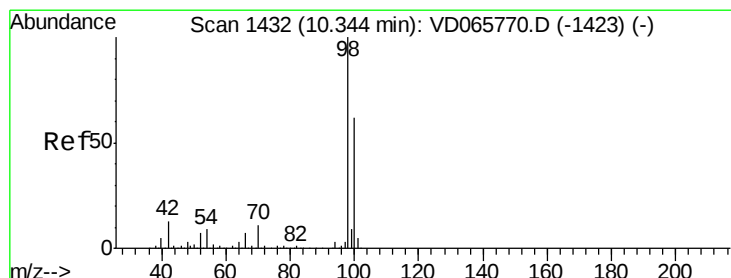
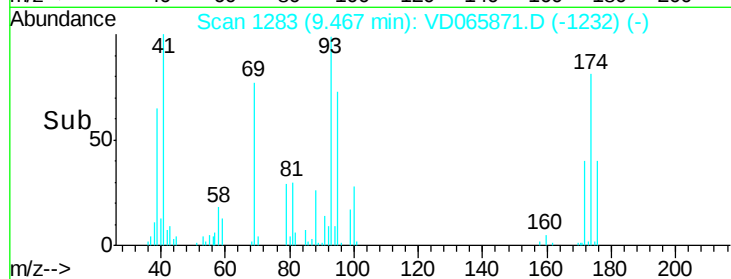
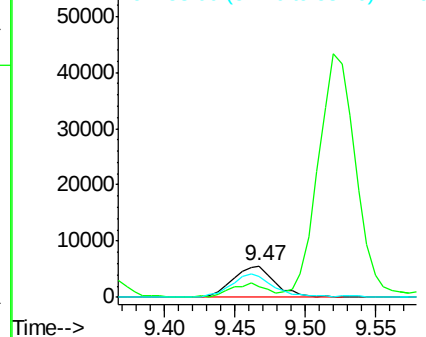


Abundance

Ion 88.00 (87.70 to 88.70): VDC

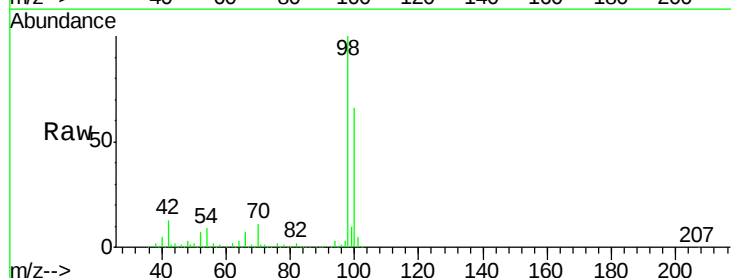
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 54.597 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

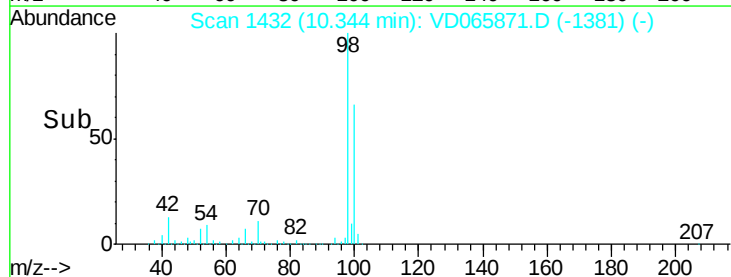
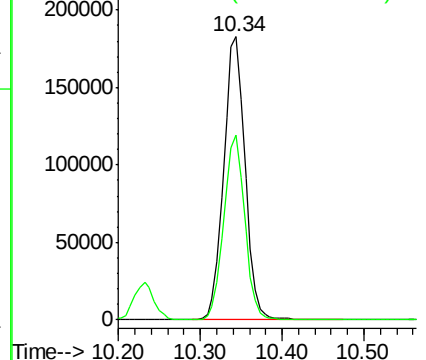
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.2

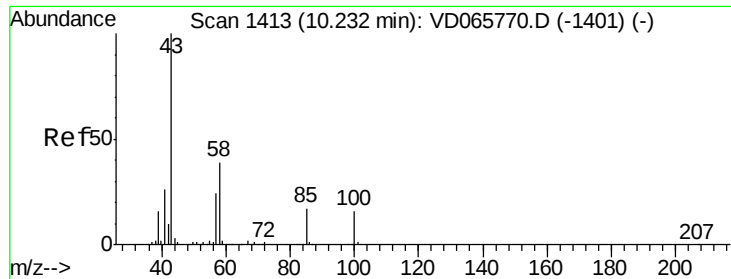


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





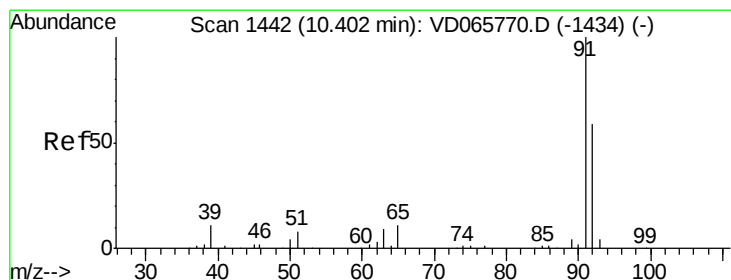
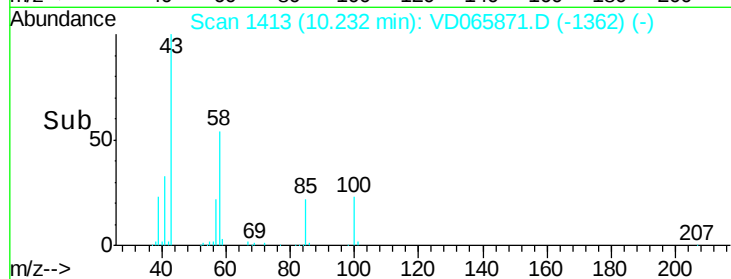
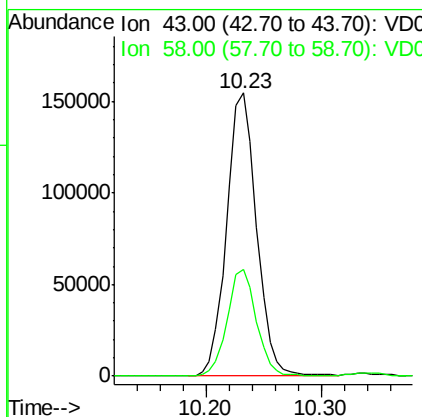
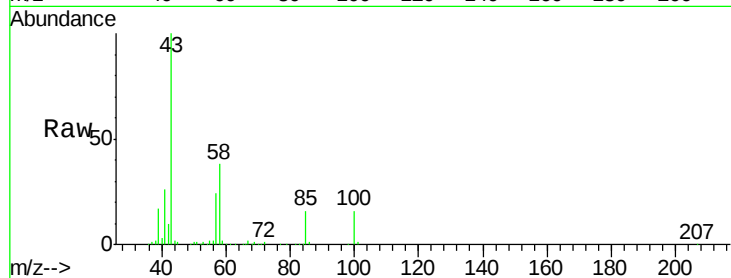
#51
4-Methyl-2-Pentanone
Concen: 293.056 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 278727
Ion Ratio Lower Upper
43 100
58 36.8 30.7 46.1

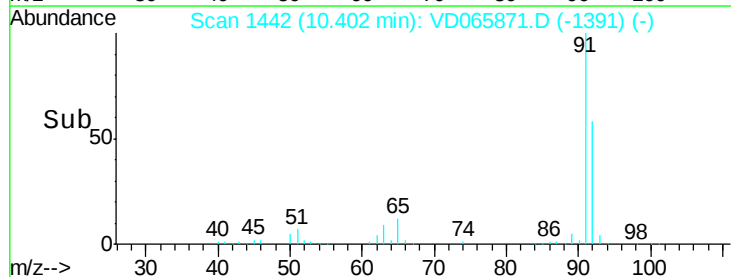
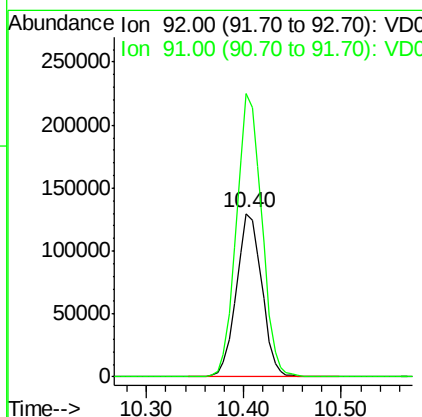
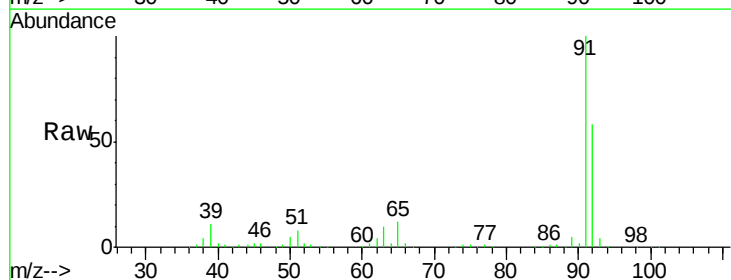
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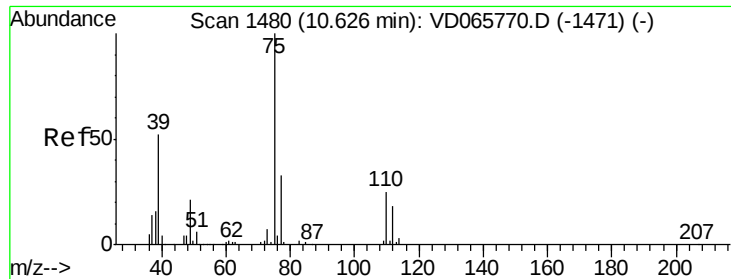
MMDadoda
6/24/2020 10:52:40 AM



#52
Toluene
Concen: 53.432 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 92 Resp: 235206
Ion Ratio Lower Upper
92 100
91 172.3 137.8 206.8





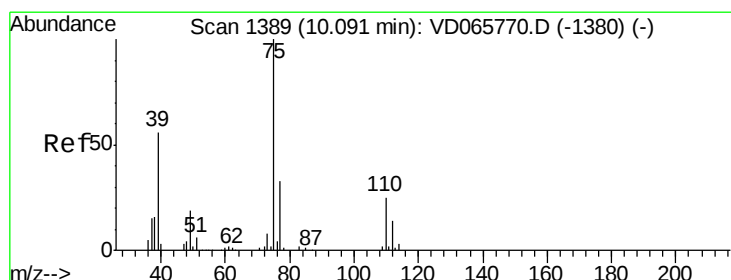
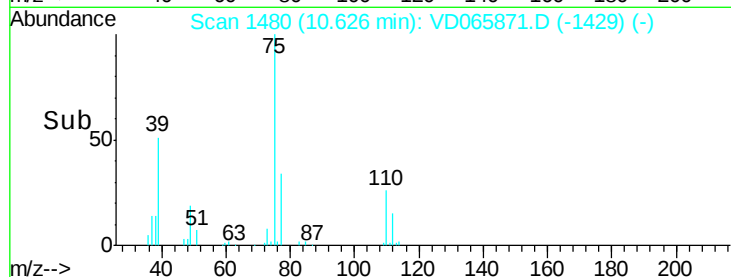
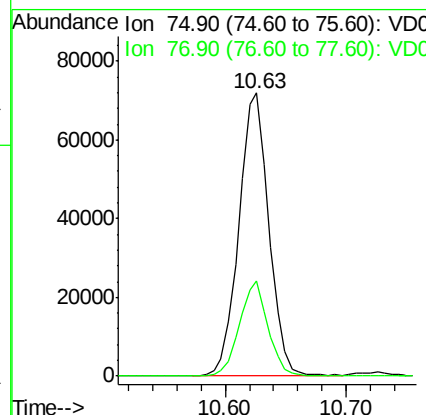
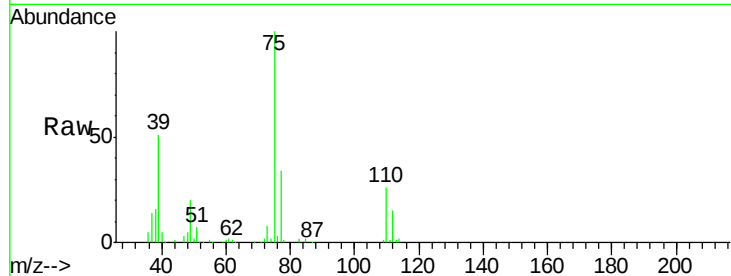
#53
t-1,3-Dichloropropene
Concen: 55.617 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 124596
Ion Ratio Lower Upper
75 100
77 33.5 26.4 39.6

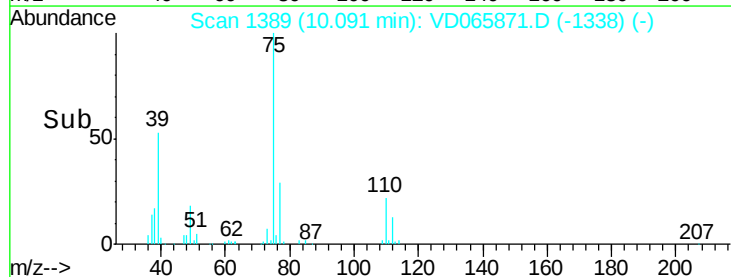
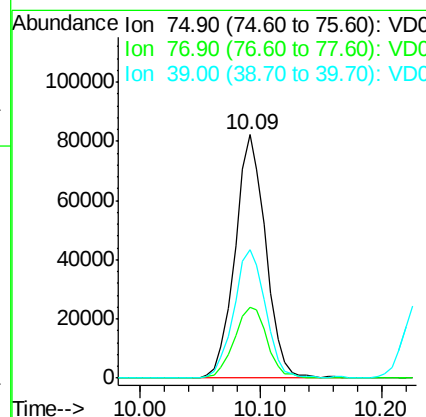
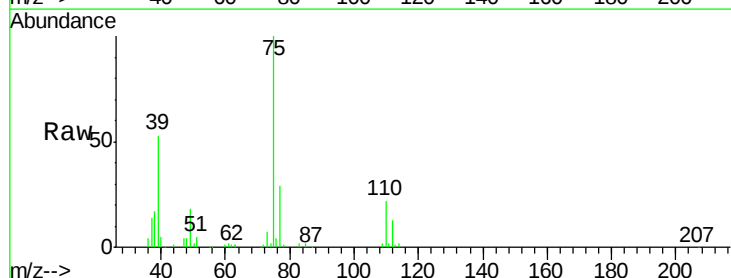
Manual Integrations
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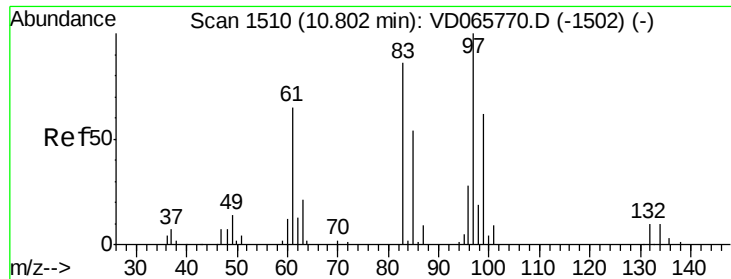
MMDadoda
6/24/2020 10:52:40 AM



#54
cis-1,3-Dichloropropene
Concen: 54.766 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 75 Resp: 144901
Ion Ratio Lower Upper
75 100
77 29.3 26.0 39.0
39 52.5 45.0 67.6





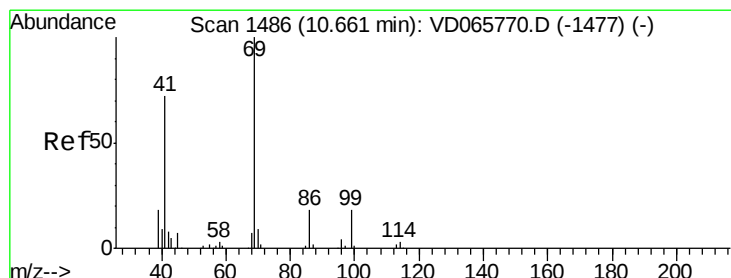
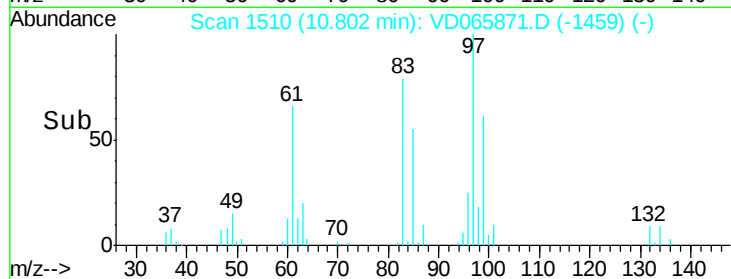
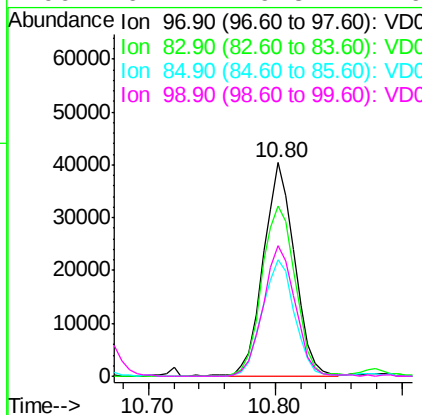
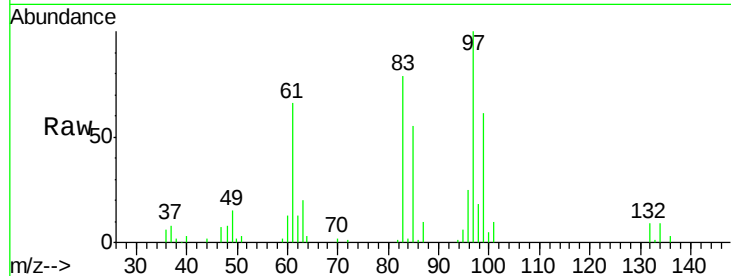
#55
 1,1,2-Trichloroethane
 Concen: 56.313 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	69466
Ion	Ratio	Lower	Upper
97	100		
83	79.4	68.7	103.1
85	54.6	43.0	64.6
99	61.1	49.8	74.6

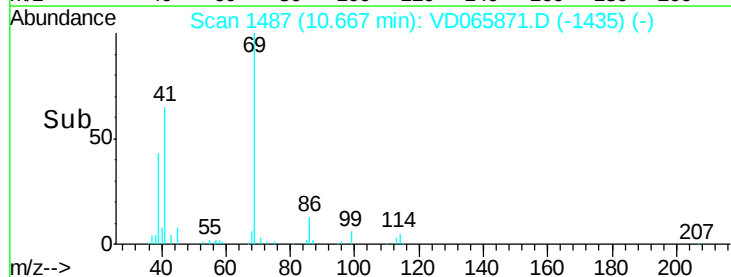
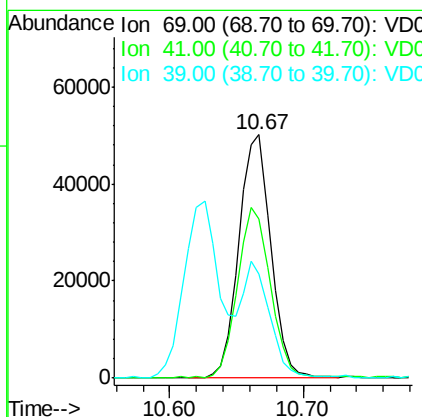
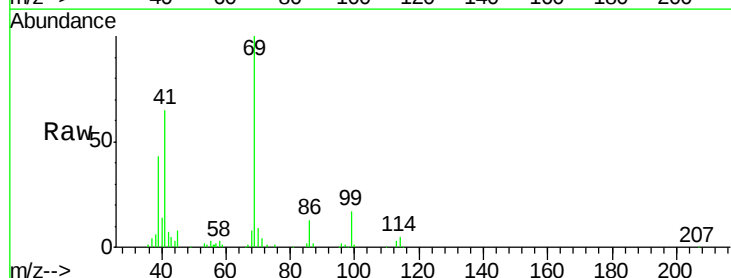
Manual Integrations
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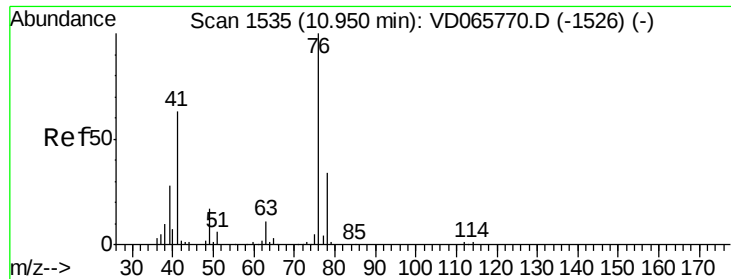
MMDadoda
 6/24/2020 10:52:40 AM



#56
 Ethyl methacrylate
 Concen: 57.444 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion:	69	Resp:	83347
Ion	Ratio	Lower	Upper
69	100		
41	72.5	56.9	85.3
39	38.5	36.0	54.0





#57

1,3-Dichloropropane

Concen: 55.929 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 119529

Ion Ratio Lower Upper

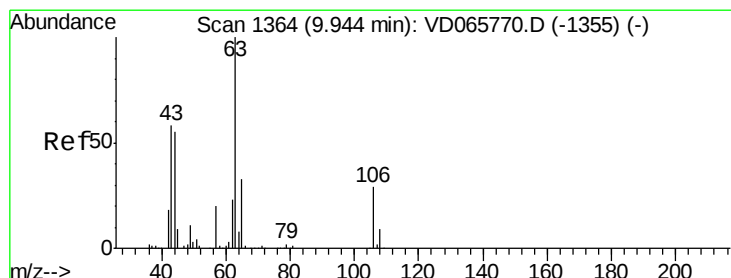
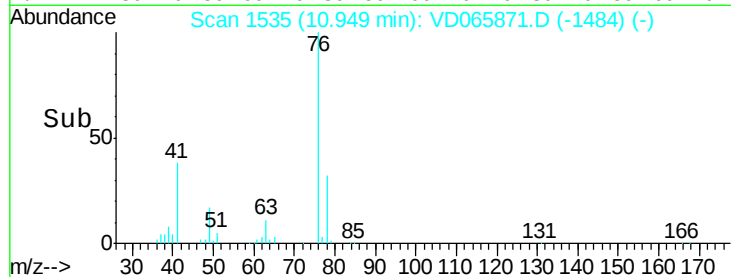
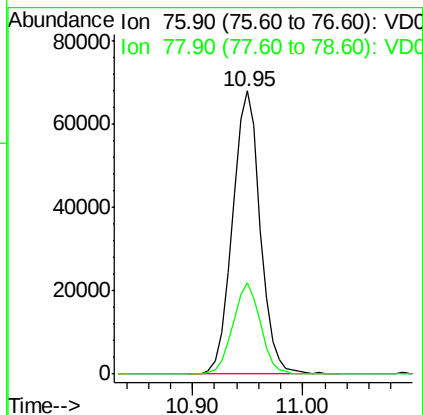
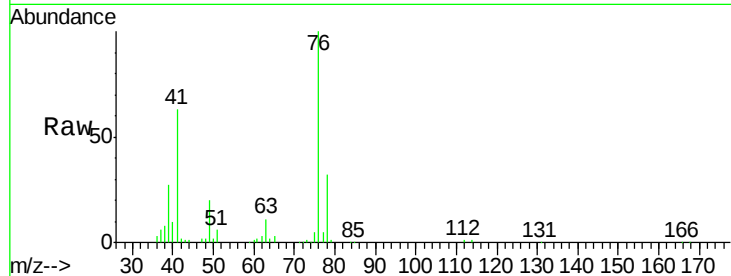
76 100

78 32.1 26.3 39.5

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#58

2-Chloroethyl Vinyl ether

Concen: 308.425 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD065871.D

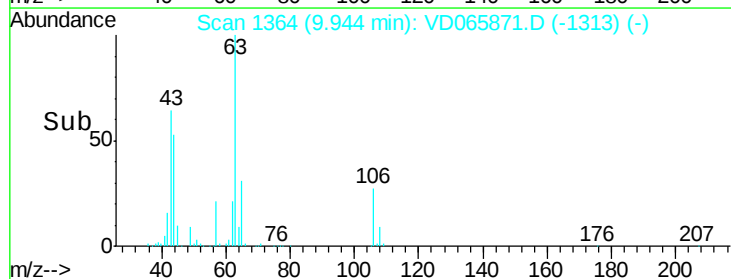
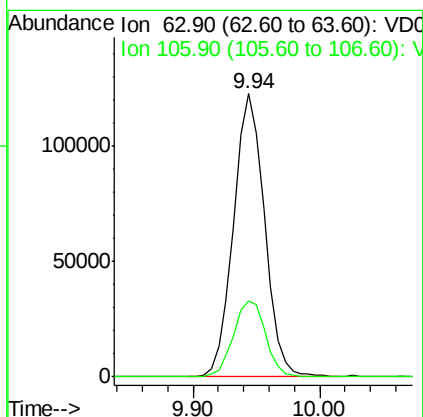
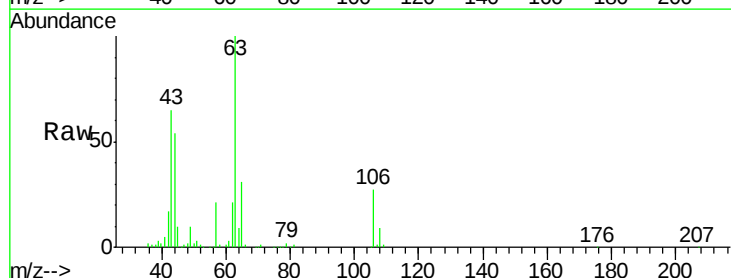
Acq: 23 Jun 2020 20:13

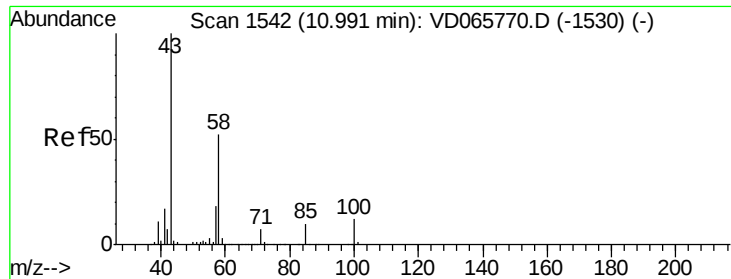
Tgt Ion: 63 Resp: 208051

Ion Ratio Lower Upper

63 100

106 27.8 23.2 34.8





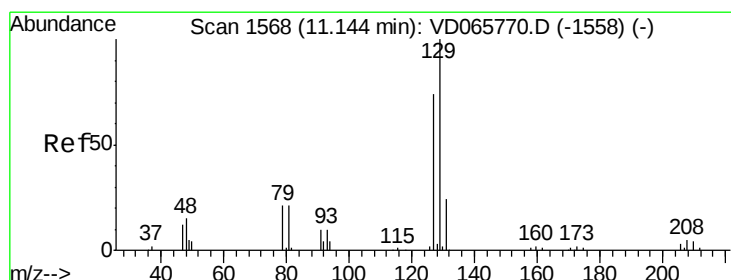
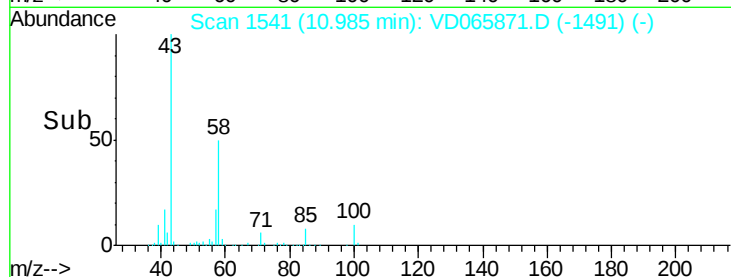
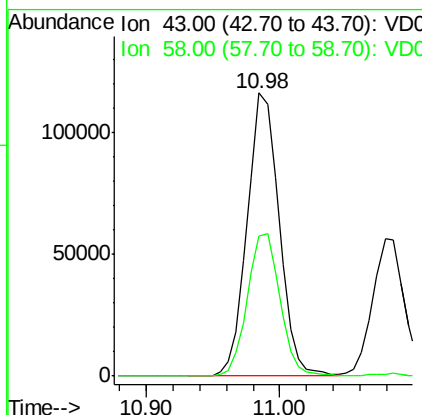
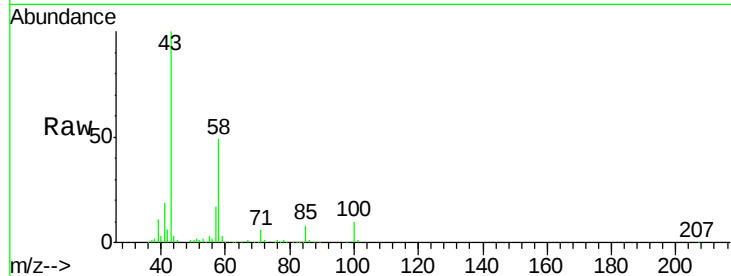
#59
2-Hexanone
Concen: 299.311 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 191926
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.0

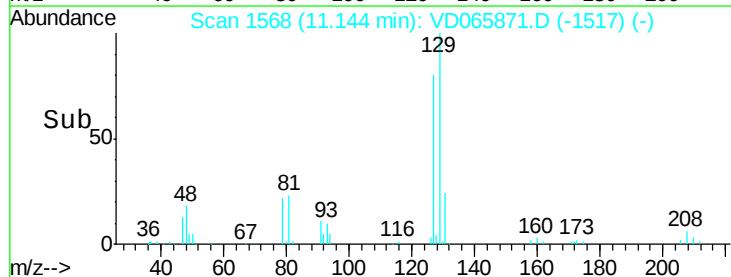
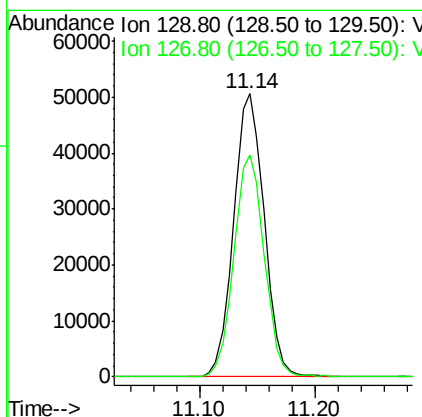
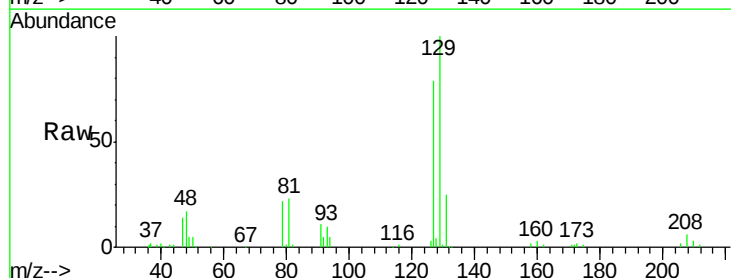
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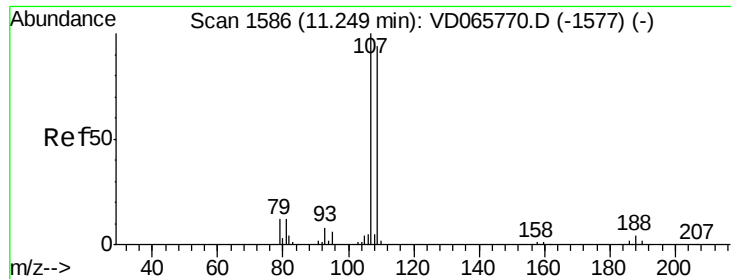
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#60
Dibromochloromethane
Concen: 55.501 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 129 Resp: 92488
Ion Ratio Lower Upper
129 100
127 78.0 38.0 113.9





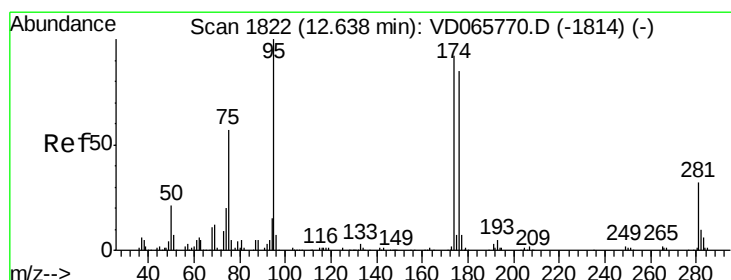
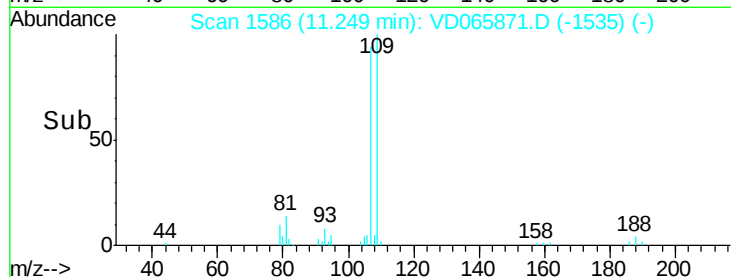
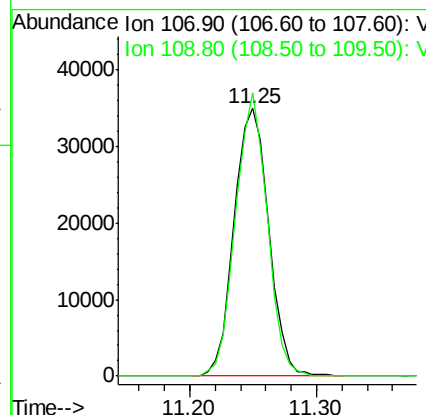
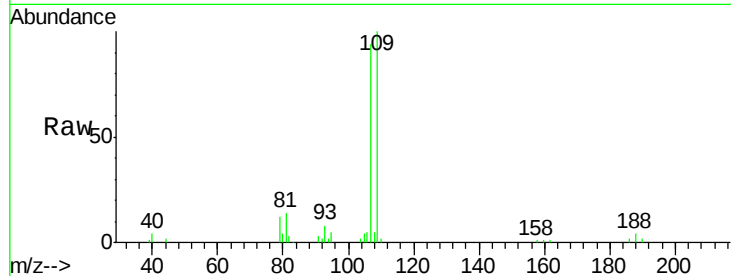
#61
 1,2-Dibromoethane
 Concen: 54.526 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.6	74.4	111.6

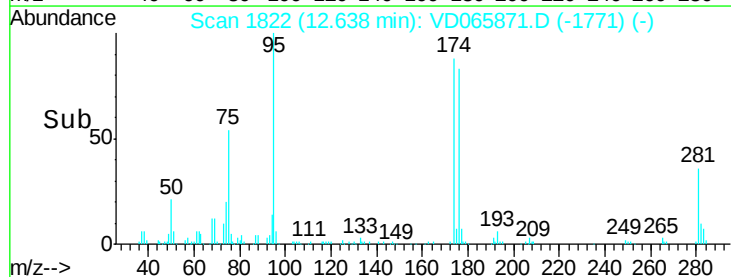
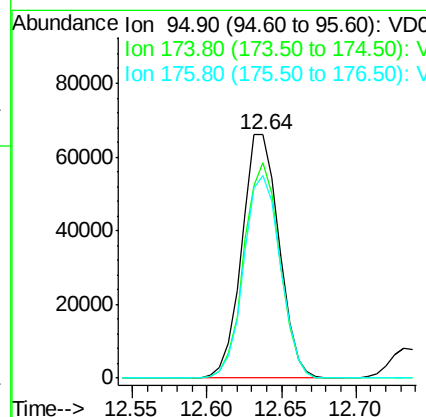
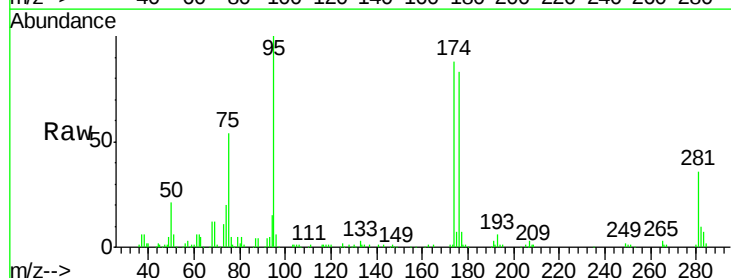
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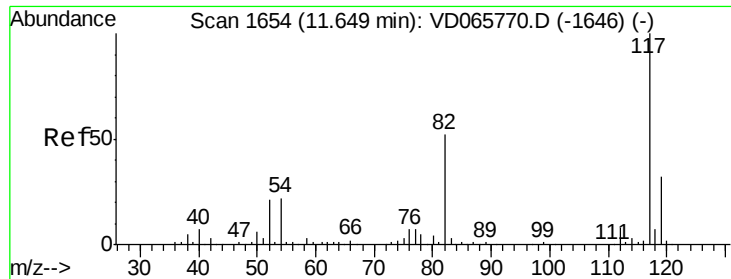
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#62
 4-Bromofluorobenzene
 Concen: 55.227 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	175.2
176	81.9	0.0	163.0





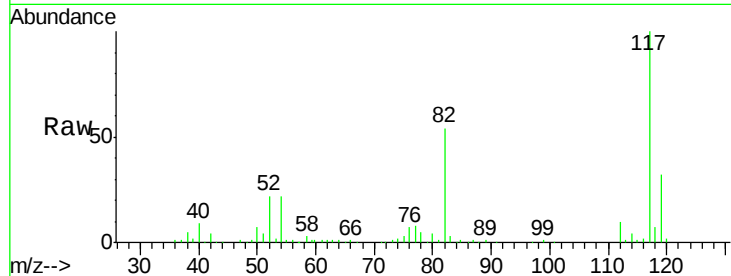
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.9	62.9
119	31.6	25.3	37.9

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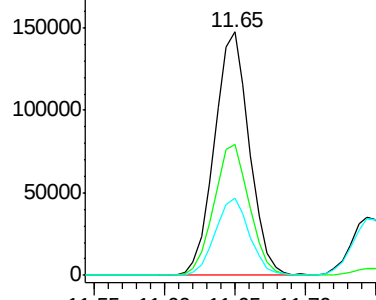


Abundance

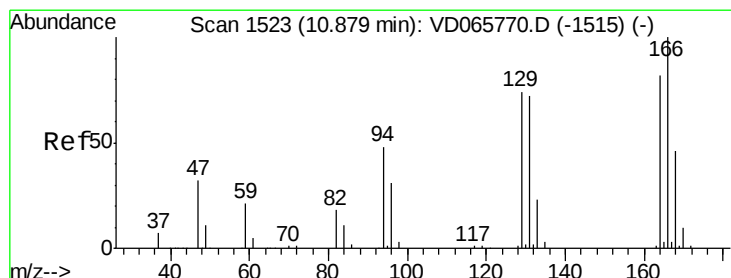
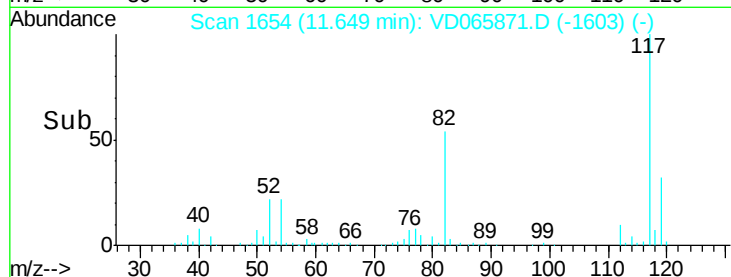
Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



Time-->



#64
Tetrachloroethene
Concen: 46.570 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	98.2	147.2
129	98.5	72.3	108.5
131	93.1	70.5	105.7

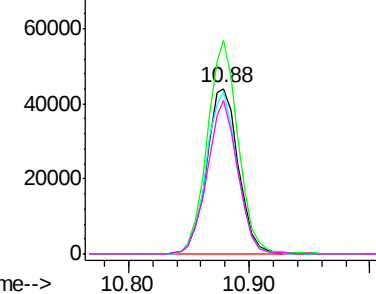
Abundance

Ion 163.80 (163.50 to 164.50): V

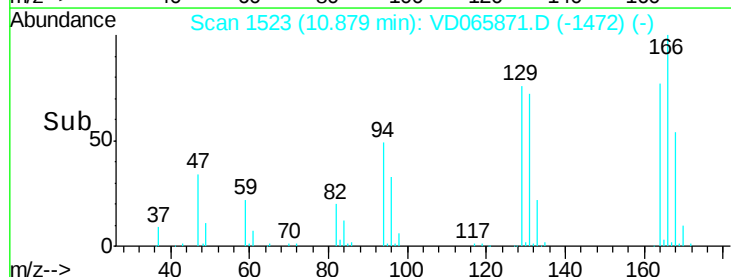
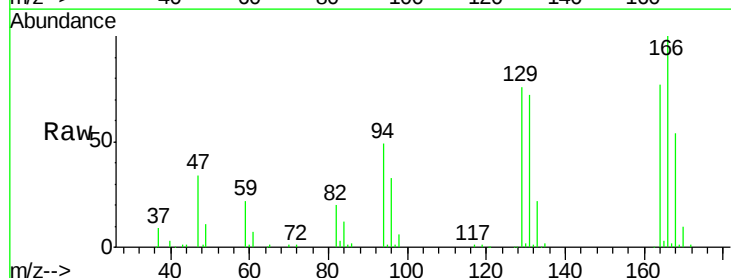
Ion 165.80 (165.50 to 166.50): V

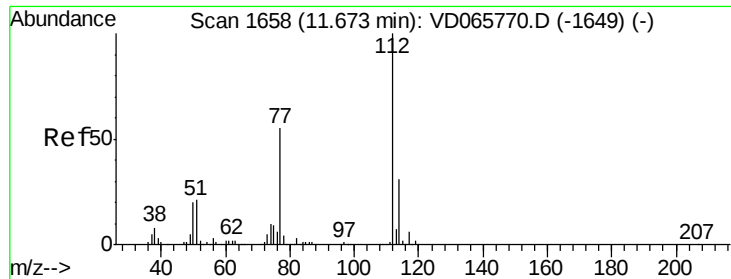
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->





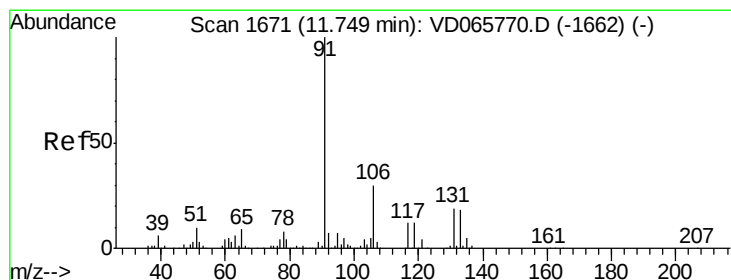
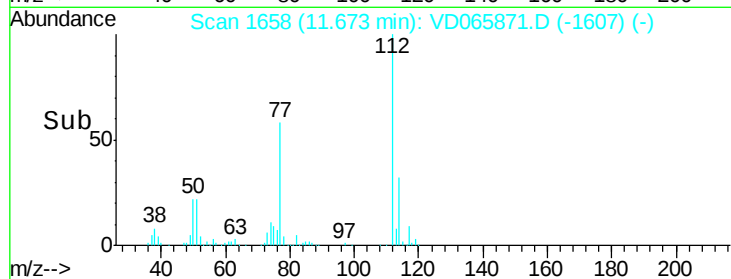
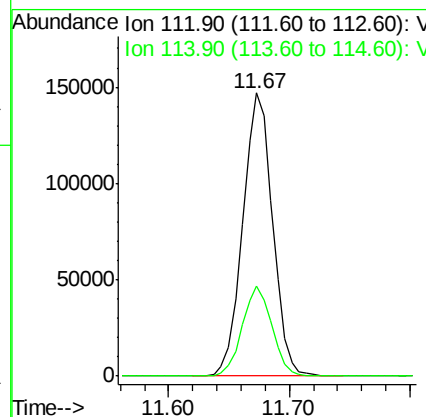
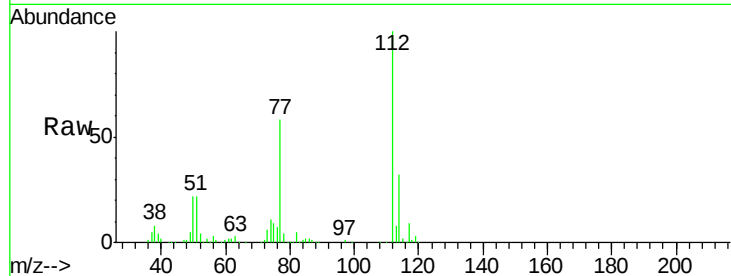
#65
Chlorobenzene
Concen: 50.723 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 253043
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

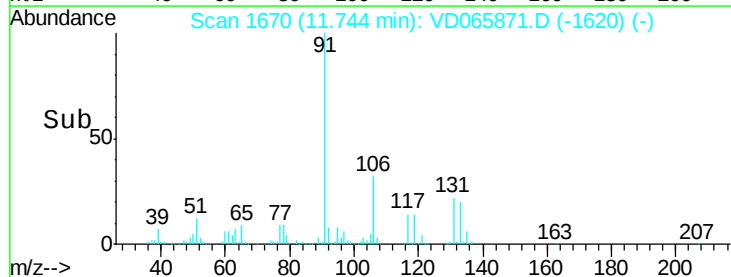
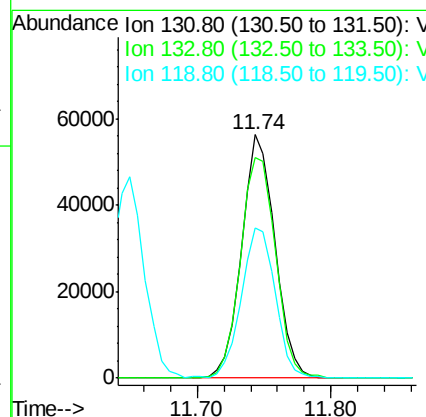
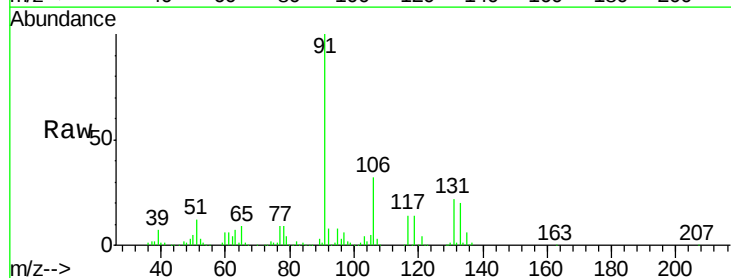
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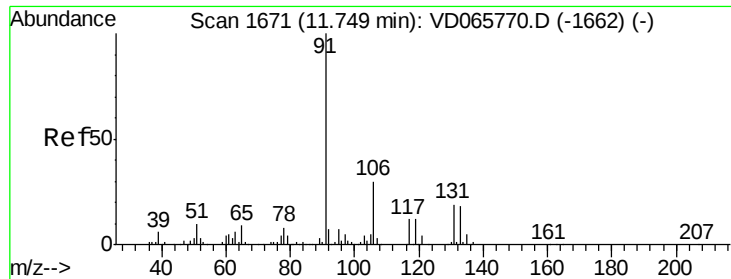
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.148 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion:131 Resp: 96973
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.9
119 63.2 31.6 94.8





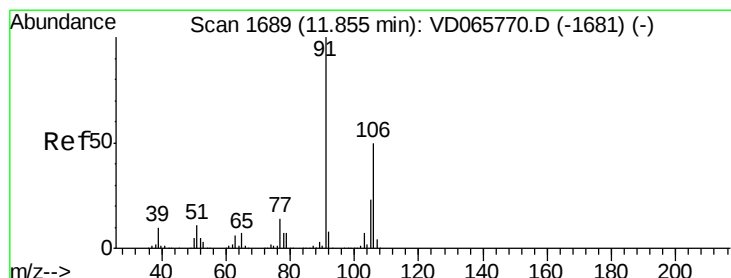
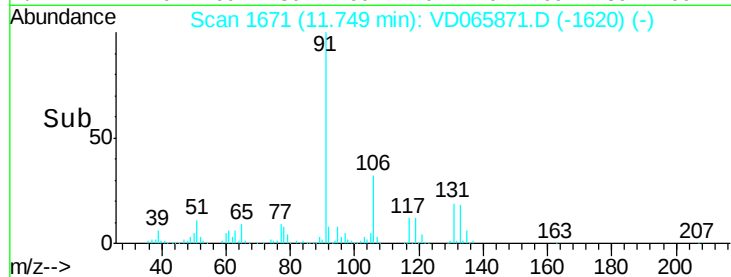
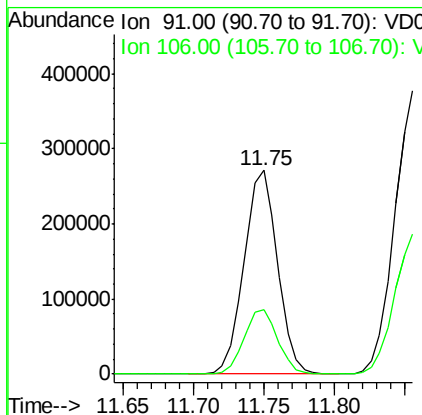
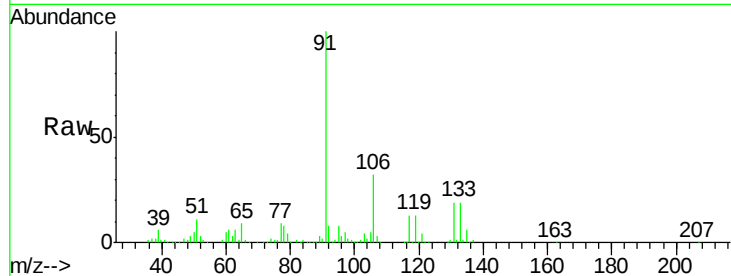
#67
Ethyl Benzene
Concen: 50.617 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 451100
Ion Ratio Lower Upper
91 100
106 31.6 24.1 36.1

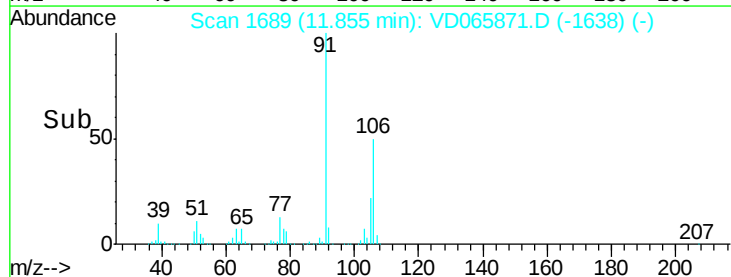
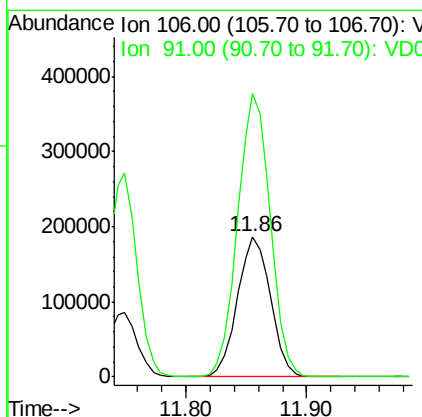
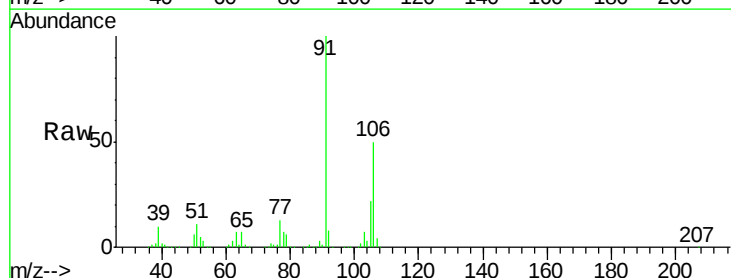
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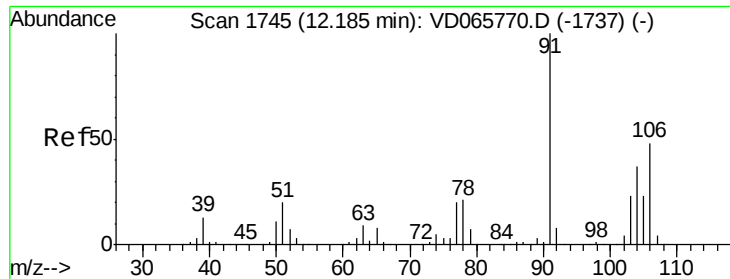
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#68
m/p-Xylenes
Concen: 103.450 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion: 106 Resp: 355123
Ion Ratio Lower Upper
106 100
91 200.2 159.4 239.2





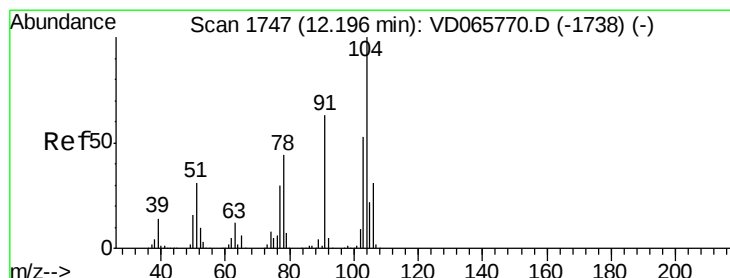
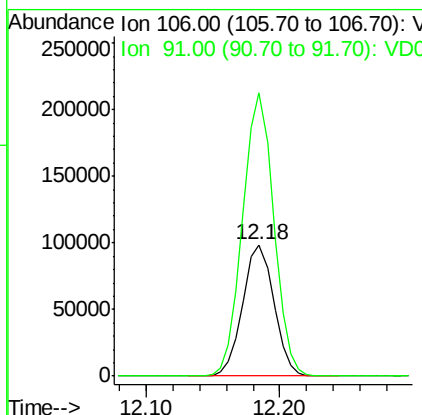
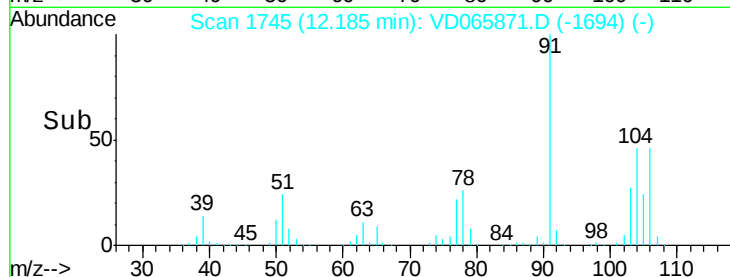
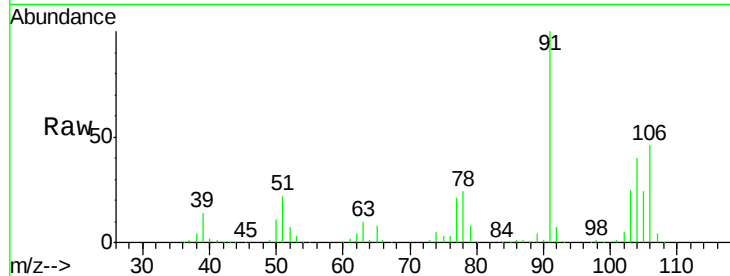
#69
o-Xylene
Concen: 51.700 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 160020
Ion Ratio Lower Upper
106 100
91 213.9 105.3 315.8

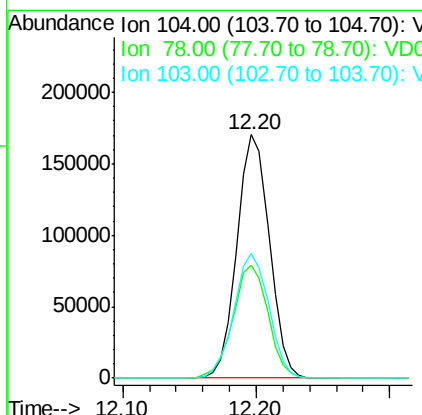
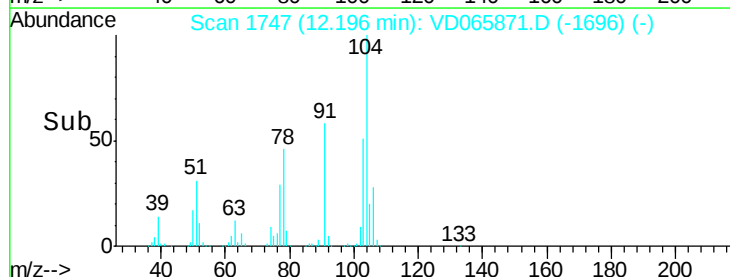
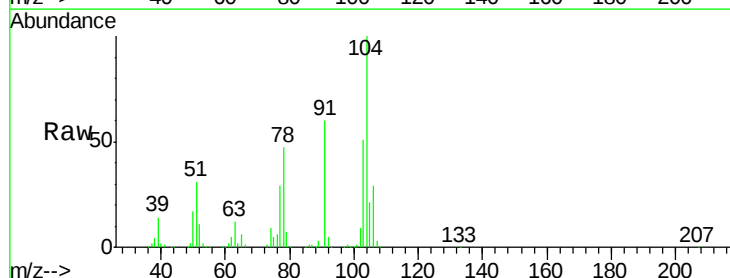
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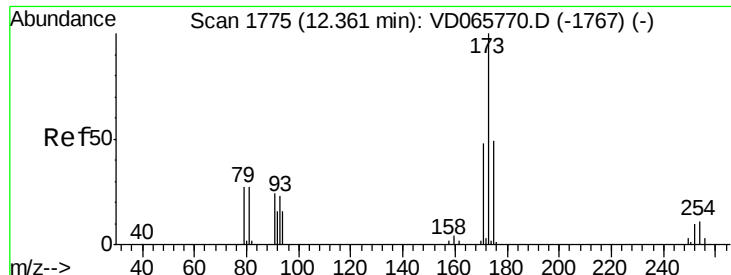
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#70
Styrene
Concen: 53.647 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion:104 Resp: 287445
Ion Ratio Lower Upper
104 100
78 50.2 38.6 58.0
103 54.8 43.9 65.9





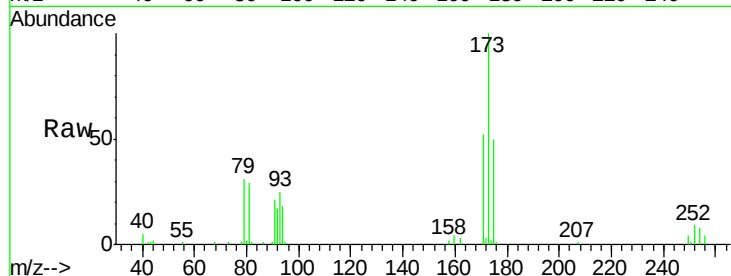
#71
Bromoform
Concen: 53.360 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

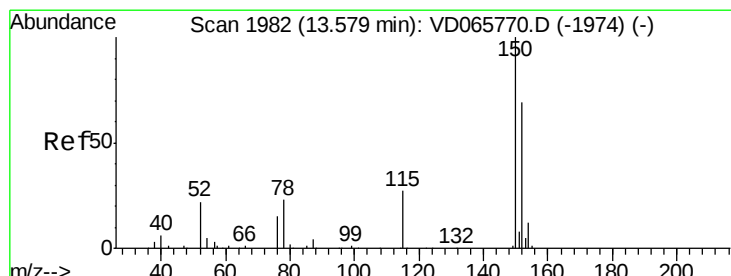
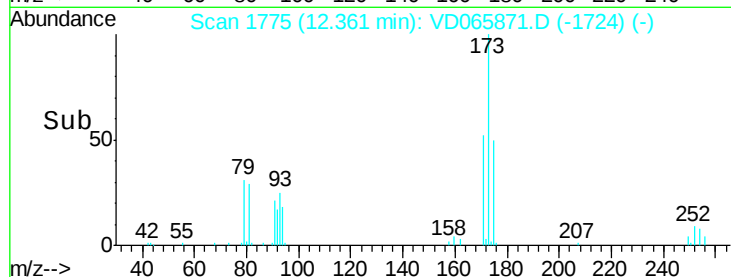
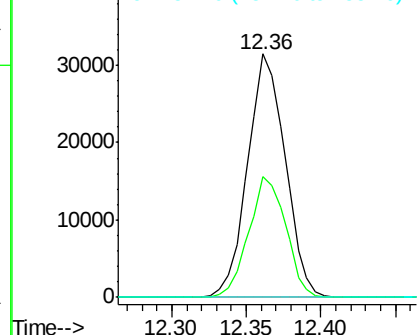
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.8	74.4
254	0.0	0.0	0.0

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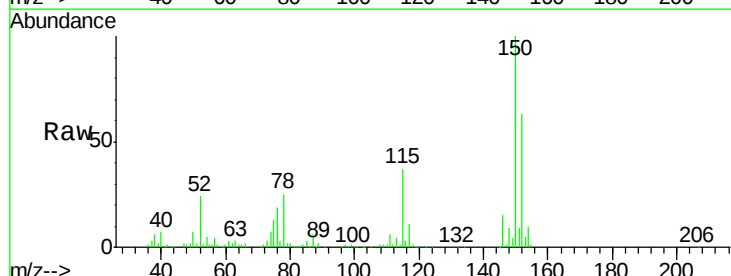


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

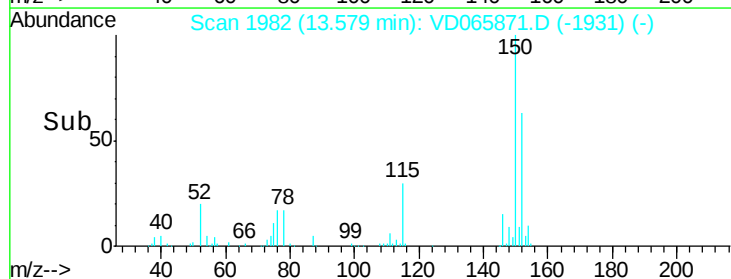
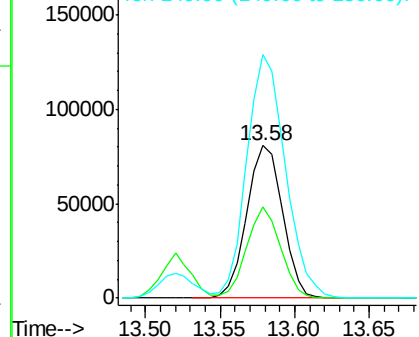


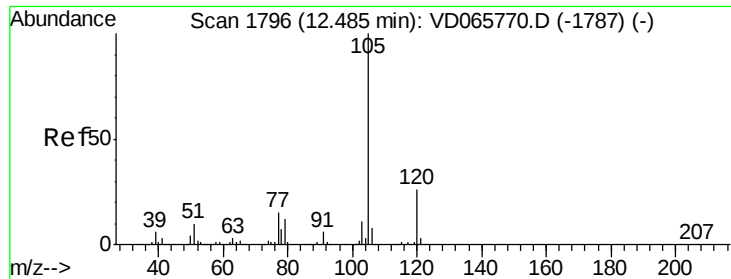
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.7	86.1
150	172.5	0.0	348.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





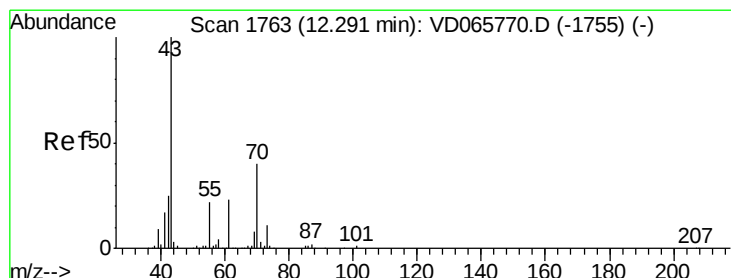
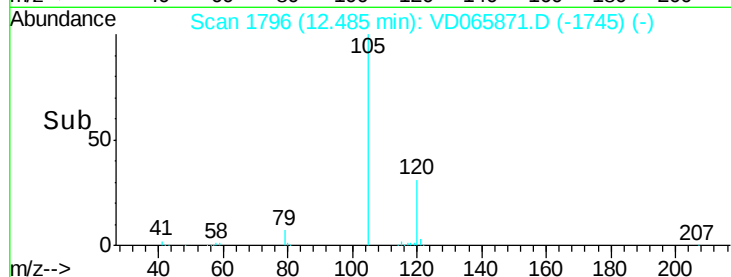
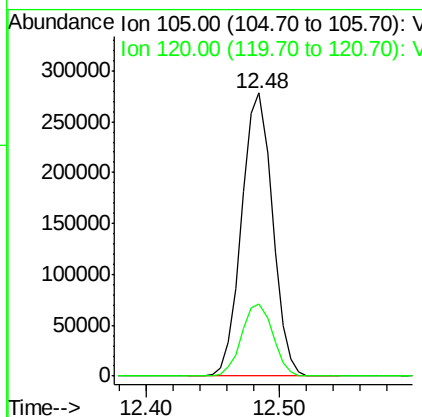
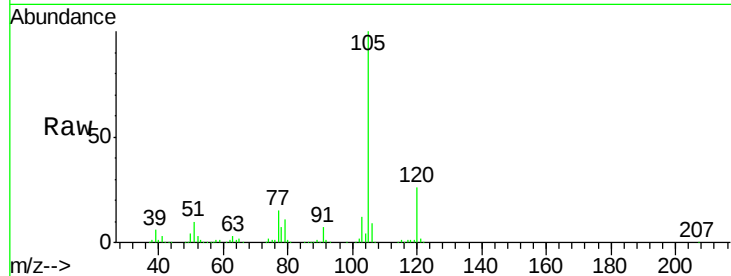
#73
Isopropylbenzene
Concen: 49.681 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.5	40.5

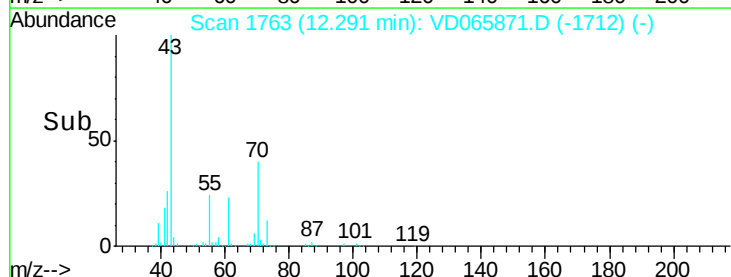
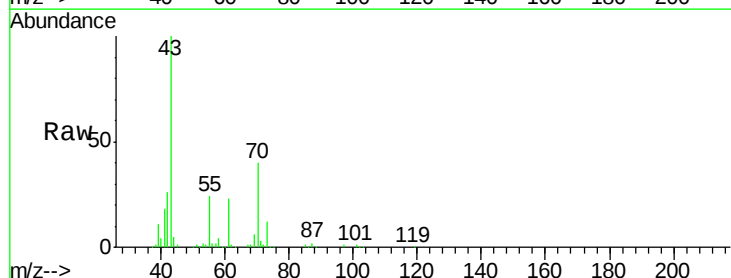
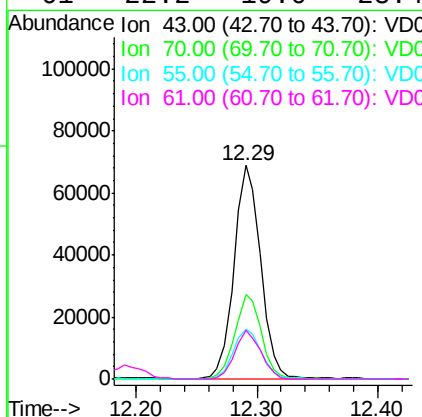
Manual Integrations
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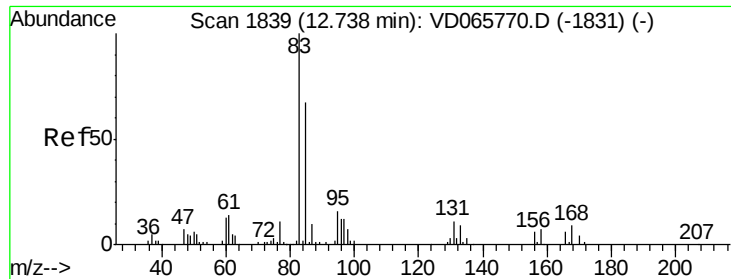
MMDadoda
6/24/2020 10:52:40 AM



#74
N-ethyl acetate
Concen: 53.208 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.2	32.3	48.5
55	24.6	19.0	28.4
61	22.2	19.0	28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.846 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

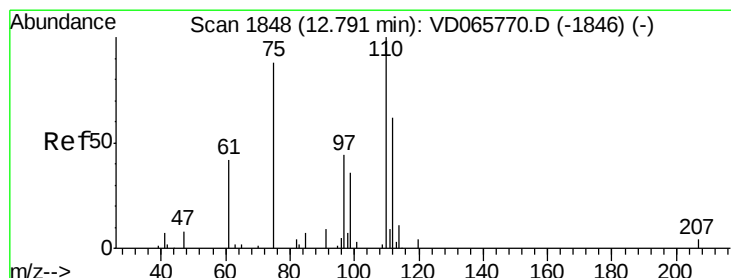
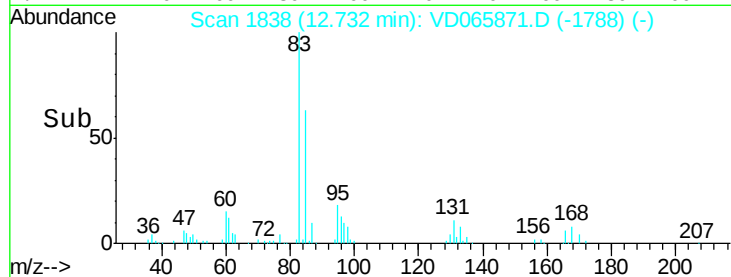
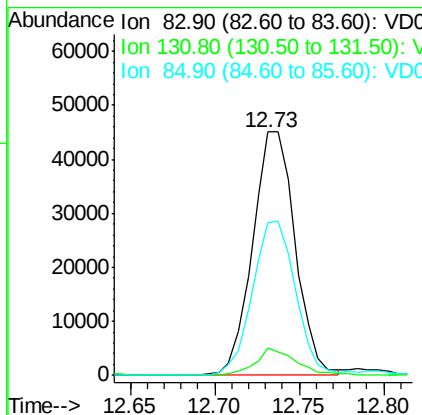
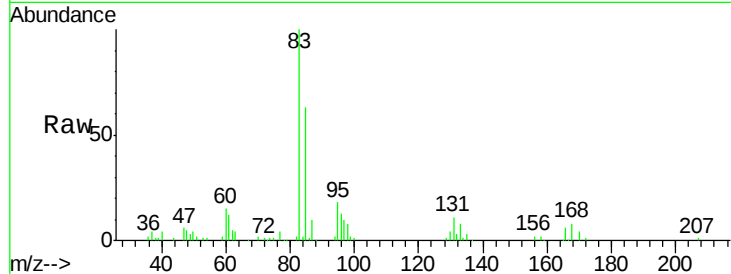
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	78601
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	65.7	32.5	97.5

Manual Integrations
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MMDadoda
6/24/2020 10:52:40 AM



#76

1,2,3-Trichloropropane

Concen: 54.391 ug/l m

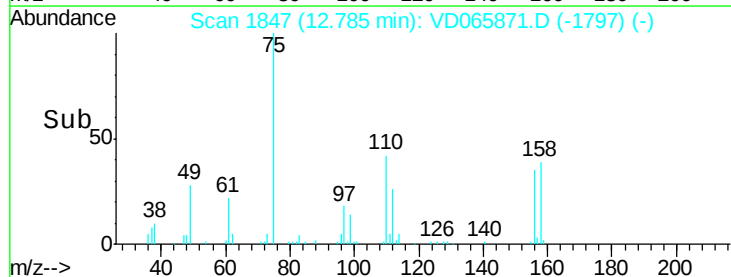
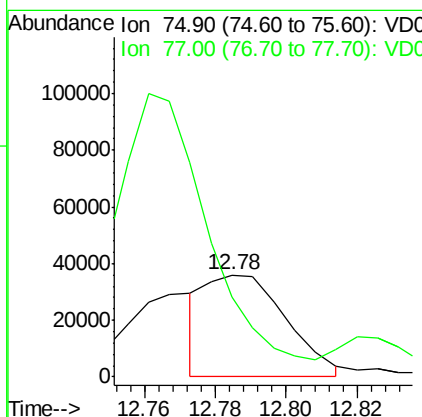
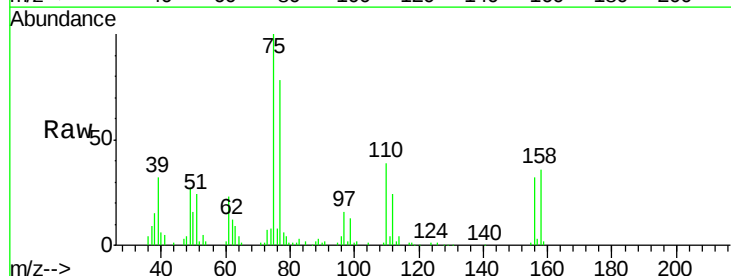
RT: 12.78 min Scan# 1847

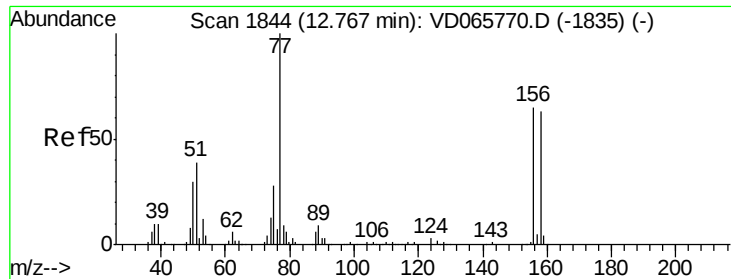
Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Tgt Ion:	75	Resp:	56636
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





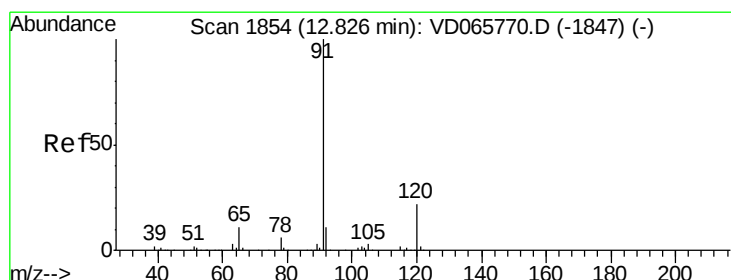
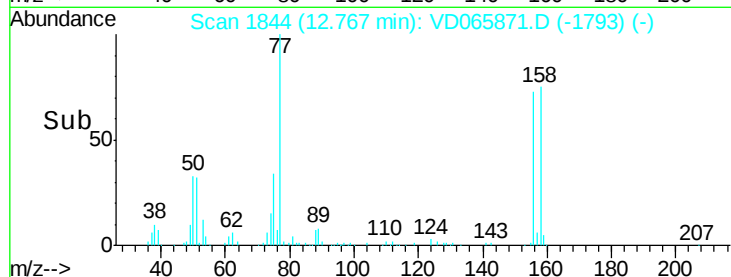
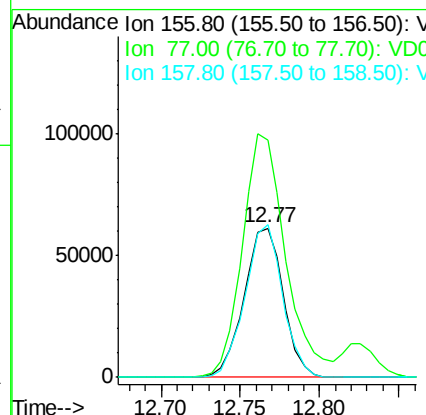
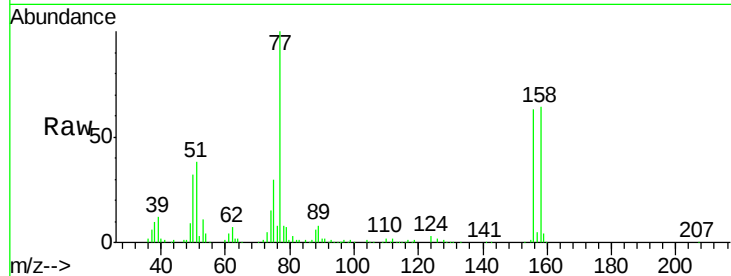
#77
Bromobenzene
Concen: 49.501 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	180.7	87.3	261.8
158	98.2	48.0	144.0

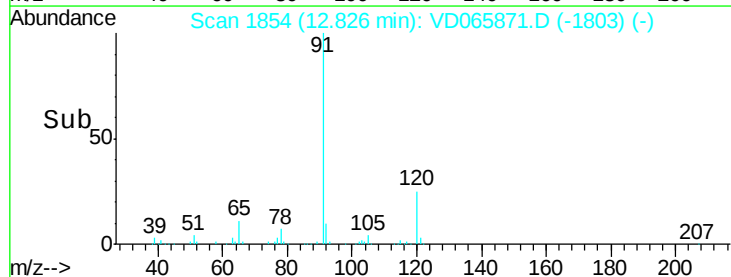
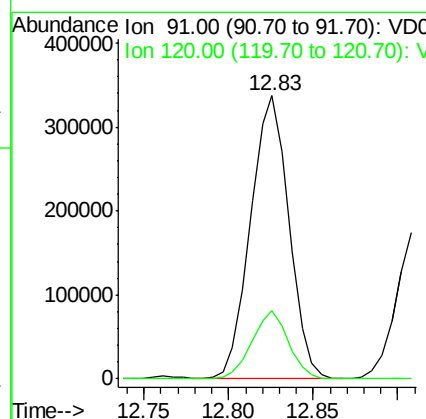
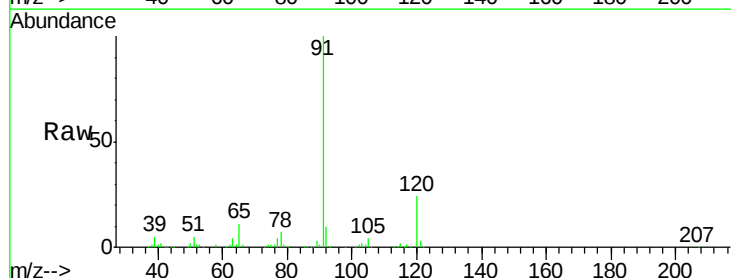
Manual Integrations
APPROVED

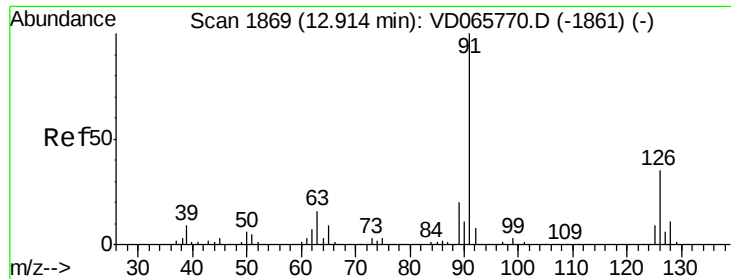
MMDadoda
6/24/2020 10:52:40 AM



#78
n-propylbenzene
Concen: 49.265 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.3	33.8





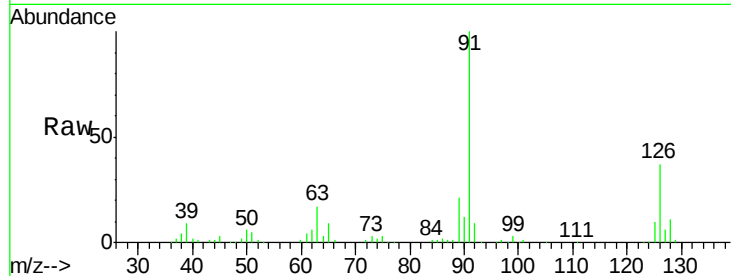
#79
 2-Chlorotoluene
 Concen: 50.012 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

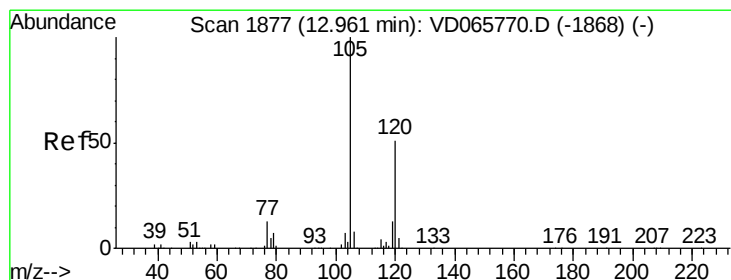
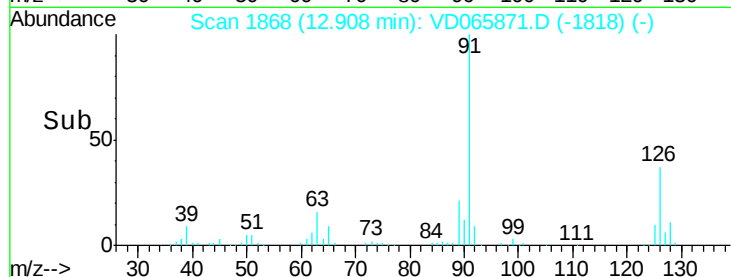
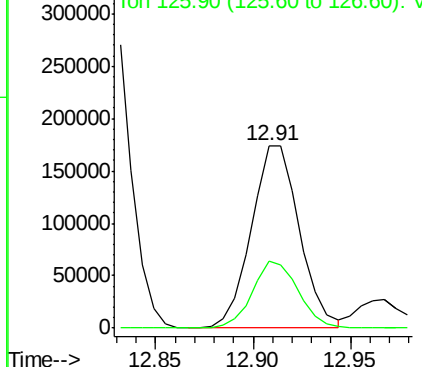
Tot Ion: 91 Resp: 296458
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.5 52.6

Manual Integrations
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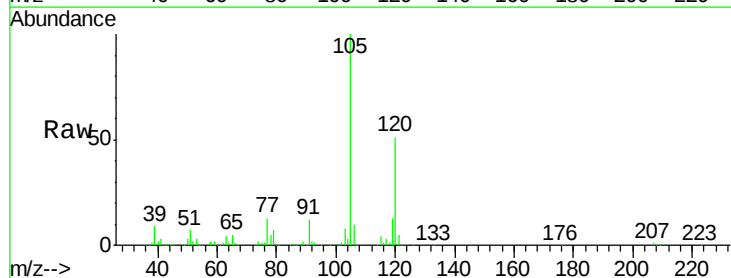


Abundance Ion 91.00 (90.70 to 91.70): VD065770.D (-1861) (-)
 Ion 125.90 (125.60 to 126.60): VD065770.D (-1861) (-)

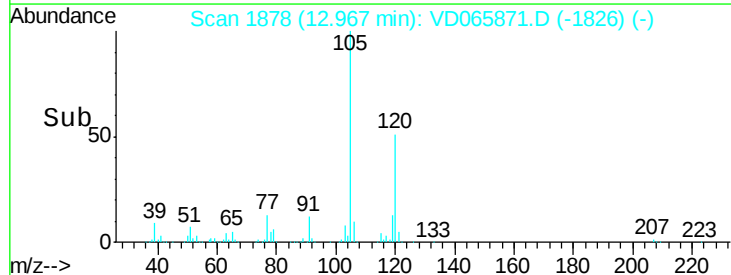
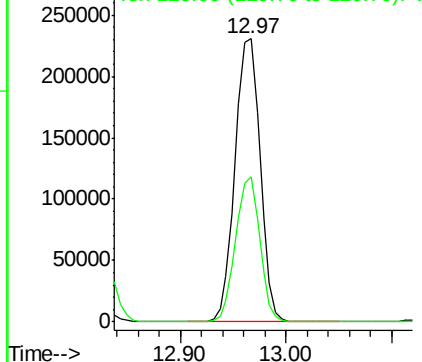


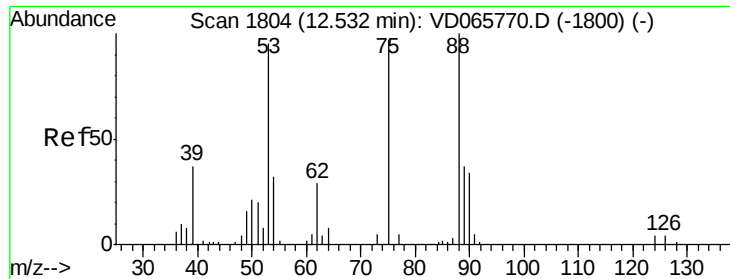
#80
 1,3,5-Trimethylbenzene
 Concen: 50.764 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion: 105 Resp: 379216
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065770.D (-1868) (-)
 Ion 120.00 (119.70 to 120.70): VD065770.D (-1868) (-)





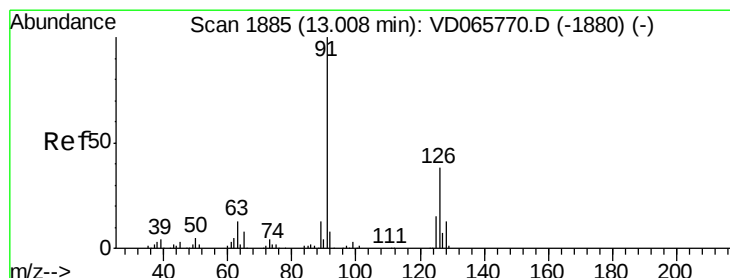
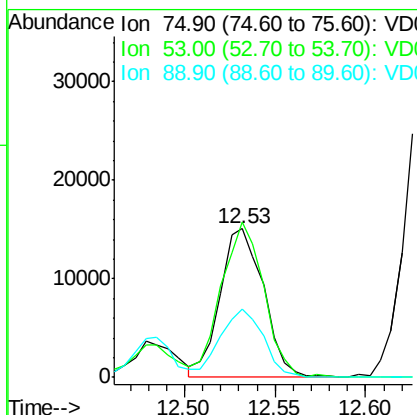
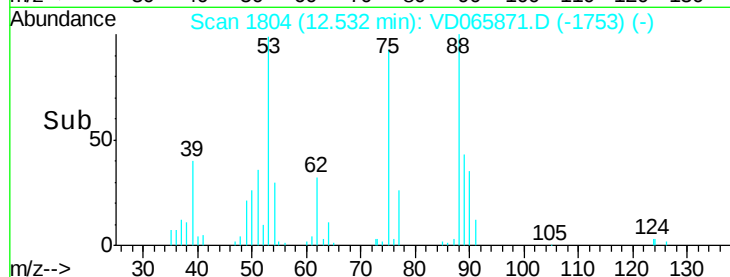
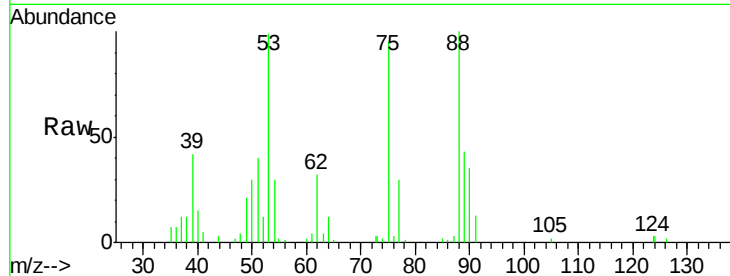
#81
trans-1,4-Dichloro-2-butene
Concen: 52.238 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.3	82.6	123.8
89	44.5	35.9	53.9

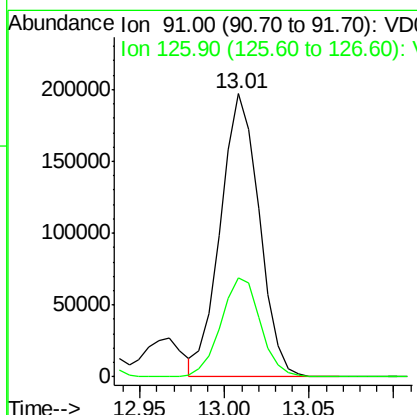
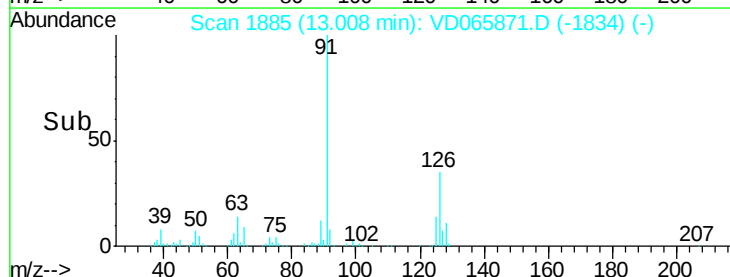
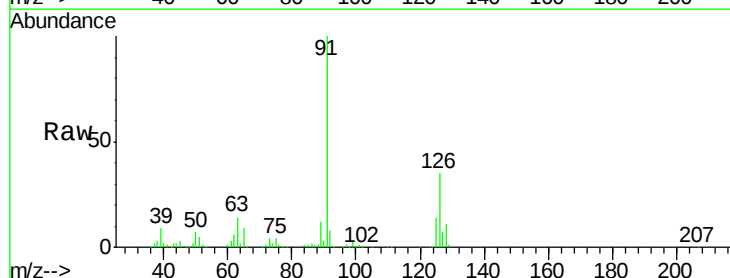
Manual Integrations
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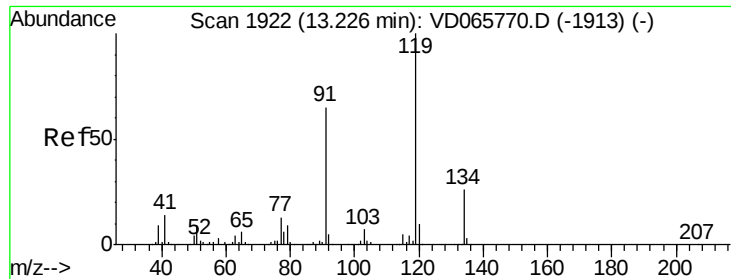
MMDadoda
6/24/2020 10:52:40 AM



#82
4-Chlorotoluene
Concen: 49.566 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.6	52.8





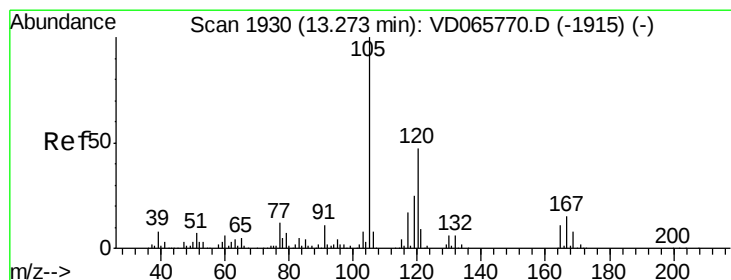
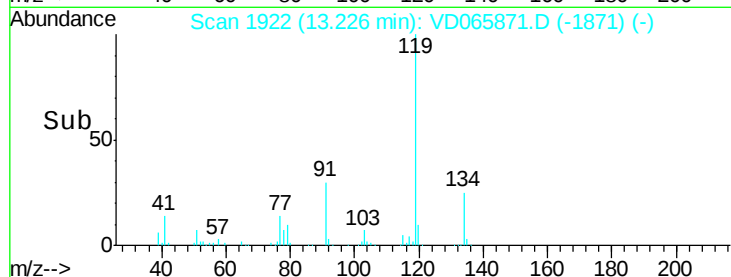
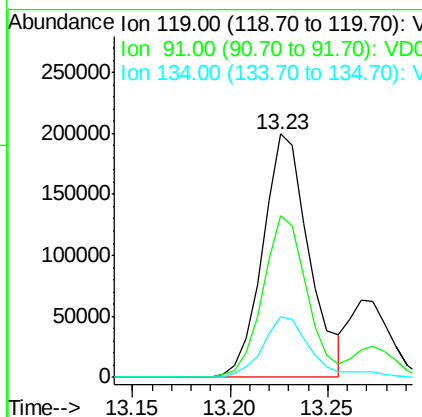
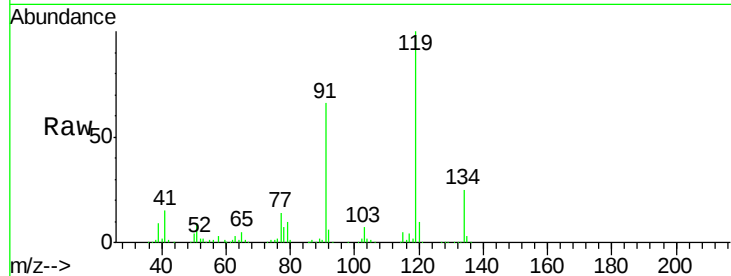
#83
tert-Butylbenzene
Concen: 50.404 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	326710		
91	63.4		32.0	96.0
134	26.4		13.8	41.4

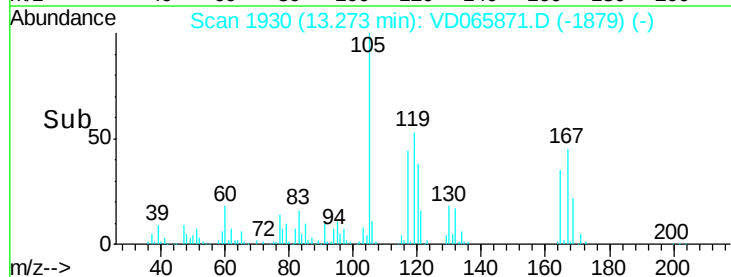
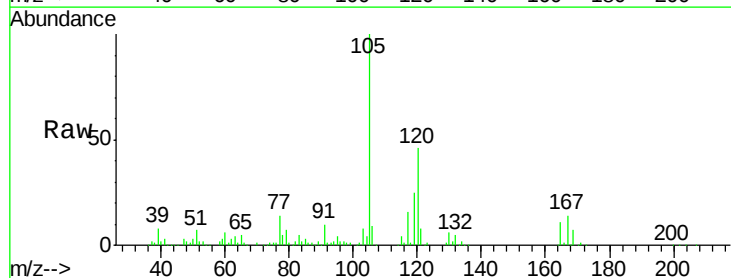
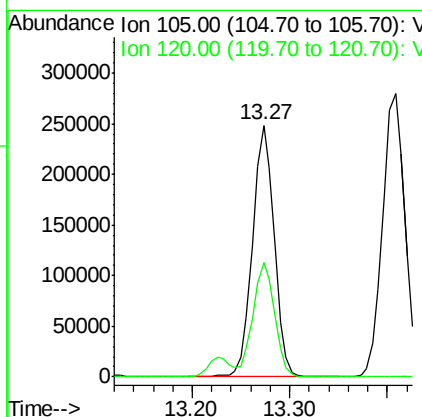
Manual Integrations
APPROVED

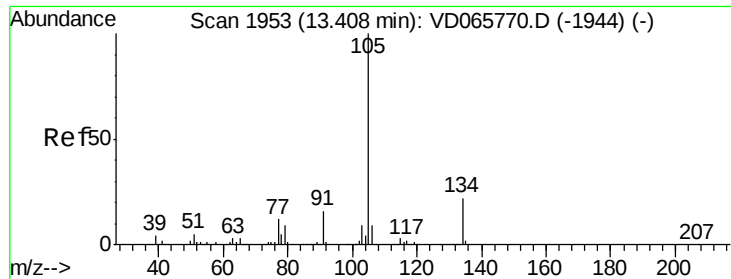
MMDadoda
6/24/2020 10:52:40 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.346 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	383917		
120	45.8		23.3	69.8





#85

sec-Butylbenzene

Concen: 49.420 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 445791

Ion Ratio Lower Upper

105 100

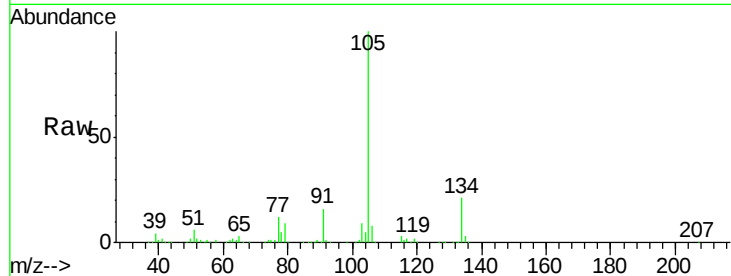
134 20.6 10.4 31.4

Manual Integrations

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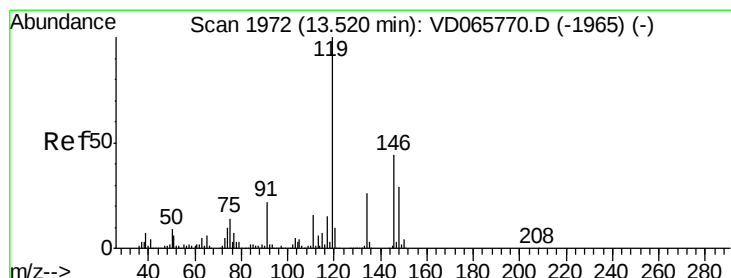
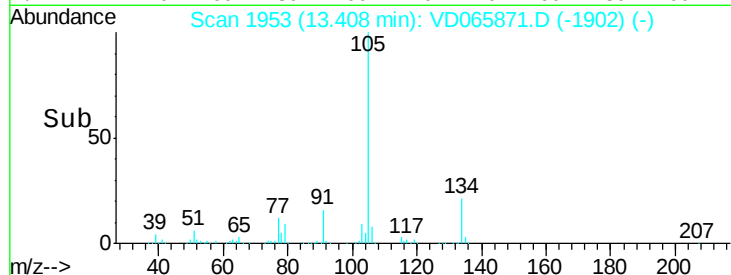
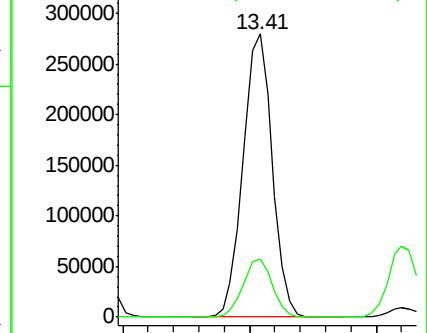
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.995 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

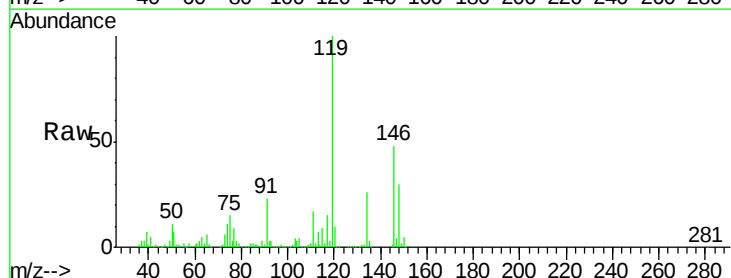
Tgt Ion:119 Resp: 413350

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

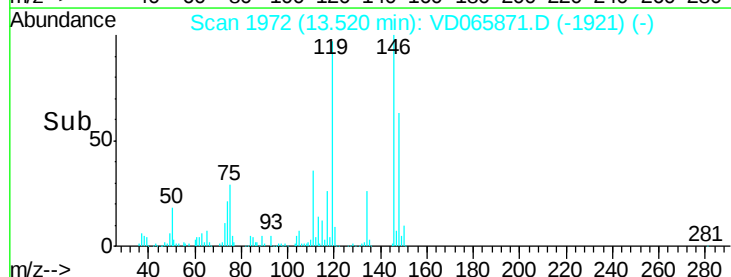
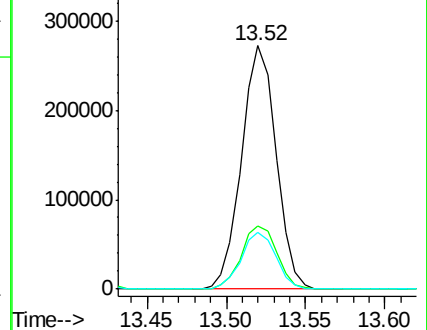
91 23.3 11.8 35.4

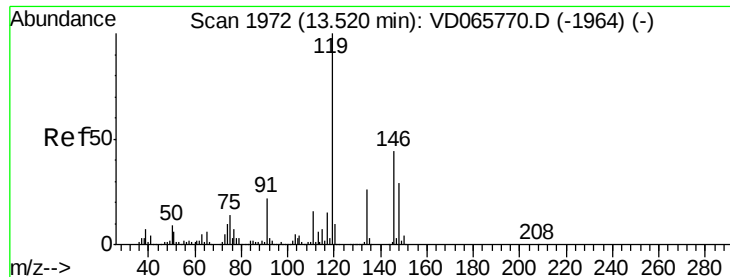


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.658 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

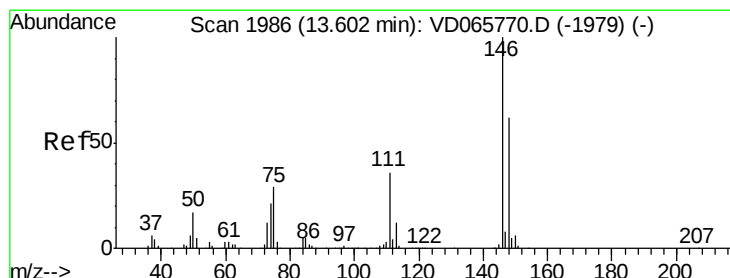
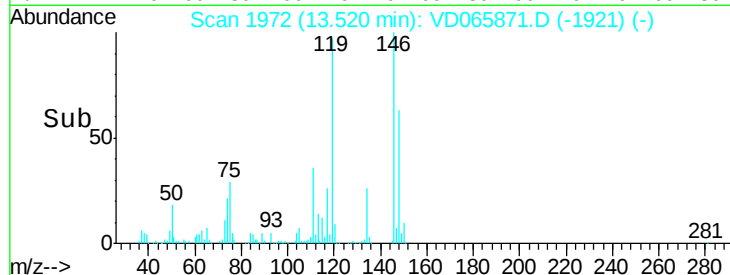
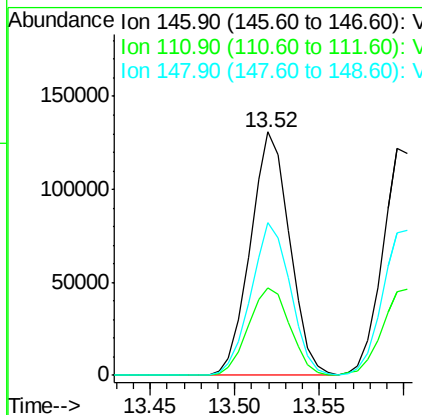
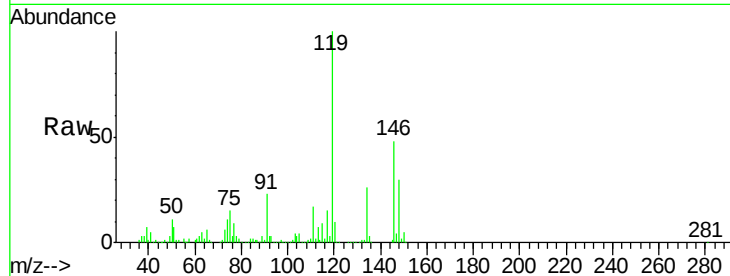
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	212145
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.2	57.6
148	63.1	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.445 ug/l

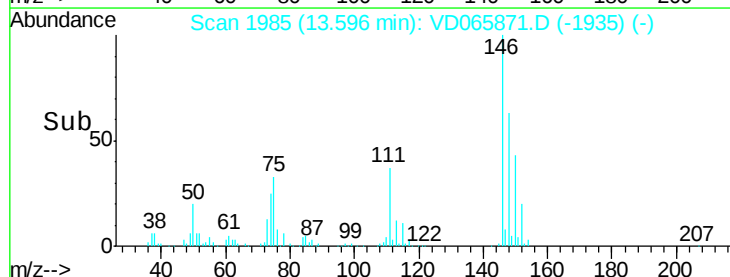
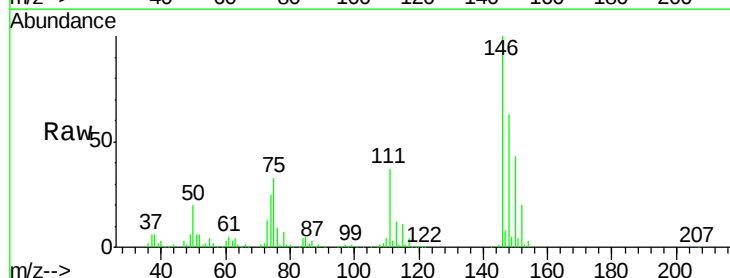
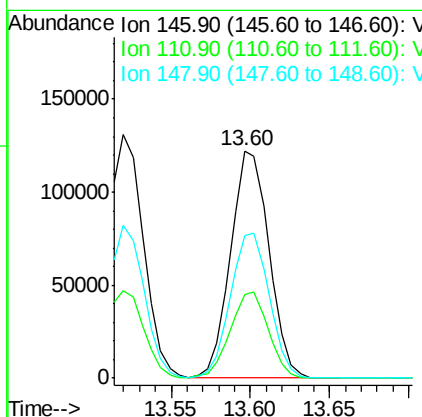
RT: 13.60 min Scan# 1985

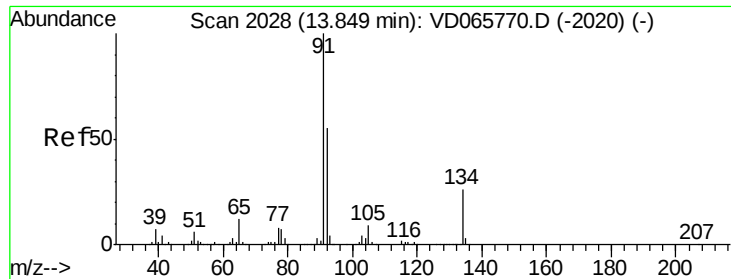
Delta R.T. -0.01 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Tgt Ion:	146	Resp:	205979
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.9	56.7
148	64.7	31.6	94.7





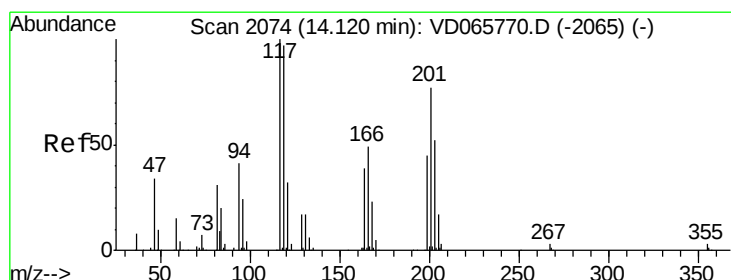
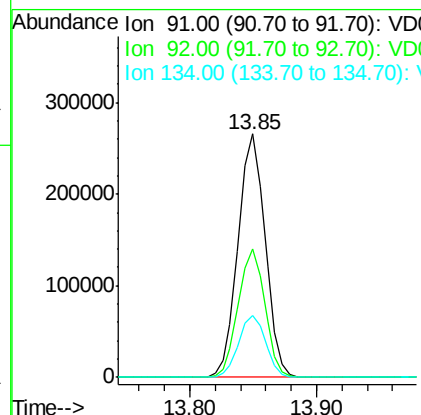
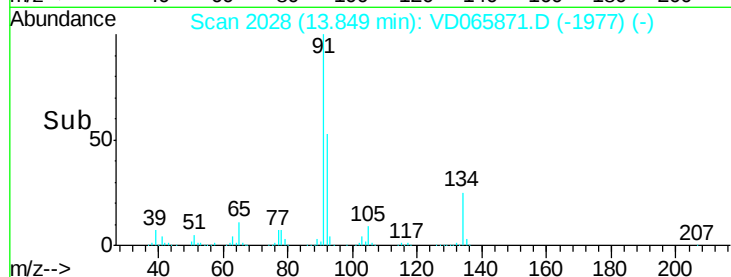
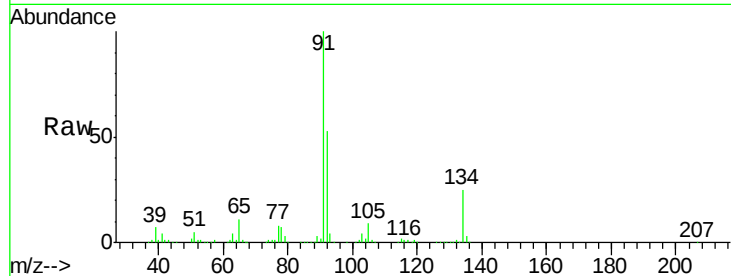
#89
n-Butylbenzene
Concen: 49.753 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.4	27.0	81.0	
134	25.4	13.0	39.0	

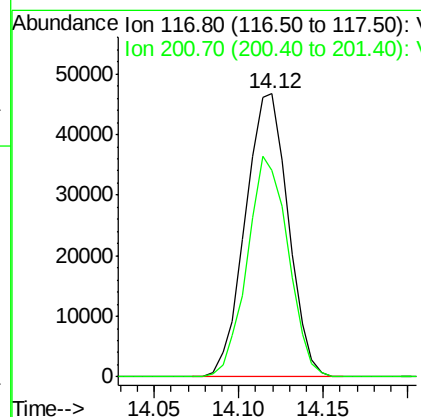
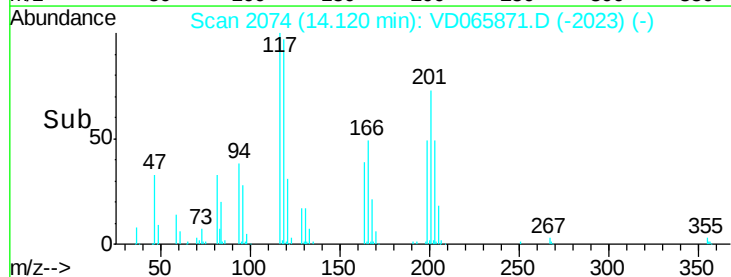
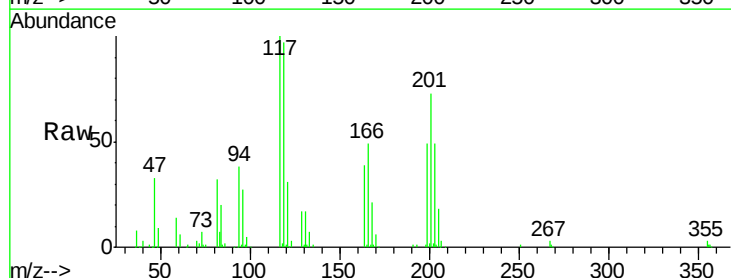
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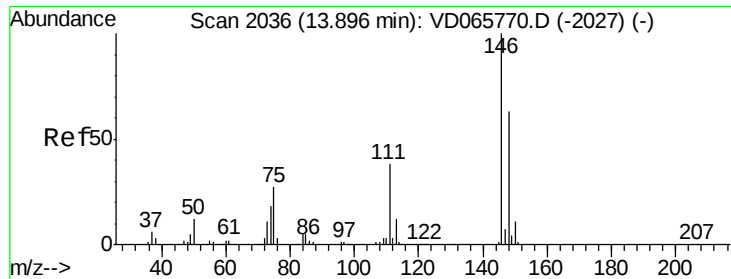
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#90
Hexachloroethane
Concen: 49.932 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	74.4	37.1	111.5	





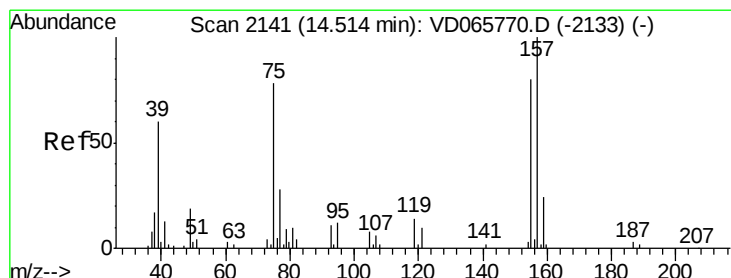
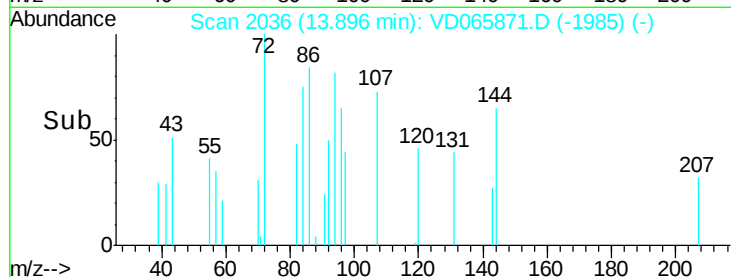
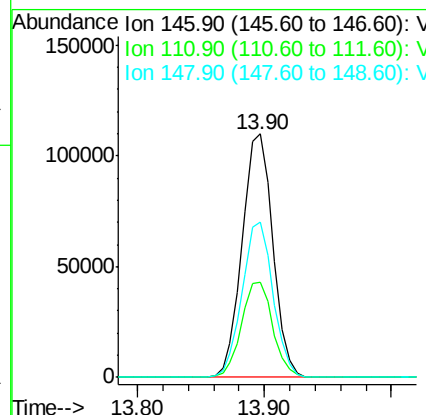
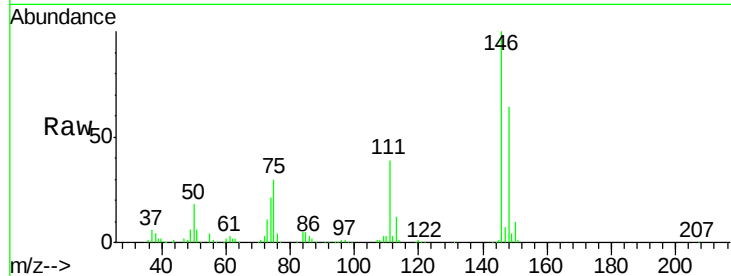
#91
 1,2-Dichlorobenzene
 Concen: 51.258 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	64.2	31.9	95.7

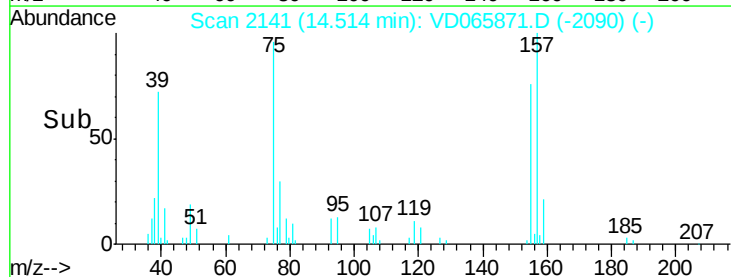
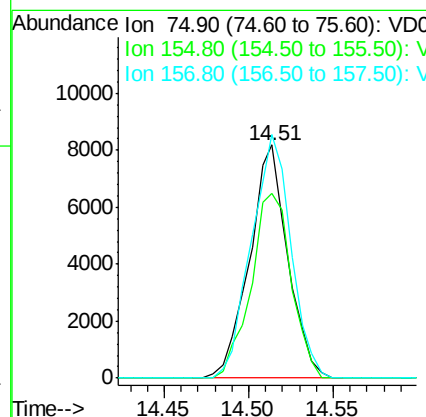
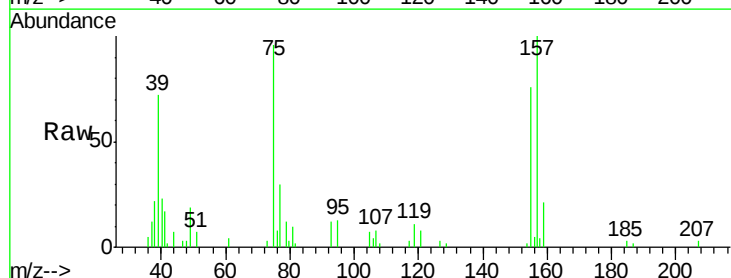
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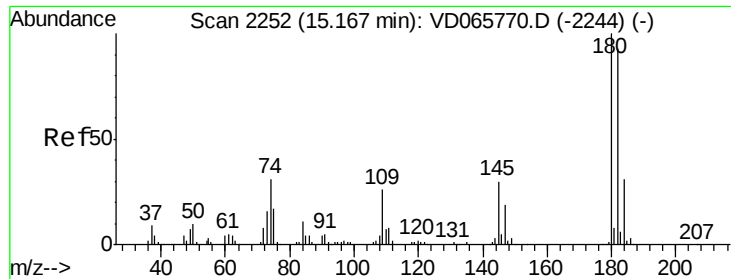
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.093 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD065871.D
 Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	46.3	138.9
157	108.3	58.1	174.3





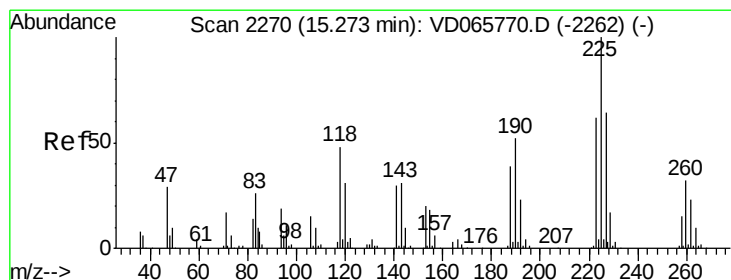
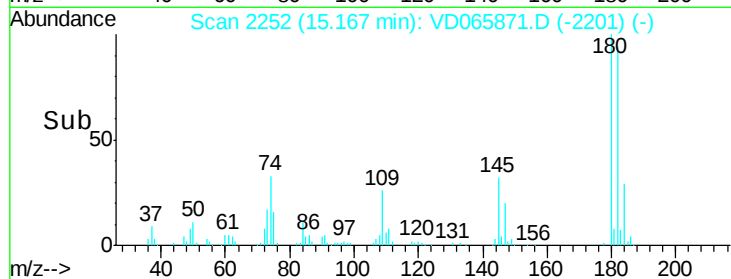
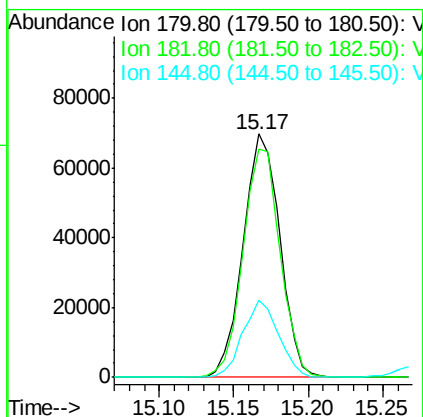
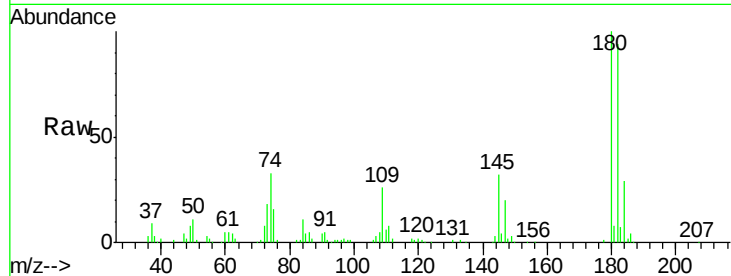
#93
1,2,4-Trichlorobenzene
Concen: 48.461 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	118754		
182	95.0	48.0	144.2	
145	31.0	14.9	44.9	

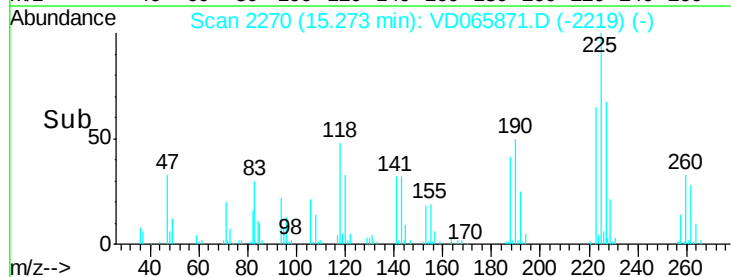
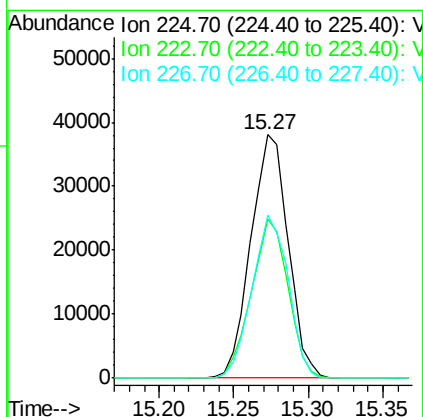
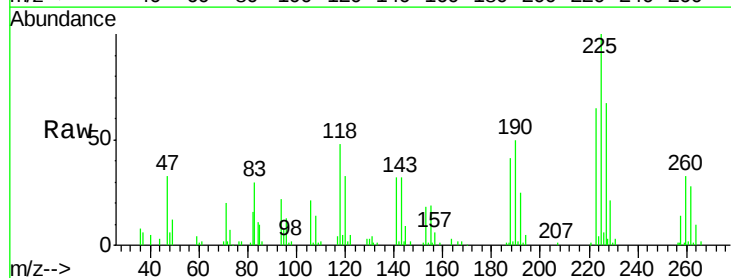
Manual Integrations
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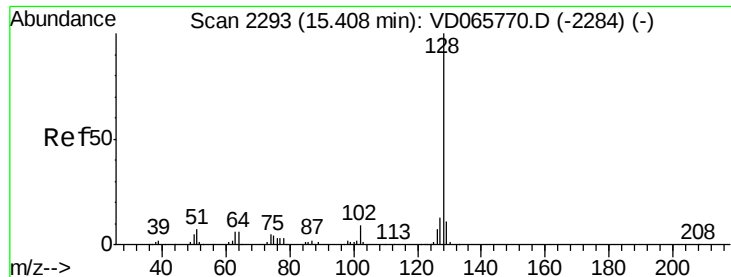
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#94
Hexachlorobutadiene
Concen: 44.359 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD065871.D
Acq: 23 Jun 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65712		
223	64.0	30.9	92.7	
227	65.0	31.9	95.7	





#95

Naphthalene

Concen: 51.230 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Instrument :

MSVOA_D

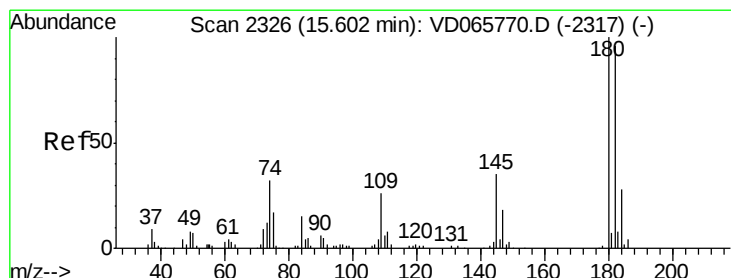
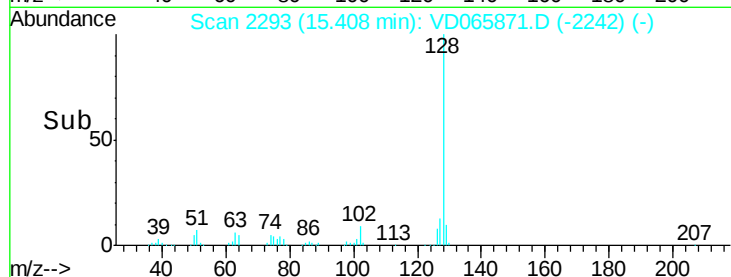
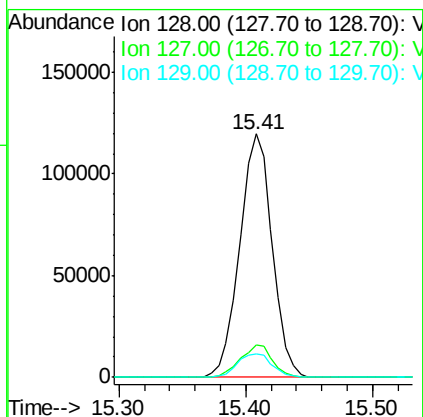
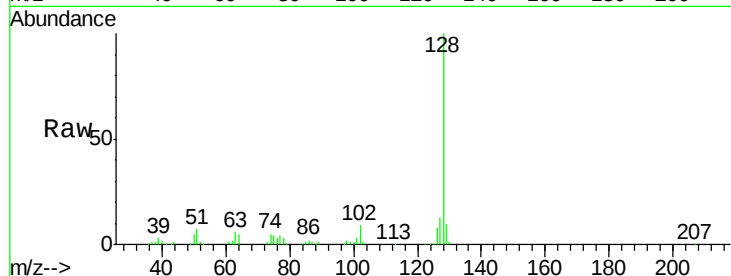
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	212651
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.7	16.1
129	10.6	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 49.432 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD065871.D

Acq: 23 Jun 2020 20:13

Tgt Ion:	180	Resp:	104330
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.0	141.2
145	31.6	16.2	48.6

