

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066015.D
 Acq On : 23 Jul 2020 10:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 12:59:47 PM

Quant Time: Jul 24 03:32:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	345533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	488993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	445556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	135411	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	7.91	113	144743	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.34	98	555824	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.64	95	193531	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	122999	46.906	ug/l	96
3) Chloromethane	2.21	50	100976	47.186	ug/l	98
4) Vinyl Chloride	2.35	62	104340	51.201	ug/l	94
5) Bromomethane	2.77	94	71174	49.624	ug/l	90
6) Chloroethane	2.93	64	61626	50.659	ug/l	93
7) Trichlorofluoromethane	3.27	101	253780	51.199	ug/l	100
8) Diethyl Ether	3.71	74	66393	48.459	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	151334	50.564	ug/l	97
10) Methyl Iodide	4.30	142	171260	55.474	ug/l	97
11) Tert butyl alcohol	5.21	59	39294	218.754	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	146923	51.428	ug/l	91
13) Acrolein	3.91	56	57761	243.840	ug/l	98
14) Allyl chloride	4.71	41	222970	49.928	ug/l	98
15) Acrylonitrile	5.41	53	141763	242.192	ug/l	98
16) Acetone	4.15	43	162583	285.684	ug/l	95
17) Carbon Disulfide	4.40	76	449573	48.513	ug/l	100
18) Methyl Acetate	4.72	43	61012	46.085	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	298050	50.777	ug/l	96
20) Methylene Chloride	4.96	84	160554	51.086	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	162120	50.210	ug/l	100
22) Diisopropyl ether	6.36	45	432483	50.975	ug/l	96
23) Vinyl Acetate	6.30	43	1240378	259.228	ug/l	99
24) 1,1-Dichloroethane	6.26	63	263216	51.202	ug/l	97
25) 2-Butanone	7.21	43	188190	249.209	ug/l	99
26) 2,2-Dichloropropane	7.21	77	239890	51.892	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	170054	49.743	ug/l	99
28) Bromochloromethane	7.54	49	115765	53.058	ug/l	95
29) Tetrahydrofuran	7.56	42	113513	243.626	ug/l	99
30) Chloroform	7.71	83	273071	50.781	ug/l	99
31) Cyclohexane	7.99	56	244481	48.340	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	260325	52.336	ug/l	98
36) 1,1-Dichloropropene	8.11	75	219593	52.618	ug/l	99
37) Ethyl Acetate	7.29	43	81993	51.445	ug/l	98
38) Carbon Tetrachloride	8.09	117	241260	53.279	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	276091	54.629	ug/l	96
40) Benzene	8.35	78	615820	52.745	ug/l	97
41) Methacrylonitrile	7.53	41	59870	65.574	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	165898	51.853	ug/l	99
43) Isopropyl Acetate	8.45	43	157732	50.670	ug/l	100
44) Trichloroethene	9.11	130	187435	53.050	ug/l	92
45) 1,2-Dichloropropane	9.39	63	144228	51.005	ug/l	99
46) Dibromomethane	9.48	93	79122	51.977	ug/l	98
47) Bromodichloromethane	9.66	83	208971	51.918	ug/l	96
48) Methyl methacrylate	9.46	41	83196	52.984	ug/l	98
49) 1,4-Dioxane	9.46	88	17471	990.641	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	406899	259.427	ug/l	99
52) Toluene	10.40	92	410420	53.903	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	202524	54.008	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	239826	52.761	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	111862	51.814	ug/l	92
56) Ethyl methacrylate	10.66	69	135468	53.970	ug/l	99
57) 1,3-Dichloropropane	10.95	76	190956	53.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	295109	246.113	ug/l	98
59) 2-Hexanone	10.98	43	291313	268.017	ug/l	96
60) Dibromochloromethane	11.14	129	155858	53.543	ug/l	98
61) 1,2-Dibromoethane	11.25	107	108431	52.090	ug/l	99
64) Tetrachloroethene	10.88	164	163831	54.174	ug/l	96
65) Chlorobenzene	11.67	112	435579	53.394	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	163959	54.431	ug/l	100
67) Ethyl Benzene	11.75	91	774980	55.202	ug/l	97
68) m/p-Xylenes	11.86	106	599285	111.060	ug/l	100
69) o-Xylene	12.18	106	273481	55.723	ug/l	100
70) Styrene	12.20	104	468201	55.523	ug/l	99
71) Bromoform	12.37	173	95293	54.007	ug/l #	99
73) Isopropylbenzene	12.48	105	763753	54.465	ug/l	99
74) N-amyl acetate	12.30	43	154875	53.267	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	118953	51.329	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	74054m	42.440	ug/l	
77) Bromobenzene	12.77	156	191180	53.346	ug/l	96
78) n-propylbenzene	12.83	91	891639	54.795	ug/l	99
79) 2-Chlorotoluene	12.91	91	499260	53.705	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	635357	55.148	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	39328	51.718	ug/l	97
82) 4-Chlorotoluene	13.01	91	530230	54.036	ug/l	100
83) tert-Butylbenzene	13.23	119	561223	55.669	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	628687	55.312	ug/l	100
85) sec-Butylbenzene	13.41	105	772373	55.622	ug/l	98
86) p-Isopropyltoluene	13.52	119	713035	56.520	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	354871	53.335	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	354848	52.755	ug/l	99
89) n-Butylbenzene	13.85	91	660644	56.319	ug/l	99
90) Hexachloroethane	14.12	117	136392	52.226	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	305702	53.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19406	51.094	ug/l	96

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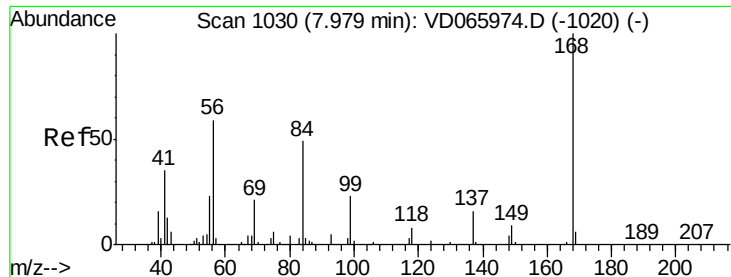
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	228561	55.228	ug/l	99
94) Hexachlorobutadiene	15.27	225	141671	55.371	ug/l	100
95) Naphthalene	15.41	128	369418	50.181	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	197314	54.843	ug/l	99

(#) = 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. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 345533

Ion Ratio Lower Upper

168 100

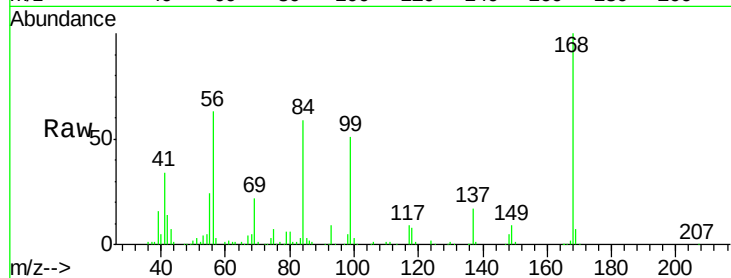
99 50.7 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

150000

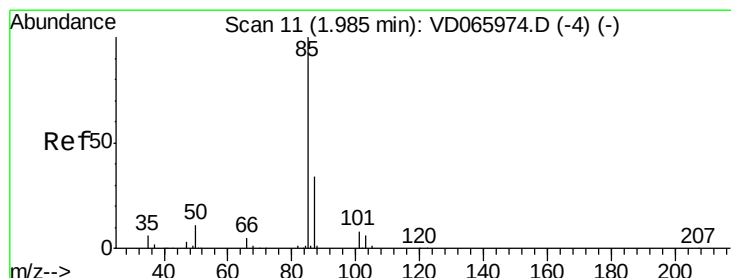
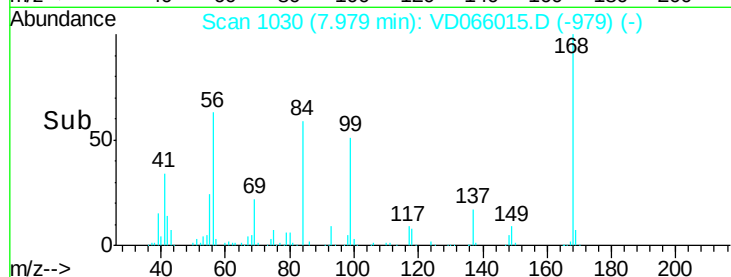
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.906 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066015.D

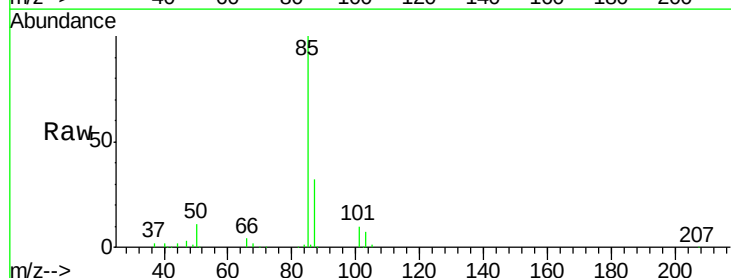
Acq: 23 Jul 2020 10:44

Tgt Ion: 85 Resp: 122999

Ion Ratio Lower Upper

85 100

87 32.1 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

100000

80000

60000

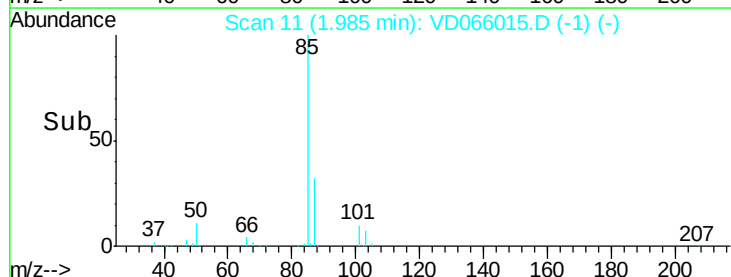
40000

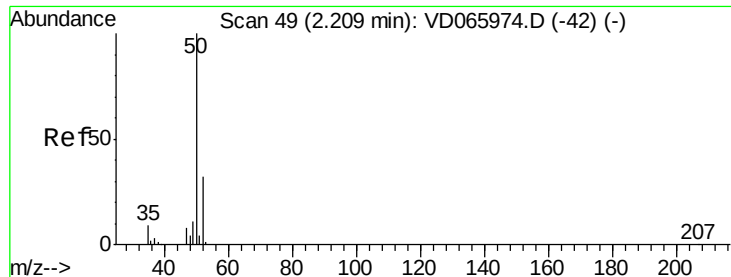
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 47.186 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 100976

Ion Ratio Lower Upper

50 100

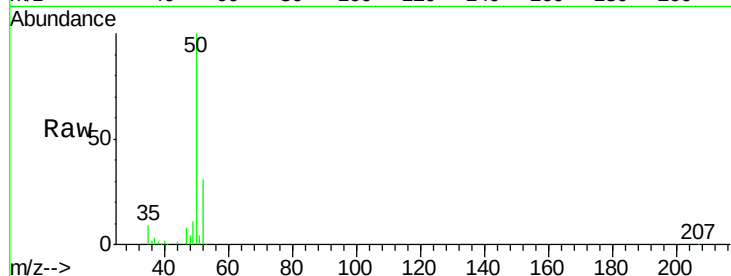
52 31.4 25.8 38.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

80000

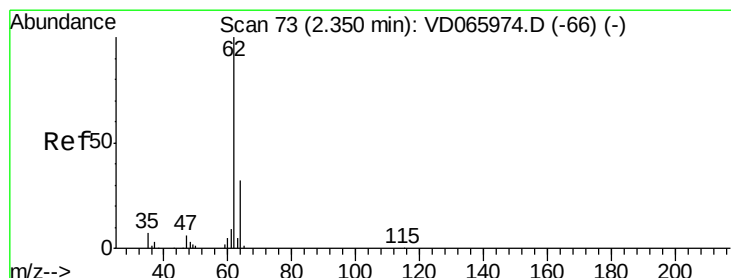
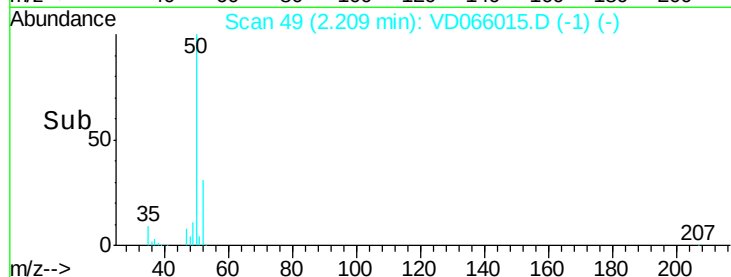
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 51.201 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066015.D

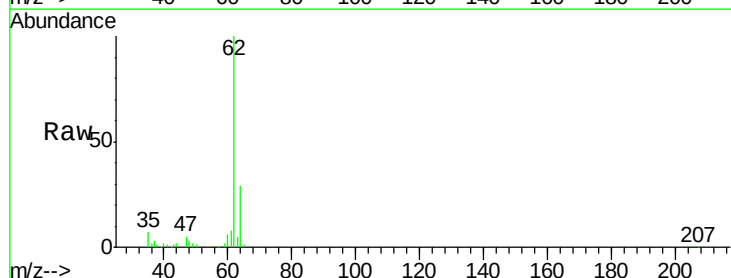
Acq: 23 Jul 2020 10:44

Tgt Ion: 62 Resp: 104340

Ion Ratio Lower Upper

62 100

64 29.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

80000

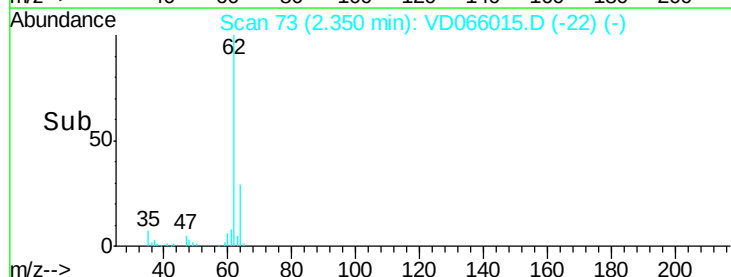
60000

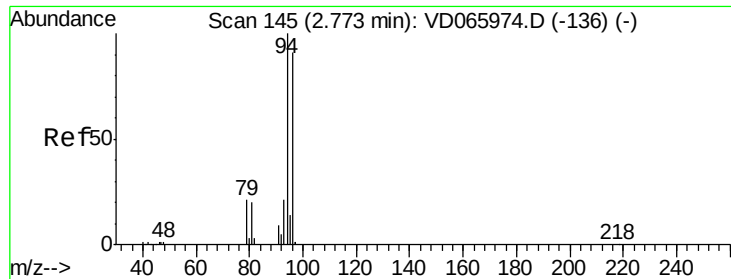
40000

20000

0

Time-->





#5

Bromomethane

Concen: 49.624 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 71174

Ion Ratio Lower Upper

94 100

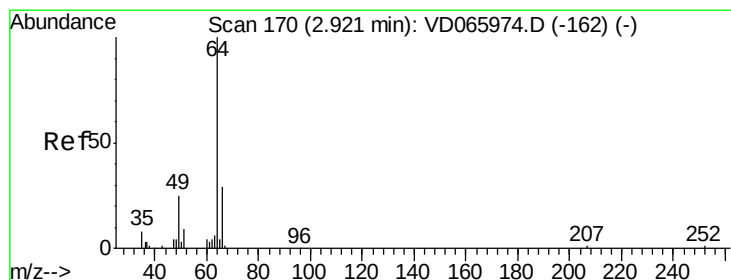
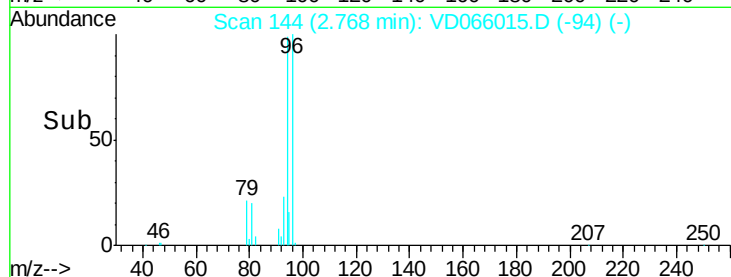
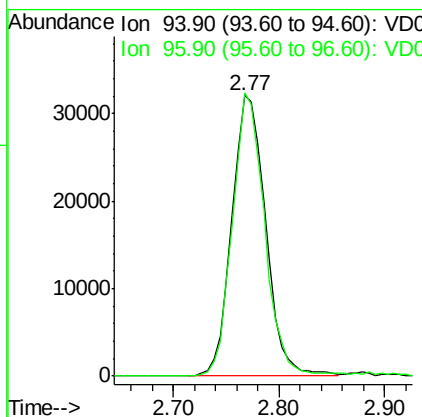
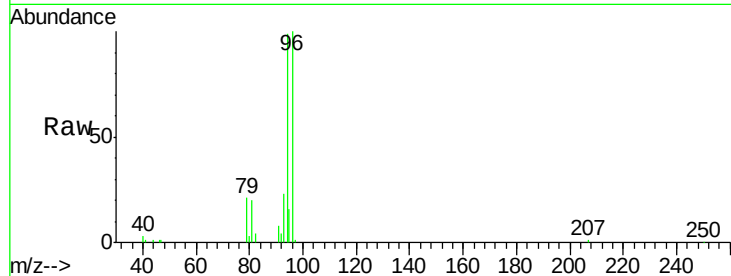
96 101.0 73.0 109.4

Manual Integrations

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#6

Chloroethane

Concen: 50.659 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066015.D

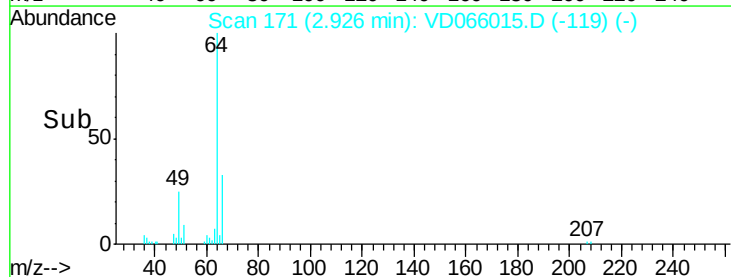
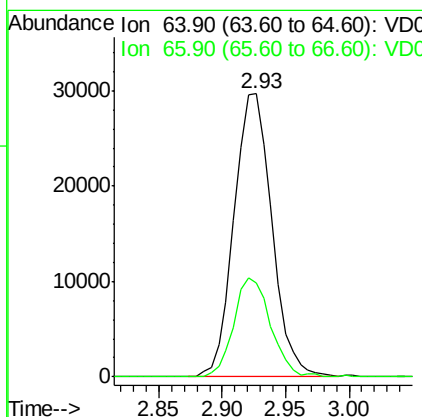
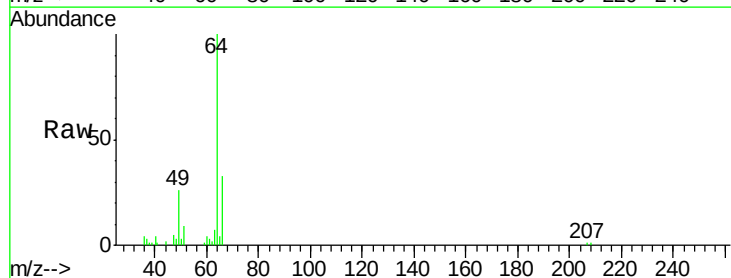
Acq: 23 Jul 2020 10:44

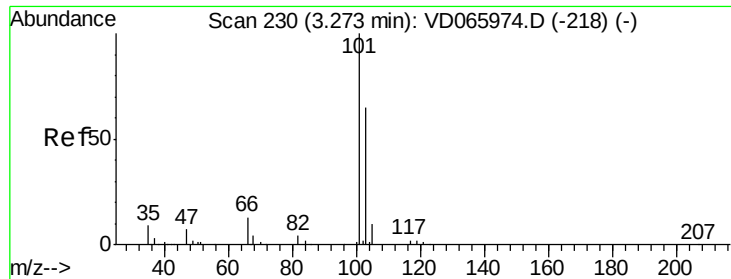
Tgt Ion: 64 Resp: 61626

Ion Ratio Lower Upper

64 100

66 33.1 23.4 35.0





#7

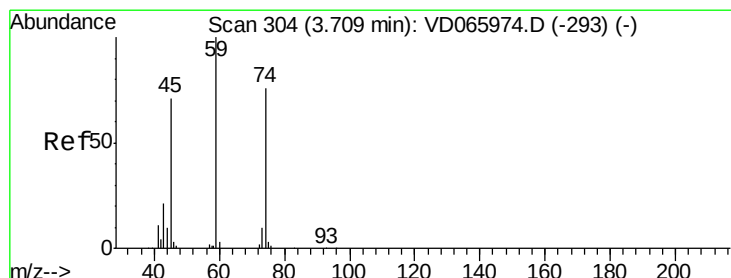
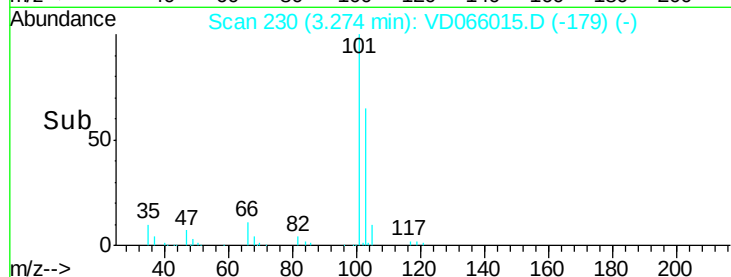
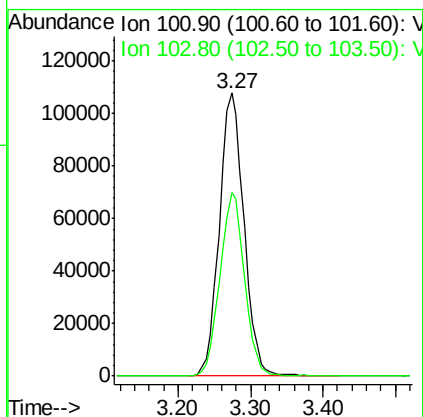
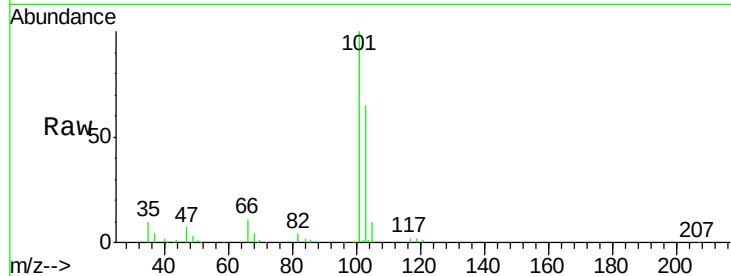
Trichlorofluoromethane
Concen: 51.199 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.1	78.1

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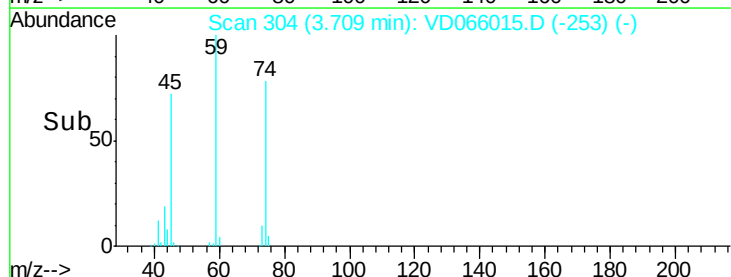
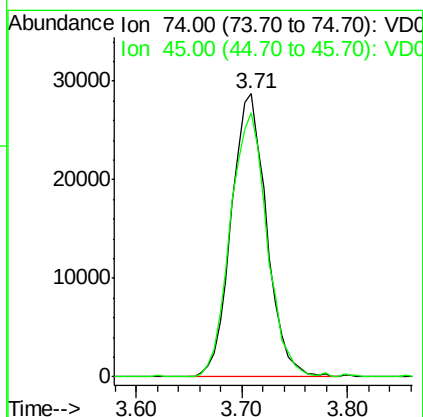
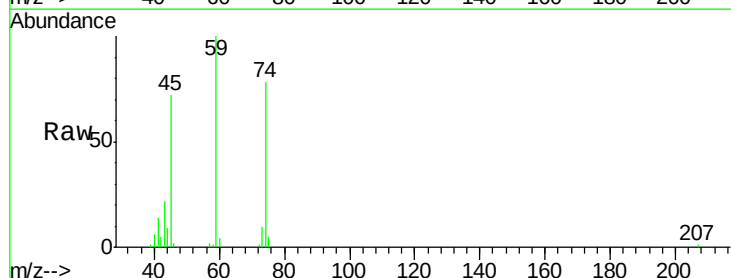
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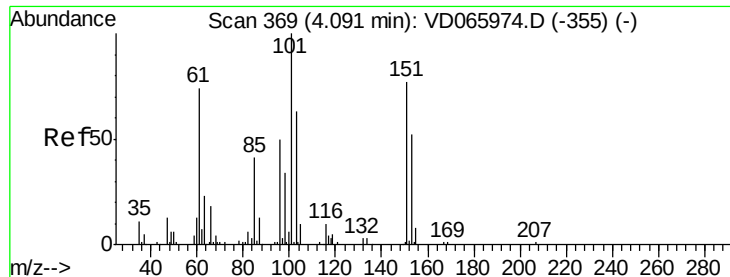


#8

Diethyl Ether
Concen: 48.459 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.564 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

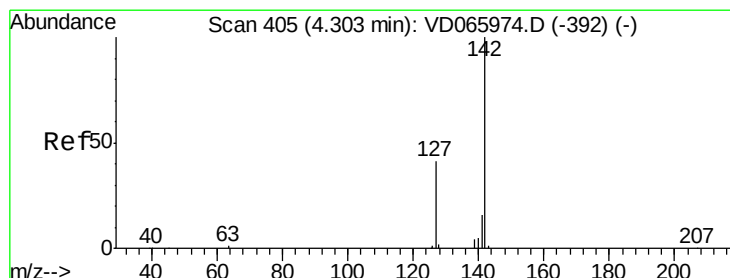
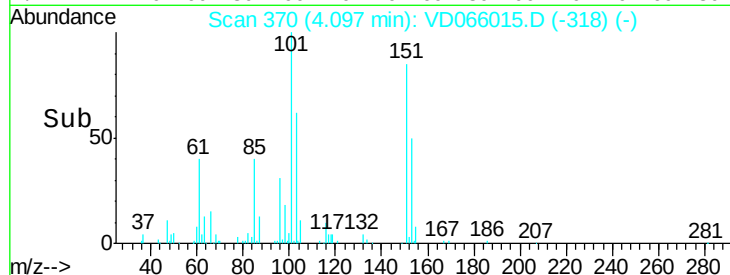
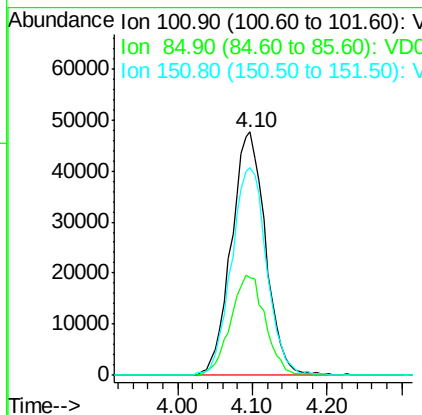
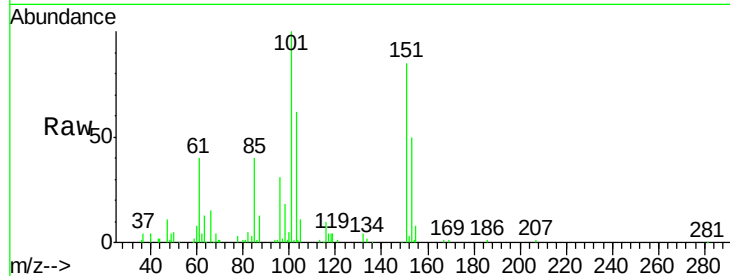
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	151334
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.6	50.4
151	87.5	66.6	99.8

Manual Integrations
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#10

Methyl Iodide

Concen: 55.474 ug/l

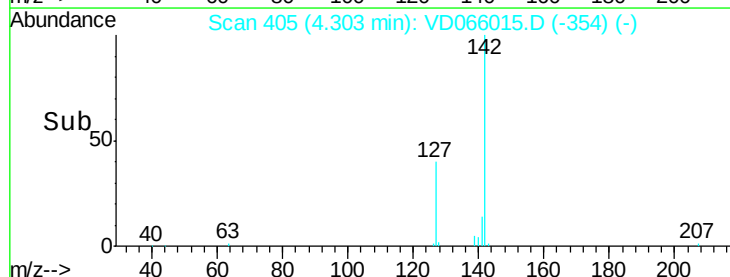
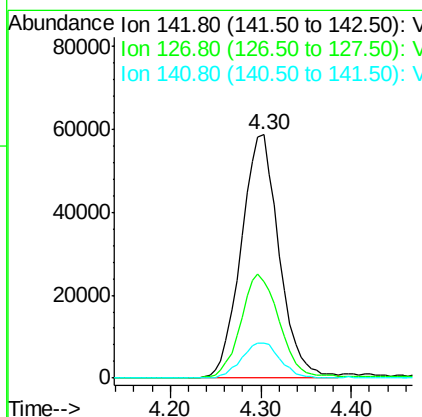
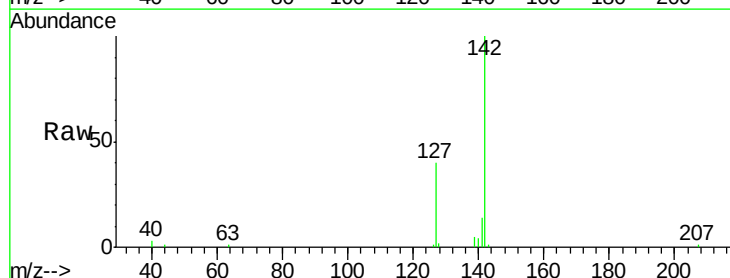
RT: 4.30 min Scan# 405

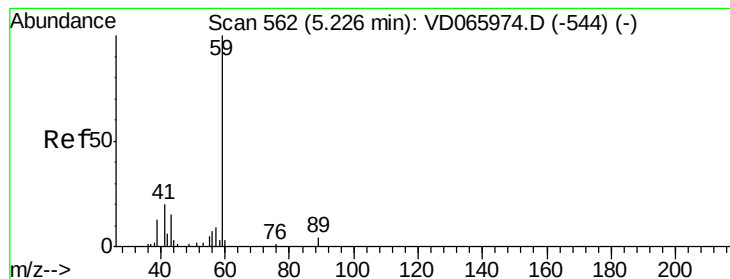
Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Tgt Ion:	142	Resp:	171260
Ion Ratio	Lower	Upper	
142	100		
127	43.8	32.9	49.3
141	15.0	11.8	17.6





#11

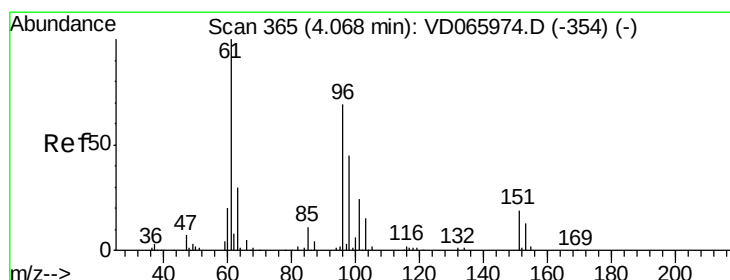
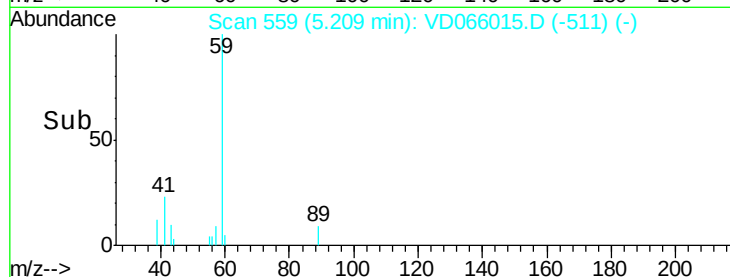
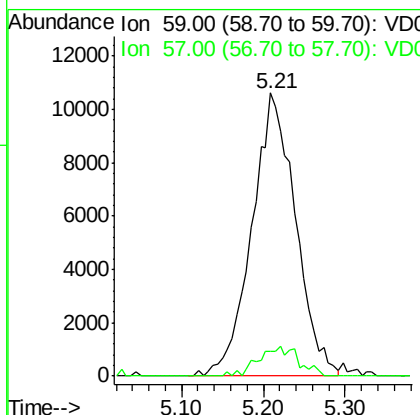
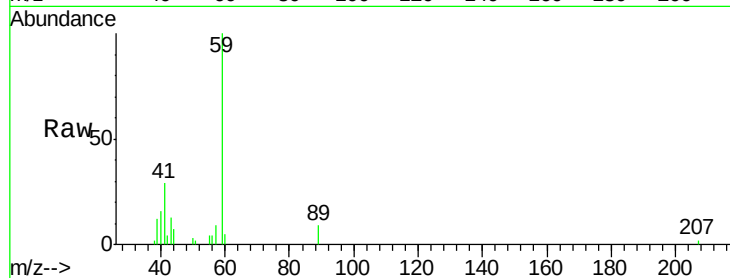
Tert butyl alcohol
 Concen: 218.754 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	39294		
57	9.4		4.5	6.7#

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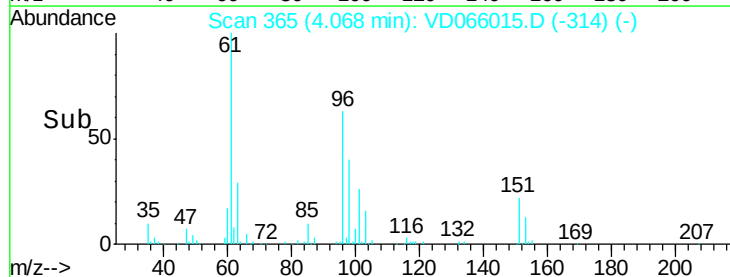
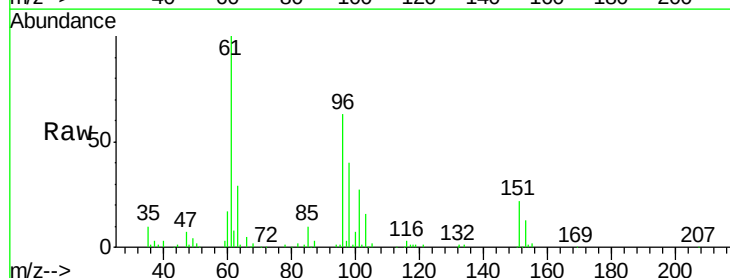
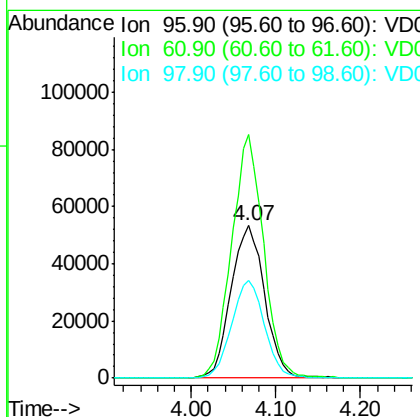
MMDadoda
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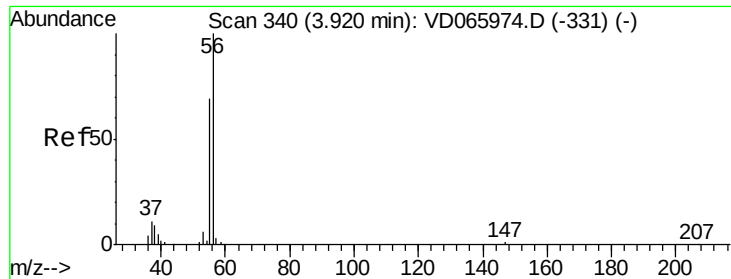


#12

1,1-Dichloroethene
 Concen: 51.428 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	146923		
61	159.6		115.4	173.0
98	63.9		51.5	77.3





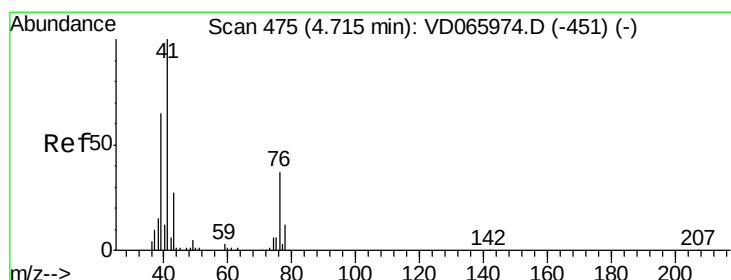
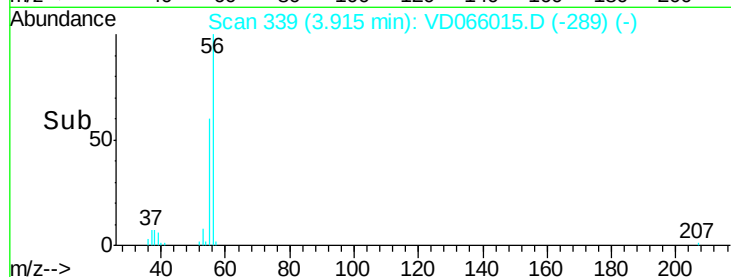
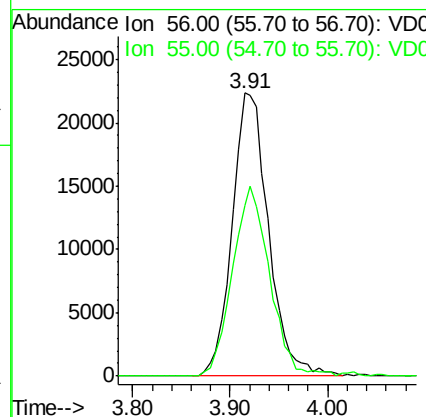
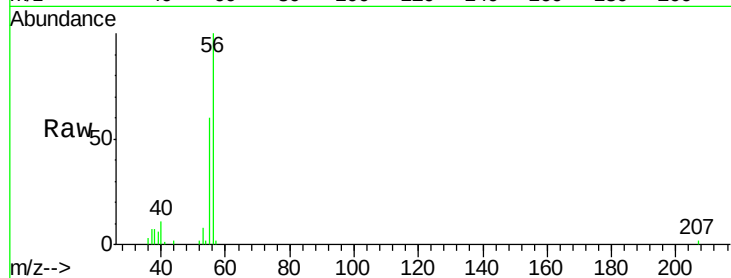
#13
Acrolein
Concen: 243.840 ug/l
RT: 3.91 min Scan# 339
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.5	55.8	83.8

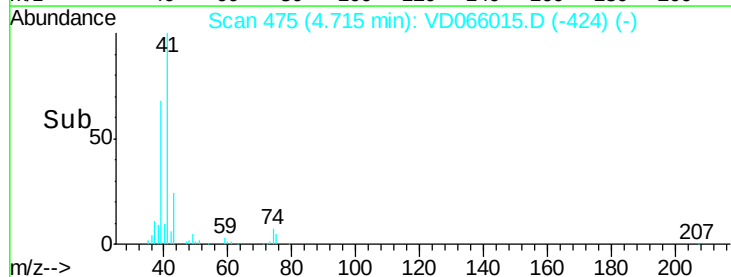
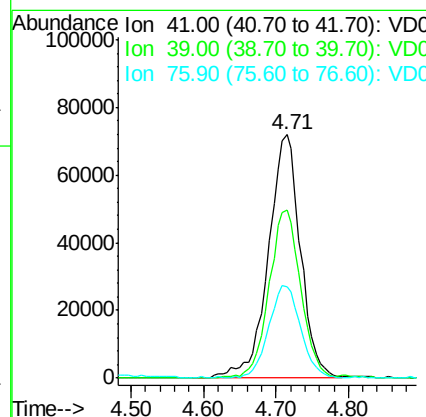
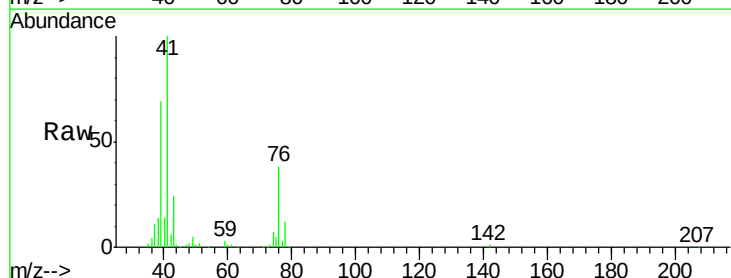
Manual Integrations
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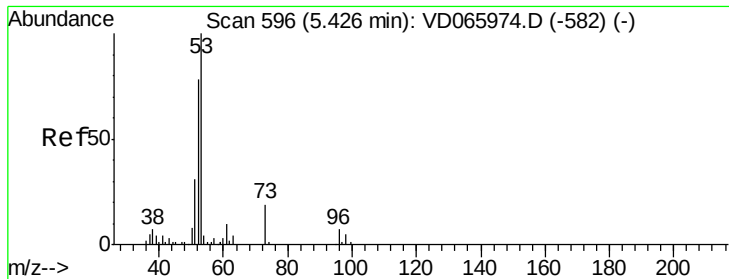
MMDadoda
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#14
Allyl chloride
Concen: 49.928 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.4	53.4	80.2
76	37.0	29.1	43.7





#15

Acrylonitrile

Concen: 242.192 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

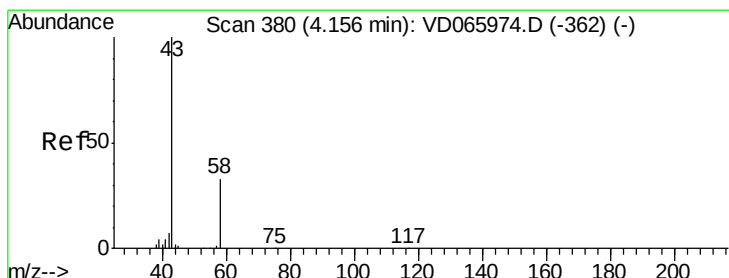
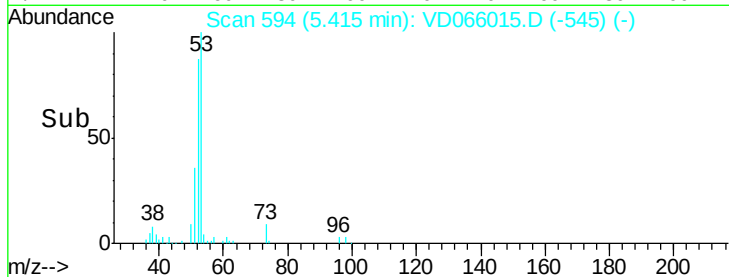
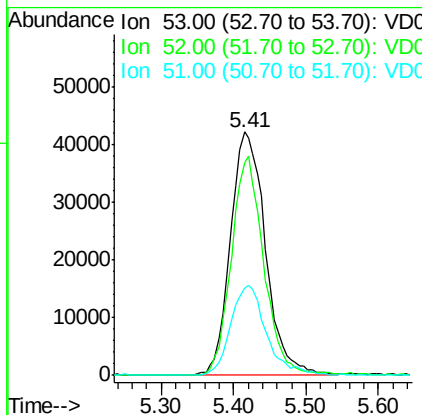
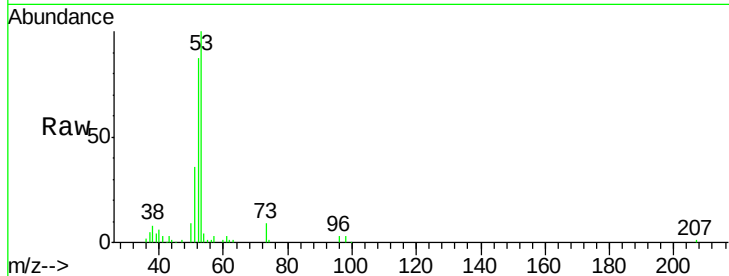
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	141763
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.1	100.7
51	37.5	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 285.684 ug/l

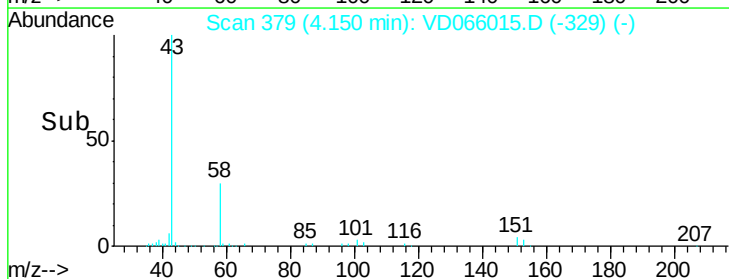
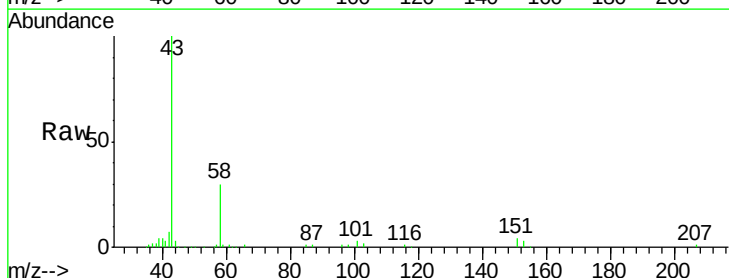
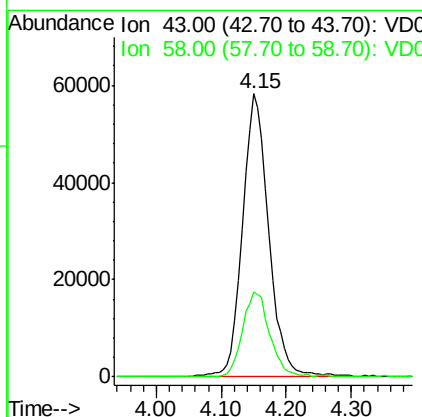
RT: 4.15 min Scan# 379

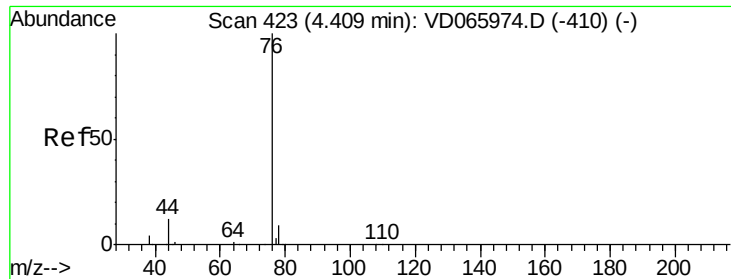
Delta R.T. -0.01 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Tgt Ion:	43	Resp:	162583
Ion	Ratio	Lower	Upper
43	100		
58	30.2	26.3	39.5





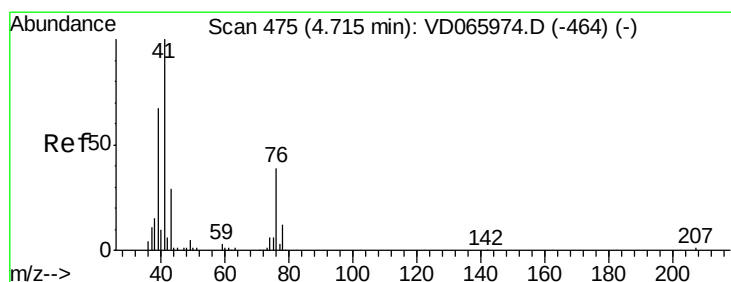
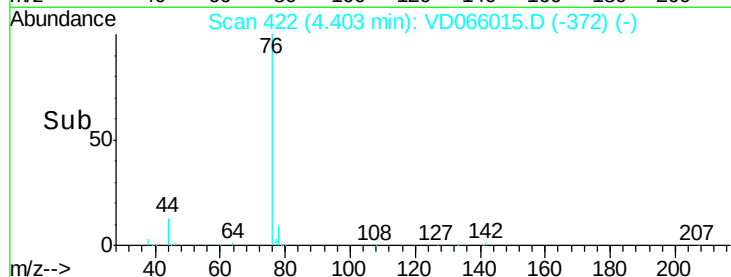
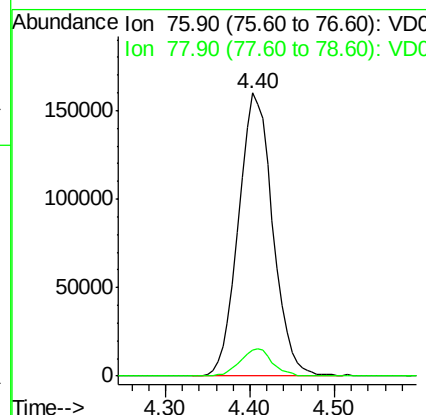
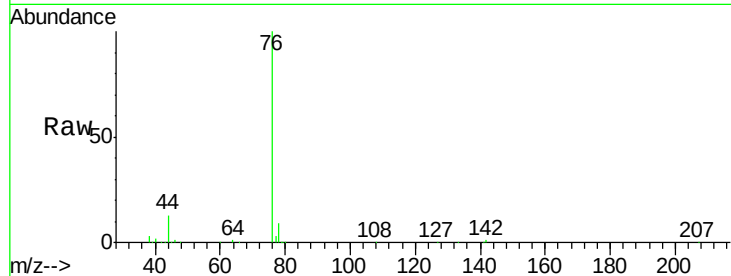
#17
Carbon Disulfide
Concen: 48.513 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	76	Resp	449573
Ion Ratio	Lower	Upper	
76	100		
78	9.4	7.4	11.2

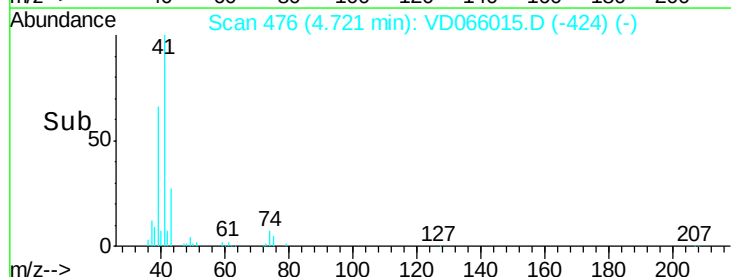
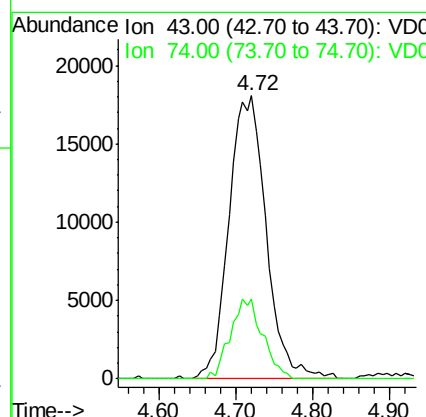
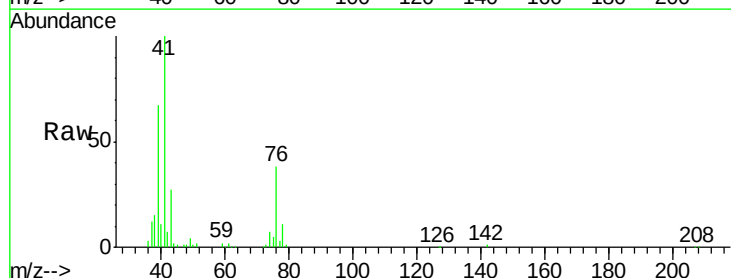
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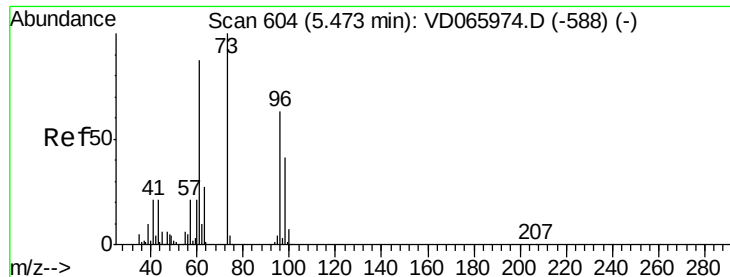
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#18
Methyl Acetate
Concen: 46.085 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	43	Resp	61012
Ion Ratio	Lower	Upper	
43	100		
74	24.5	19.2	28.8





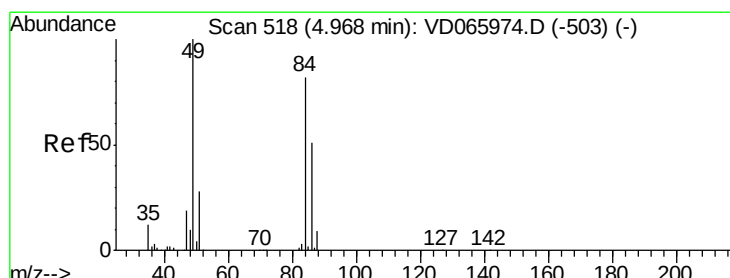
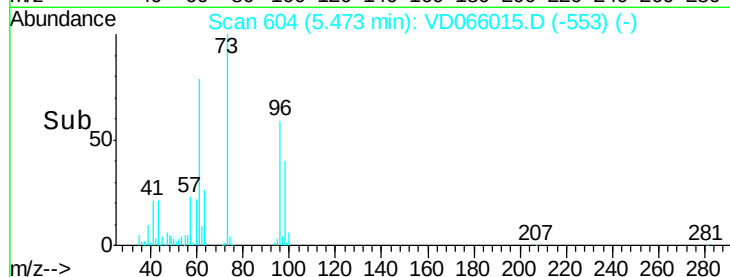
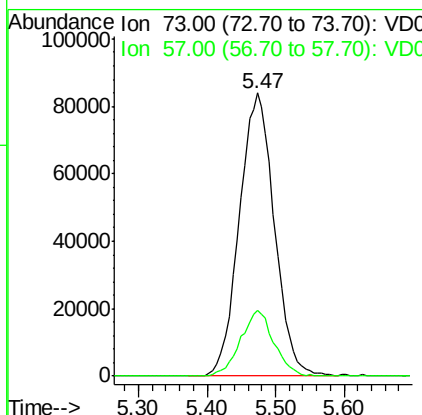
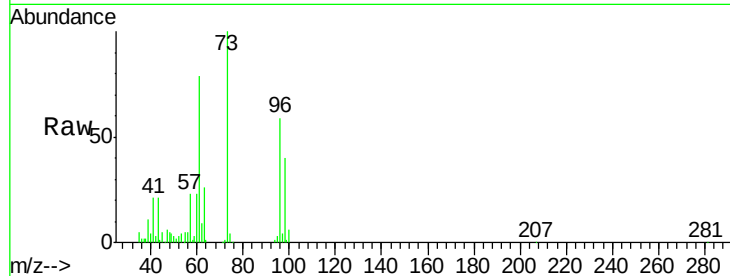
#19
Methyl tert-butyl Ether
Concen: 50.777 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	17.0	25.4

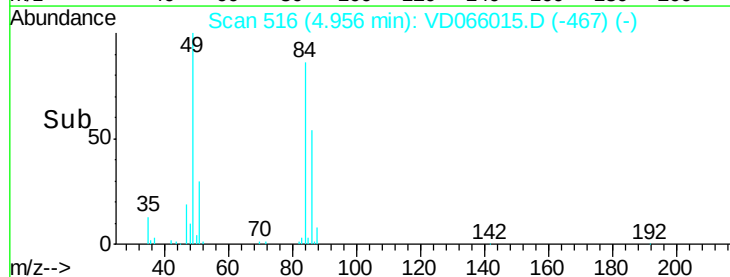
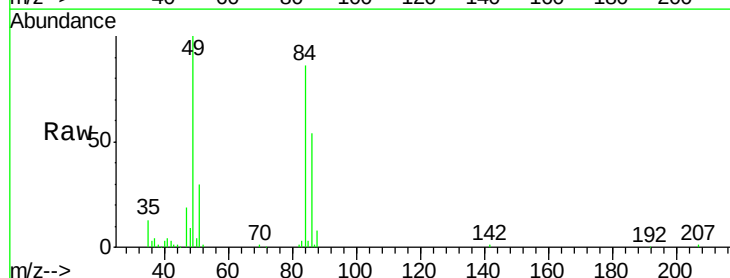
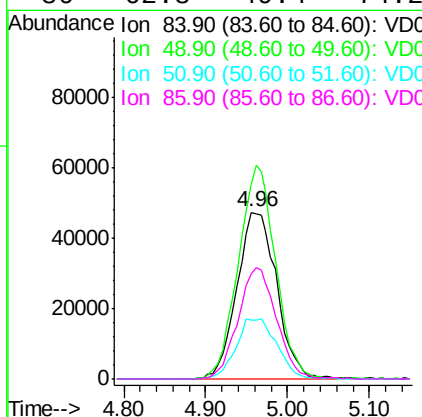
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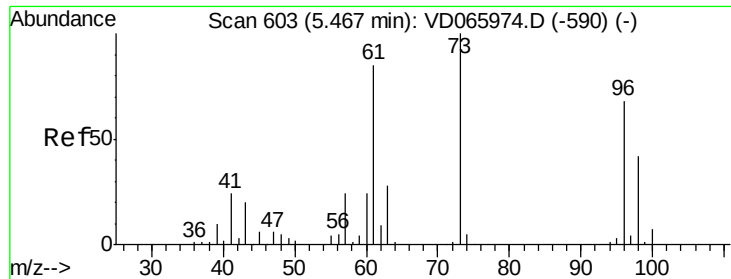
MMDadoda
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#20
Methylene Chloride
Concen: 51.086 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.7	97.7	146.5
51	35.5	27.4	41.2
86	62.8	49.4	74.2





#21

trans-1,2-Dichloroethene

Concen: 50.210 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 162120

Ion Ratio Lower Upper

96 100

61 125.7 100.5 150.7

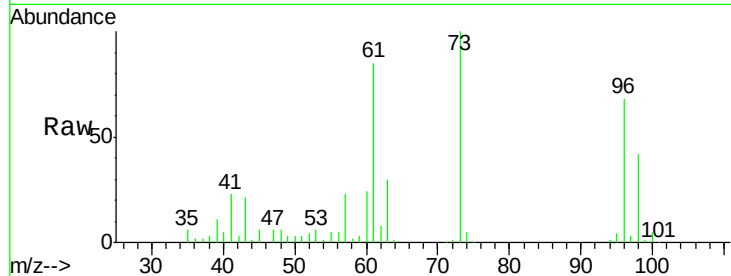
98 61.8 49.7 74.5

Manual Integrations

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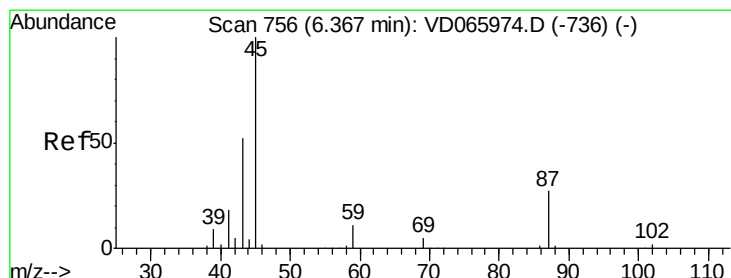
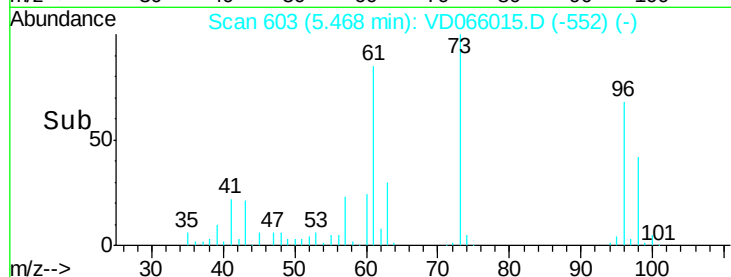
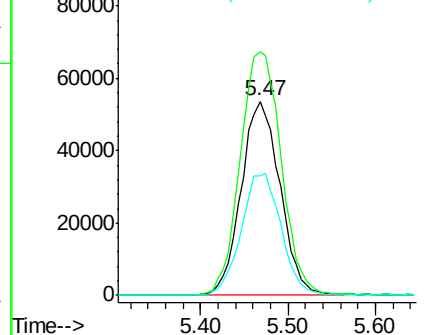
7/24/2020 12:59:47 PM



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 50.975 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Tgt Ion: 45 Resp: 432483

Ion Ratio Lower Upper

45 100

43 57.8 43.0 64.4

87 27.6 22.0 33.0

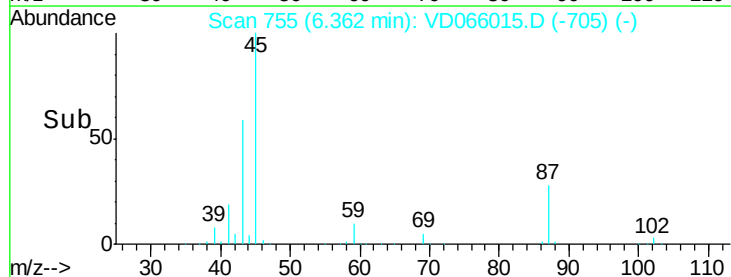
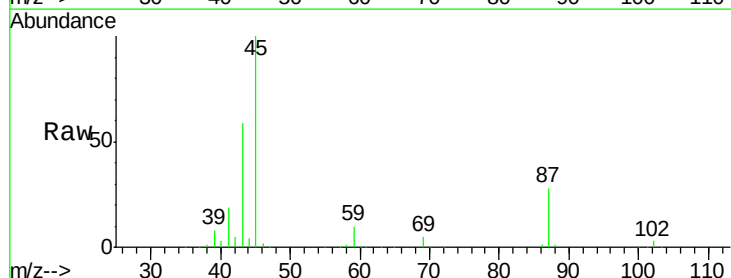
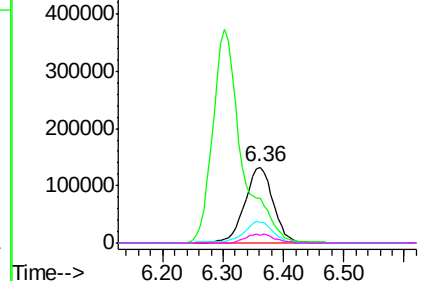
59 10.0 9.1 13.7

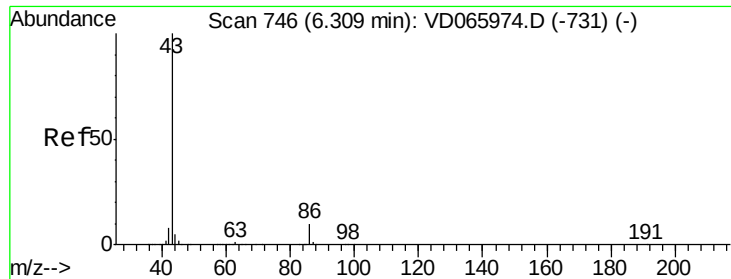
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 259.228 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Tot Ion: 43 Resp: 1240378

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9

Instrument :

MSVOA_D

ClientSampleId :

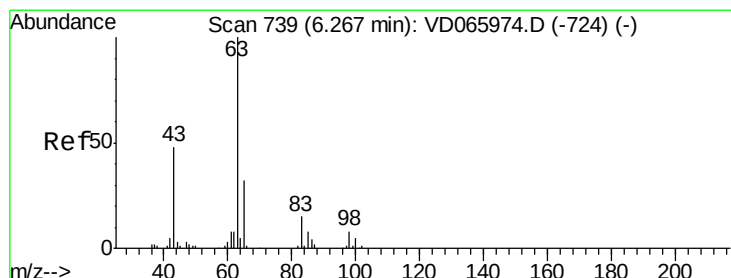
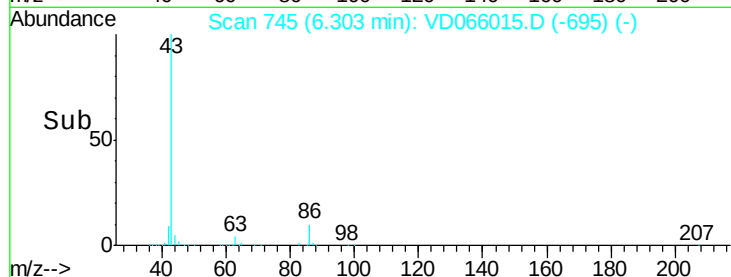
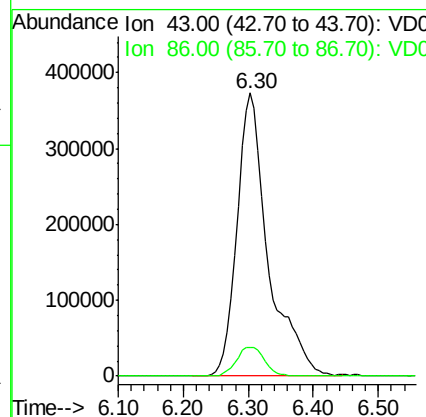
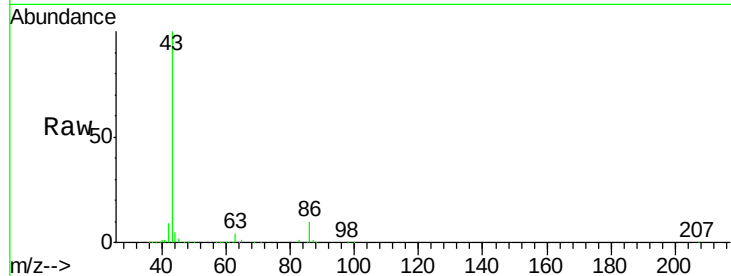
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 51.202 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

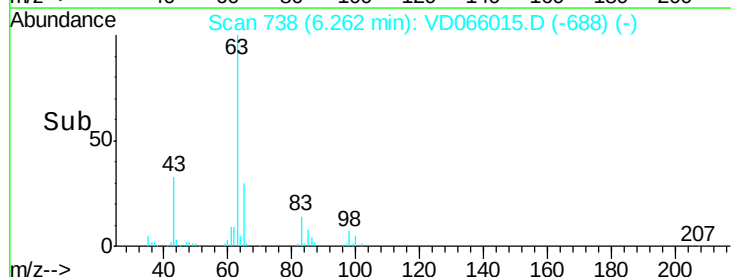
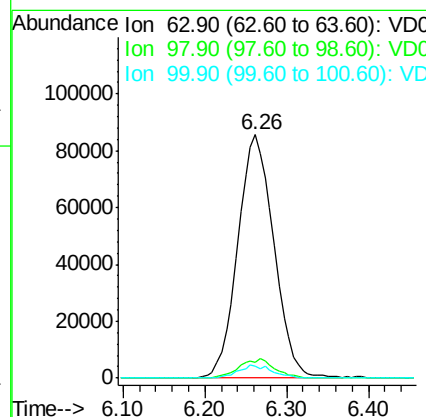
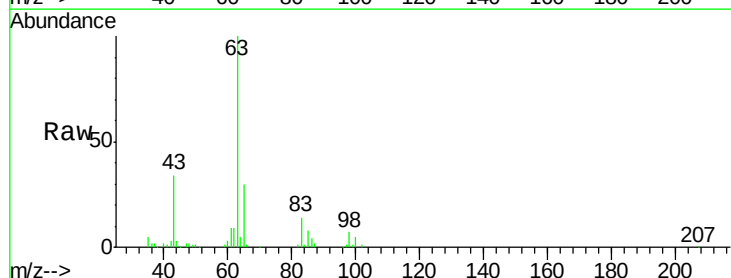
Tgt Ion: 63 Resp: 263216

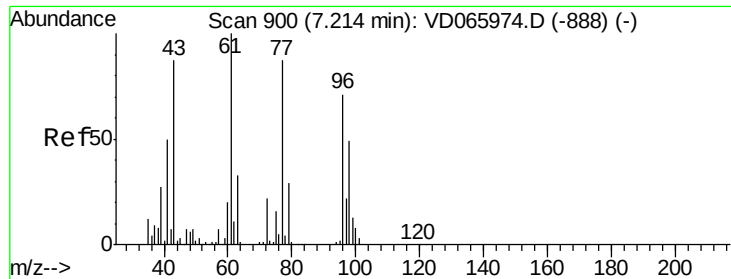
Ion Ratio Lower Upper

63 100

98 6.7 4.3 12.8

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 249.209 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 188190

Ion Ratio Lower Upper

43 100

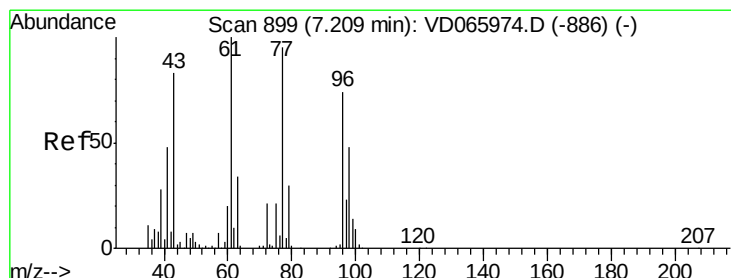
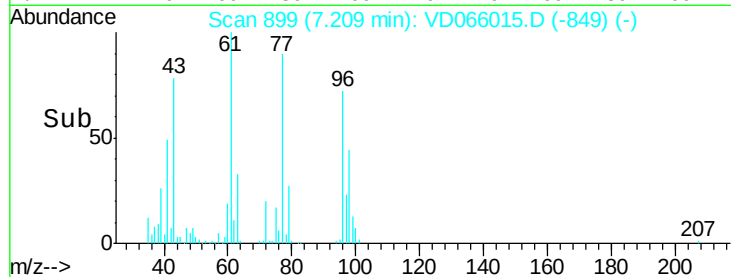
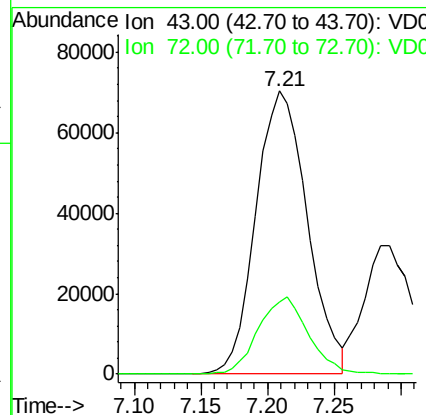
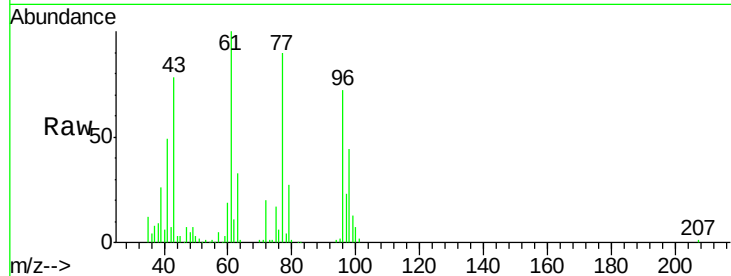
72 25.7 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.892 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066015.D

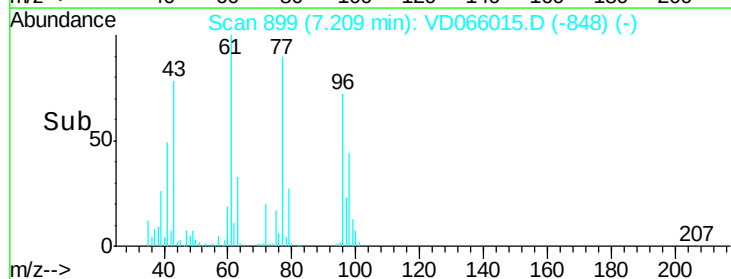
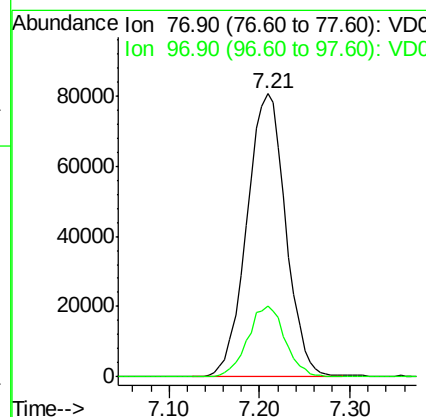
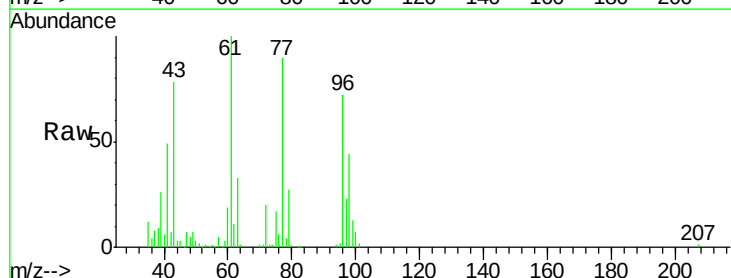
Acq: 23 Jul 2020 10:44

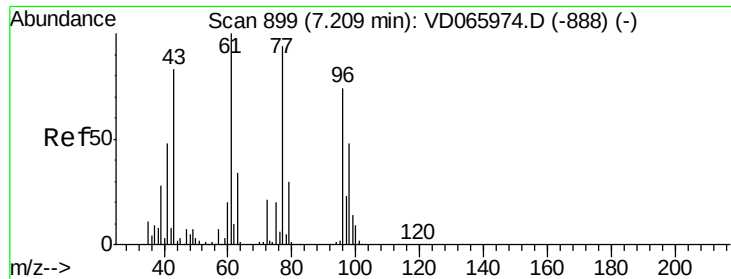
Tgt Ion: 77 Resp: 239890

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.7





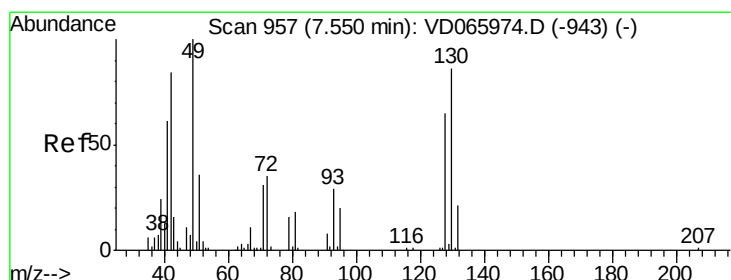
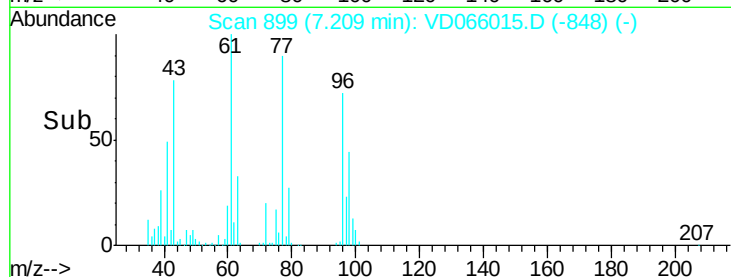
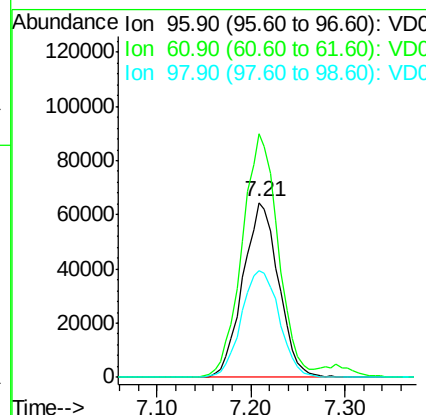
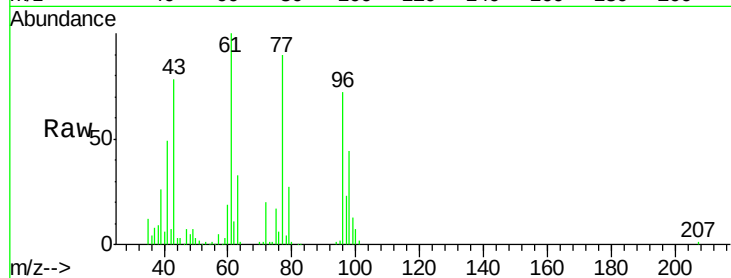
#27
 cis-1,2-Dichloroethene
 Concen: 49.743 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	170054		
61	140.7	0.0	276.6	
98	65.1	0.0	130.8	

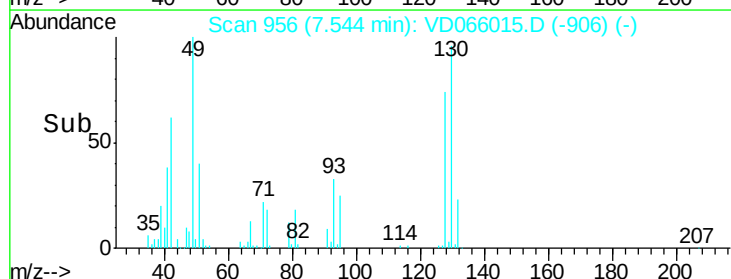
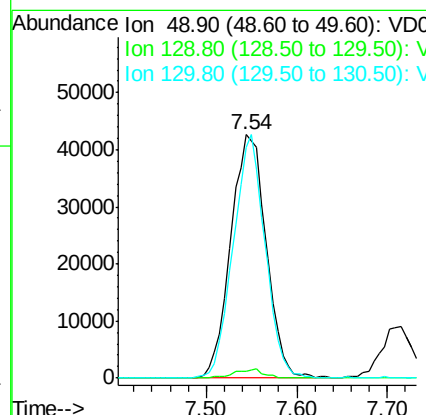
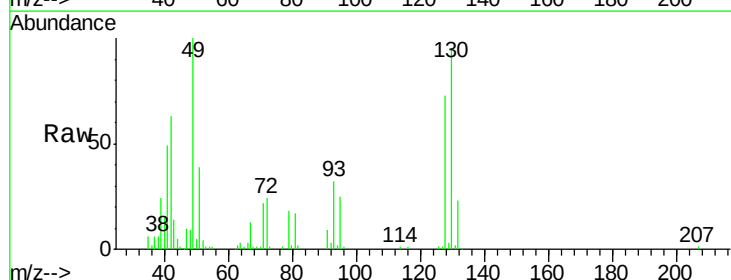
Manual Integrations
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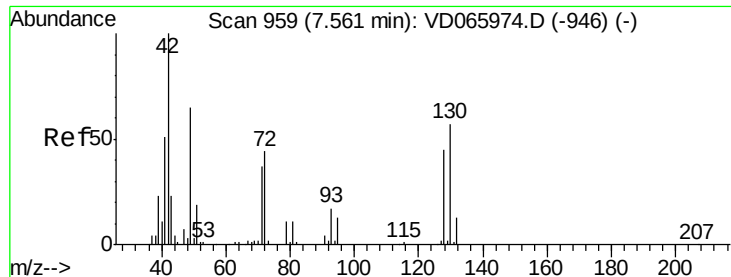
MMDadoda
 7/24/2020 12:59:47 PM



#28
 Bromochloromethane
 Concen: 53.058 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115765		
129	3.0	0.0	4.8	
130	90.0	68.4	102.6	





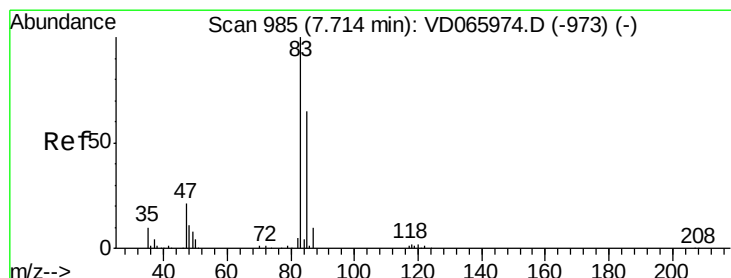
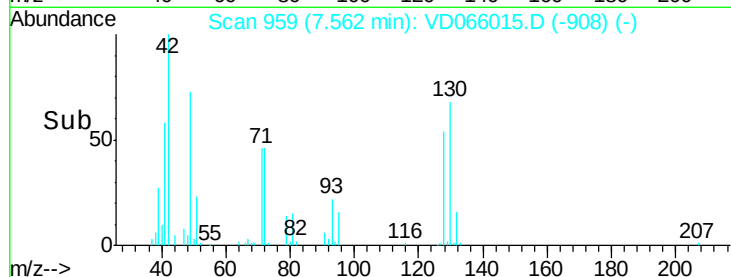
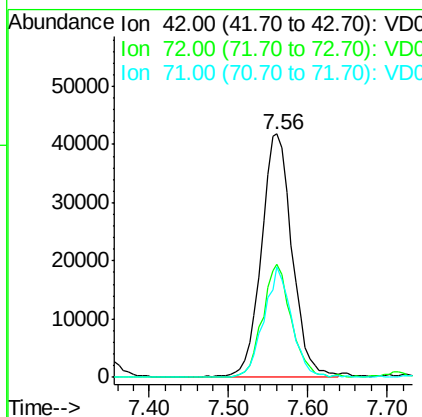
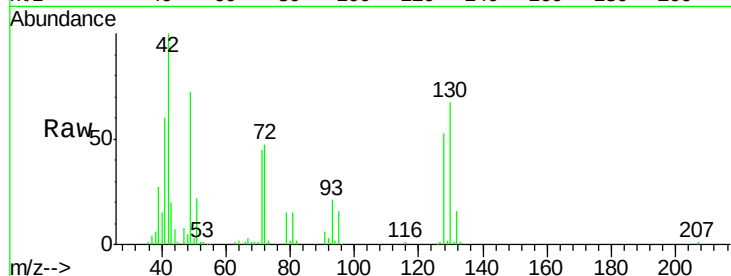
#29
Tetrahydrofuran
Concen: 243.626 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.2	51.2
71	40.3	31.4	47.2

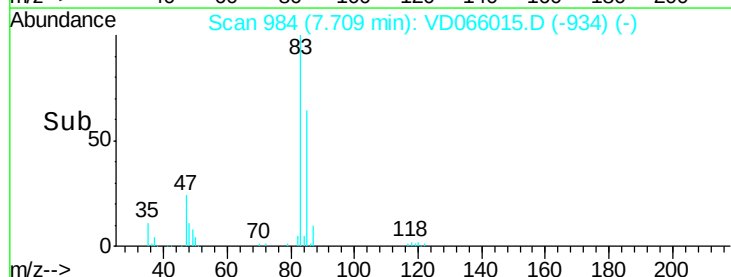
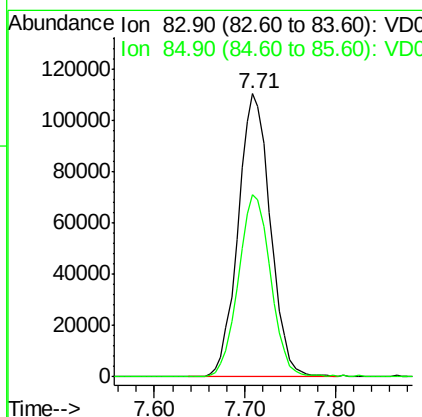
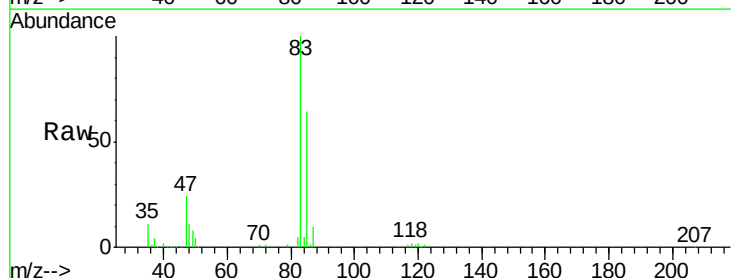
Manual Integrations
APPROVED

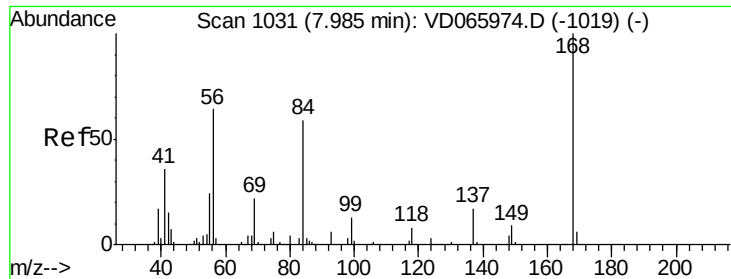
MMDadoda
7/24/2020 12:59:47 PM



#30
Chloroform
Concen: 50.781 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.1	78.1





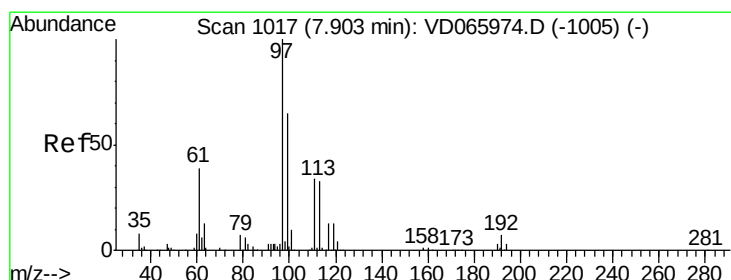
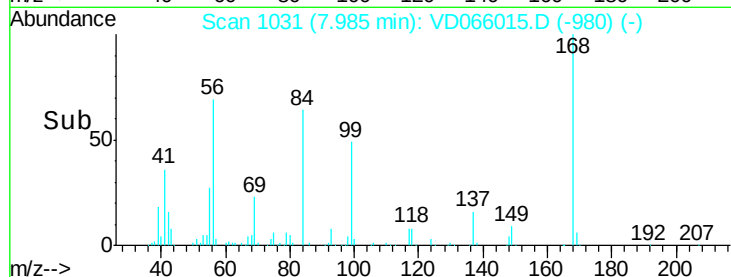
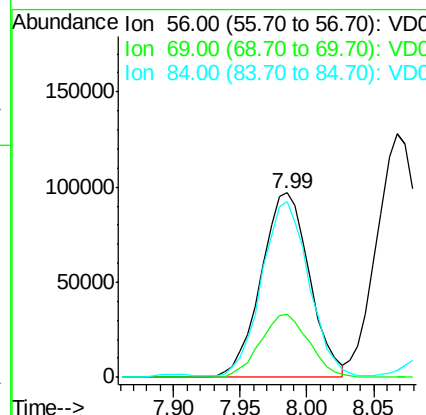
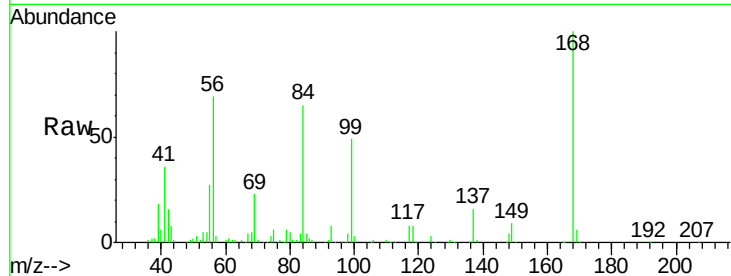
#31
Cyclohexane
Concen: 48.340 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	28.0	42.0
84	94.2	72.6	109.0

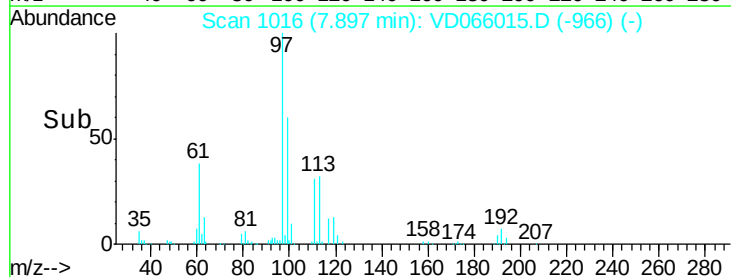
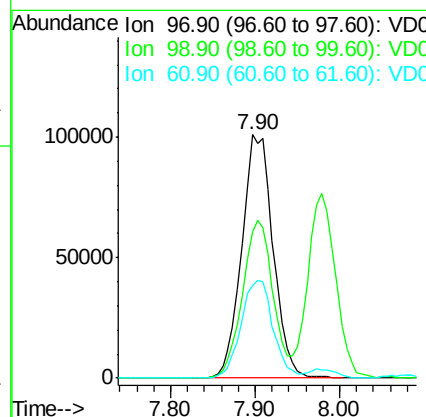
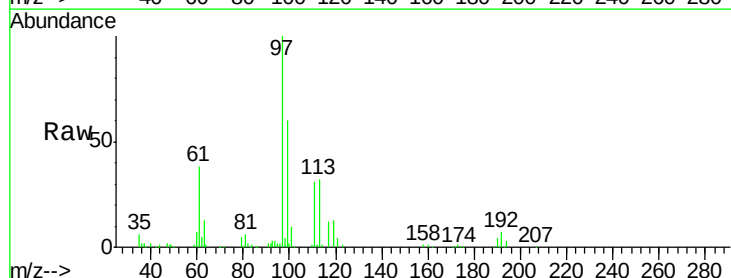
Manual Integrations
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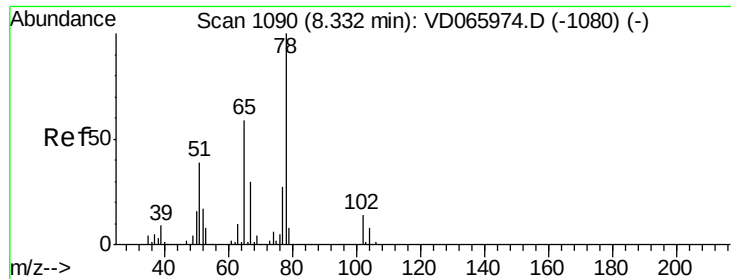
MMDadoda
7/24/2020 12:59:47 PM



#32
1,1,1-Trichloroethane
Concen: 52.336 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.8	77.6
61	40.7	33.3	49.9





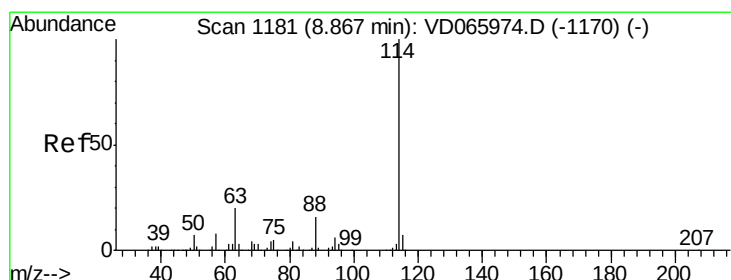
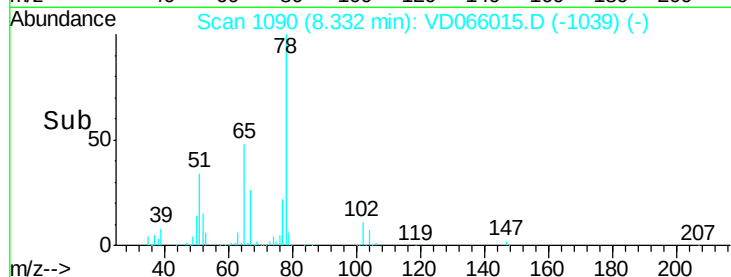
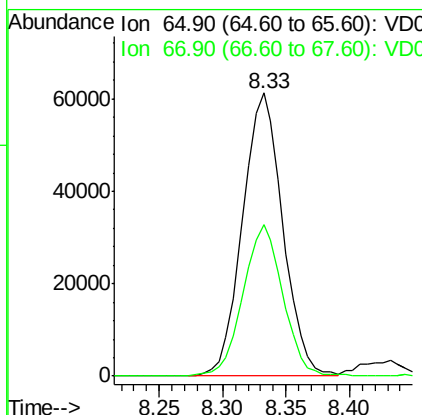
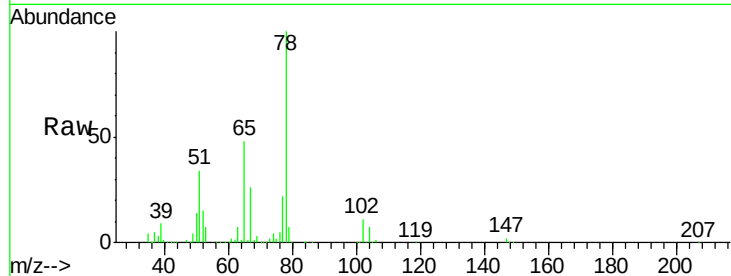
#33
 1,2-Dichloroethane-d4
 Concen: 48.162 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135411		
67	52.7	0.0	105.0	

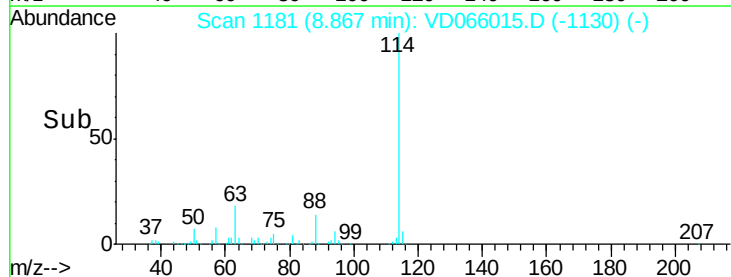
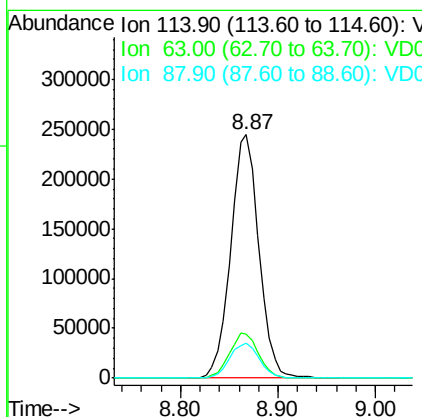
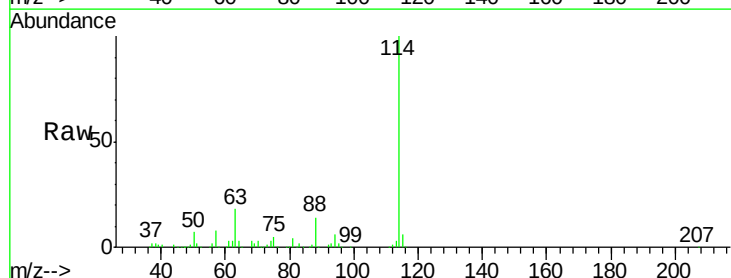
Manual Integrations
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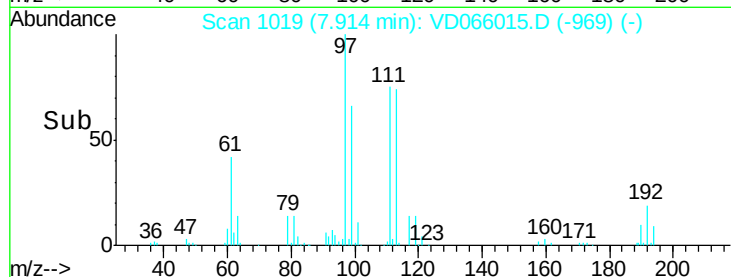
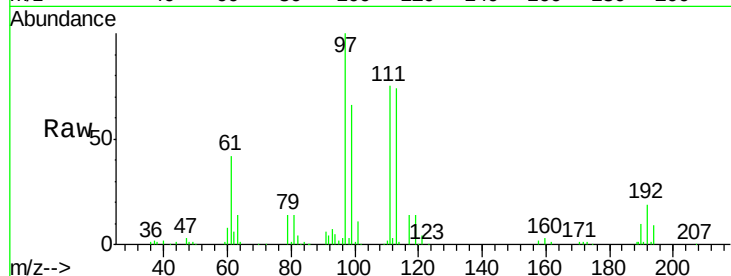
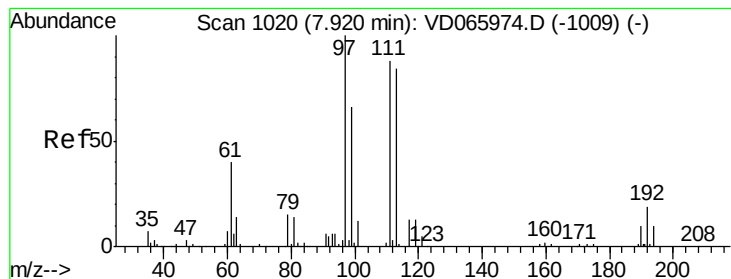
MMDadoda
 7/24/2020 12:59:47 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	488993		
63	18.1	0.0	39.6	
88	14.3	0.0	31.2	





#35

Dibromofluoromethane

Concen: 48.802 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Tot Ion:	113	Resp:	144743
Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.2	124.8
192	23.4	18.7	28.1

Instrument :

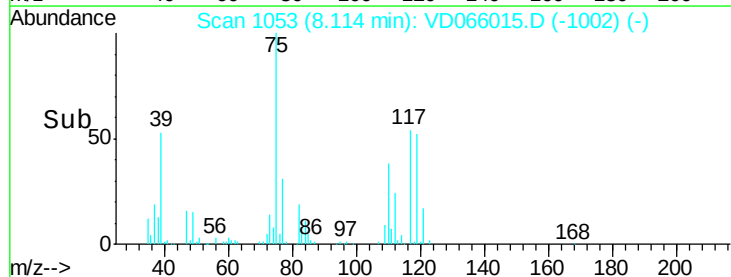
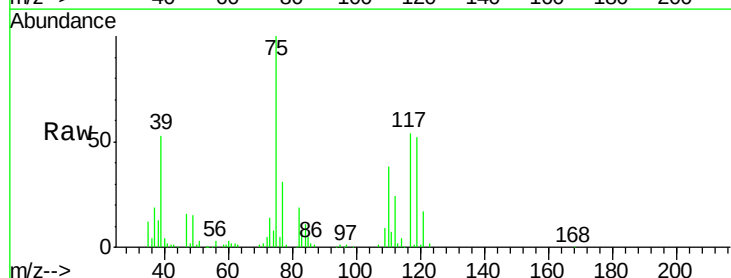
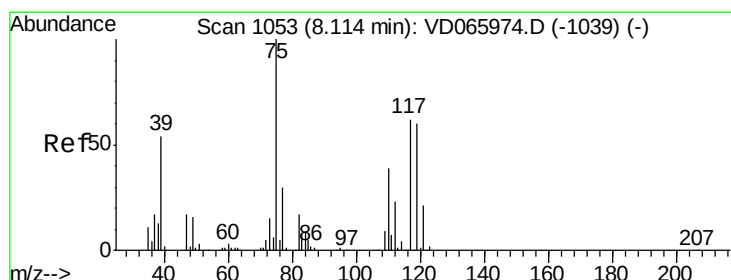
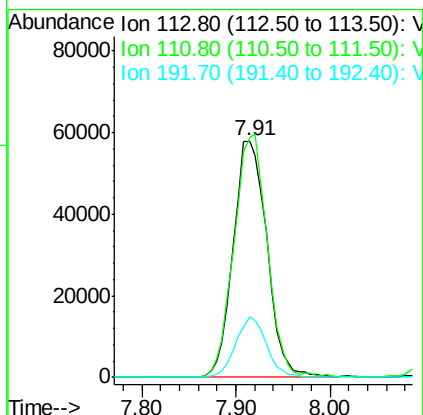
MSVOA_D

ClientSampleId :

VSTDCCC050

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.618 ug/l

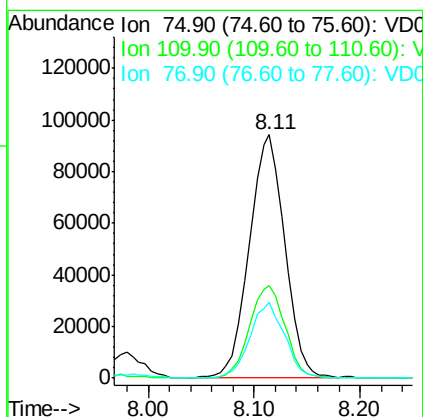
RT: 8.11 min Scan# 1053

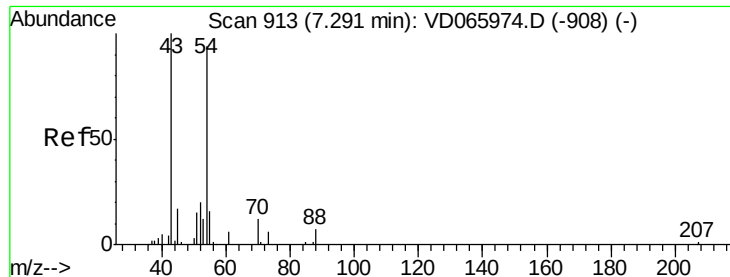
Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Tgt Ion:	75	Resp:	219593
Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.5	58.5
77	30.6	24.7	37.1





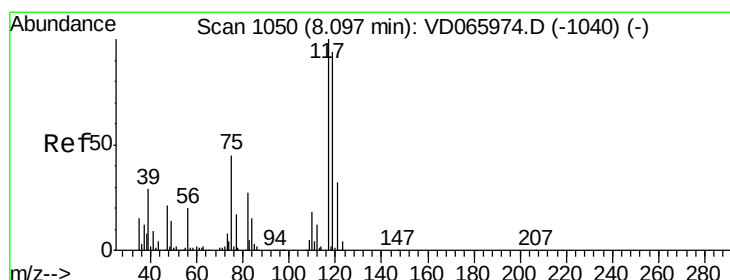
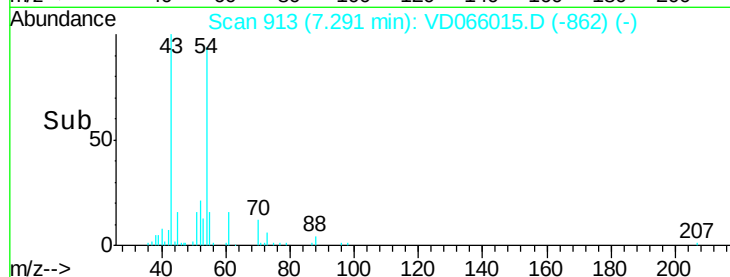
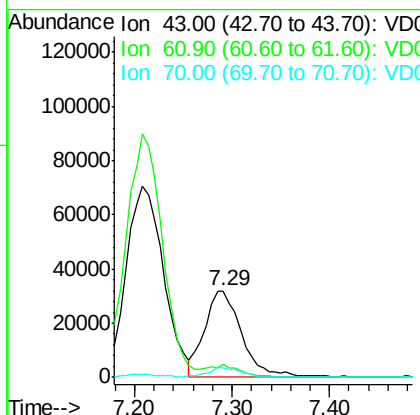
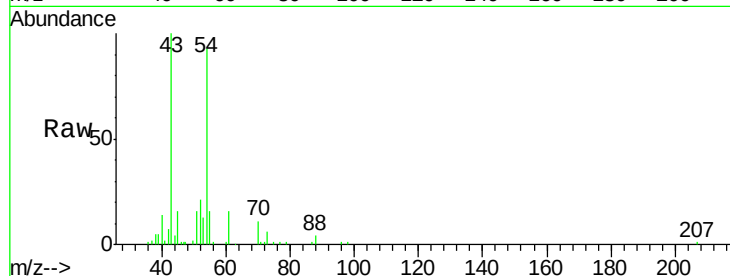
#37
Ethyl Acetate
Concen: 51.445 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.4	17.0
70	10.7	9.3	13.9

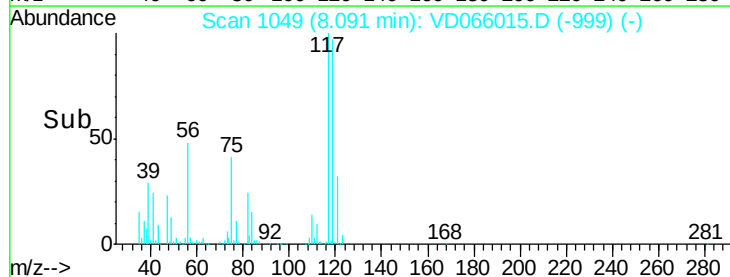
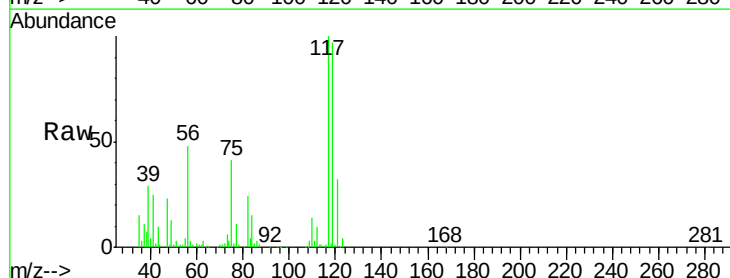
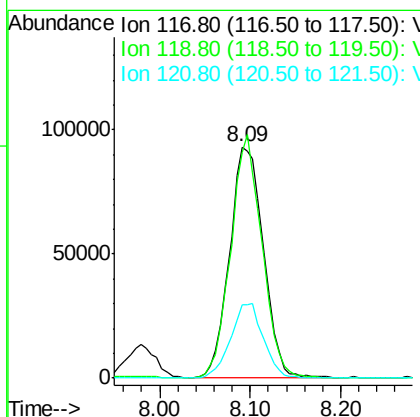
Manual Integrations
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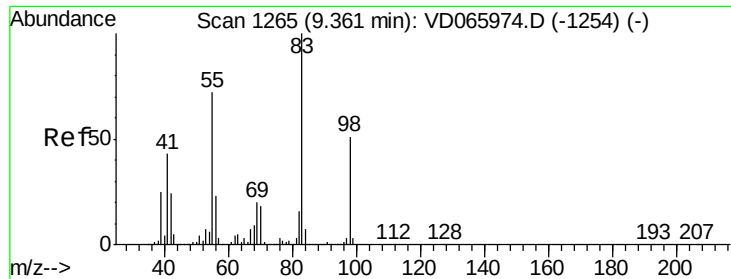
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#38
Carbon Tetrachloride
Concen: 53.279 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.0	112.6
121	31.8	25.5	38.3





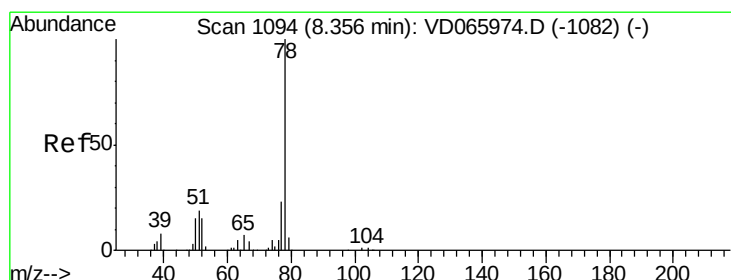
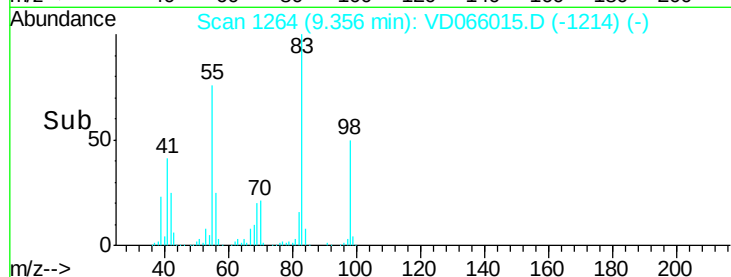
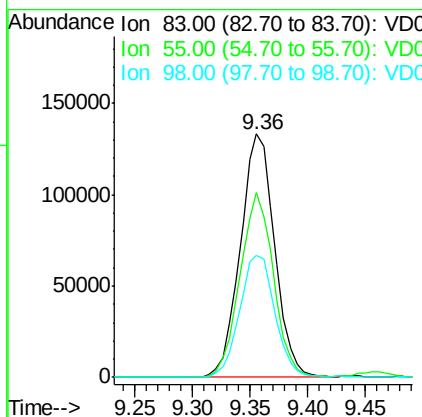
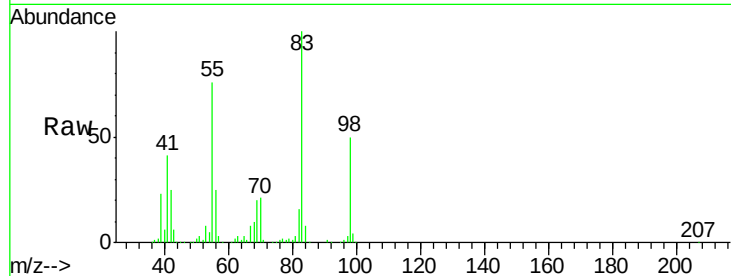
#39
Methylvlcyclohexane
Concen: 54.629 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	276091
Ion Ratio	Lower	Upper	
83	100		
55	75.8	57.3	85.9
98	50.0	41.0	61.6

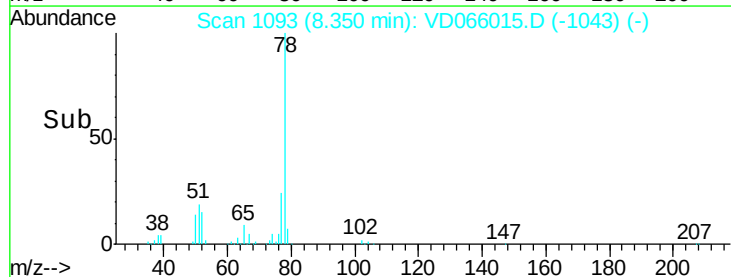
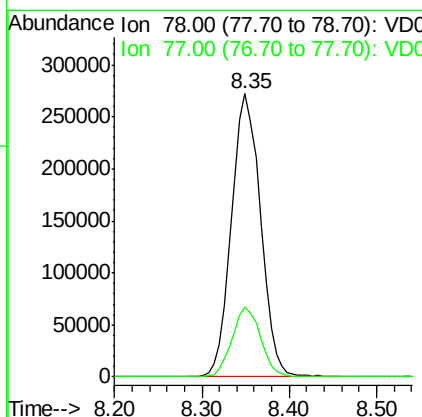
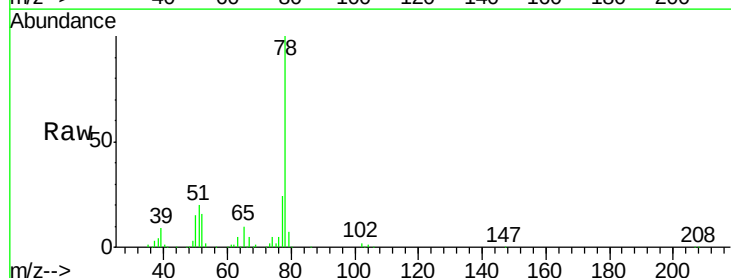
Manual Integrations
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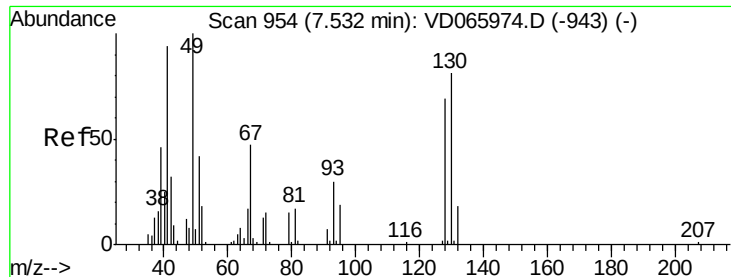
MMDadoda
7/24/2020 12:59:47 PM



#40
Benzene
Concen: 52.745 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	78	Resp	615820
Ion Ratio	Lower	Upper	
78	100		
77	24.5	18.6	27.8





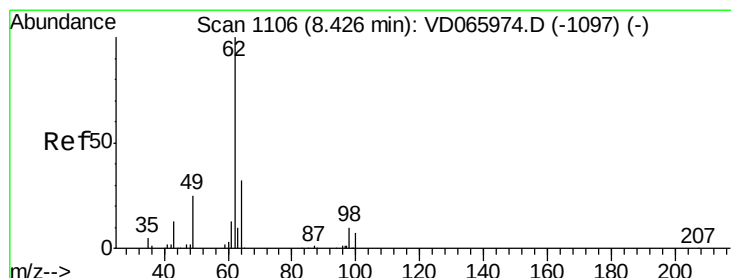
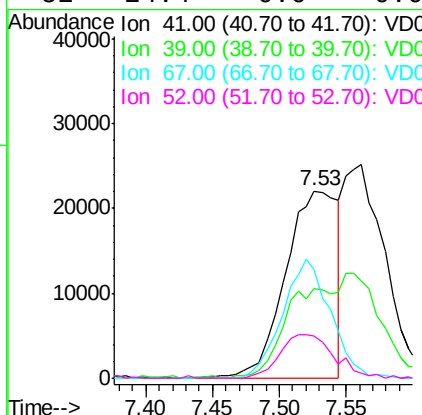
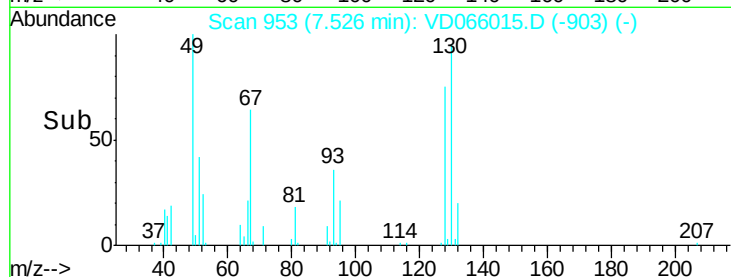
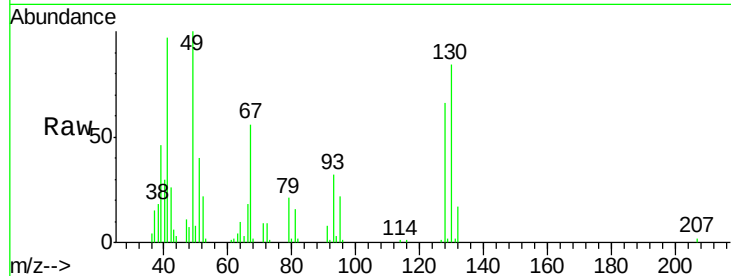
#41
Methacrylonitrile
Concen: 65.574 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	58.3	0.0	0.0#
52	24.4	0.0	0.0#

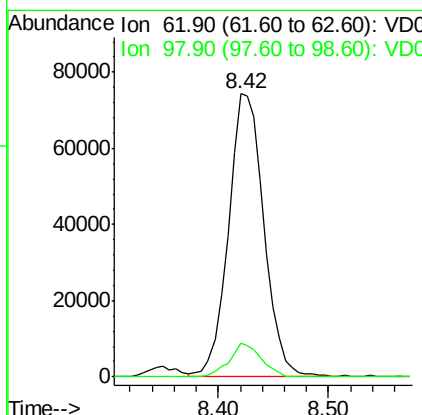
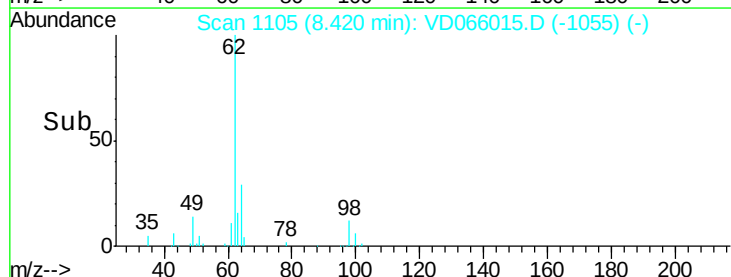
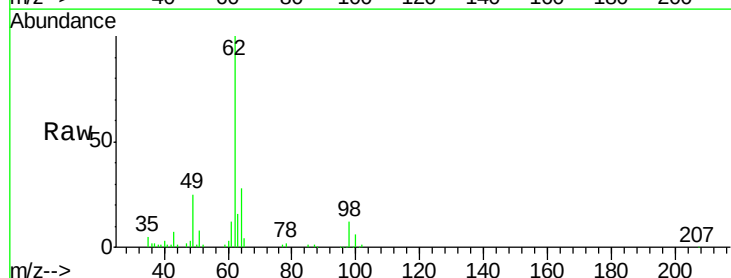
Manual Integrations
APPROVED

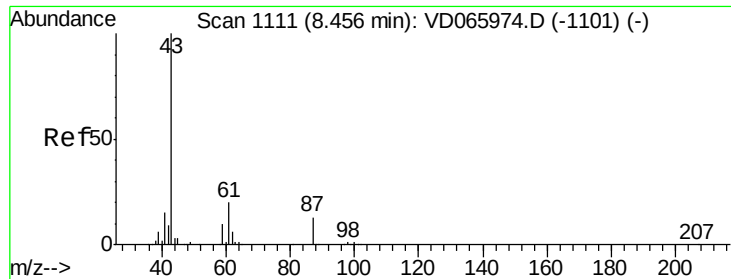
MMDadoda
7/24/2020 12:59:47 PM



#42
1,2-Dichloroethane
Concen: 51.853 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0





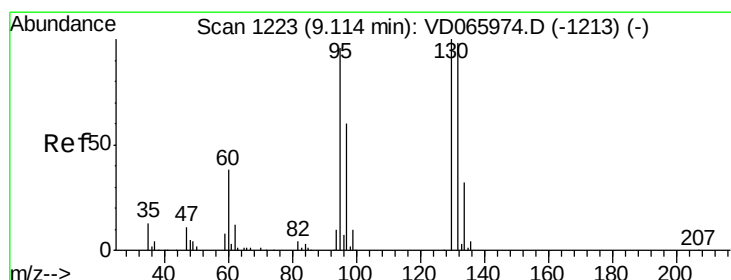
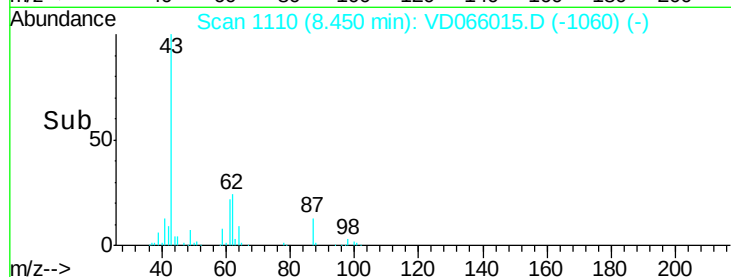
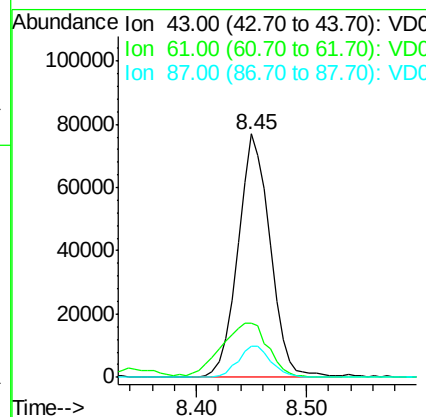
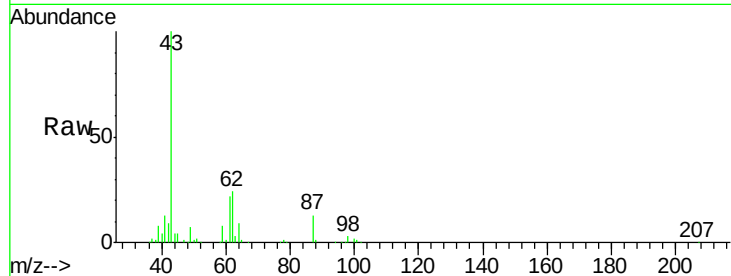
#43
Isopropyl Acetate
Concen: 50.670 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	157732
Ion Ratio	Lower	Upper	
43	100		
61	32.3	25.8	38.8
87	13.2	10.9	16.3

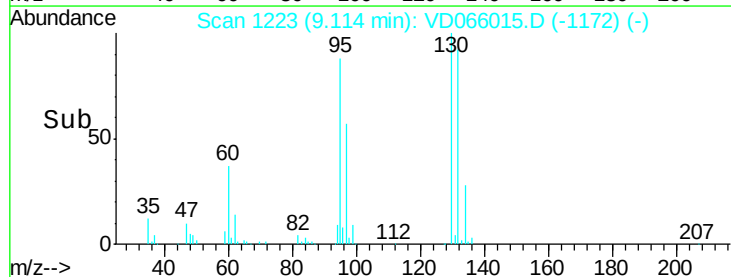
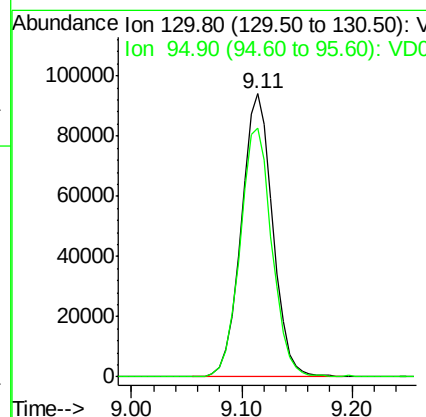
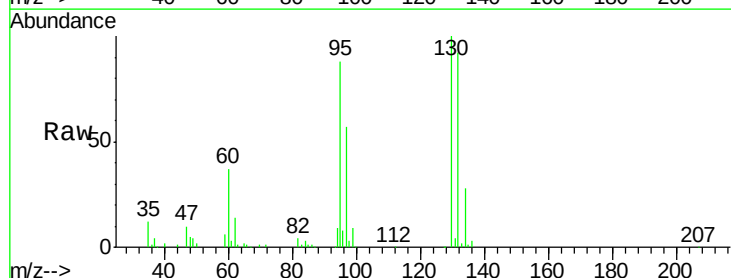
Manual Integrations
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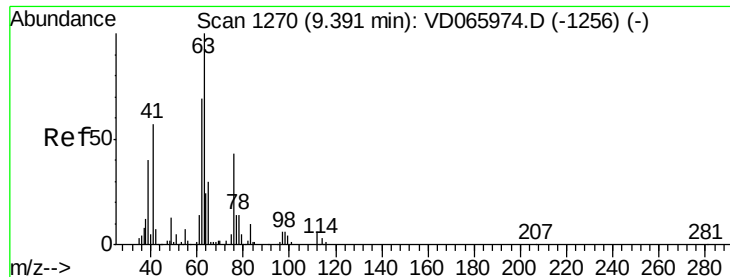
MMDadoda
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#44
Trichloroethene
Concen: 53.050 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	130	Resp	187435
Ion Ratio	Lower	Upper	
130	100		
95	87.8	0.0	191.6





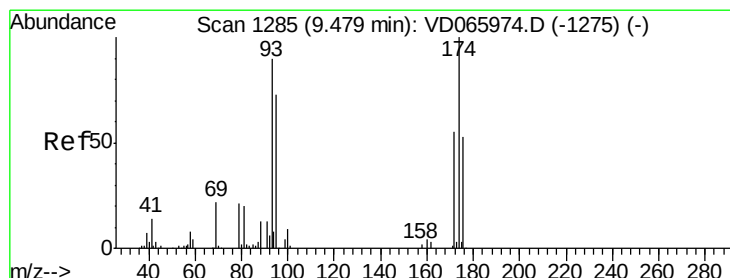
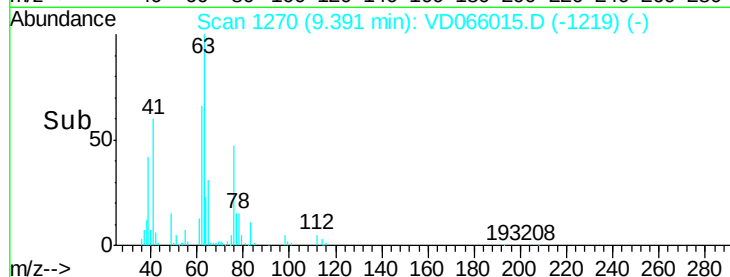
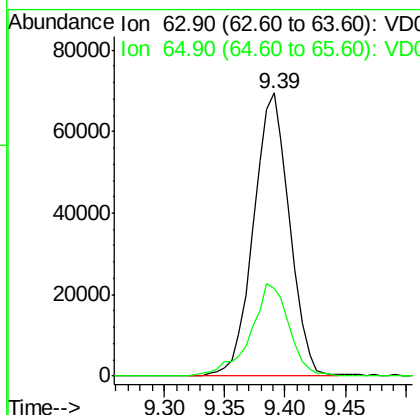
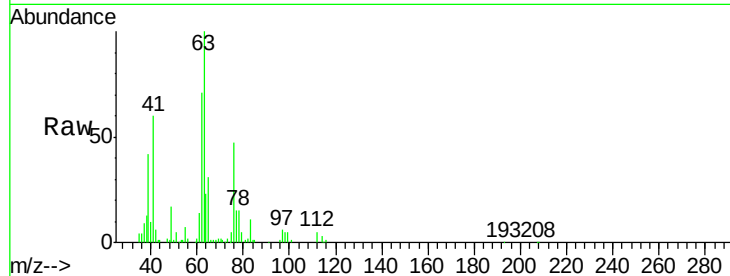
#45
 1,2-Dichloropropane
 Concen: 51.005 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.0	36.0

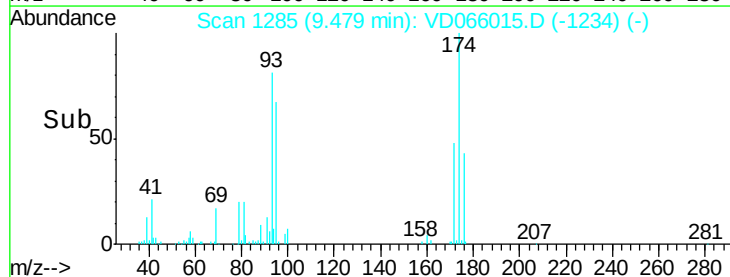
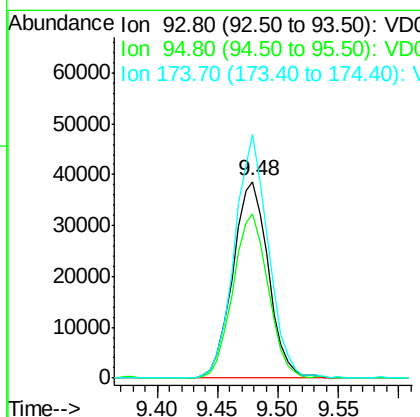
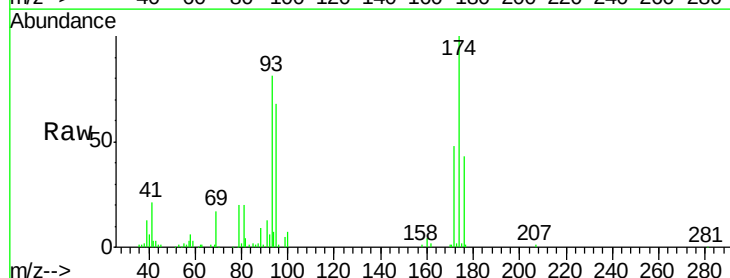
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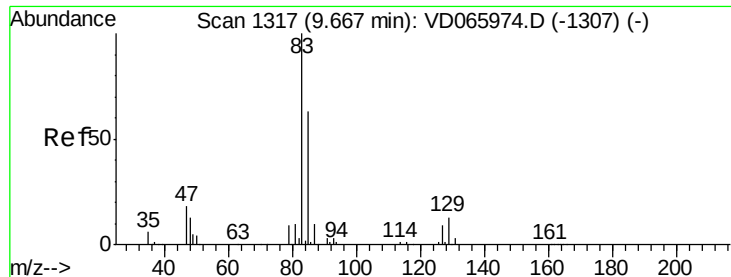
MMDadoda
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#46
 Dibromomethane
 Concen: 51.977 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.2	99.4
174	117.9	91.5	137.3





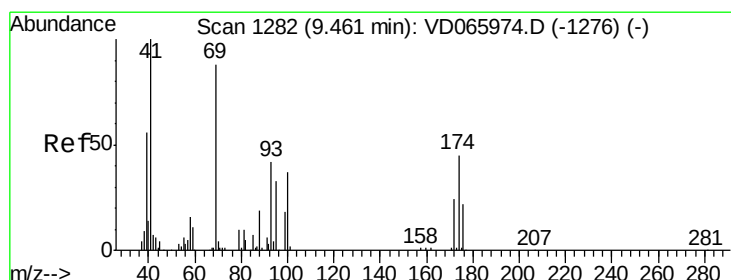
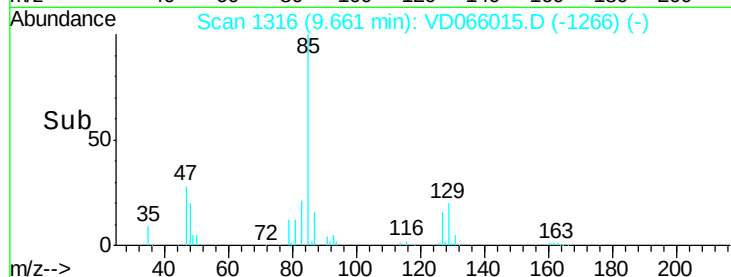
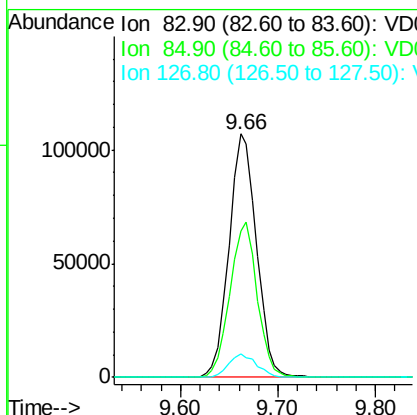
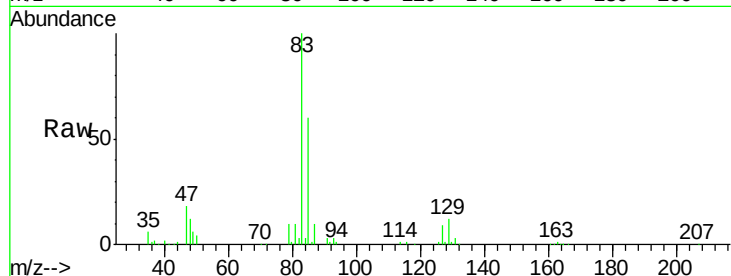
#47
Bromodichloromethane
Concen: 51.918 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	208971		
85	60.1		50.6	75.8
127	9.4		7.1	10.7

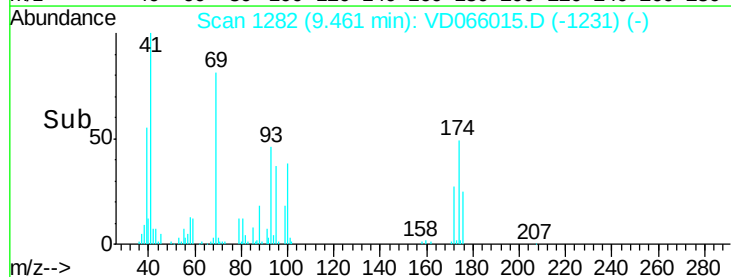
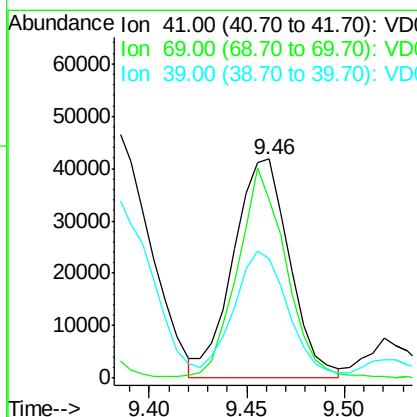
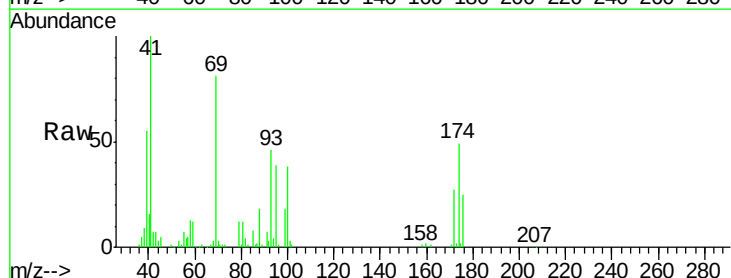
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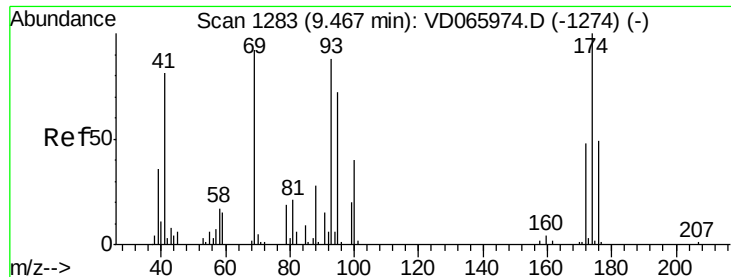
MMDadoda
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#48
Methyl methacrylate
Concen: 52.984 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	83196		
69	83.7		65.1	97.7
39	51.2		41.5	62.3





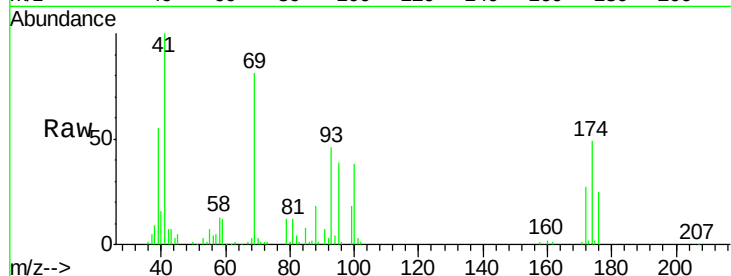
#49
1,4-Dioxane
Concen: 990.641 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

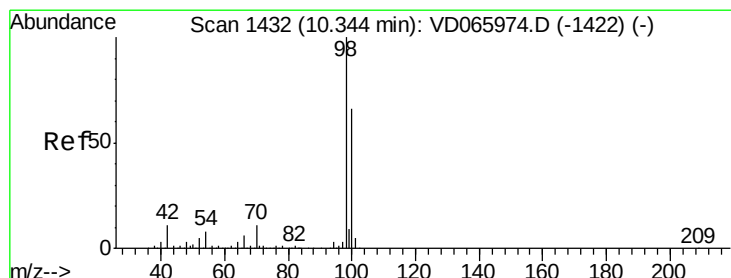
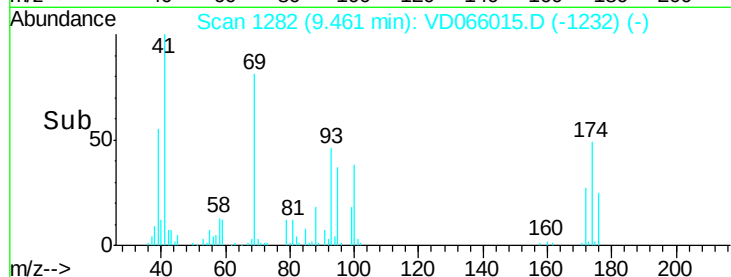
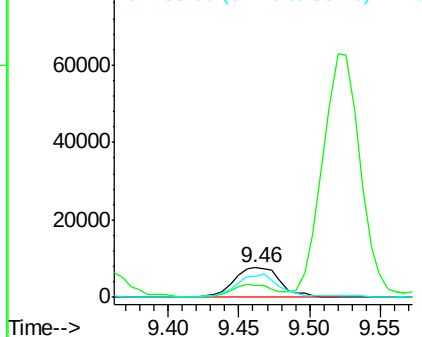
Tot Ion	88	Resp	17471
Ion Ratio	Lower	Upper	
88	100		
43	38.5	29.0	43.6
58	72.9	57.0	85.4

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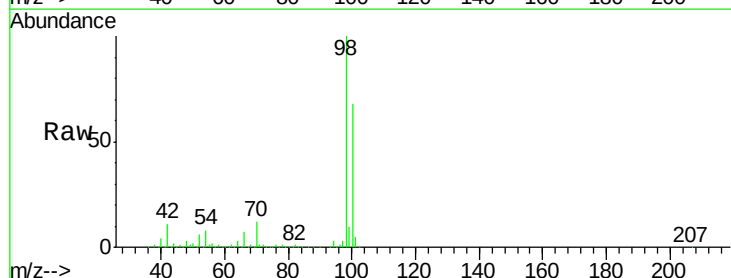


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

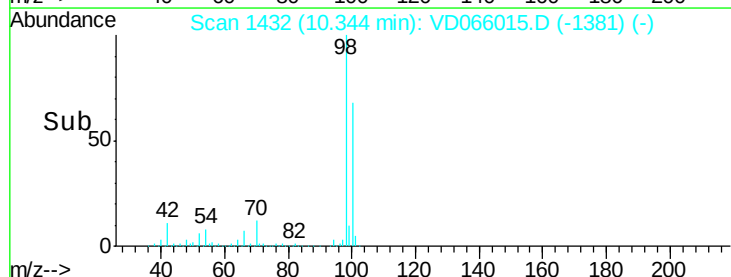
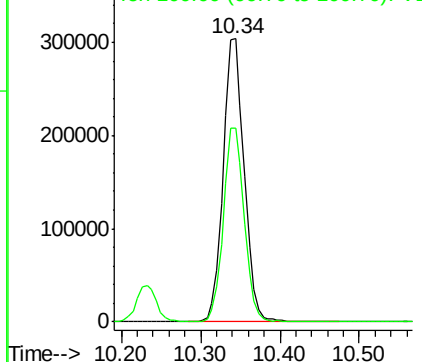


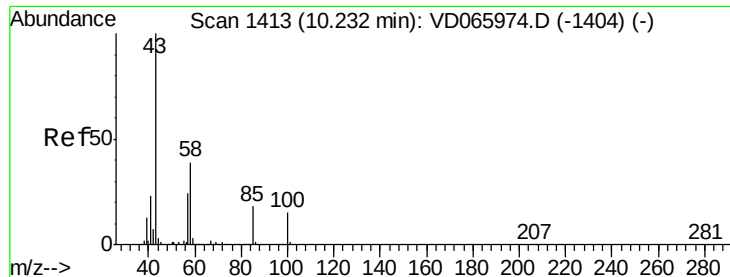
#50
Toluene-d8
Concen: 50.307 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	98	Resp	555824
Ion Ratio	Lower	Upper	
98	100		
100	67.5	52.7	79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





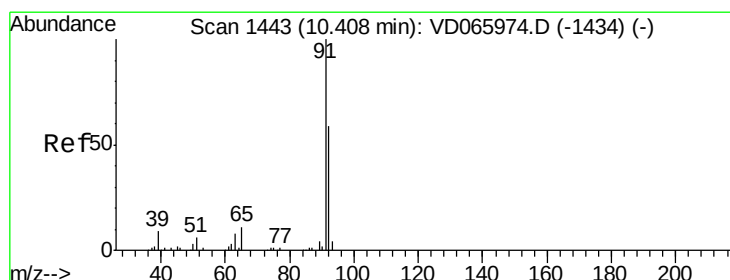
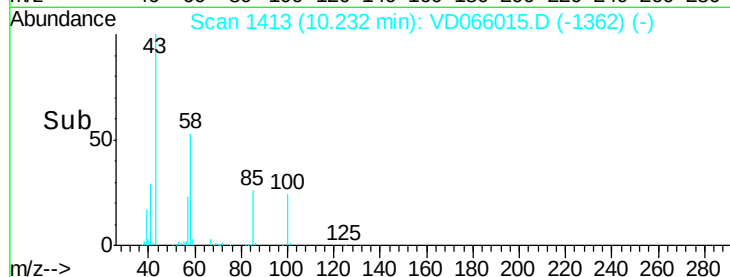
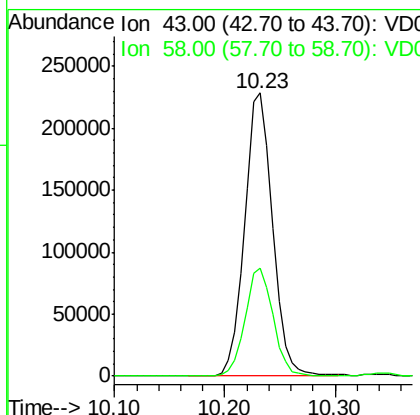
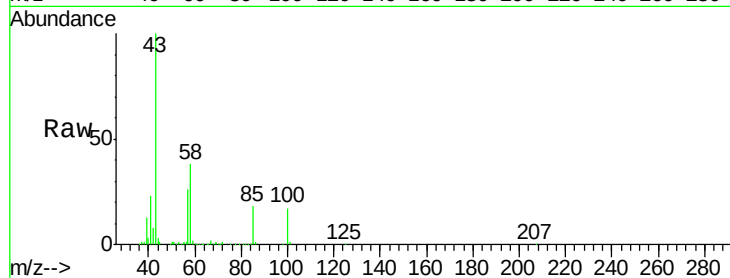
#51
4-Methyl-2-Pentanone
Concen: 259.427 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	406899
Ion Ratio	100	Lower	Upper
43	100		
58	38.3	31.3	46.9

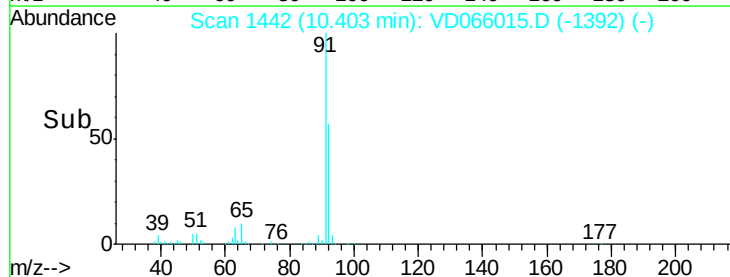
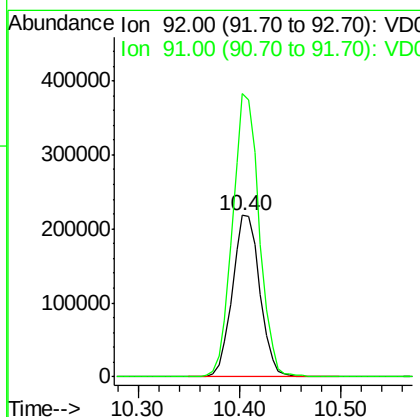
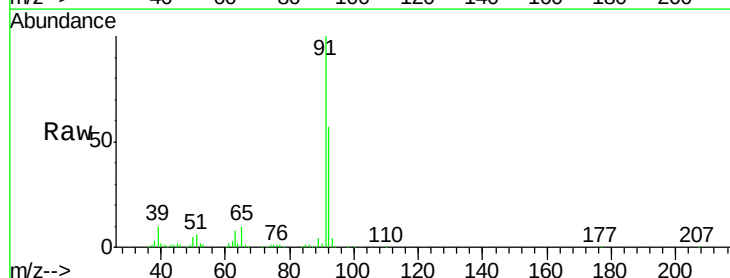
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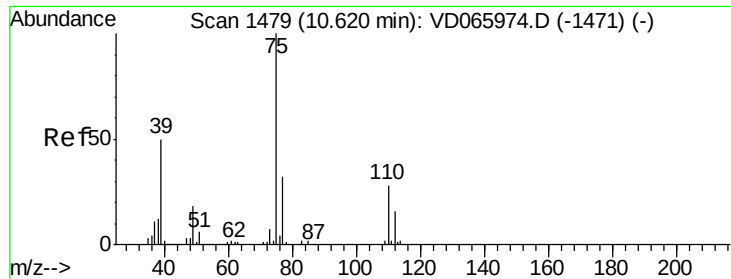
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#52
Toluene
Concen: 53.903 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.01 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	92	Resp	410420
Ion Ratio	100	Lower	Upper
92	100		
91	170.1	134.5	201.7





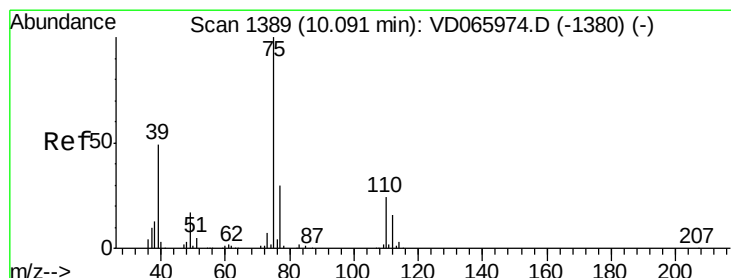
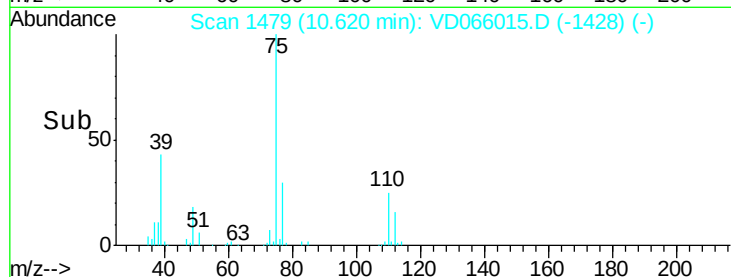
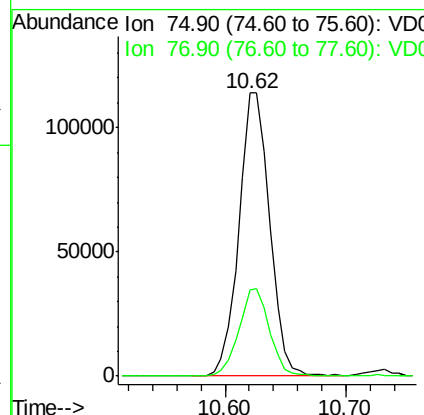
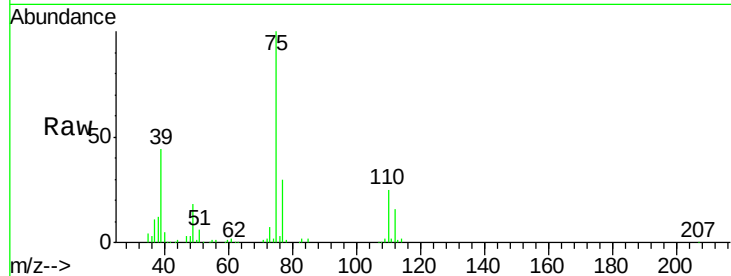
#53
t-1,3-Dichloropropene
Concen: 54.008 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 202524
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.6

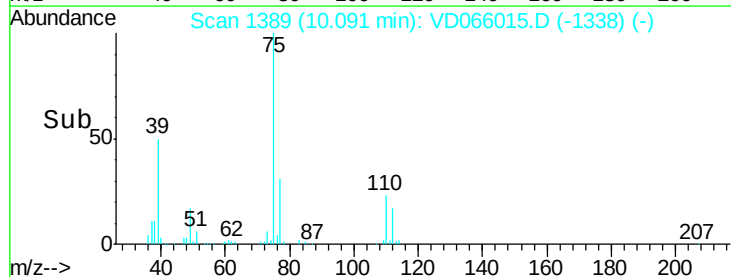
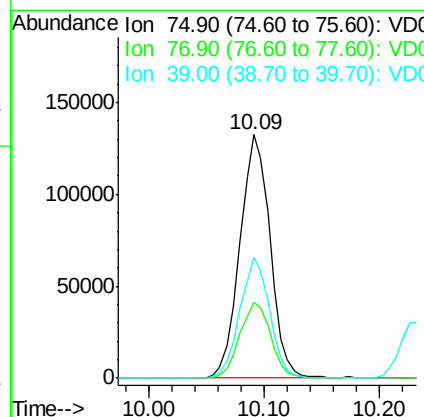
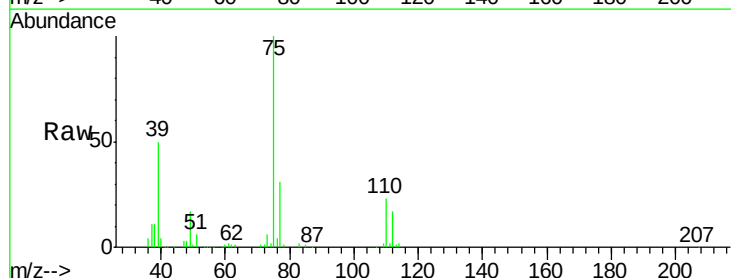
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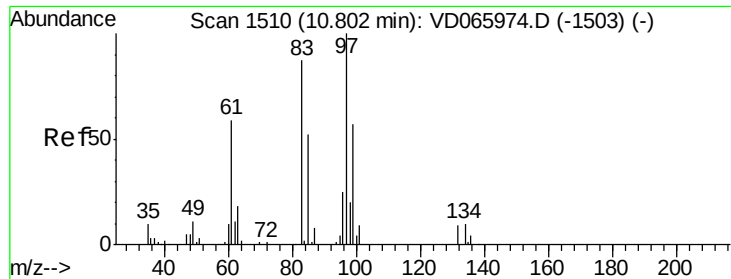
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#54
cis-1,3-Dichloropropene
Concen: 52.761 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion: 75 Resp: 239826
Ion Ratio Lower Upper
75 100
77 31.2 23.8 35.8
39 49.4 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 51.814 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 111862

Ion Ratio Lower Upper

97 100

83 85.2 69.7 104.5

85 61.7 41.6 62.4

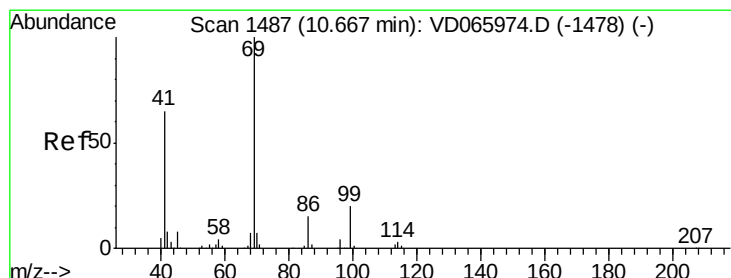
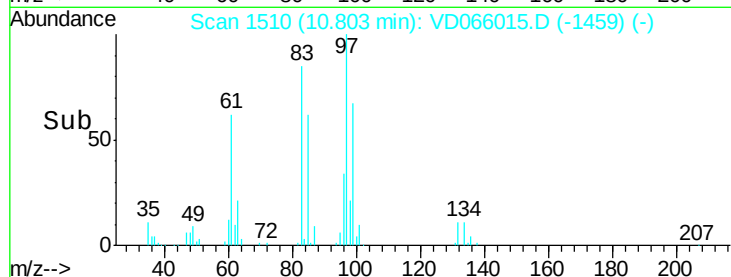
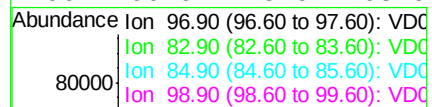
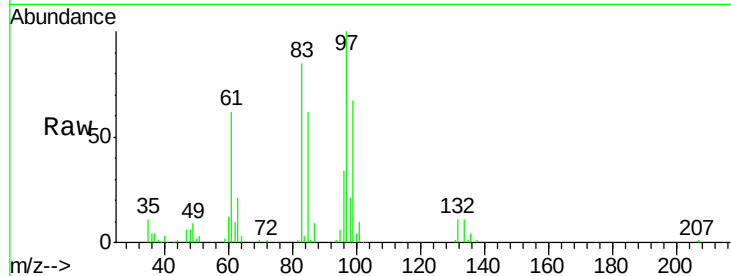
99 66.9 45.9 68.9

Manual Integrations

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#56

Ethyl methacrylate

Concen: 53.970 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

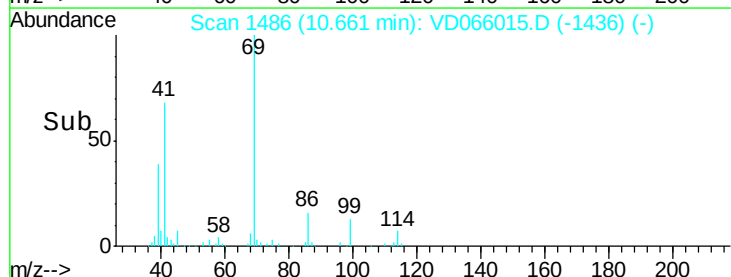
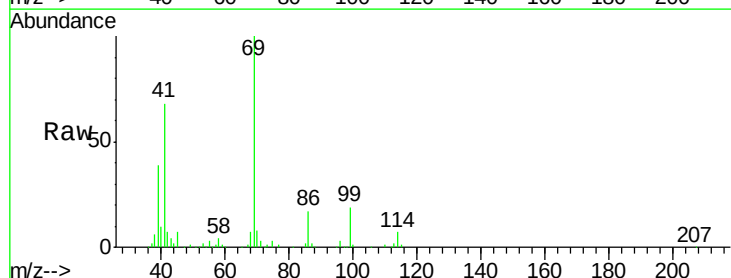
Tgt Ion: 69 Resp: 135468

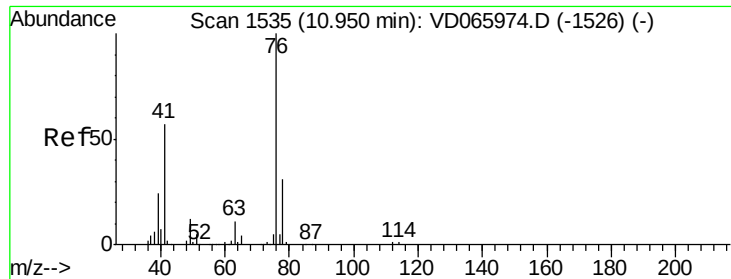
Ion Ratio Lower Upper

69 100

41 65.8 52.3 78.5

39 33.2 25.2 37.8





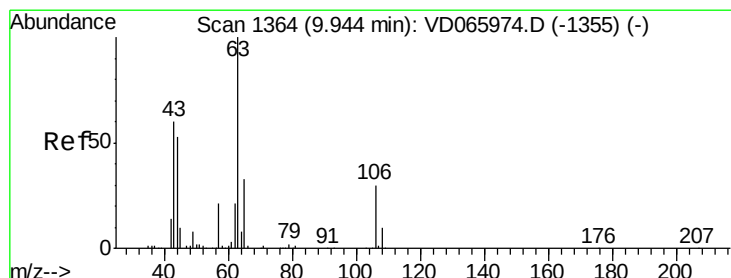
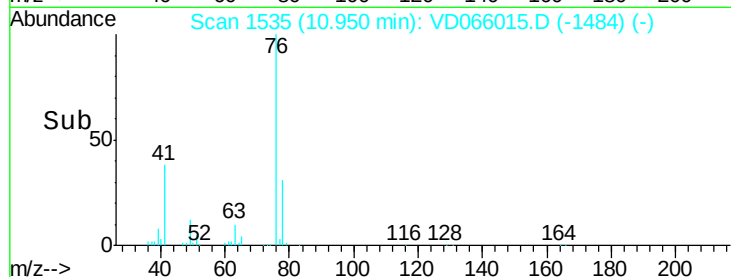
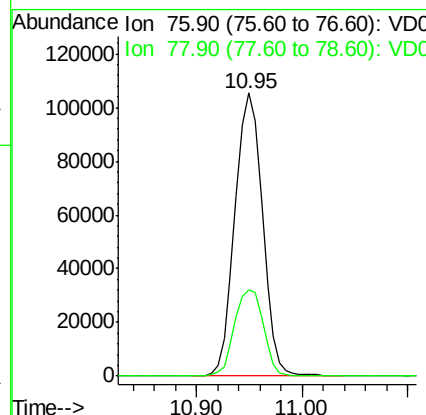
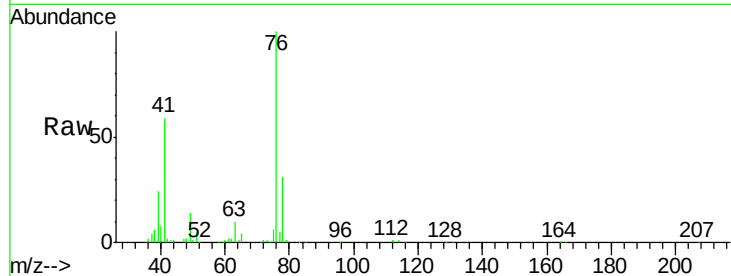
#57
 1,3-Dichloropropane
 Concen: 53.429 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.6	38.4

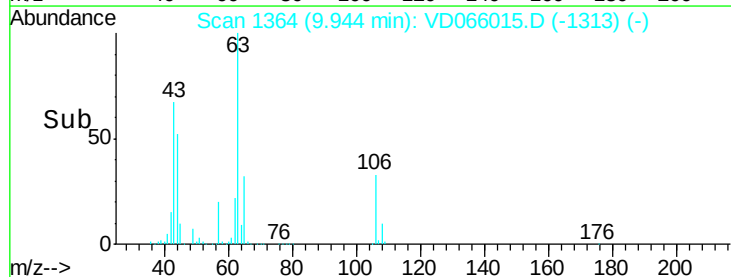
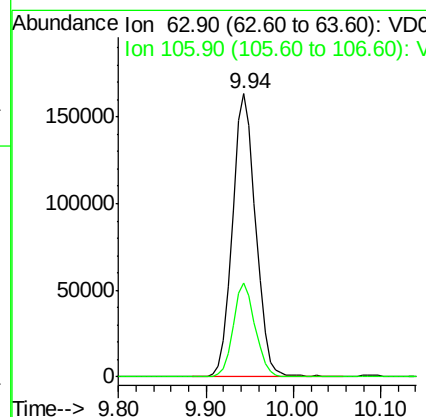
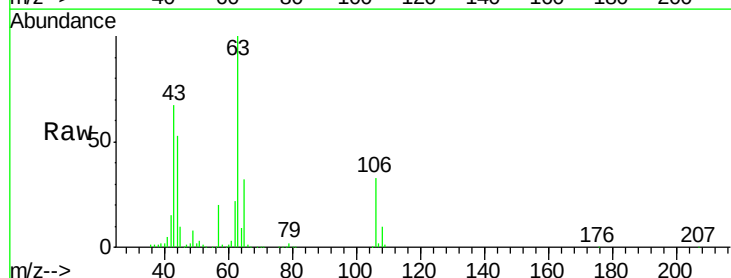
Manual Integrations
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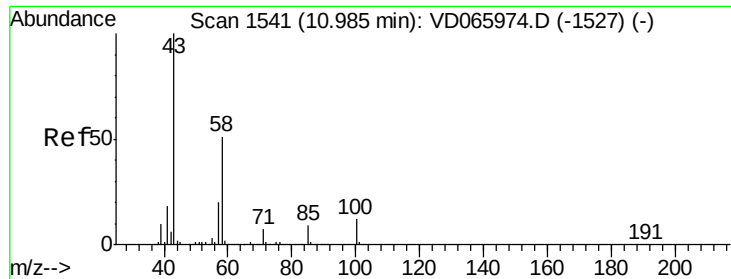
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 7/24/2020 12:59:47 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.113 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.4	24.4	36.6





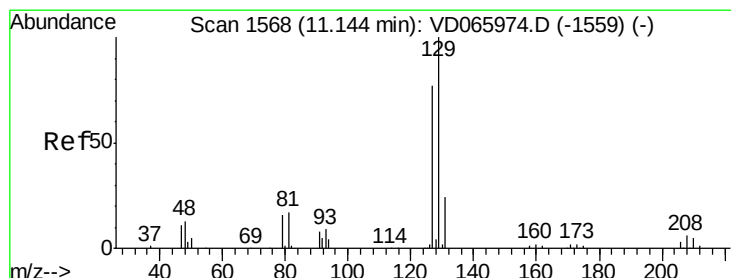
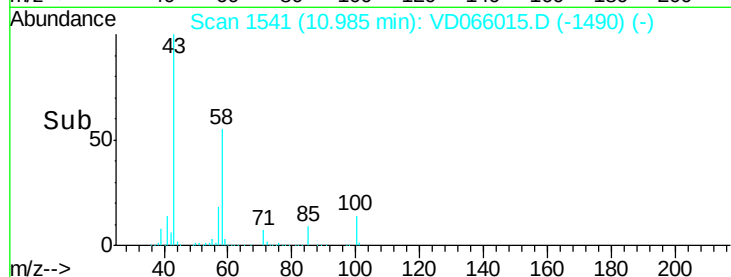
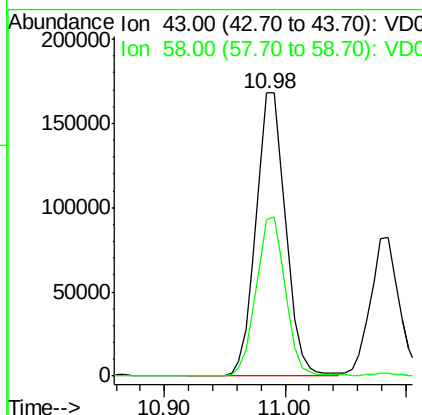
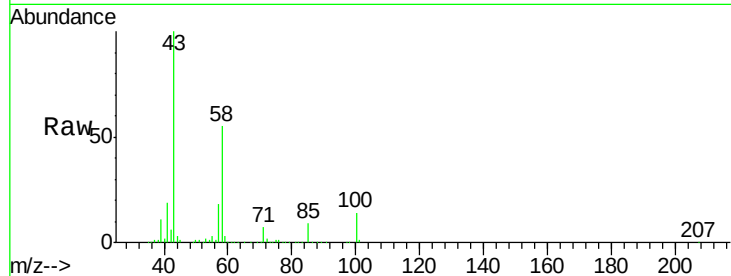
#59
2-Hexanone
Concen: 268.017 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 291313
Ion Ratio Lower Upper
43 100
58 55.3 26.2 78.6

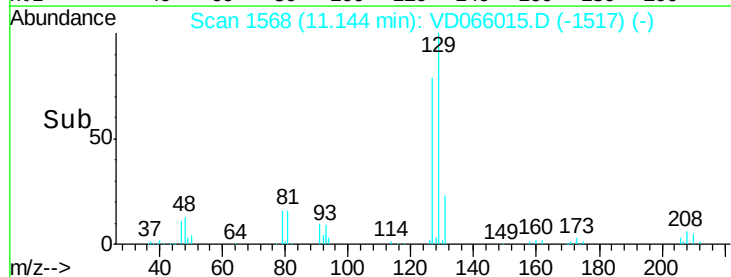
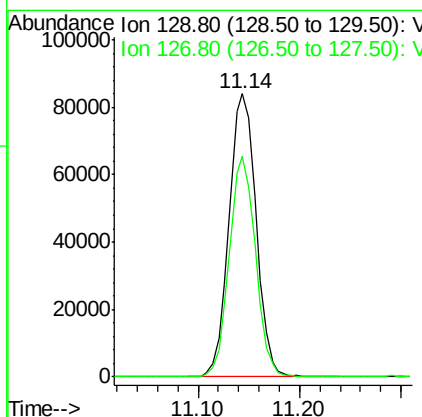
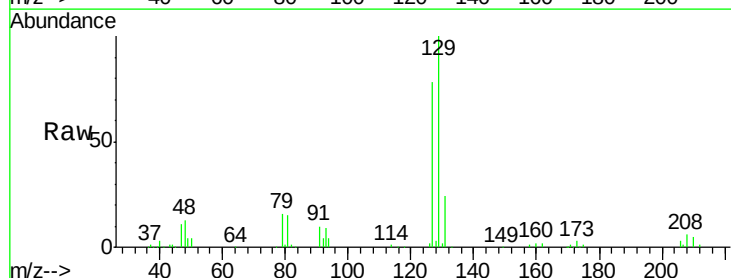
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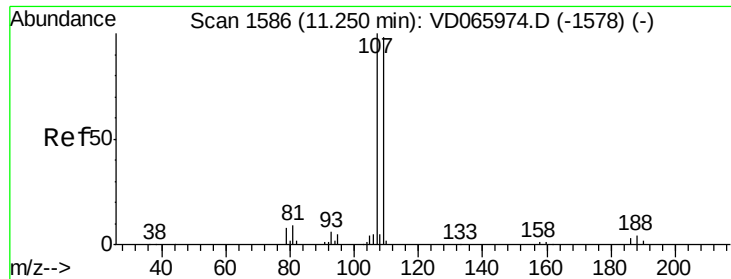
MMDadoda
7/24/2020 12:59:47 PM



#60
Dibromochloromethane
Concen: 53.543 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion: 129 Resp: 155858
Ion Ratio Lower Upper
129 100
127 75.5 38.6 115.7





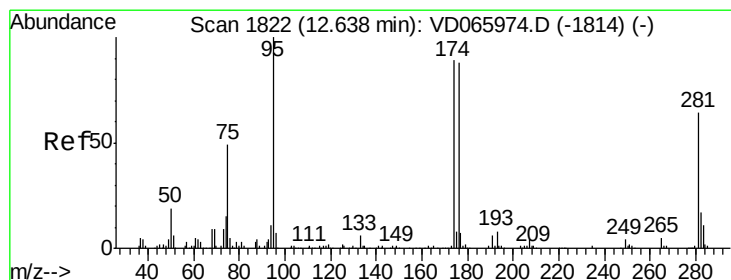
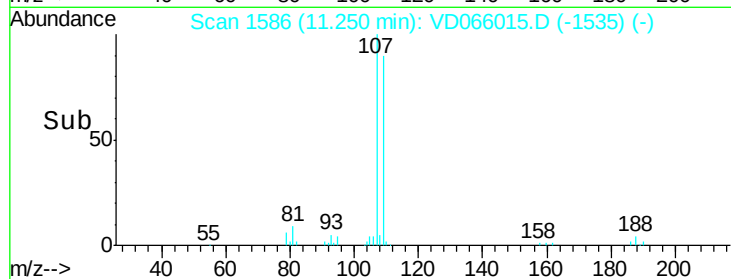
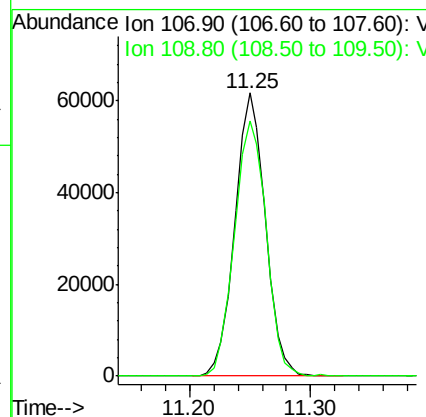
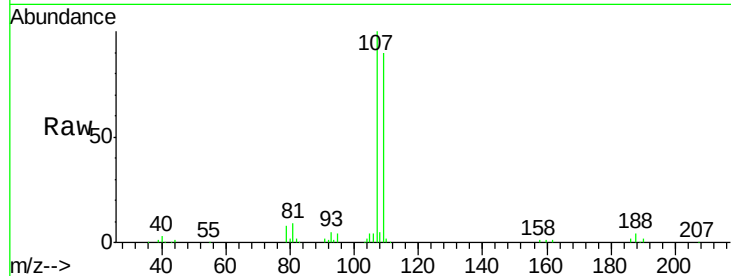
#61
 1,2-Dibromoethane
 Concen: 52.090 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.0	112.4

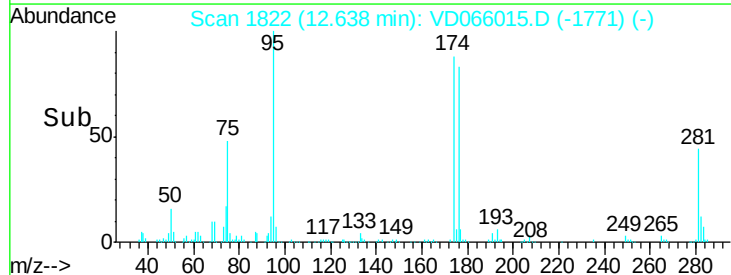
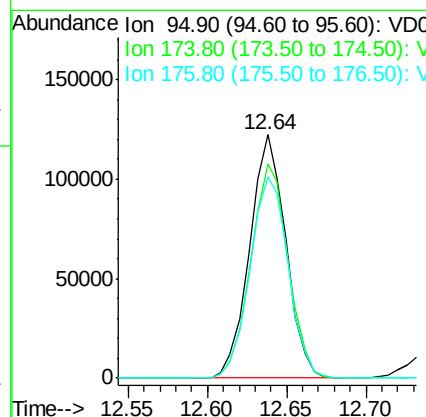
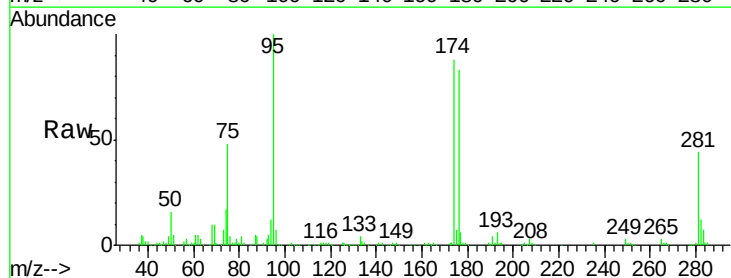
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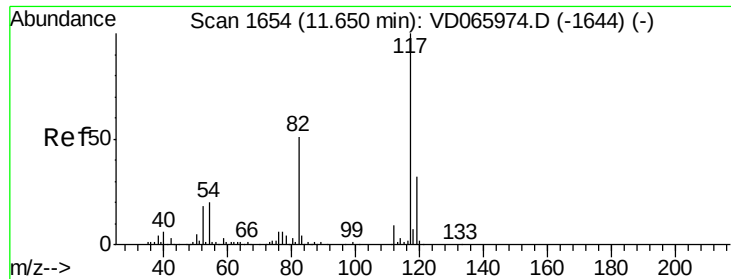
MMDadoda
 7/24/2020 12:59:47 PM



#62
 4-Bromofluorobenzene
 Concen: 50.517 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	178.8
176	87.4	0.0	172.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

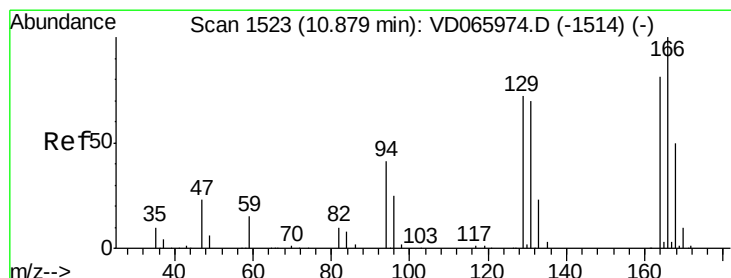
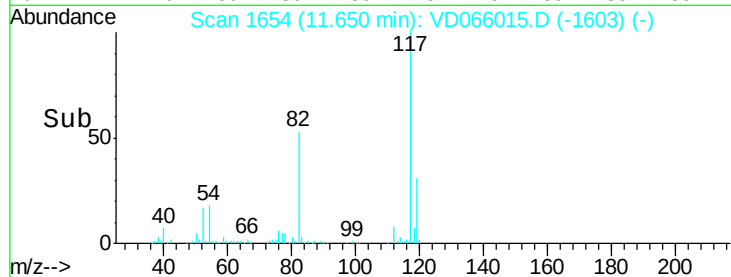
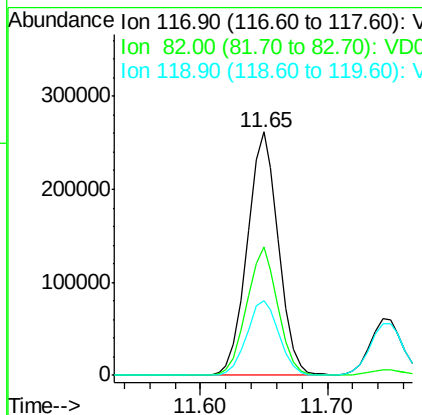
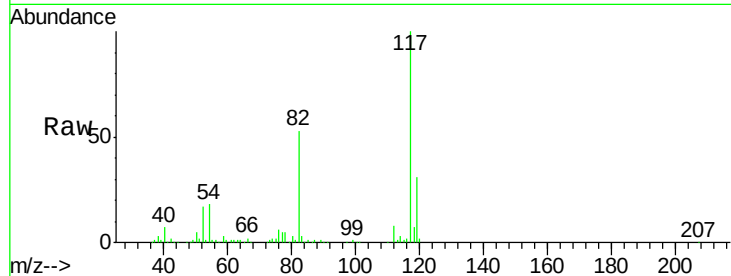
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	445556
Ion Ratio	Lower	Upper	
117	100		
82	52.6	41.1	61.7
119	30.8	25.9	38.9

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#64

Tetrachloroethene

Concen: 54.174 ug/l

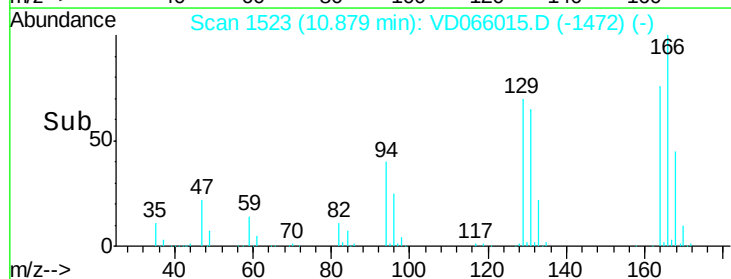
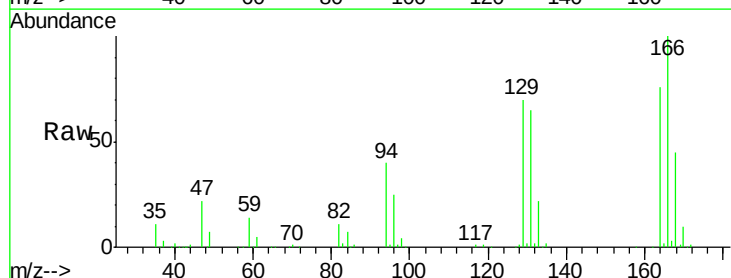
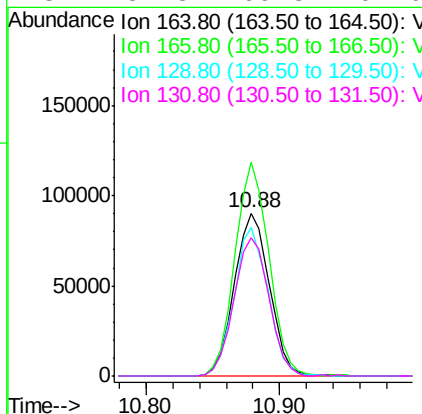
RT: 10.88 min Scan# 1523

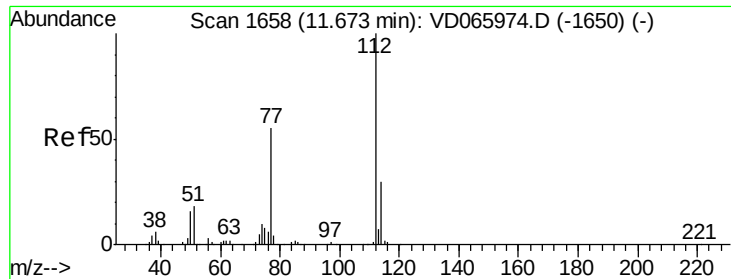
Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Tgt Ion:	164	Resp:	163831
Ion Ratio	Lower	Upper	
164	100		
166	131.0	99.1	148.7
129	91.3	71.5	107.3
131	84.3	69.8	104.6





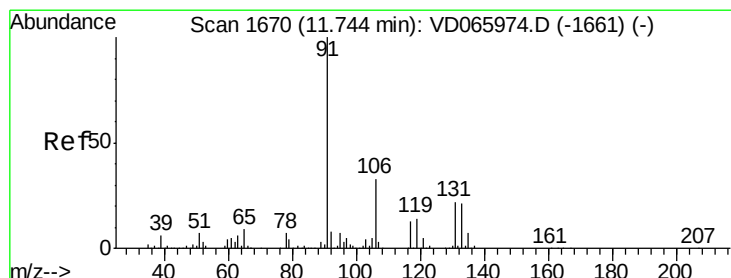
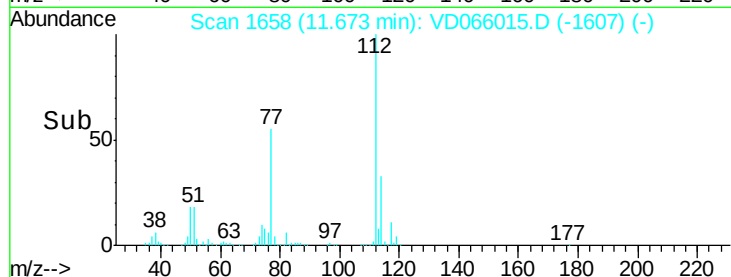
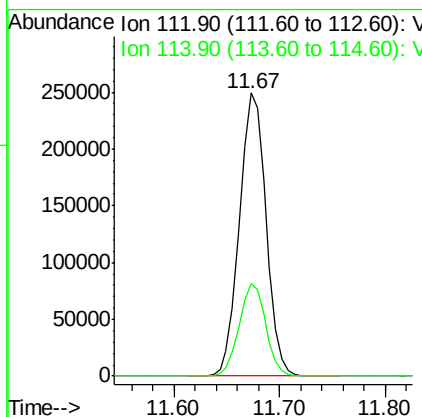
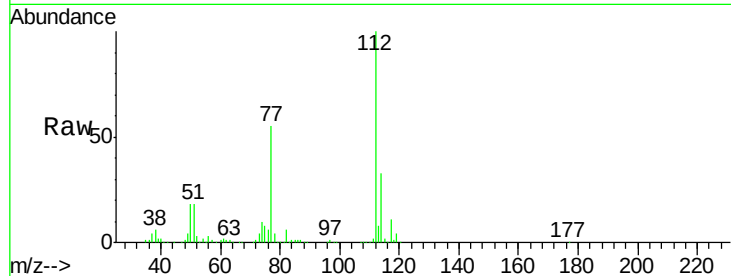
#65
Chlorobenzene
Concen: 53.394 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 435579
Ion Ratio Lower Upper
112 100
114 32.9 24.4 36.6

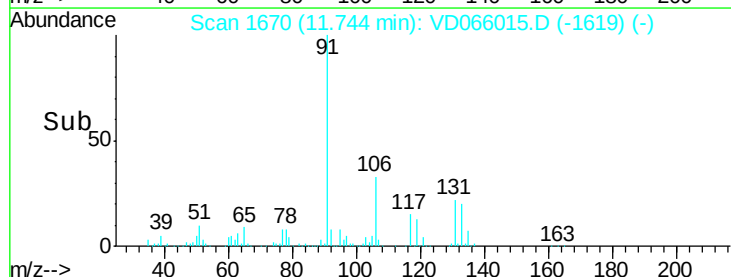
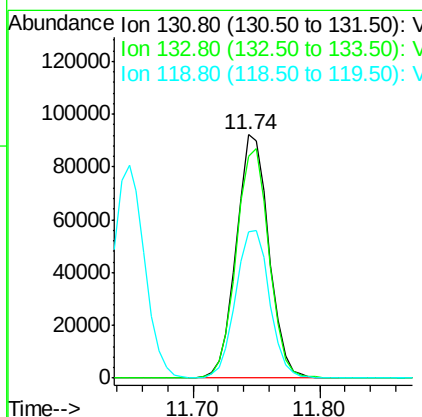
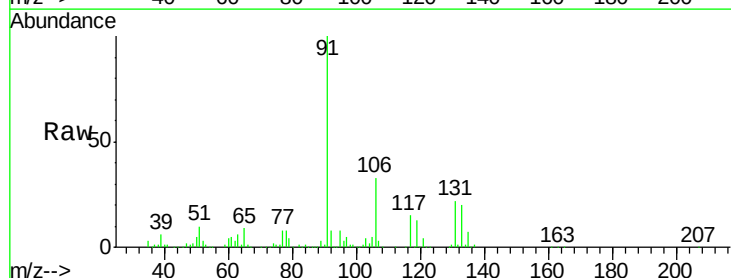
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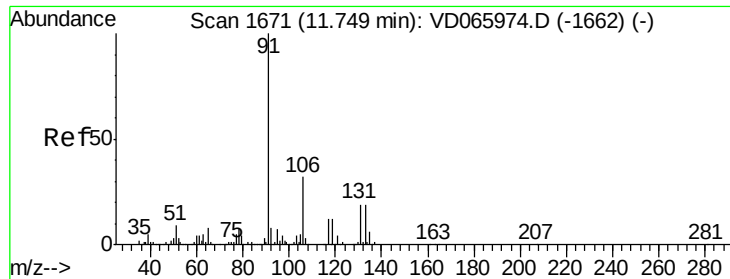
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.431 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion:131 Resp: 163959
Ion Ratio Lower Upper
131 100
133 94.9 47.3 142.0
119 63.2 31.7 95.1





#67

Ethyl Benzene

Concen: 55.202 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 774980

Ion Ratio Lower Upper

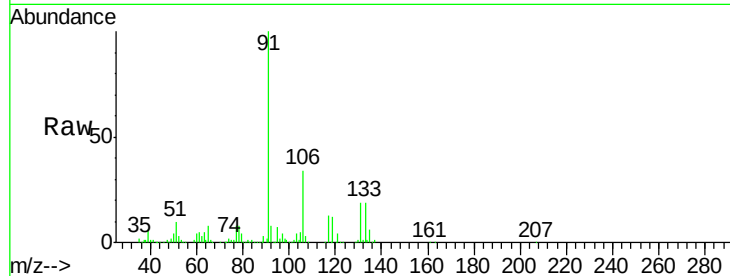
91 100

106 33.8 25.7 38.5

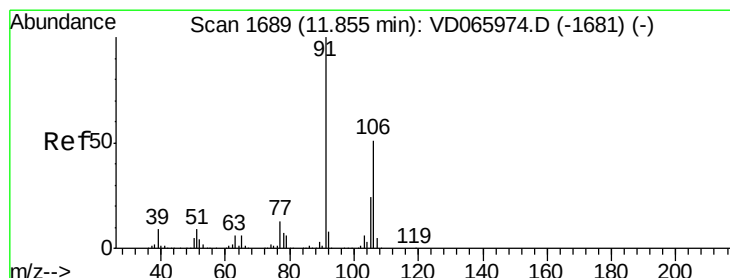
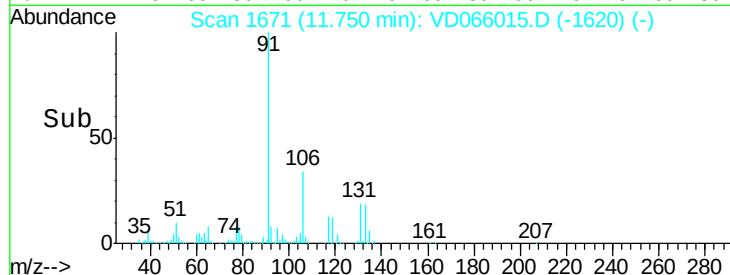
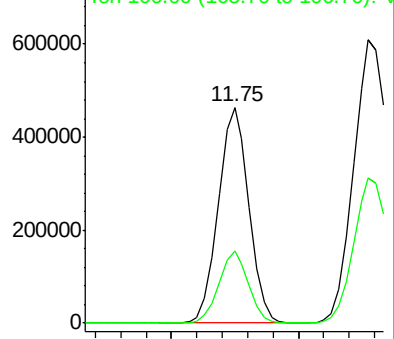
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Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 111.060 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066015.D

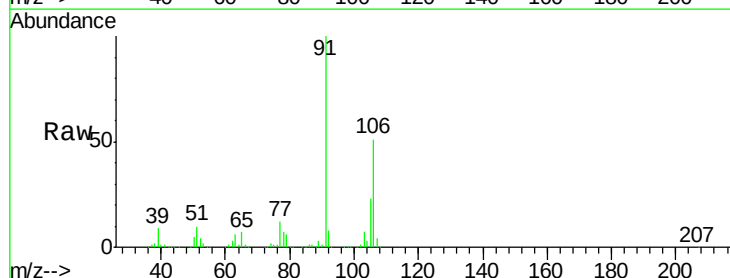
Acq: 23 Jul 2020 10:44

Tgt Ion: 106 Resp: 599285

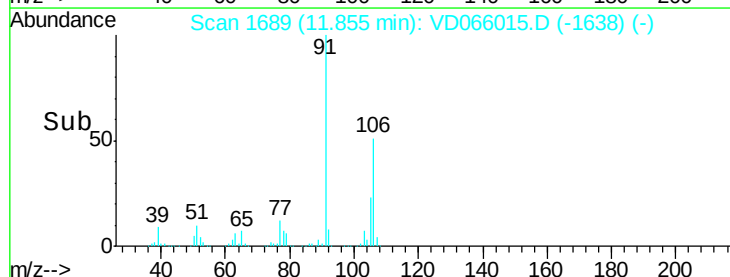
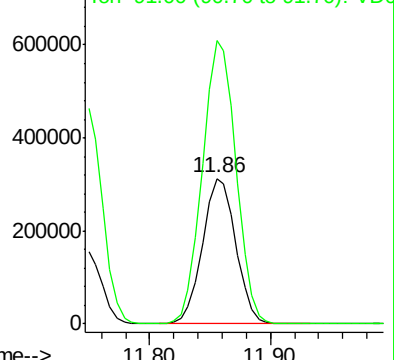
Ion Ratio Lower Upper

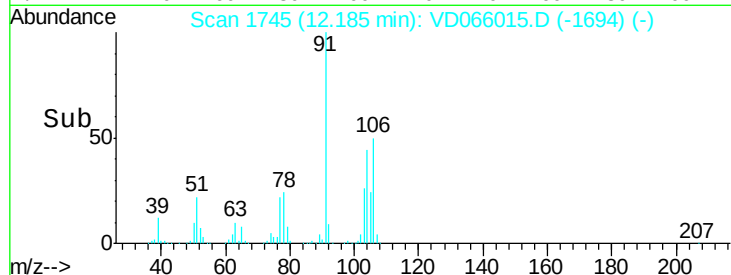
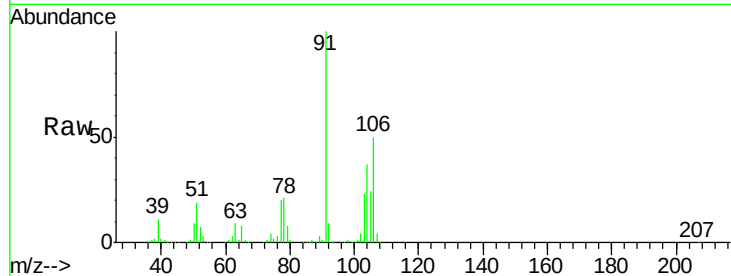
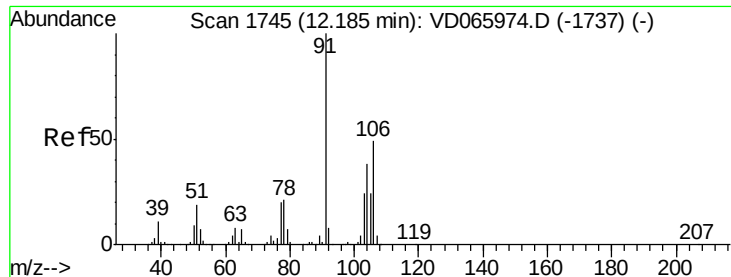
106 100

91 196.9 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V





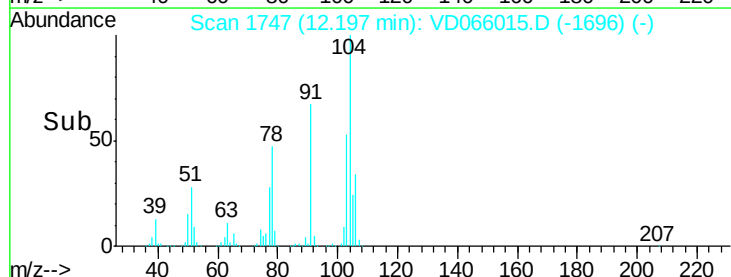
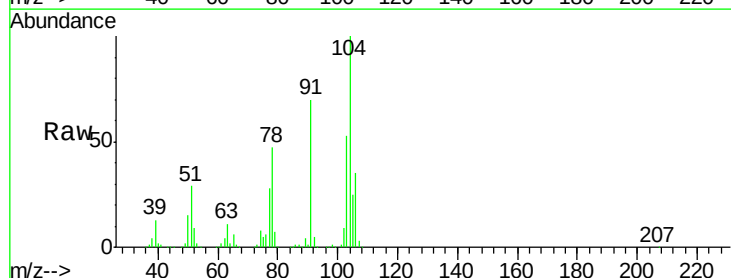
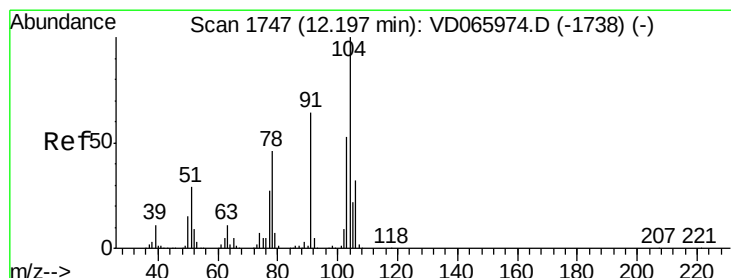
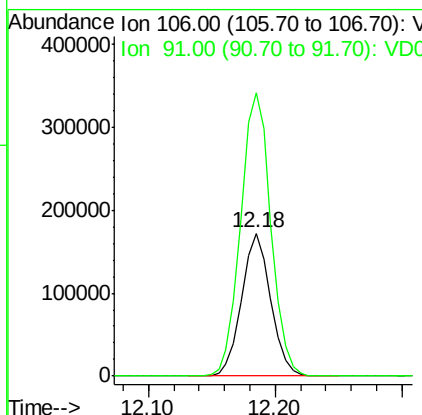
#69
o-Xylene
Concen: 55.723 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tot Ion	Ratio	Resp	Lower	Upper
106	100	273481		
91	205.6	103.1	309.3	

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

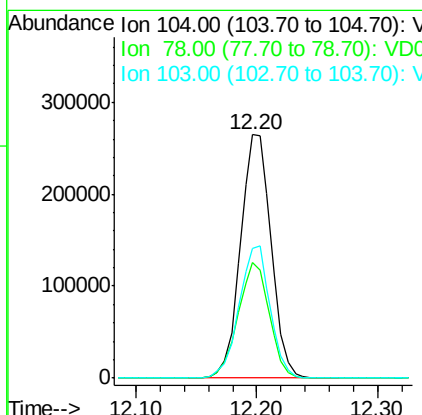
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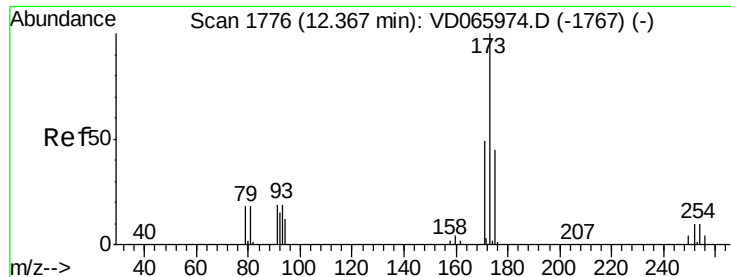
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#70
Styrene
Concen: 55.523 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	468201		
78	48.5	38.3	57.5	
103	55.1	43.8	65.8	





#71

Bromoform

Concen: 54.007 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

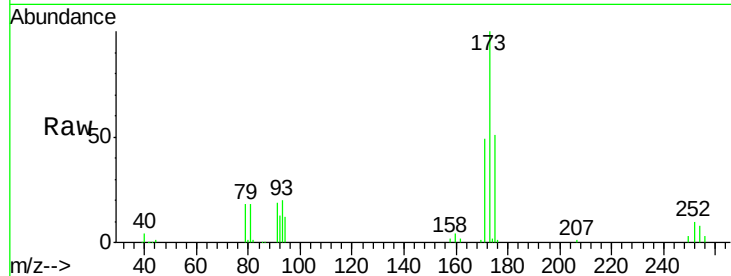
ClientSampleId :

VSTDCCC050

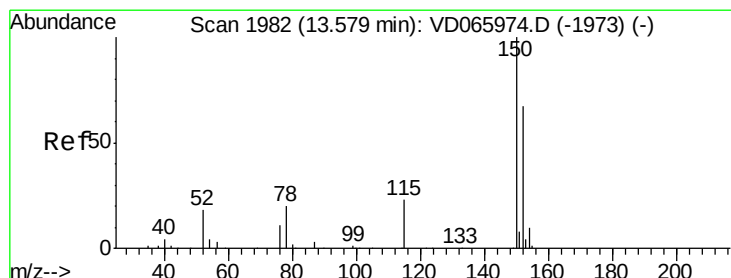
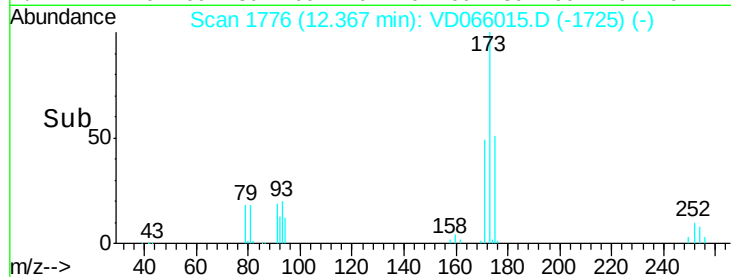
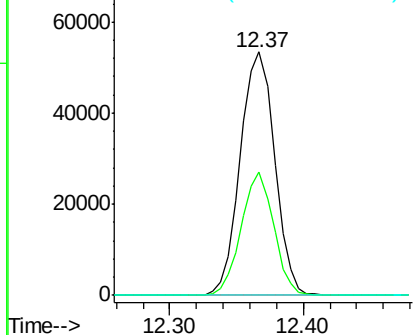
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.1	72.3
254	0.1	0.0	0.0

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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

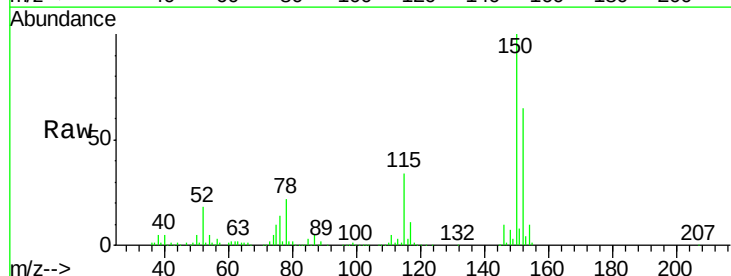
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

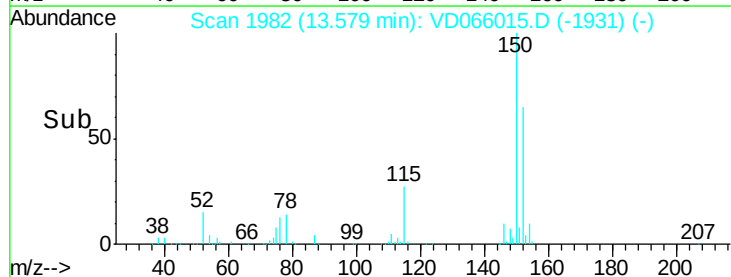
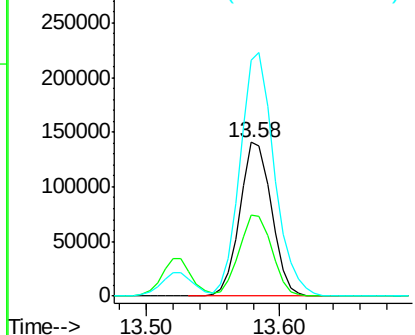
Lab File: VD066015.D

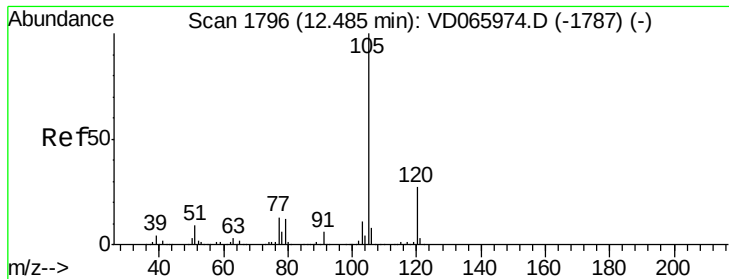
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.9	83.7
150	169.8	0.0	348.2



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: 54.465 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 763753

Ion Ratio Lower Upper

105 100

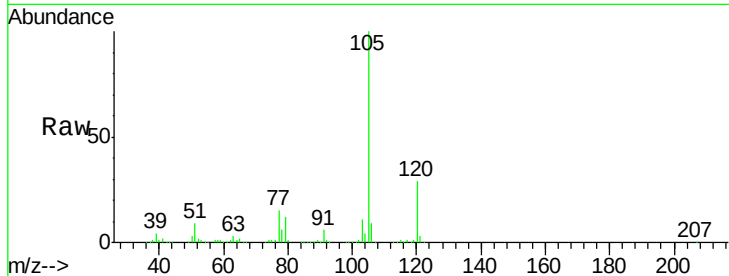
120 27.9 13.6 40.8

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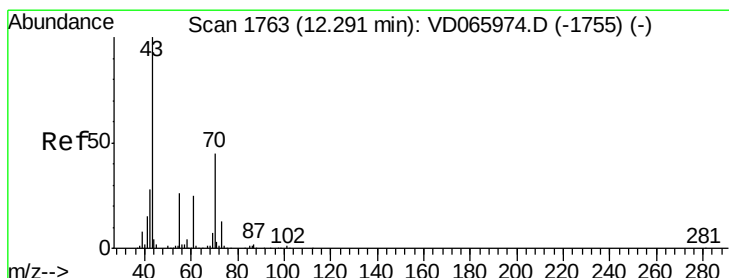
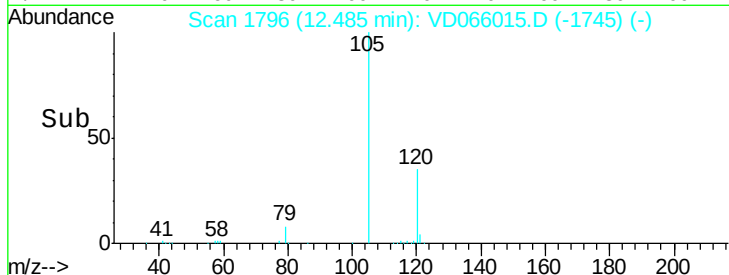
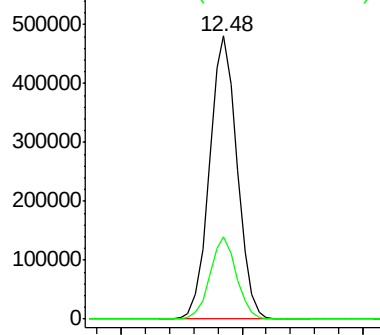
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.267 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Tgt Ion: 43 Resp: 154875

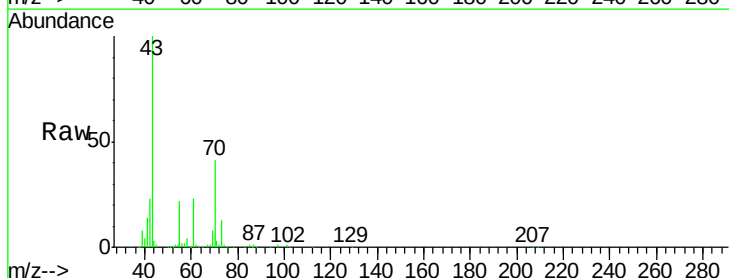
Ion Ratio Lower Upper

43 100

70 44.0 34.6 51.8

55 24.1 20.3 30.5

61 23.9 19.5 29.3

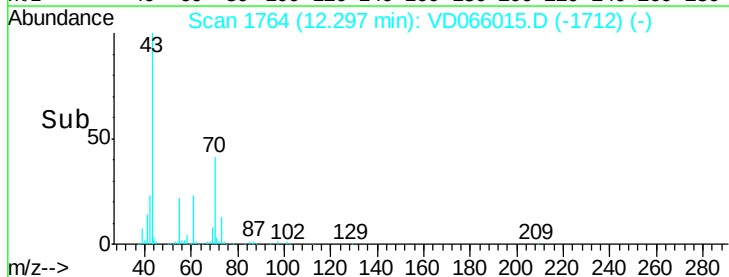
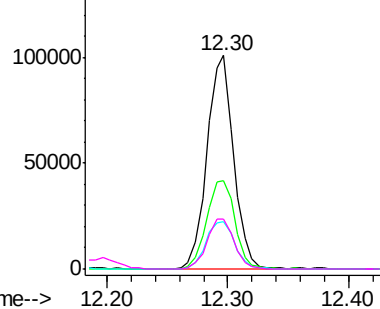


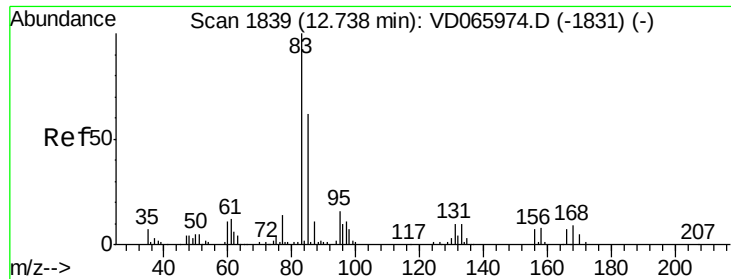
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.329 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

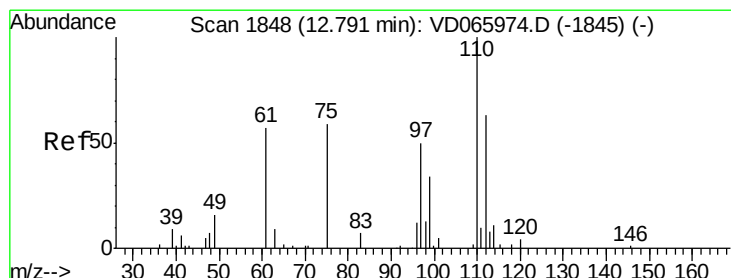
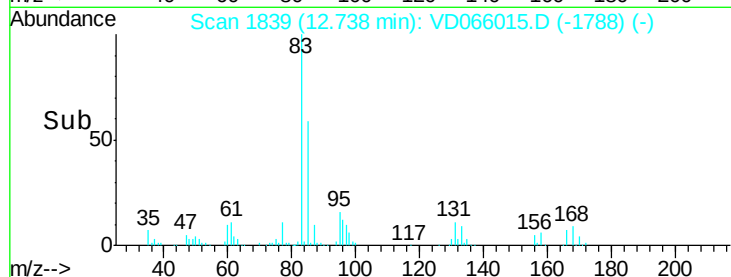
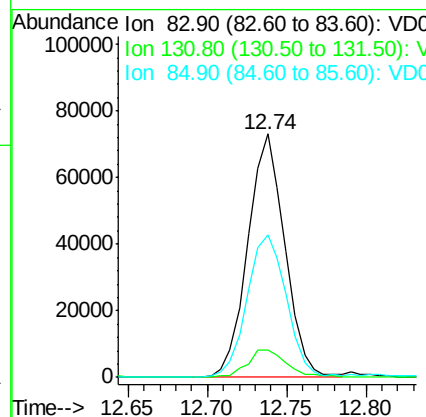
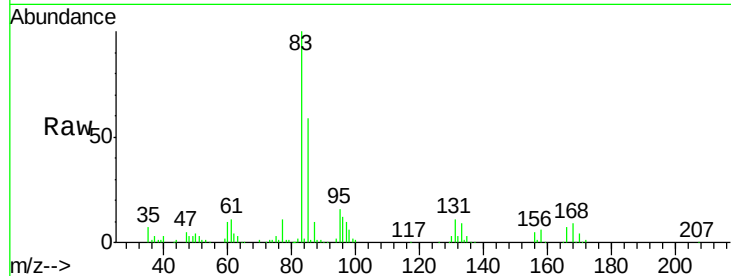
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	118953
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.7	17.1
85	61.9	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 42.440 ug/l m

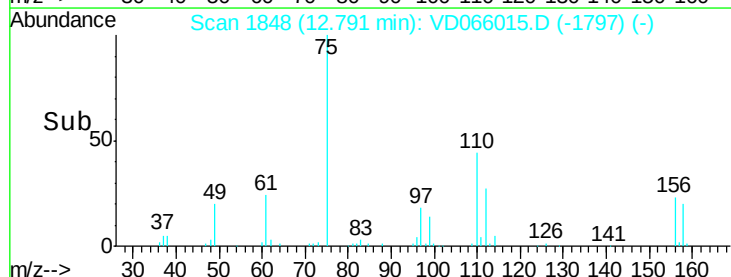
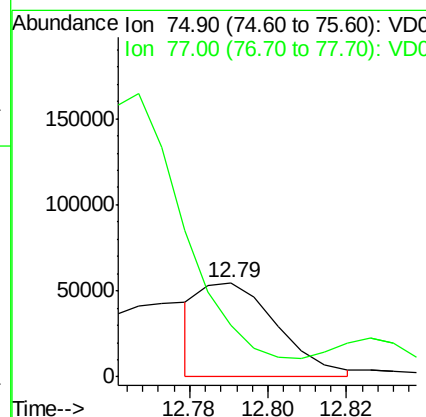
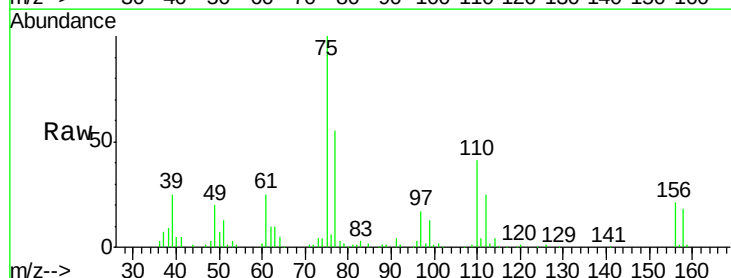
RT: 12.79 min Scan# 1848

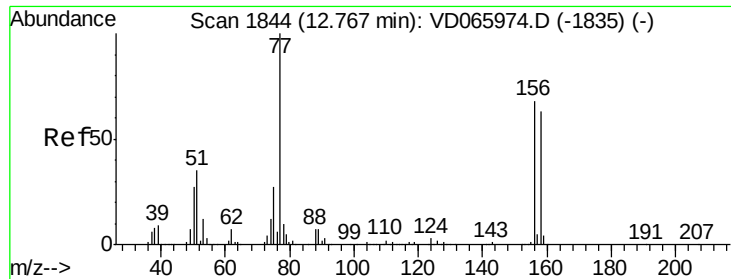
Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Tgt Ion:	75	Resp:	74054
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.346 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

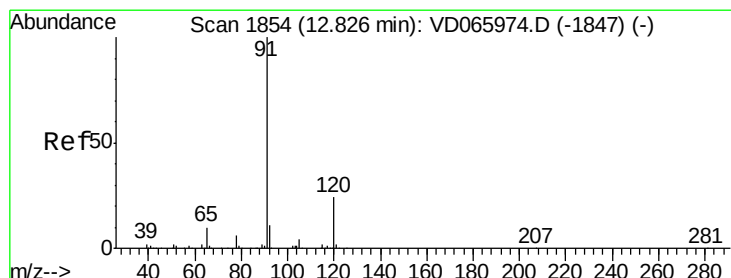
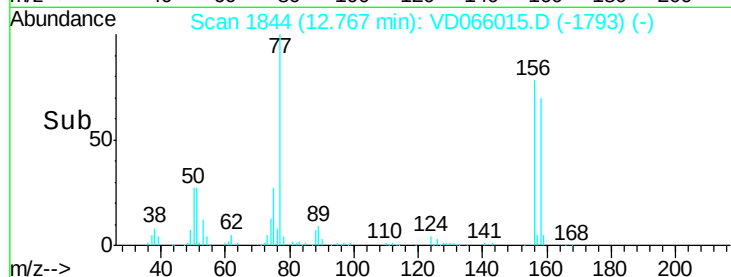
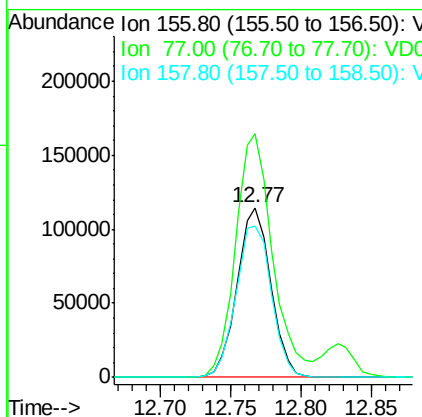
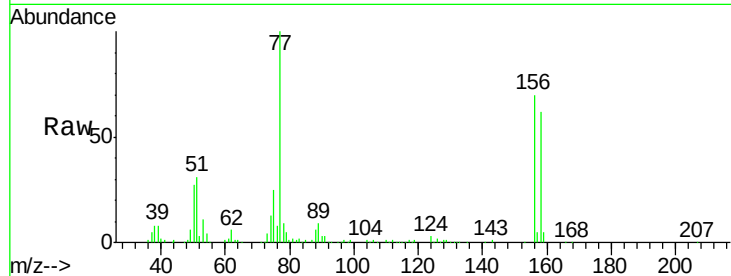
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		191180		
77	158.5	83.0	249.0		
158	94.1	48.2	144.6		

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#78

n-propylbenzene

Concen: 54.795 ug/l

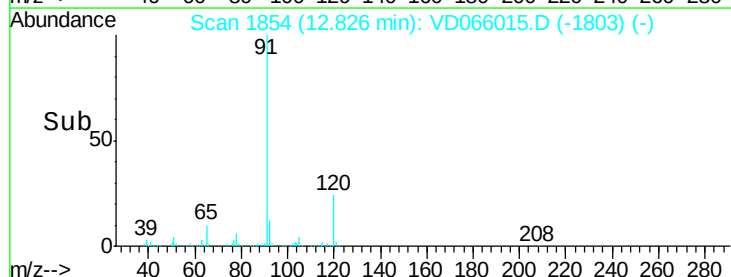
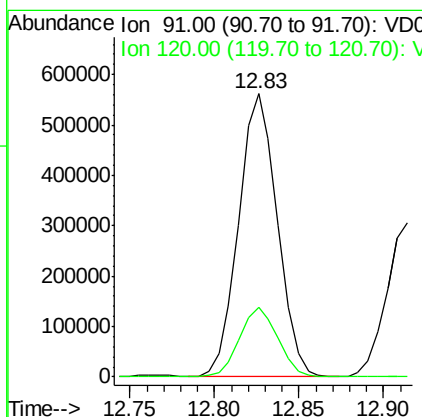
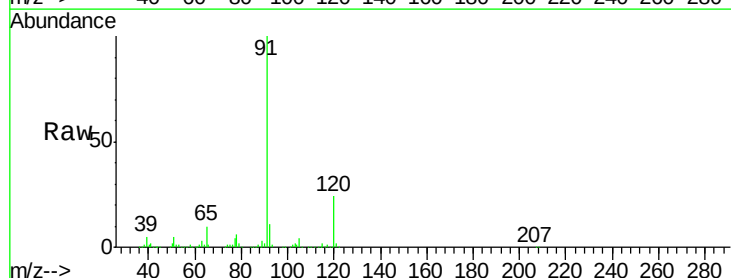
RT: 12.83 min Scan# 1854

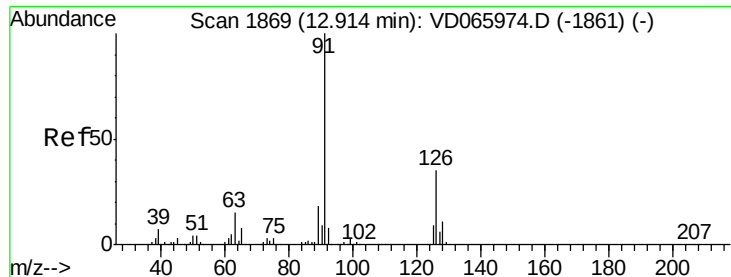
Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		891639		
120	24.3	12.0	36.0		





#79

2-Chlorotoluene

Concen: 53.705 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD066015.D

Acq: 23 Jul 2020 10:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 499260

Ion Ratio Lower Upper

91 100

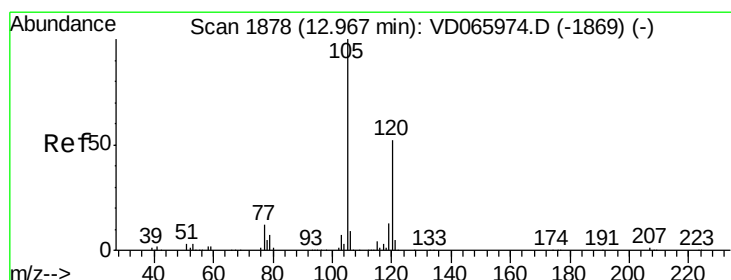
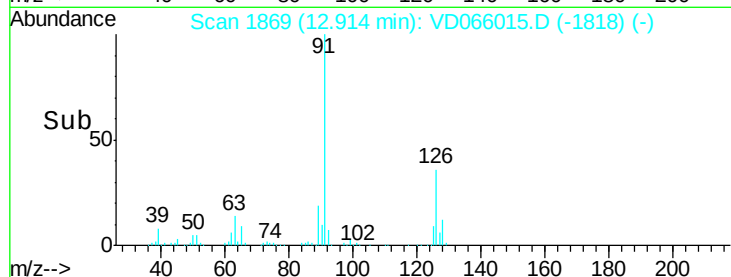
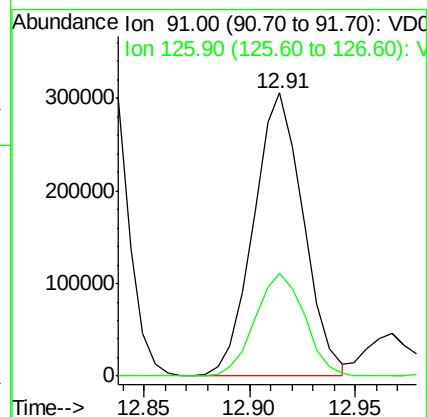
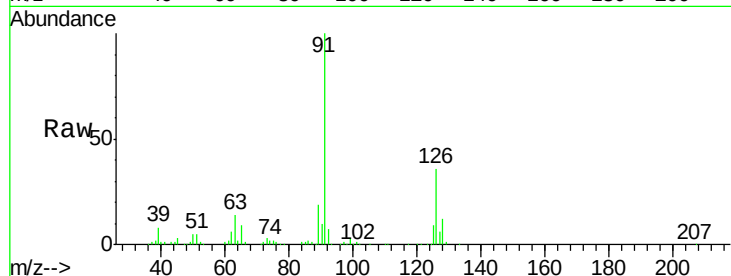
126 36.3 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 55.148 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD066015.D

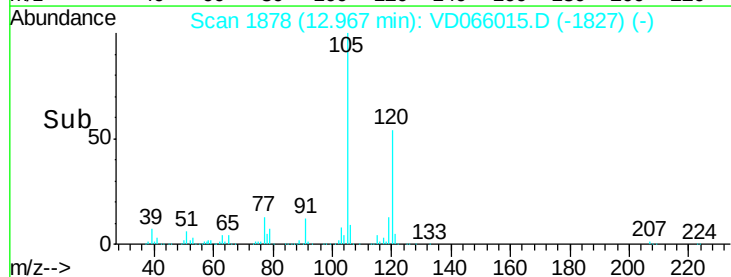
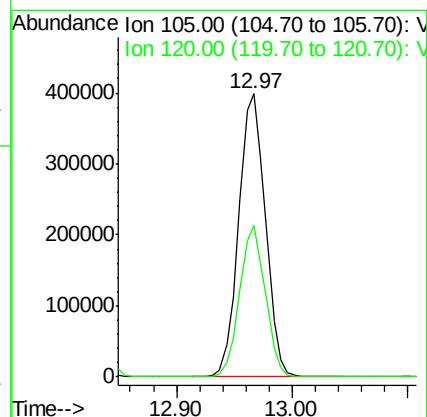
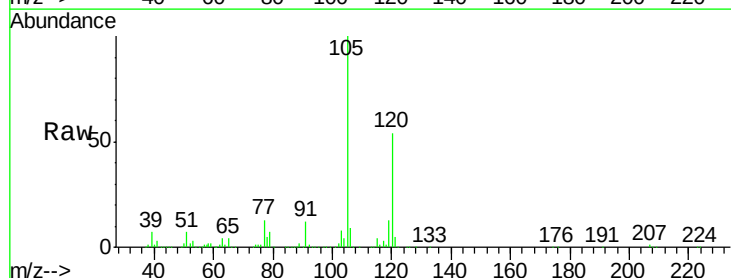
Acq: 23 Jul 2020 10:44

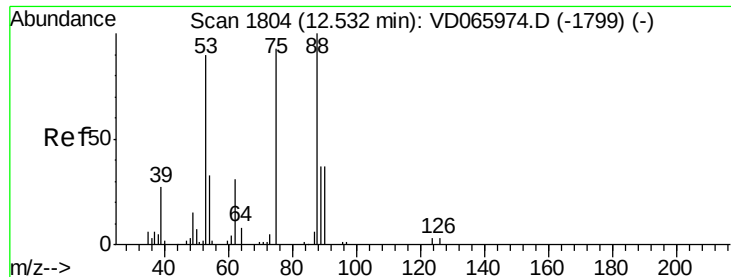
Tgt Ion: 105 Resp: 635357

Ion Ratio Lower Upper

105 100

120 51.5 25.6 76.6





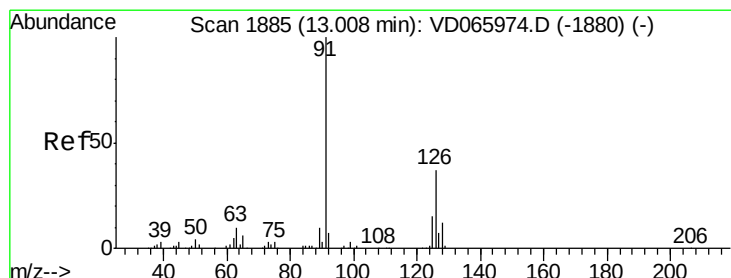
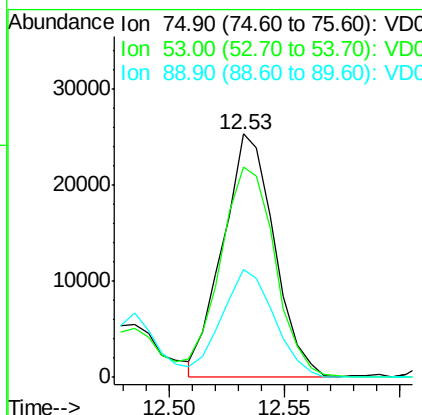
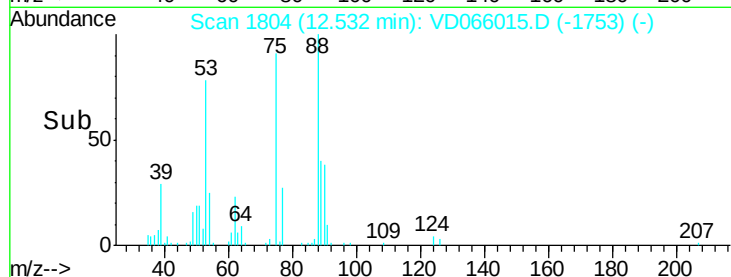
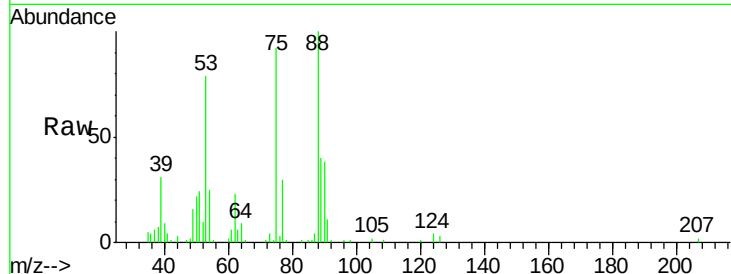
#81
trans-1,4-Dichloro-2-butene
Concen: 51.718 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.6	76.8	115.2
89	45.1	37.0	55.4

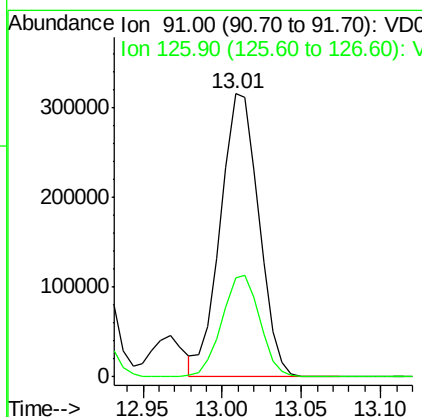
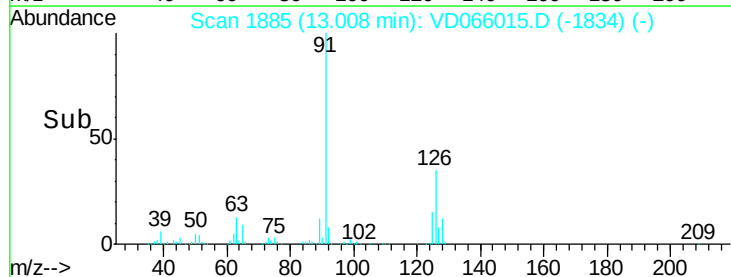
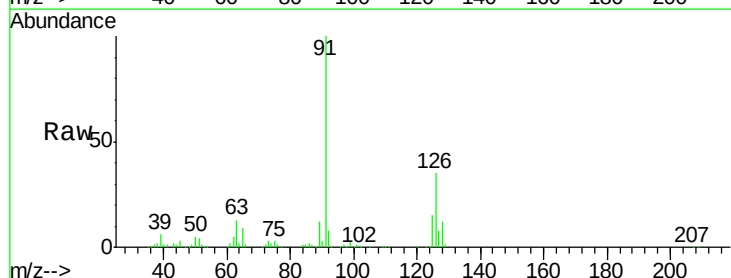
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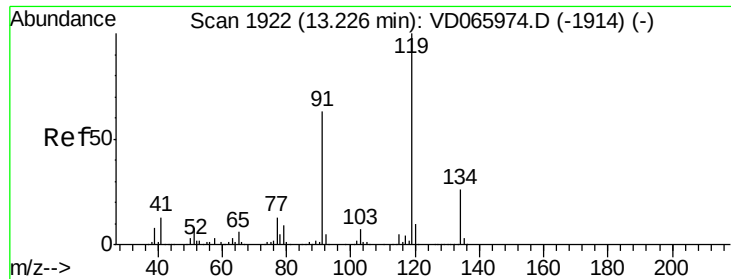
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#82
4-Chlorotoluene
Concen: 54.036 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.8	53.5





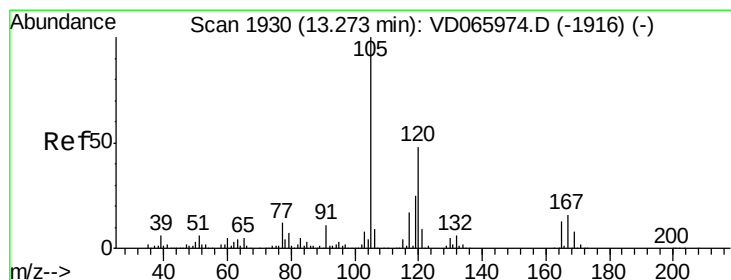
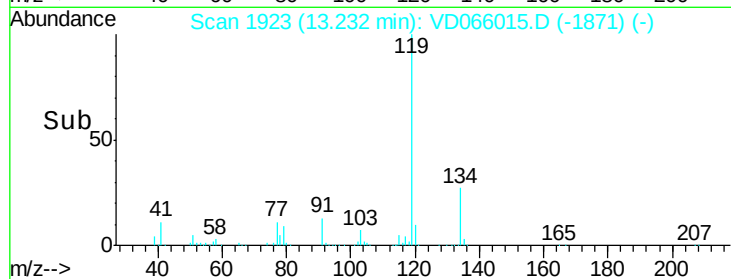
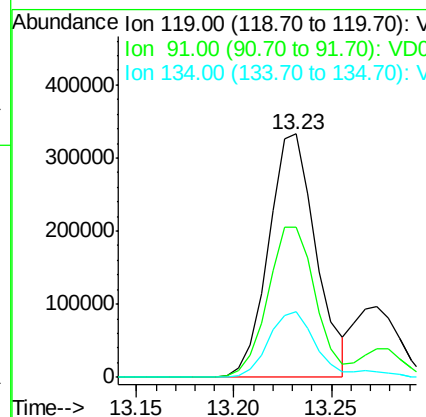
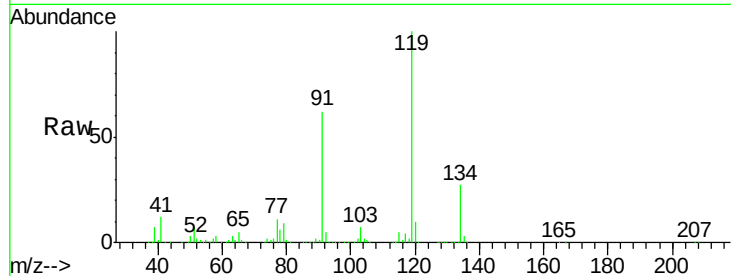
#83
 tert-Butylbenzene
 Concen: 55.669 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	561223		
91	61.5		30.6	91.6
134	28.2		13.9	41.7

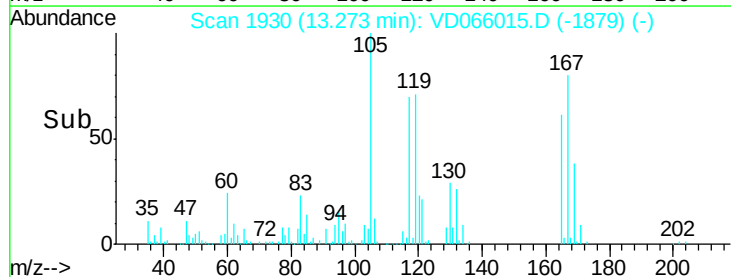
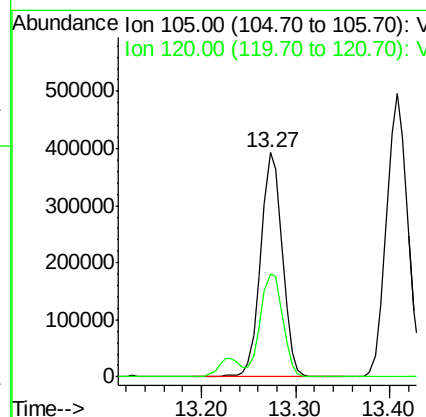
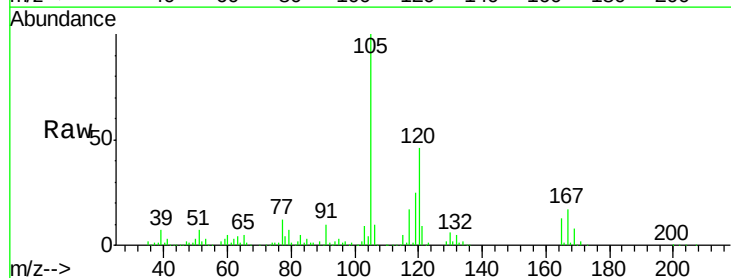
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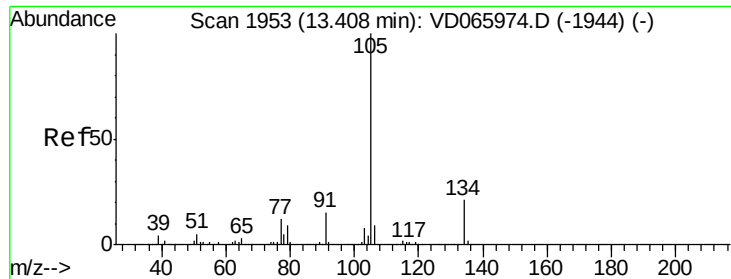
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.312 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	628687		
120	47.9		23.9	71.8





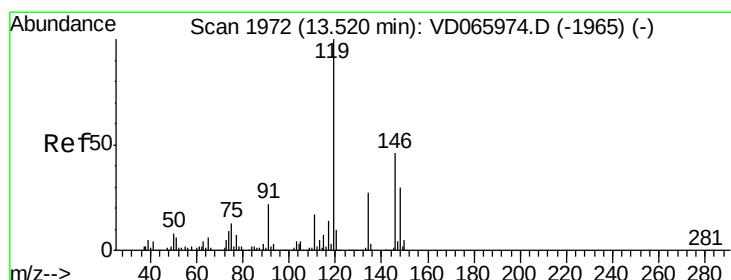
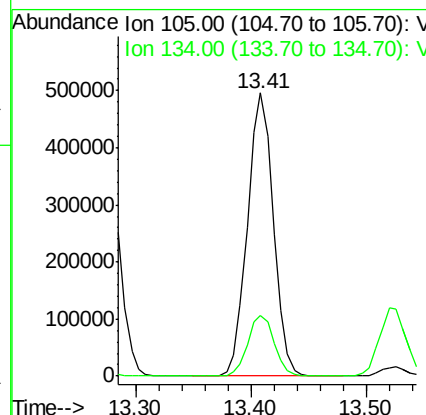
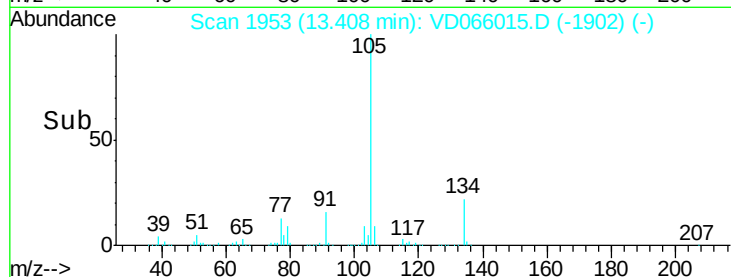
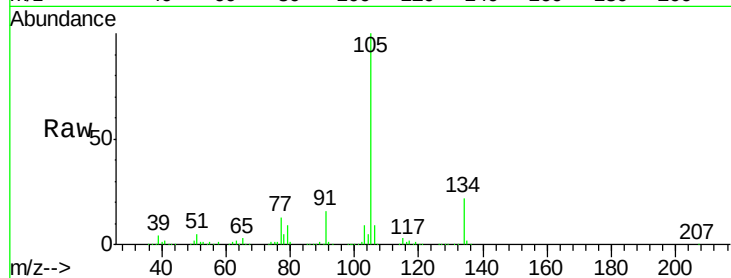
#85
 sec-Butylbenzene
 Concen: 55.622 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.8	10.4	31.4

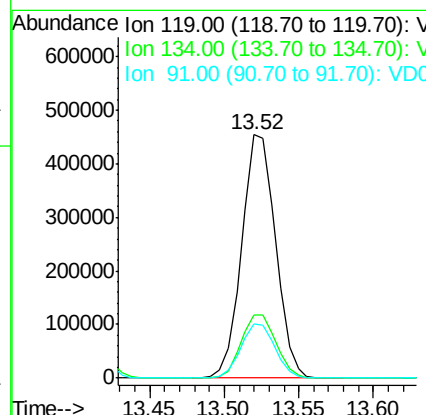
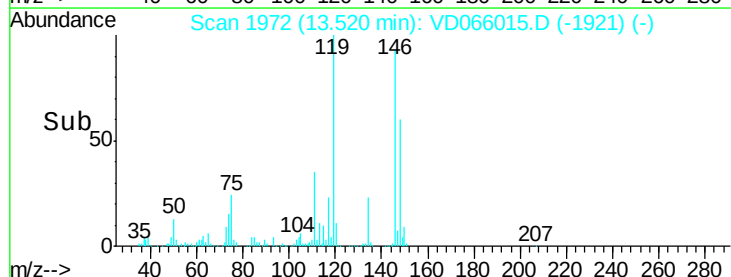
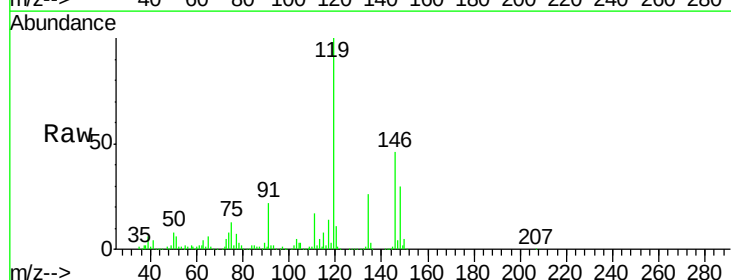
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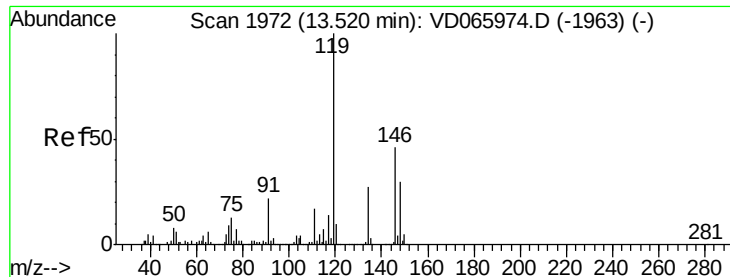
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#86
 p-Isopropyltoluene
 Concen: 56.520 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	22.7	11.1	33.3





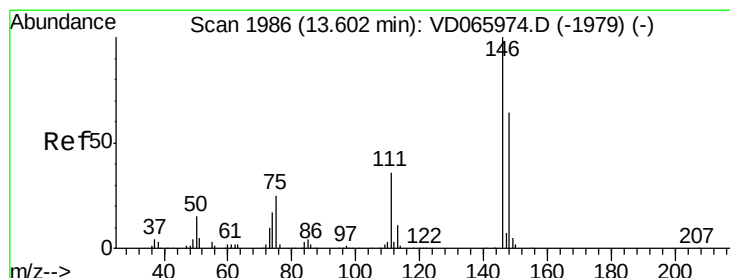
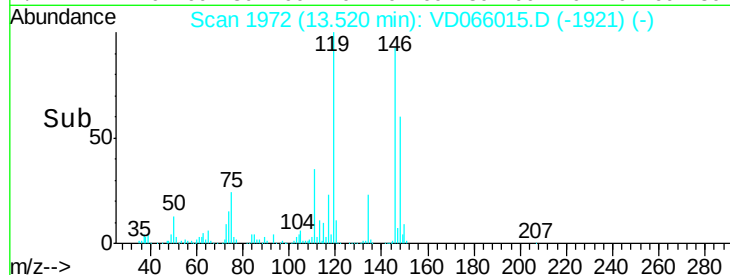
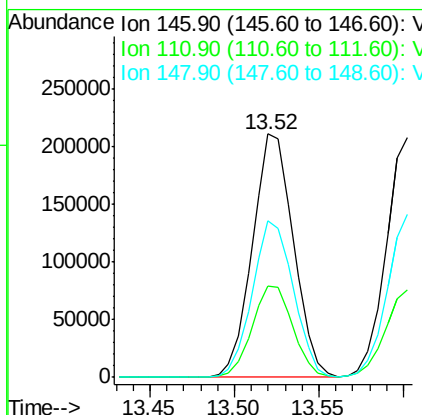
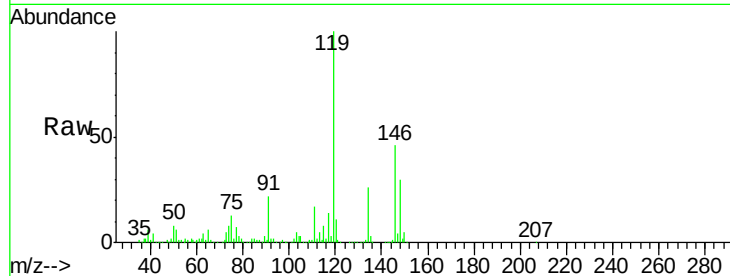
#87
1,3-Dichlorobenzene
Concen: 53.335 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.6
148	64.3	32.4	97.0

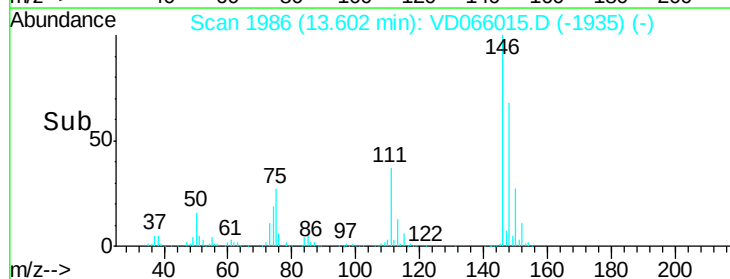
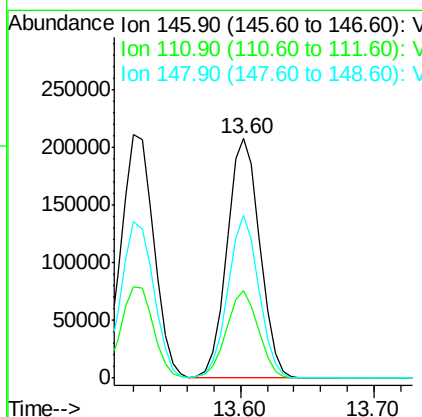
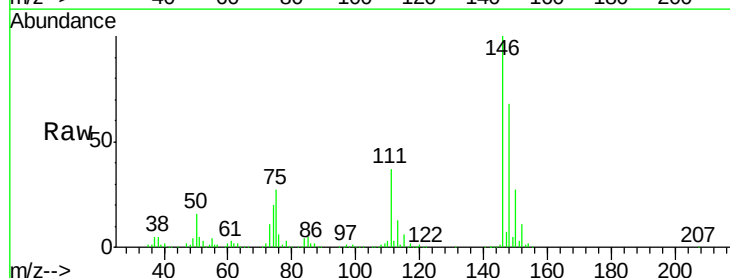
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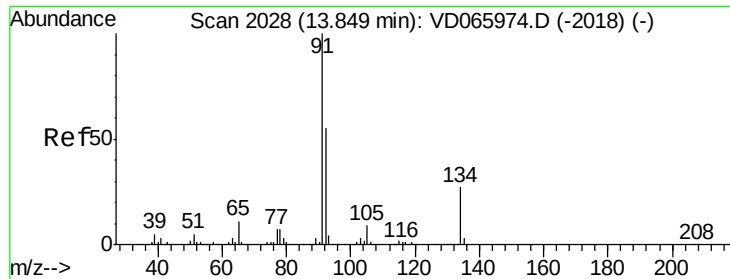
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#88
1,4-Dichlorobenzene
Concen: 52.755 ug/l
RT: 13.60 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.8	56.4
148	64.1	32.2	96.6





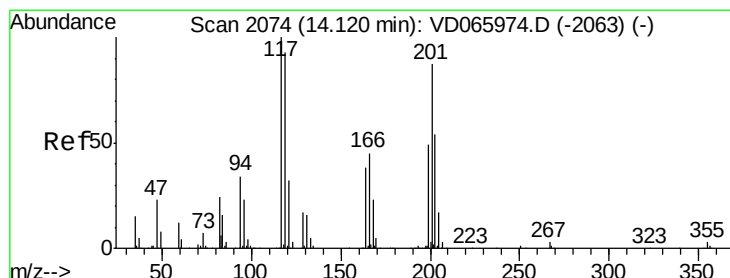
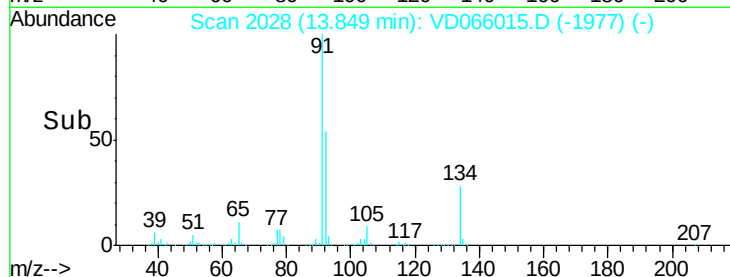
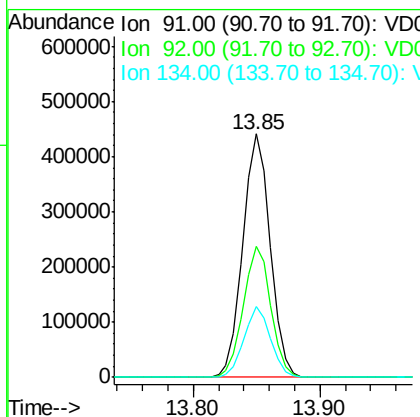
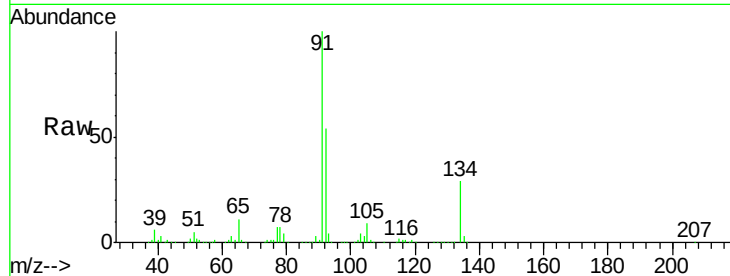
#89
n-Butylbenzene
Concen: 56.319 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.2	81.6
134	28.3	13.8	41.4

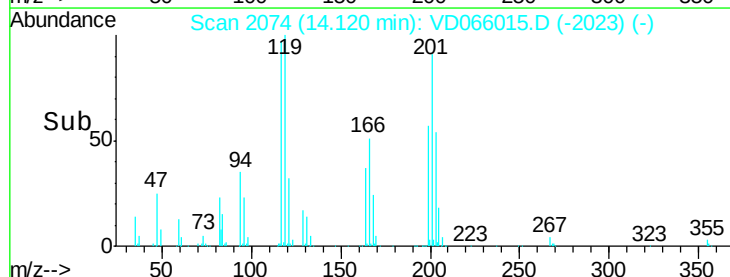
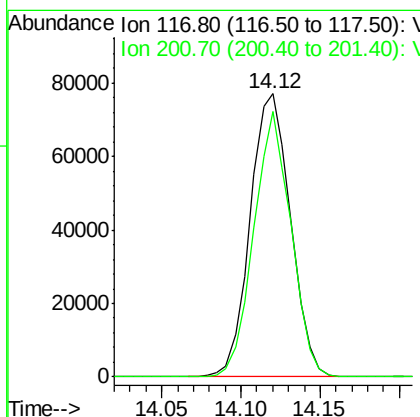
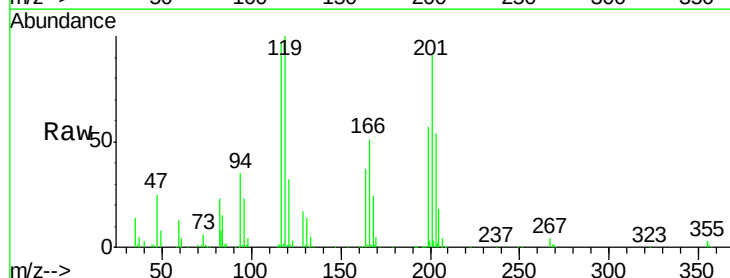
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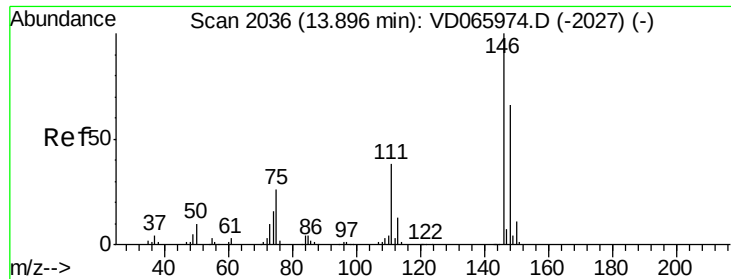
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#90
Hexachloroethane
Concen: 52.226 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	42.0	126.1





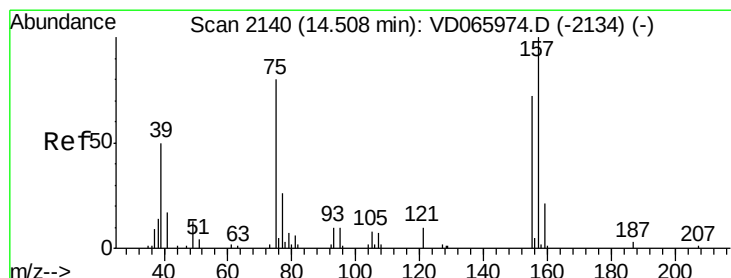
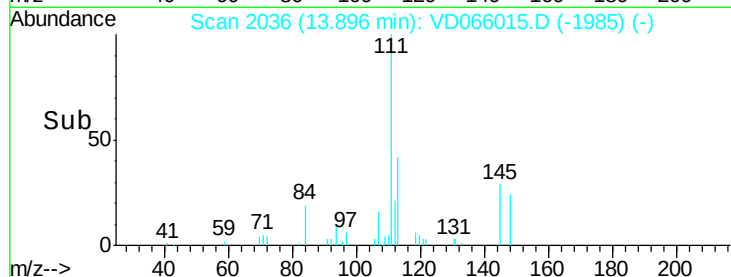
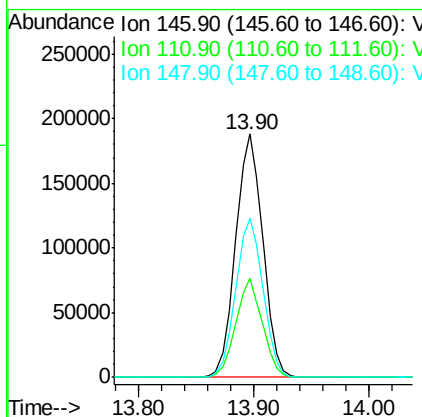
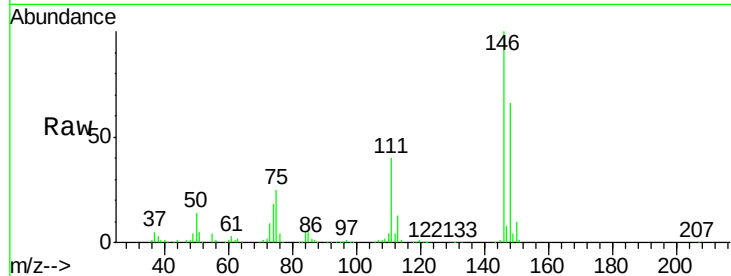
#91
 1,2-Dichlorobenzene
 Concen: 53.021 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.3	57.9
148	65.8	32.7	98.1

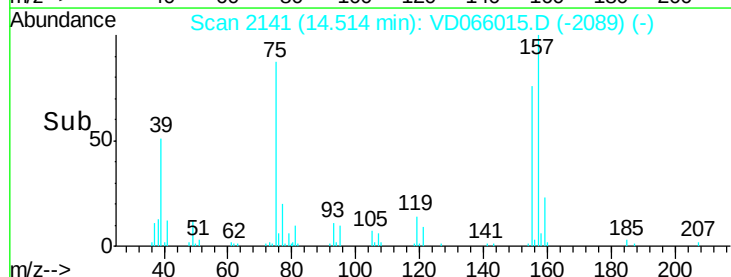
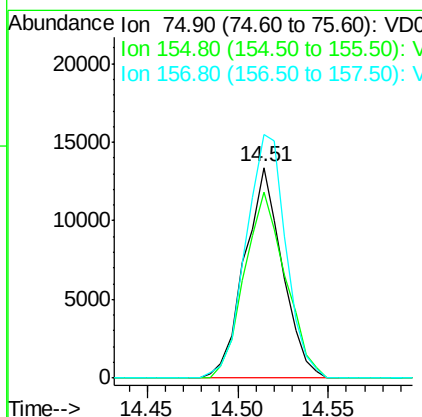
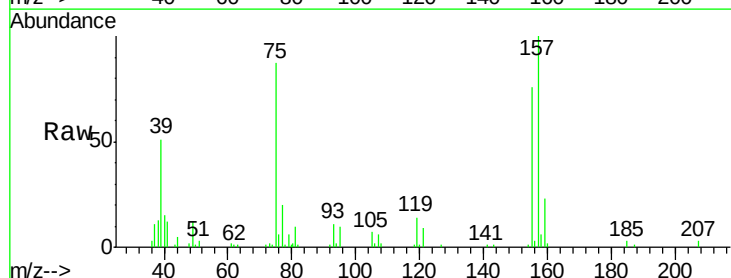
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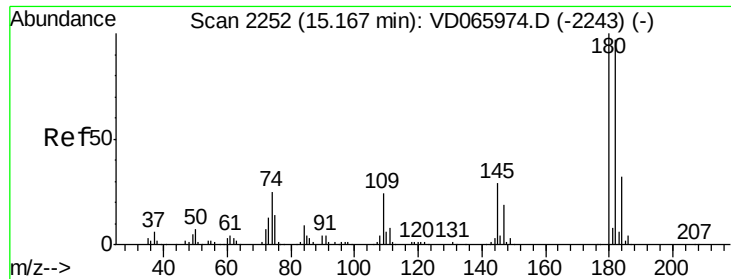
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.094 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	48.5	145.5
157	122.9	64.7	194.1





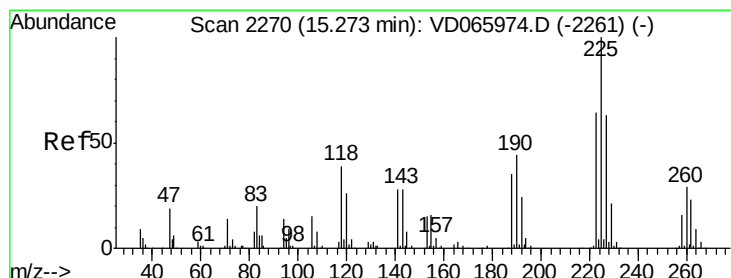
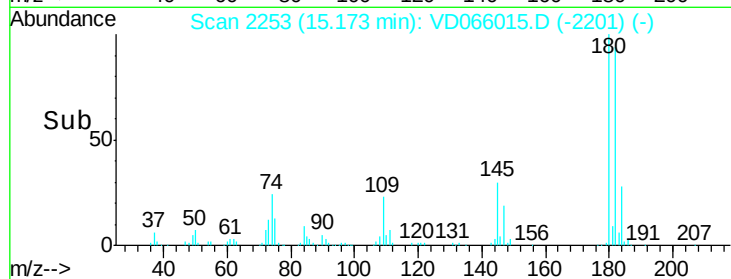
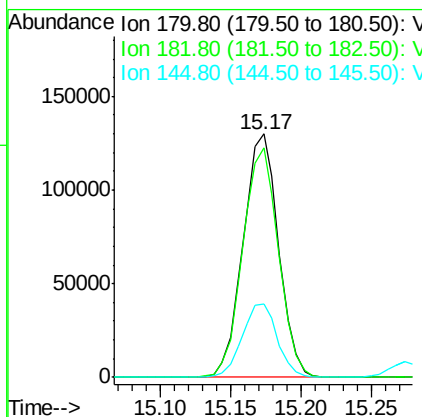
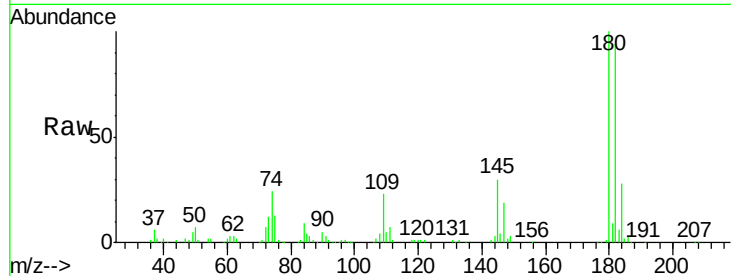
#93
 1,2,4-Trichlorobenzene
 Concen: 55.228 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	228561		
182	95.1	48.1	144.3	
145	30.1	14.7	44.1	

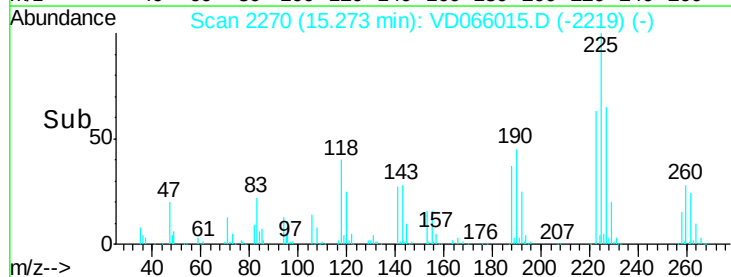
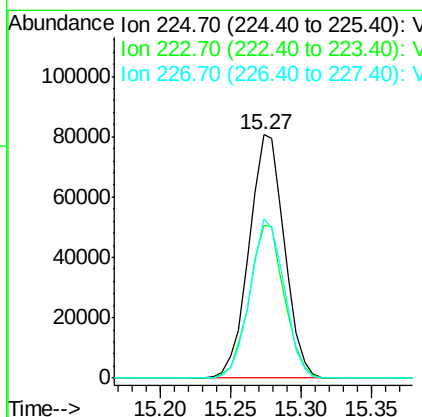
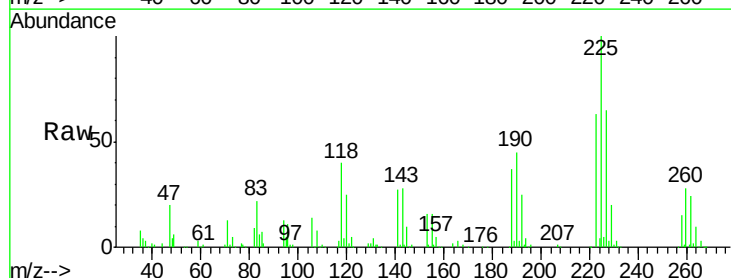
Manual Integrations
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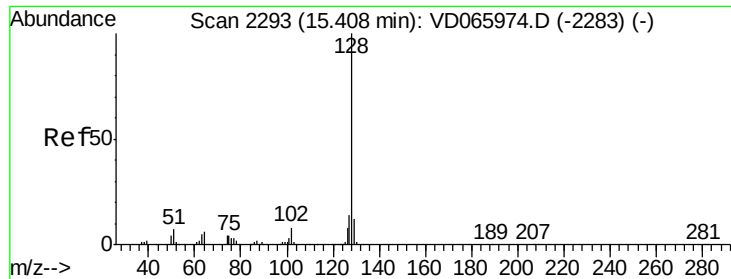
MMDadoda
 7/24/2020 12:59:47 PM



#94
 Hexachlorobutadiene
 Concen: 55.371 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066015.D
 Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141671		
223	62.5	31.2	93.6	
227	63.5	31.6	94.8	





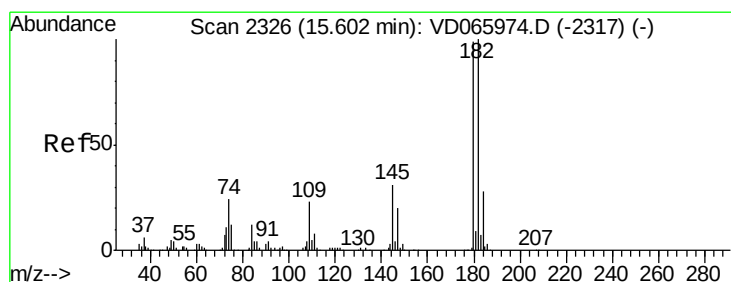
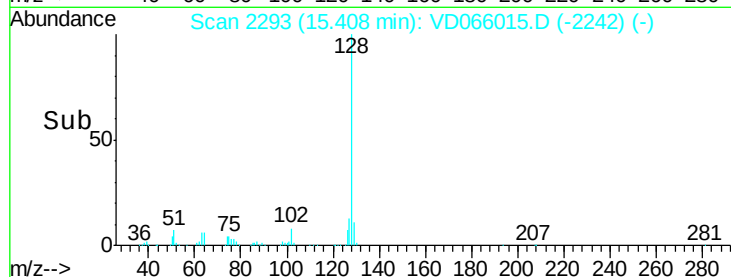
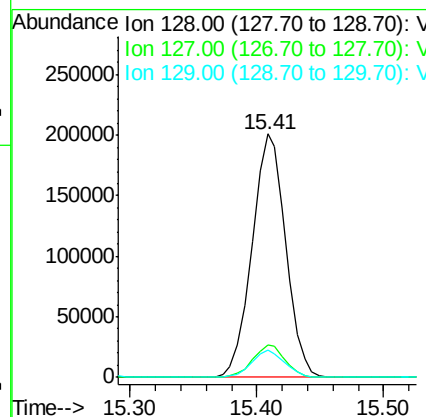
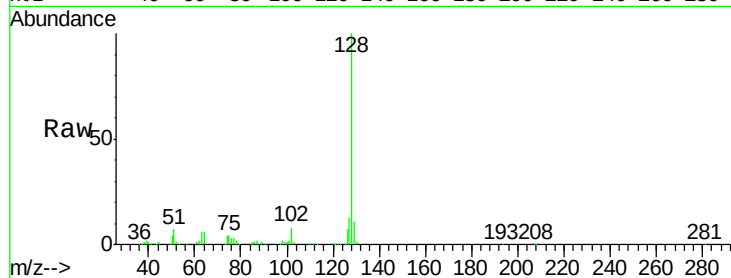
#95
Naphthalene
Concen: 50.181 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	10.8	8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 54.843 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066015.D
Acq: 23 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.6
145	31.0	15.4	46.2

