

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065855.D
 Acq On : 23 Jun 2020 12:58
 Operator : VA/SY
 Sample : VD0623SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:52:37 AM

Quant Time: Jun 24 05:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	197428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	313651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	288777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	146945	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	100232	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
35) Dibromofluoromethane	7.92	113	99063	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
50) Toluene-d8	10.34	98	381078	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.64	95	128582	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	34040	23.548	ug/l	99
3) Chloromethane	2.21	50	56580	22.419	ug/l	98
4) Vinyl Chloride	2.35	62	69998	24.031	ug/l	98
5) Bromomethane	2.76	94	47609	23.372	ug/l	98
6) Chloroethane	2.92	64	45176	22.938	ug/l	99
7) Trichlorofluoromethane	3.27	101	75802	22.969	ug/l	95
8) Diethyl Ether	3.71	74	19375	22.331	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	44862	22.798	ug/l	99
10) Methyl Iodide	4.30	142	39463	20.594	ug/l	99
11) Tert butyl alcohol	5.21	59	15114	119.668	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	40546	22.607	ug/l	97
13) Acrolein	3.93	56	7904	72.133	ug/l	92
14) Allyl chloride	4.71	41	64764	21.848	ug/l	99
15) Acrylonitrile	5.43	53	41743	105.927	ug/l	99
16) Acetone	4.16	43	42924	116.643	ug/l	96
17) Carbon Disulfide	4.40	76	127864	21.241	ug/l	97
18) Methyl Acetate	4.71	43	20246	22.386	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	86201	21.219	ug/l #	90
20) Methylene Chloride	4.97	84	47651	21.880	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	45717	21.765	ug/l	99
22) Diisopropyl ether	6.37	45	131727	21.993	ug/l	98
23) Vinyl Acetate	6.30	43	365585	108.090	ug/l	97
24) 1,1-Dichloroethane	6.26	63	81053	22.210	ug/l	98
25) 2-Butanone	7.21	43	56103	110.391	ug/l	98
26) 2,2-Dichloropropane	7.21	77	70555	21.804	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	48895	21.640	ug/l	97
28) Bromochloromethane	7.54	49	30098	21.354	ug/l	99
29) Tetrahydrofuran	7.57	42	34486	107.364	ug/l	98
30) Chloroform	7.71	83	80802	21.361	ug/l	98
31) Cyclohexane	7.98	56	75871	21.686	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	74444	21.403	ug/l	95
36) 1,1-Dichloropropene	8.11	75	64398	21.433	ug/l	99
37) Ethyl Acetate	7.30	43	24933	21.068	ug/l	99
38) Carbon Tetrachloride	8.10	117	68249	21.584	ug/l #	95

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Quant Time: Jun 24 05:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	77360	21.747	ug/l	95
40) Benzene	8.35	78	174739	21.274	ug/l	97
41) Methacrylonitrile	7.53	41	14901	21.146	ug/l #	71
42) 1,2-Dichloroethane	8.43	62	52886	21.339	ug/l	99
43) Isopropyl Acetate	8.46	43	50643	21.520	ug/l	98
44) Trichloroethene	9.11	130	49005	21.439	ug/l	97
45) 1,2-Dichloropropane	9.39	63	43521	21.087	ug/l	94
46) Dibromomethane	9.48	93	23232	20.755	ug/l	95
47) Bromodichloromethane	9.67	83	65315	21.775	ug/l	100
48) Methyl methacrylate	9.46	41	22288	19.566	ug/l	93
49) 1,4-Dioxane	9.46	88	4946	415.141	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	123789	107.348	ug/l	95
52) Toluene	10.41	92	116264	21.784	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	58258	21.449	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	69183	21.567	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	31249	20.894	ug/l	95
56) Ethyl methacrylate	10.66	69	36356	20.667	ug/l	97
57) 1,3-Dichloropropane	10.95	76	54960	21.211	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	81901	100.141	ug/l	100
59) 2-Hexanone	10.99	43	84334	108.476	ug/l	100
60) Dibromochloromethane	11.14	129	42499	21.035	ug/l	99
61) 1,2-Dibromoethane	11.25	107	31209	21.233	ug/l	99
64) Tetrachloroethene	10.88	164	41381	21.191	ug/l	99
65) Chlorobenzene	11.67	112	120021	21.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	43557	20.727	ug/l	96
67) Ethyl Benzene	11.75	91	213786	21.228	ug/l	94
68) m/p-Xylenes	11.86	106	164701	42.457	ug/l	97
69) o-Xylene	12.18	106	75768	21.662	ug/l	98
70) Styrene	12.20	104	131384	21.699	ug/l	98
71) Bromoform	12.36	173	23324	20.155	ug/l #	97
73) Isopropylbenzene	12.48	105	208070	21.119	ug/l	99
74) N-amyl acetate	12.29	43	45500	20.758	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	34610	20.801	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	25655m	22.449	ug/l	
77) Bromobenzene	12.77	156	48722	20.902	ug/l	98
78) n-propylbenzene	12.83	91	253862	21.406	ug/l	98
79) 2-Chlorotoluene	12.91	91	139345	21.419	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	174470	21.280	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	10773	20.368	ug/l	98
82) 4-Chlorotoluene	13.01	91	149193	21.365	ug/l	99
83) tert-Butylbenzene	13.23	119	152317	21.411	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	173662	21.162	ug/l	100
85) sec-Butylbenzene	13.41	105	210444	21.257	ug/l	98
86) p-Isopropyltoluene	13.52	119	193659	21.342	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	94805	20.627	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	94136	20.590	ug/l	98
89) n-Butylbenzene	13.85	91	185469	21.431	ug/l	99
90) Hexachloroethane	14.11	117	38403	21.144	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	81218	20.533	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5923	21.390	ug/l	93

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ClientSampleId :
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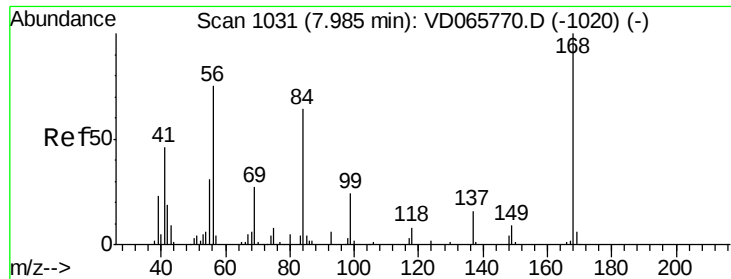
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	55222	20.533	ug/l	99
94) Hexachlorobutadiene	15.27	225	32003	19.684	ug/l	97
95) Naphthalene	15.41	128	87588	19.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	46487	20.069	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. -0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion:168 Resp: 197428

Ion Ratio Lower Upper

168 100

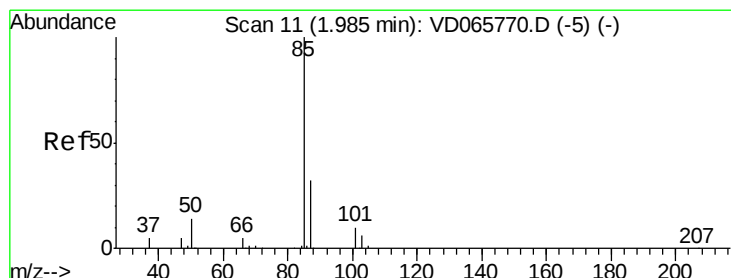
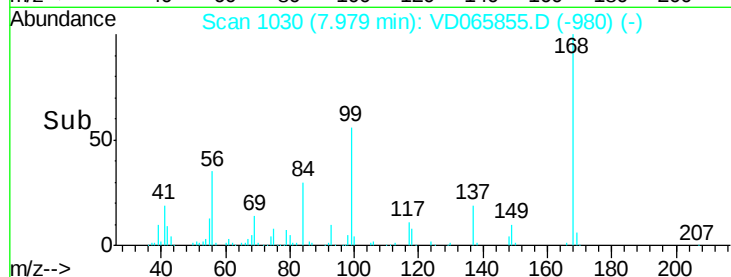
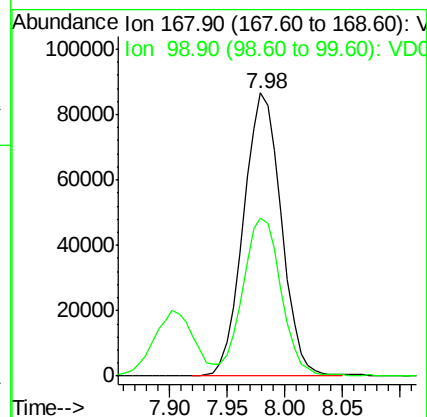
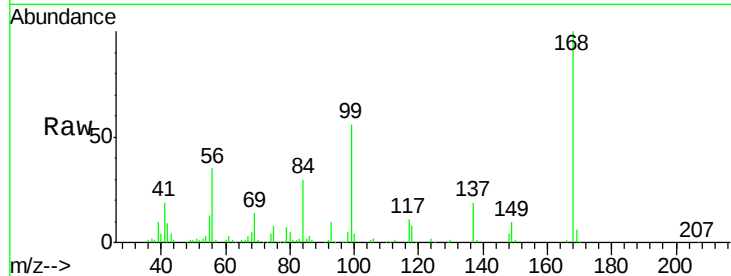
99 55.3 45.3 67.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 23.548 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065855.D

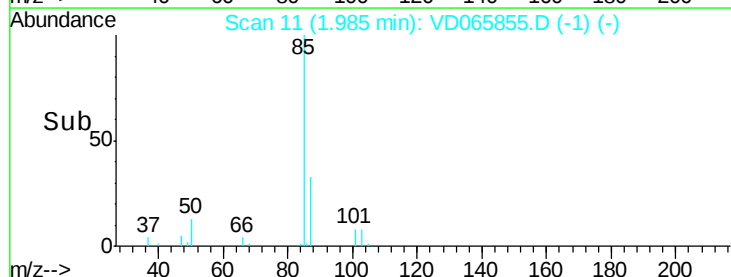
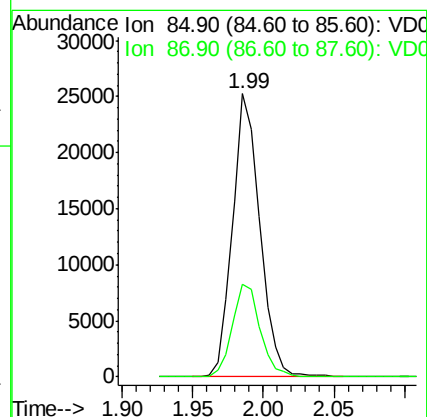
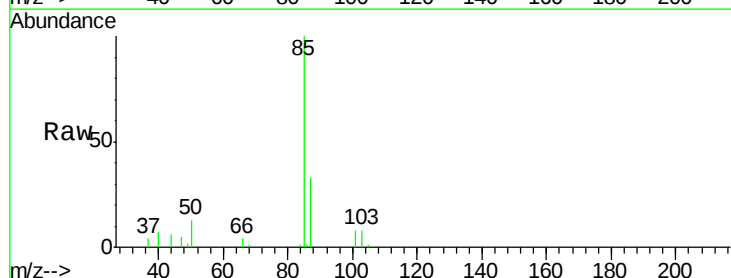
Acq: 23 Jun 2020 12:58

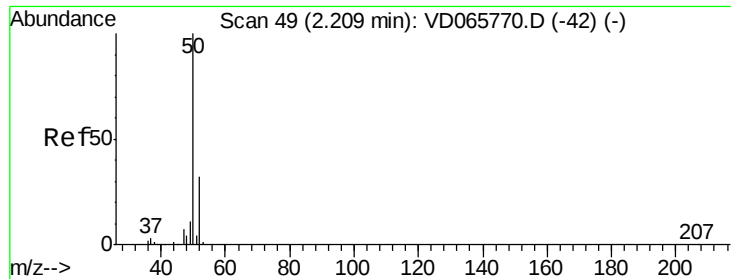
Tgt Ion: 85 Resp: 34040

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.5





#3

Chloromethane

Concen: 22.419 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 50 Resp: 56580

Ion Ratio Lower Upper

50 100

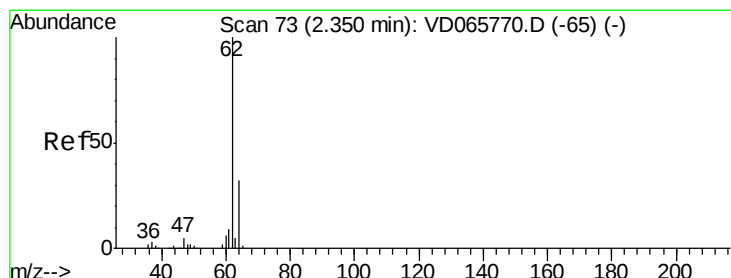
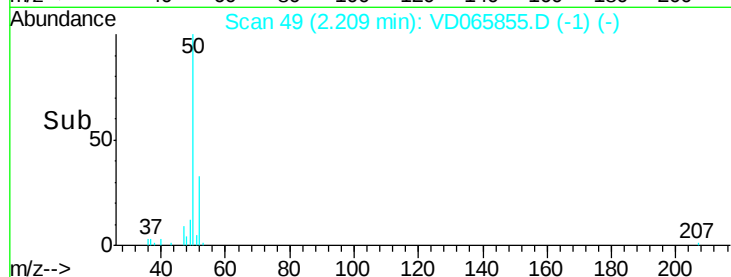
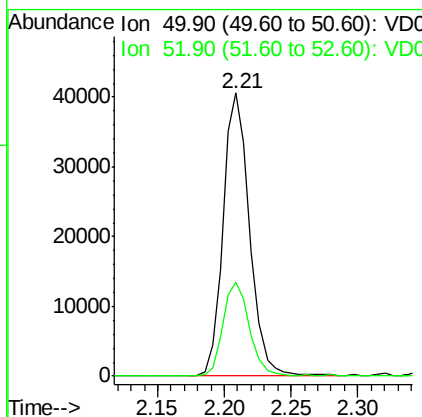
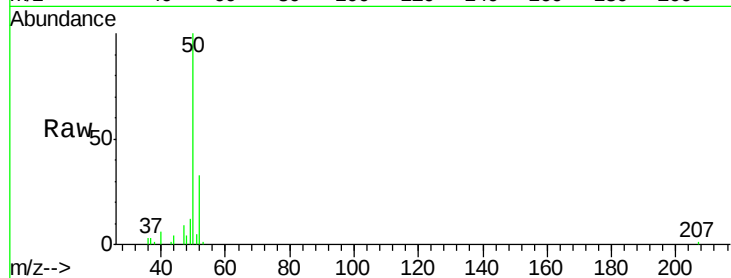
52 33.2 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 24.031 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065855.D

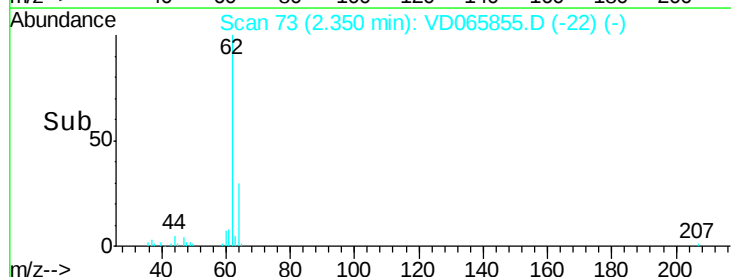
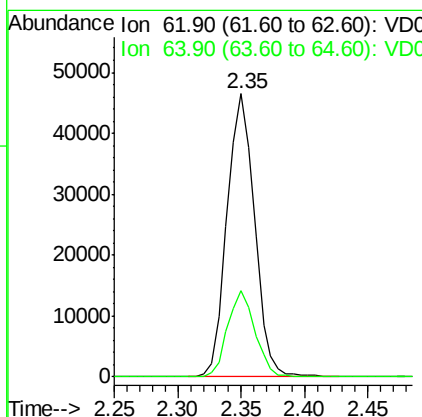
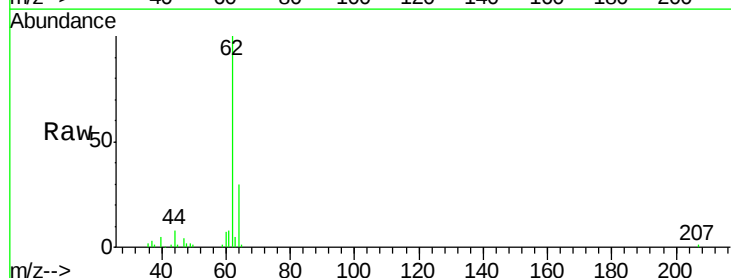
Acq: 23 Jun 2020 12:58

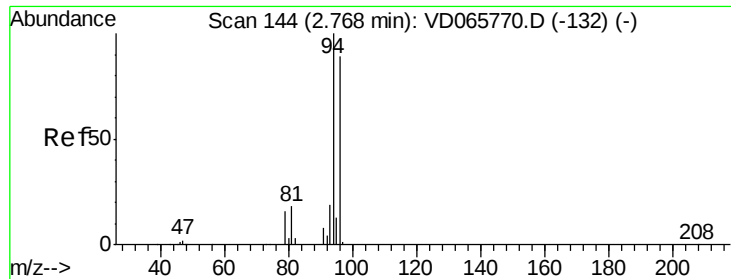
Tgt Ion: 62 Resp: 69998

Ion Ratio Lower Upper

62 100

64 30.3 25.3 37.9





#5

Bromomethane

Concen: 23.372 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 94 Resp: 47609

Ion Ratio Lower Upper

94 100

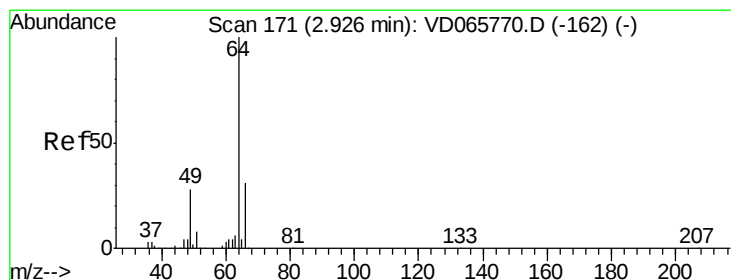
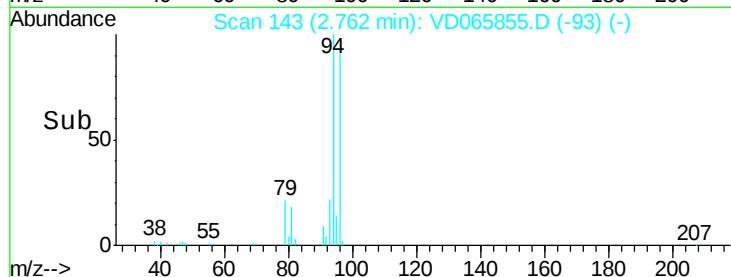
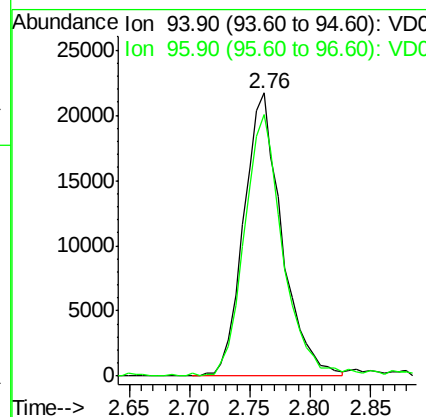
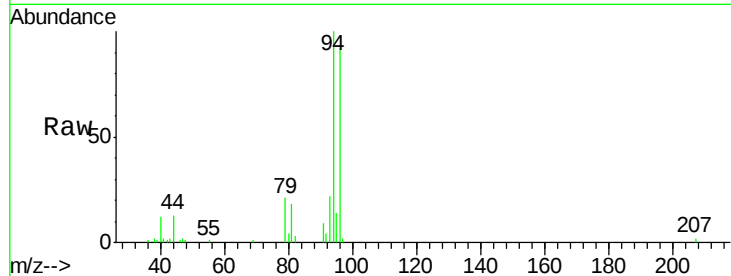
96 91.4 71.4 107.0

Manual Integrations

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#6

Chloroethane

Concen: 22.938 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065855.D

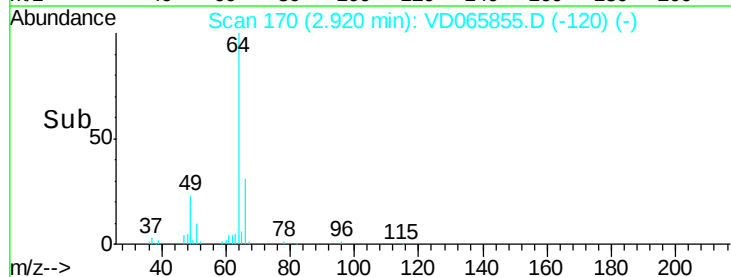
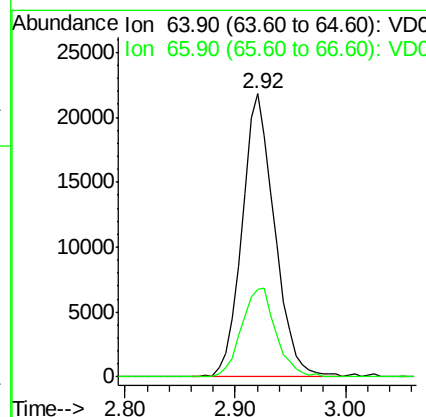
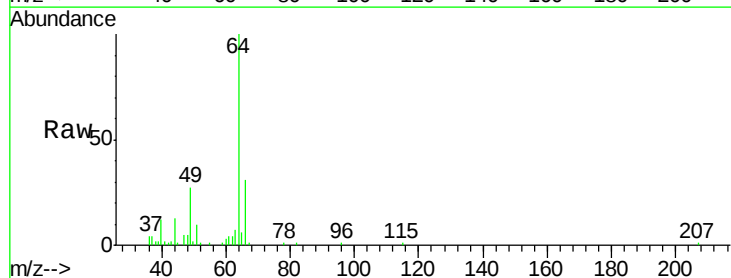
Acq: 23 Jun 2020 12:58

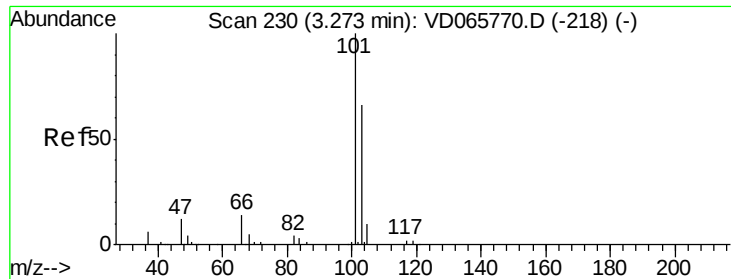
Tgt Ion: 64 Resp: 45176

Ion Ratio Lower Upper

64 100

66 31.0 24.5 36.7





#7

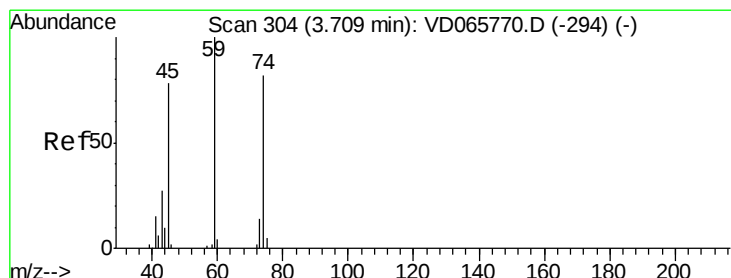
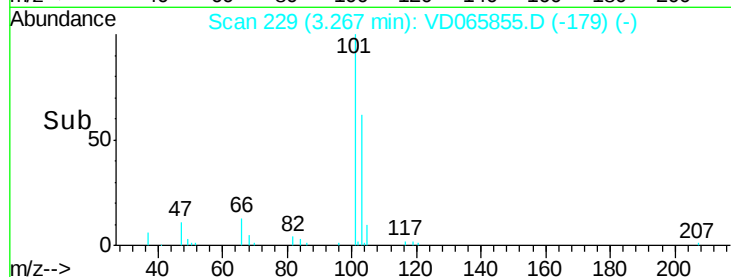
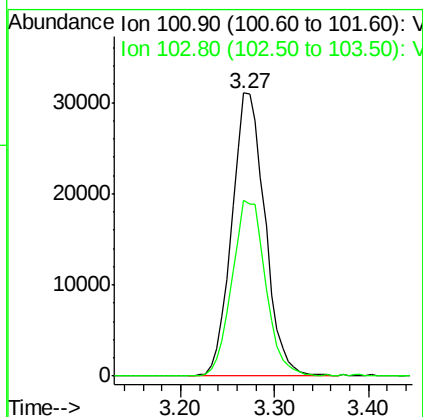
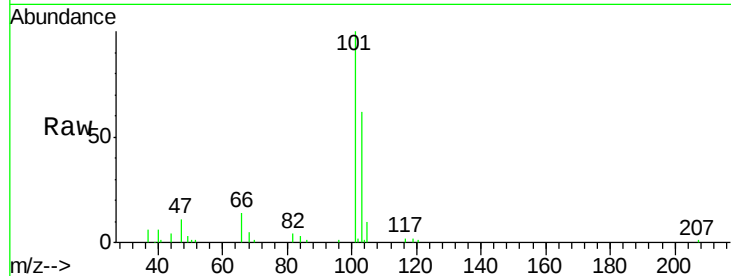
Trichlorofluoromethane
Concen: 22.969 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

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ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	53.1	79.7

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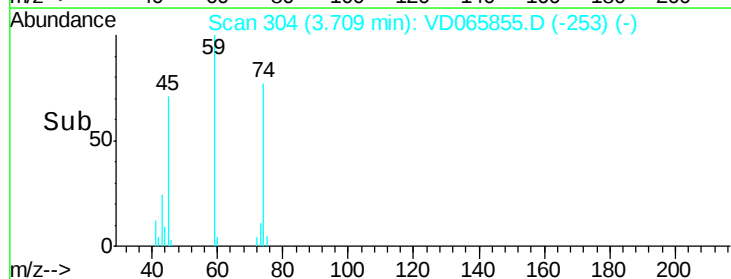
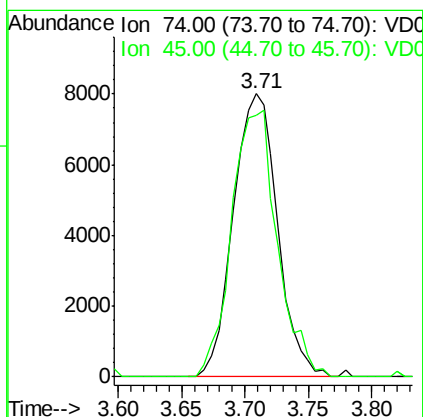
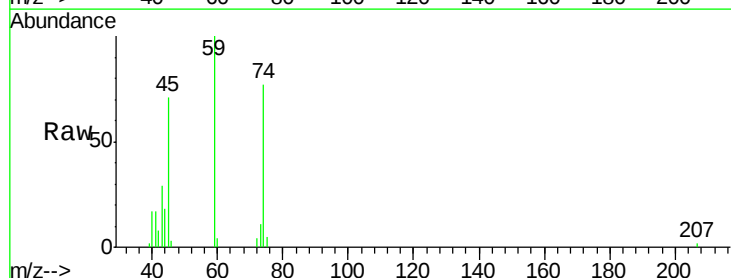
MMDadoda
6/24/2020 10:52:37 AM

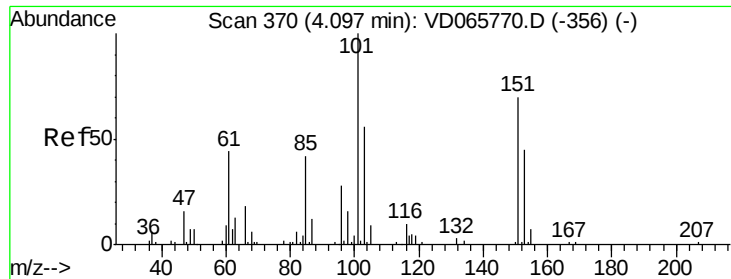


#8

Diethyl Ether
Concen: 22.331 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	47.9	143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.798 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

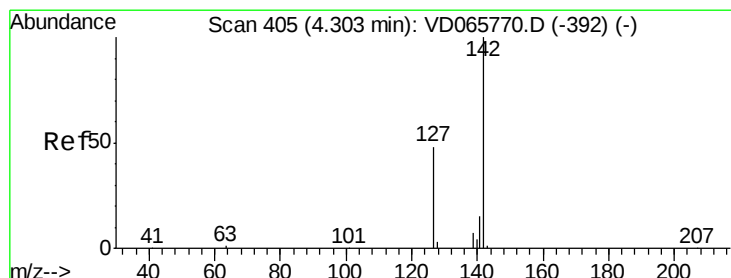
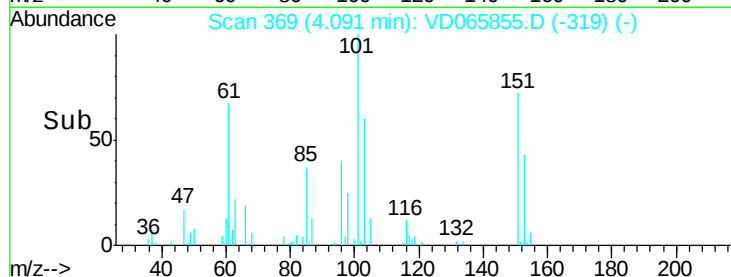
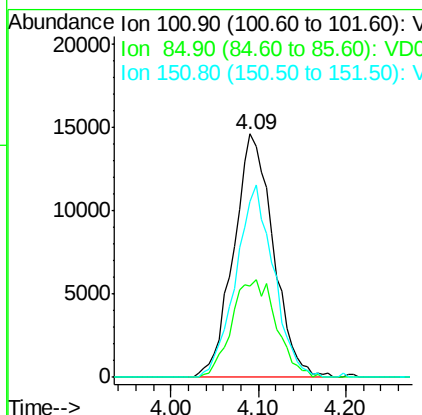
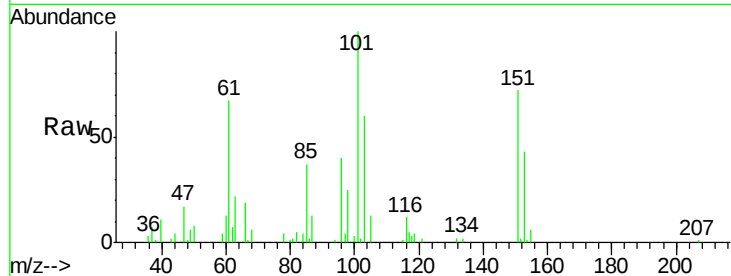
ClientSampleId :

VD0623SBS01

Tot Ion:	101	Resp:	44862
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.5	54.7
151	75.8	61.8	92.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.594 ug/l

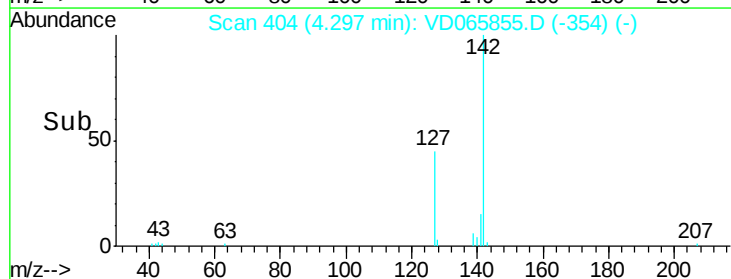
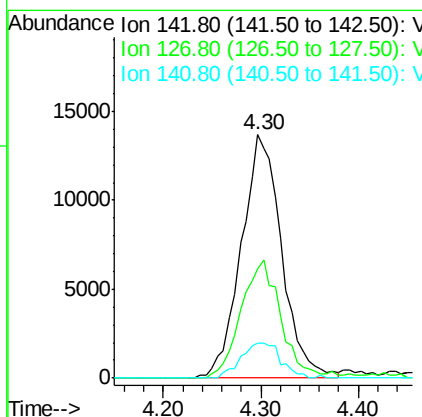
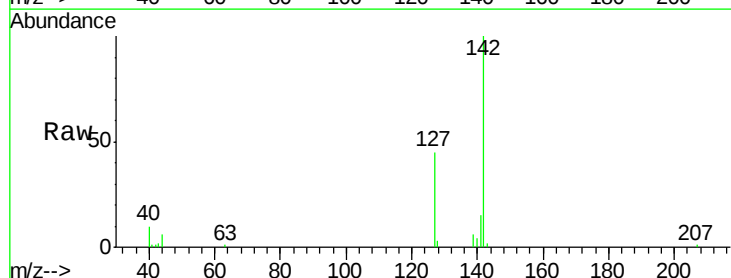
RT: 4.30 min Scan# 404

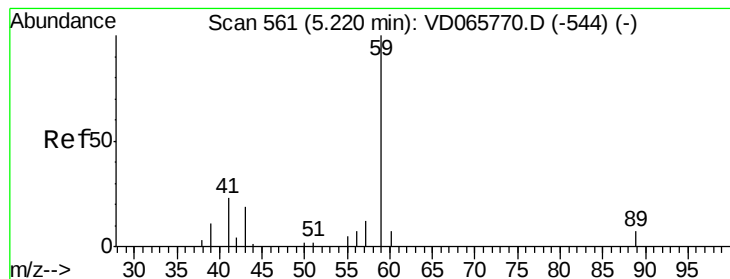
Delta R.T. -0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Tgt Ion:	142	Resp:	39463
Ion Ratio	Lower	Upper	
142	100		
127	47.3	37.6	56.4
141	14.3	12.1	18.1





#11

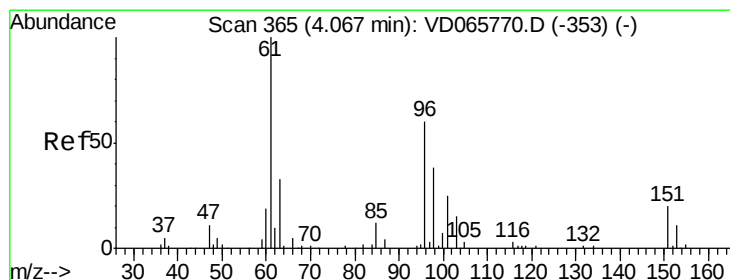
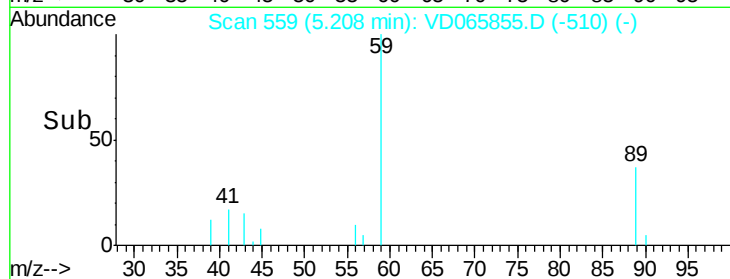
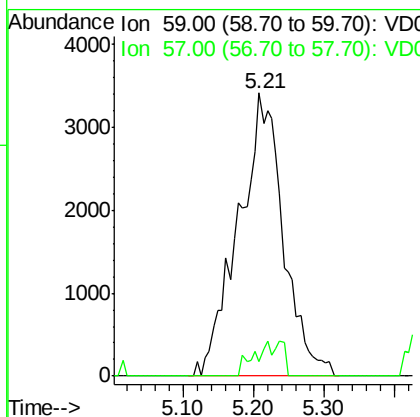
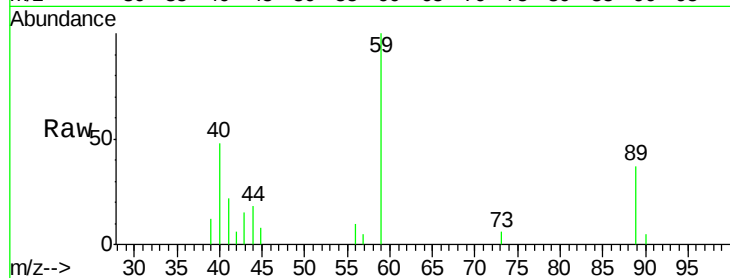
Tert butyl alcohol
 Concen: 119.668 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion	59	Resp	15114
Ion Ratio	100	Lower	Upper
57	4.9	7.5	11.3#

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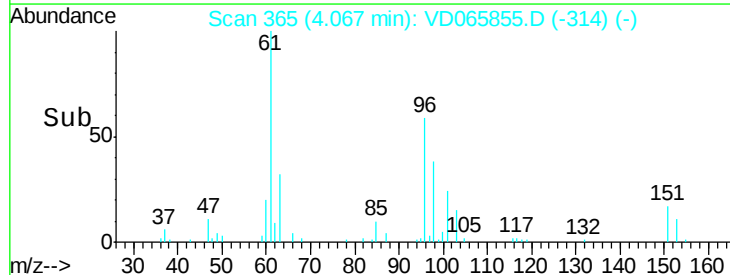
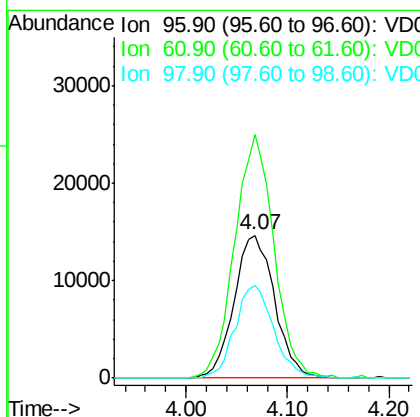
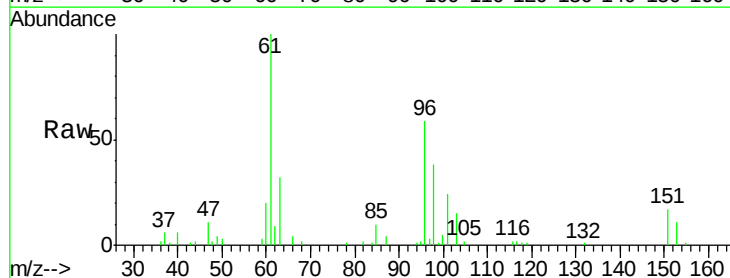
MMDadoda
 6/24/2020 10:52:37 AM



#12

1,1-Dichloroethene
 Concen: 22.607 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion	96	Resp	40546
Ion Ratio	100	Lower	Upper
61	170.6	132.3	198.5
98	65.0	50.7	76.1





#13

Acrolein

Concen: 72.133 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 56 Resp: 7904

Ion Ratio Lower Upper

56 100

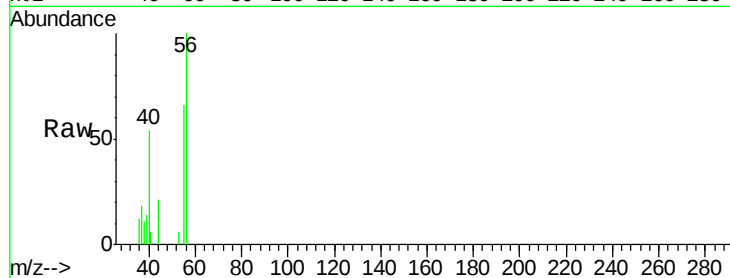
55 75.1 54.8 82.2

Manual Integrations

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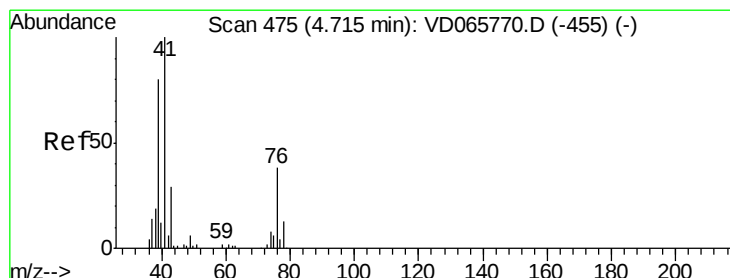
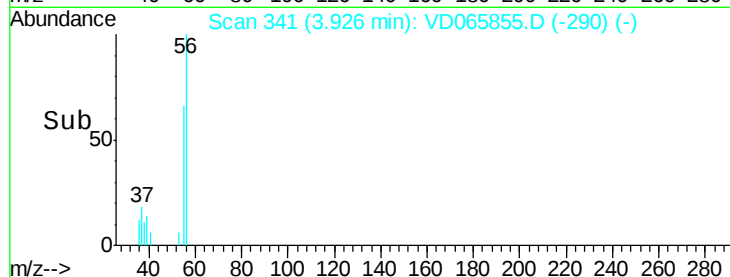
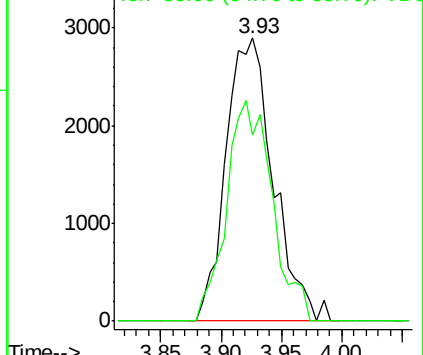
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.848 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

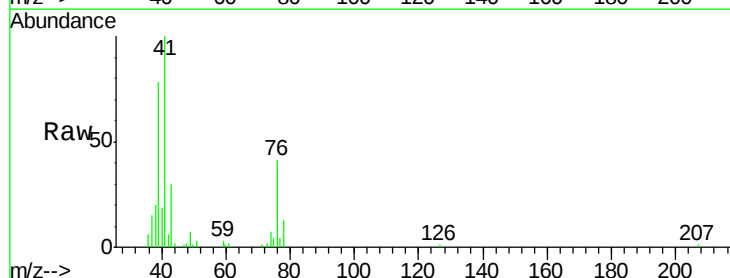
Tgt Ion: 41 Resp: 64764

Ion Ratio Lower Upper

41 100

39 76.9 60.9 91.3

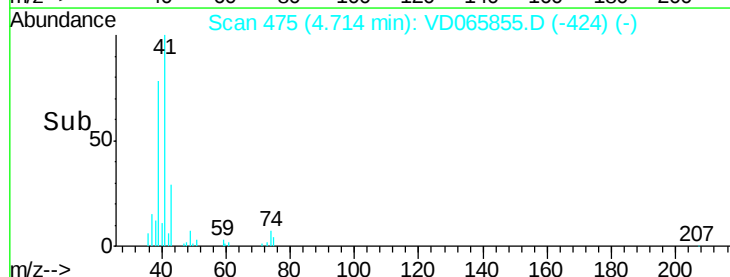
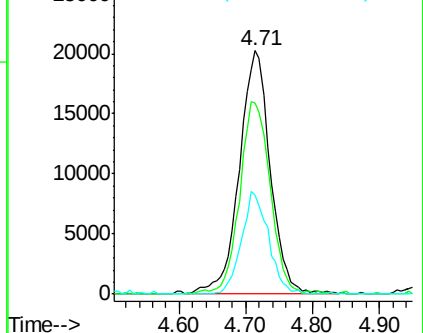
76 36.6 28.9 43.3

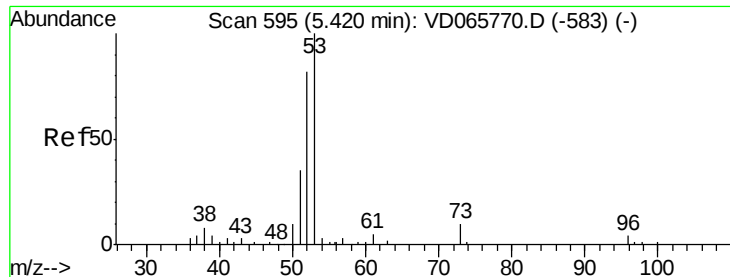


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 105.927 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

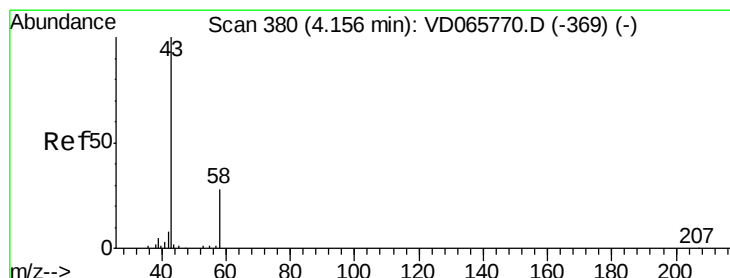
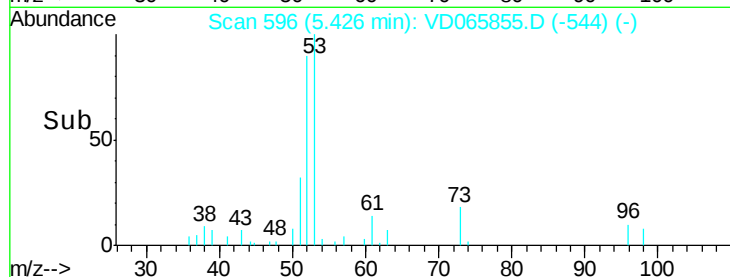
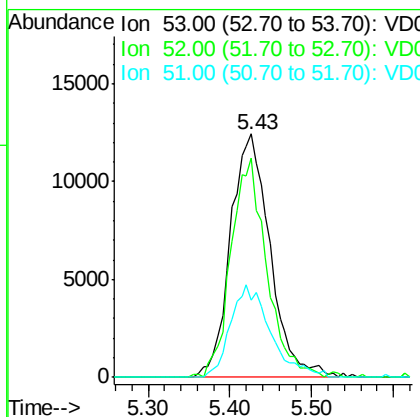
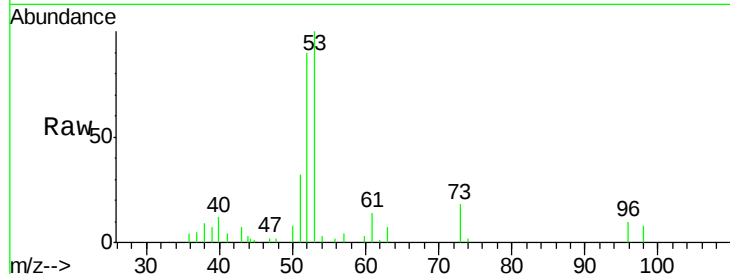
ClientSampleId :

VD0623SBS01

Tot Ion:	53	Resp:	41743
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.2	99.2
51	38.5	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 116.643 ug/l

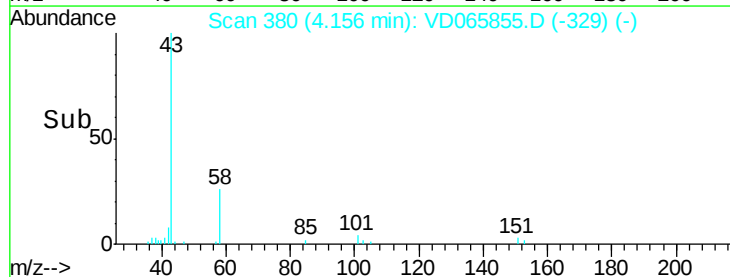
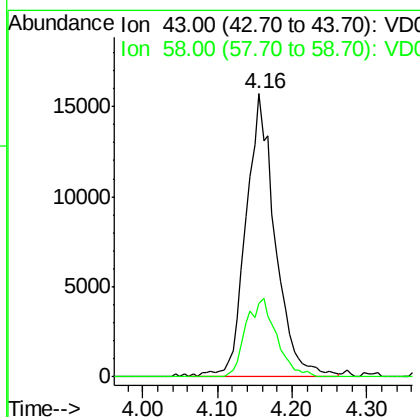
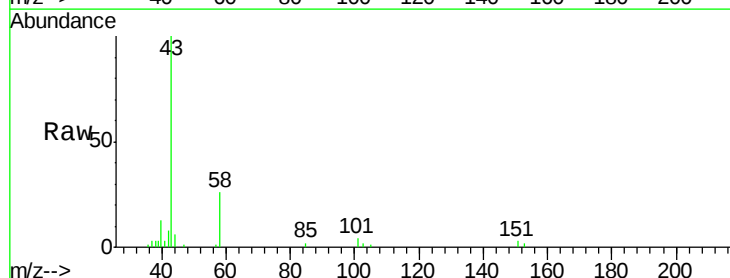
RT: 4.16 min Scan# 380

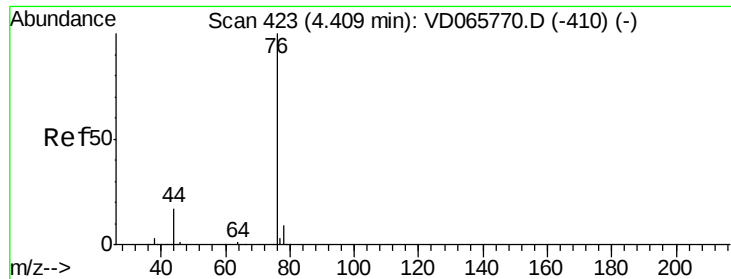
Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Tgt Ion:	43	Resp:	42924
Ion	Ratio	Lower	Upper
43	100		
58	25.8	22.3	33.5





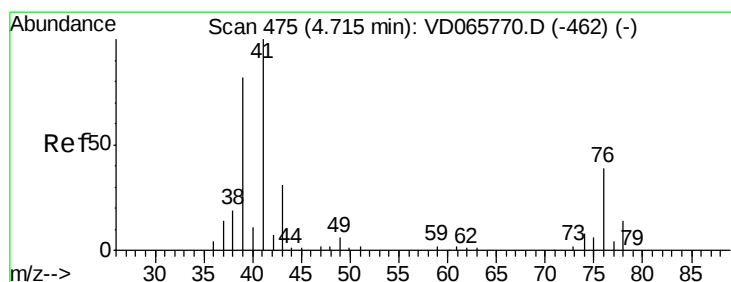
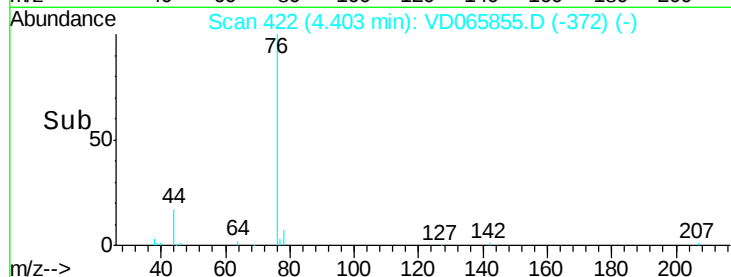
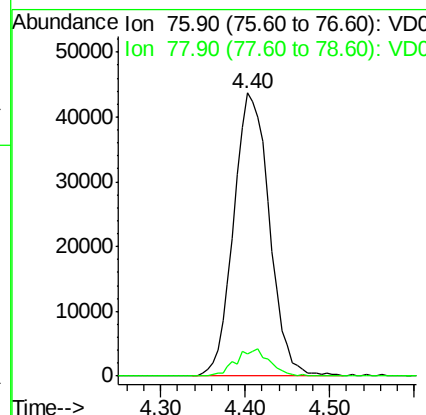
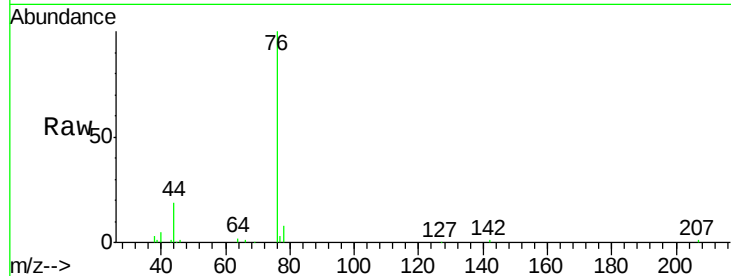
#17
Carbon Disulfide
Concen: 21.241 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion: 76 Resp: 127864
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7

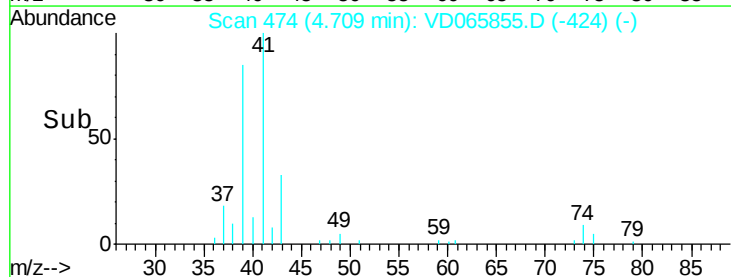
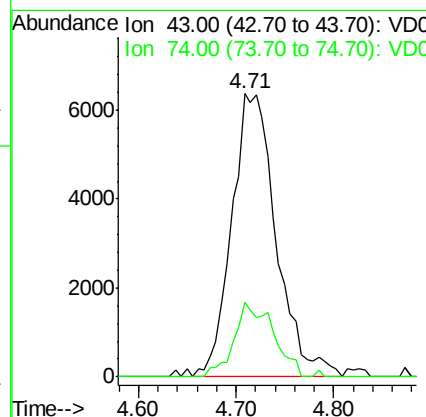
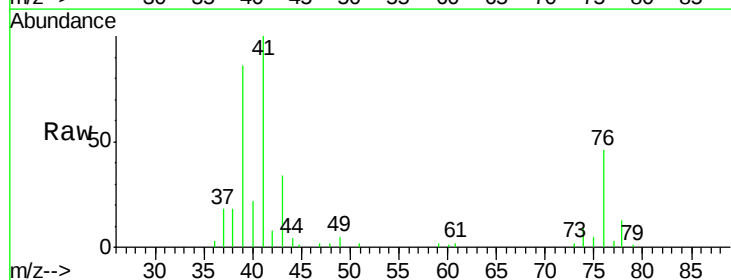
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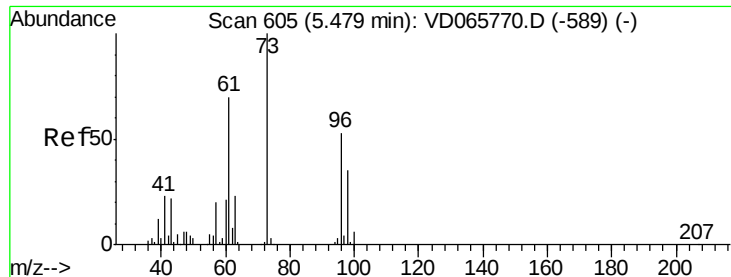
MMDadoda
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#18
Methyl Acetate
Concen: 22.386 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 43 Resp: 20246
Ion Ratio Lower Upper
43 100
74 23.1 18.7 28.1





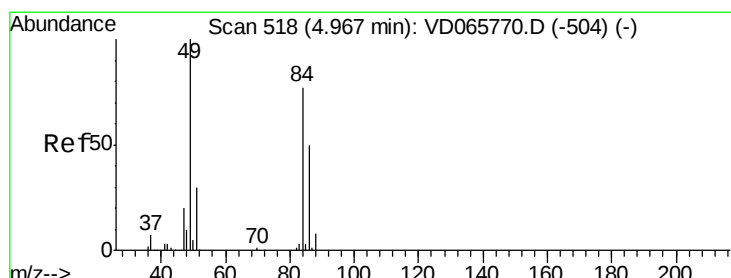
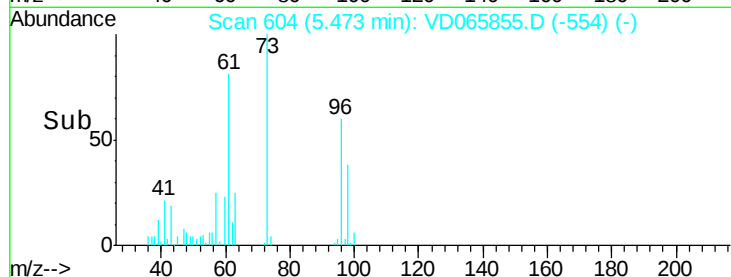
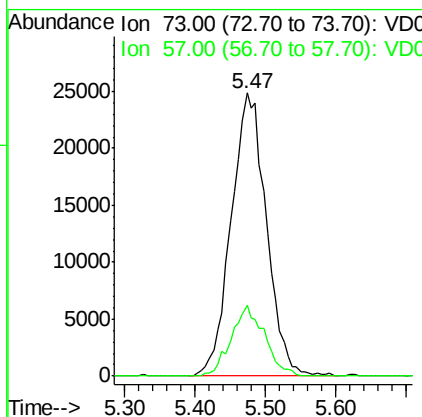
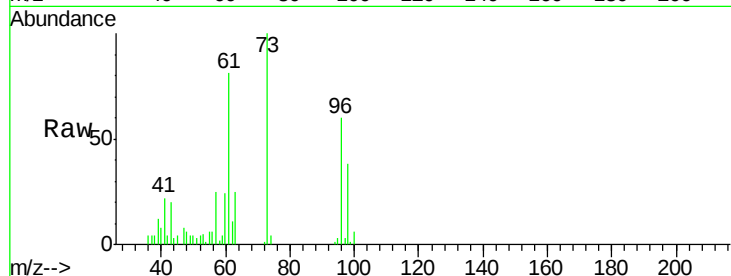
#19
Methyl tert-butyl Ether
Concen: 21.219 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion: 73 Resp: 86201
Ion Ratio Lower Upper
73 100
57 24.8 16.2 24.2#

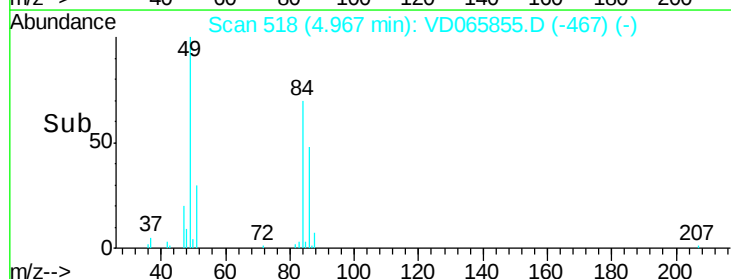
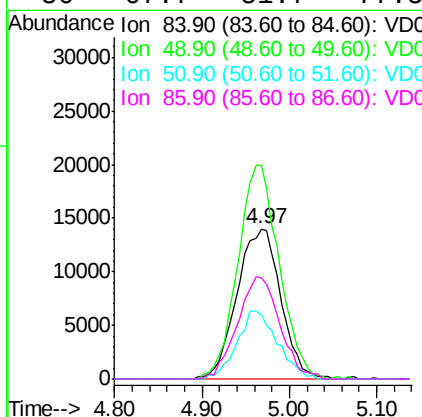
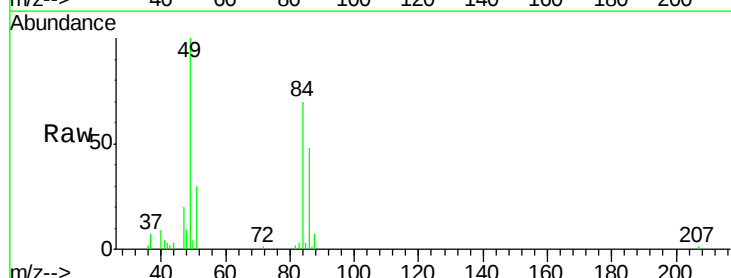
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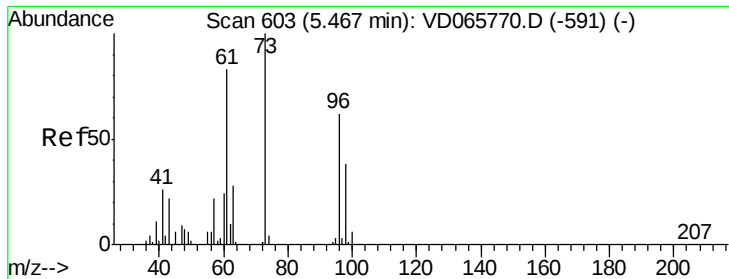
MMDadoda
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#20
Methylene Chloride
Concen: 21.880 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 84 Resp: 47651
Ion Ratio Lower Upper
84 100
49 142.3 103.4 155.0
51 42.4 31.4 47.2
86 67.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 21.765 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

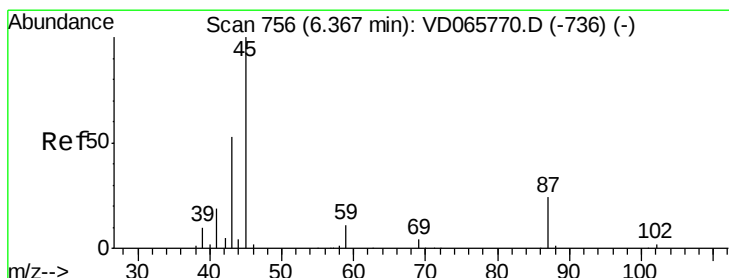
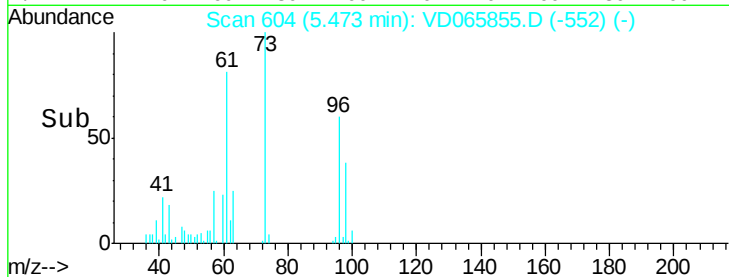
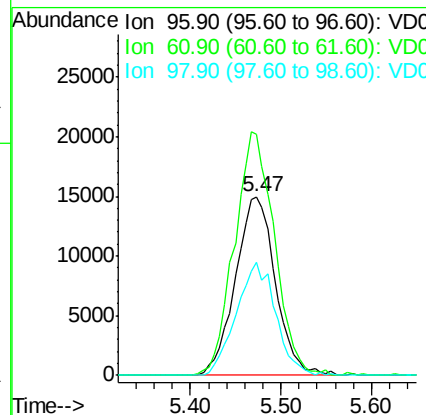
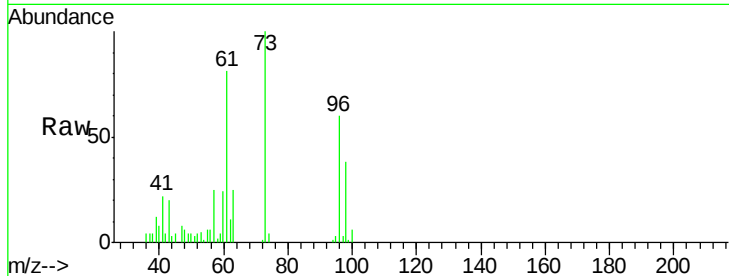
ClientSampleId :

VD0623SBS01

Tot Ion:	96	Resp:	45717
Ion	Ratio	Lower	Upper
96	100		
61	134.9	107.7	161.5
98	63.1	49.3	73.9

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#22

Diisopropyl ether

Concen: 21.993 ug/l

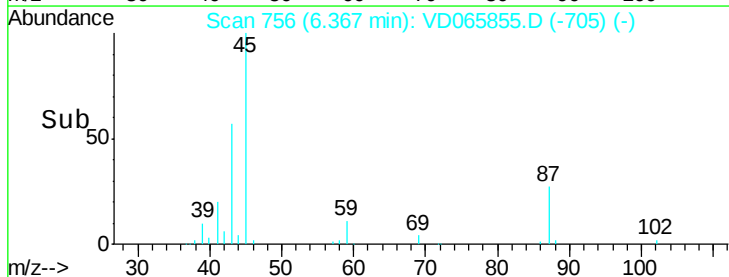
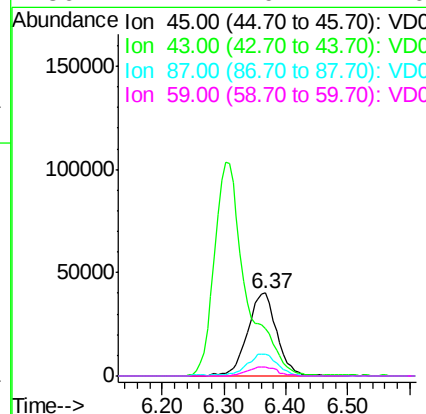
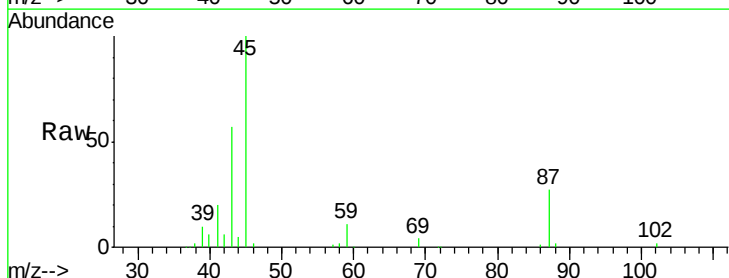
RT: 6.37 min Scan# 756

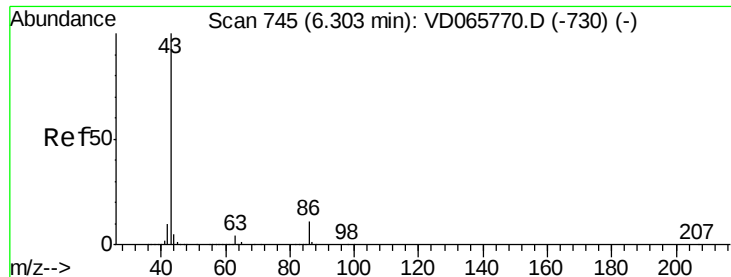
Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Tgt Ion:	45	Resp:	131727
Ion	Ratio	Lower	Upper
45	100		
43	56.0	43.4	65.0
87	26.6	20.2	30.4
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 108.090 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 43 Resp: 365585

Ion Ratio Lower Upper

43 100

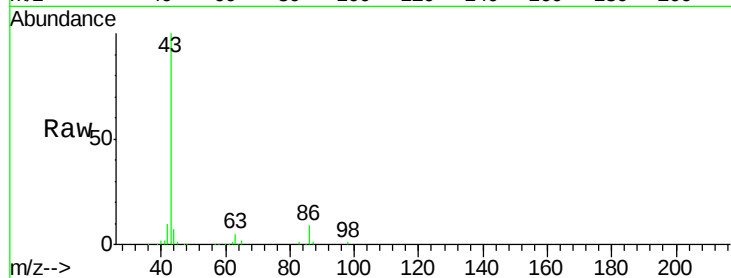
86 9.4 8.5 12.7

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

120000

100000

80000

60000

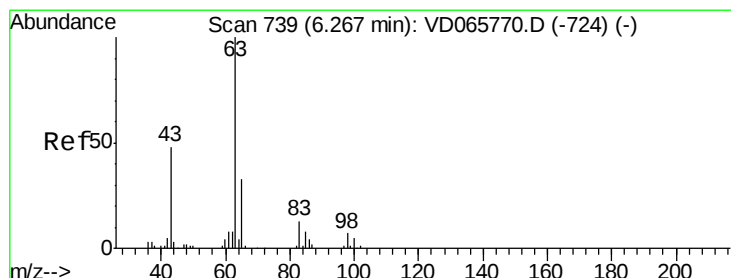
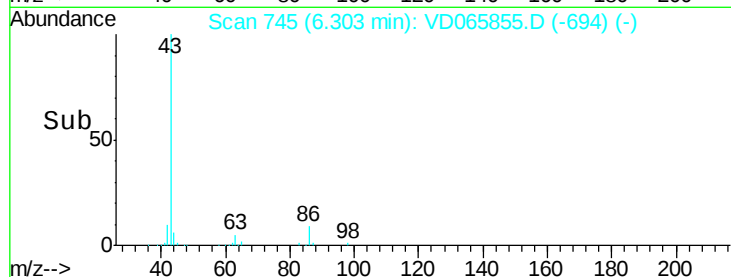
40000

20000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 22.210 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

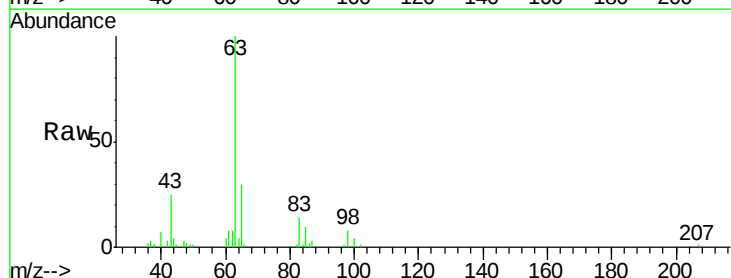
Tgt Ion: 63 Resp: 81053

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.5

100 4.4 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

30000

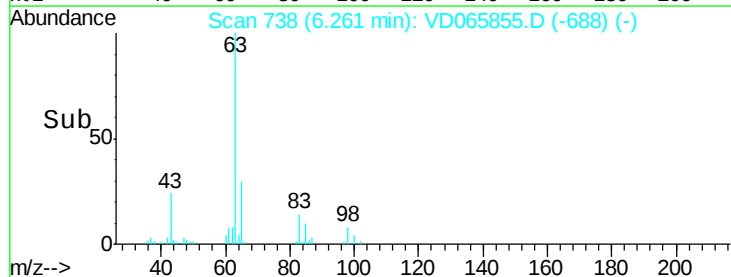
20000

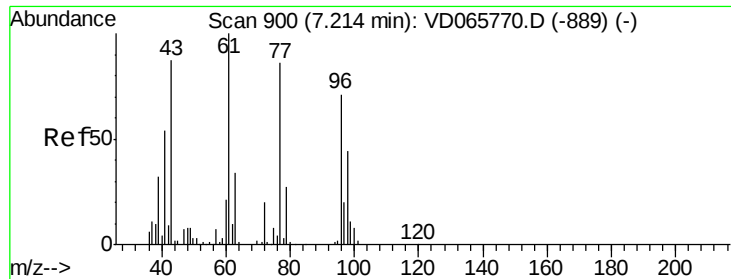
10000

0

6.20 6.30 6.40

Time-->





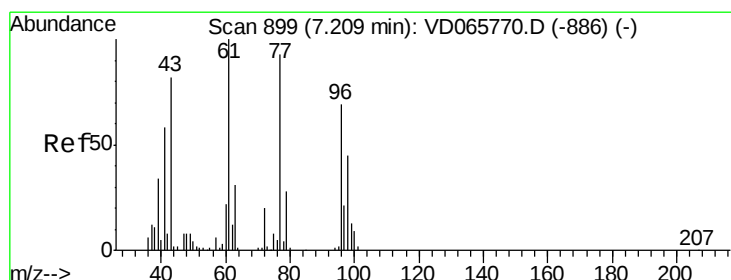
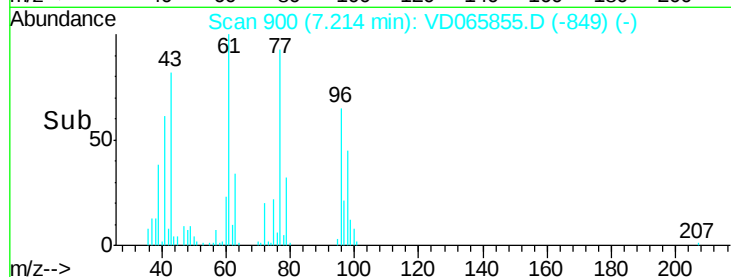
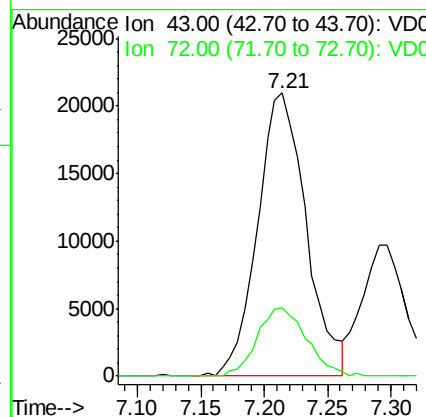
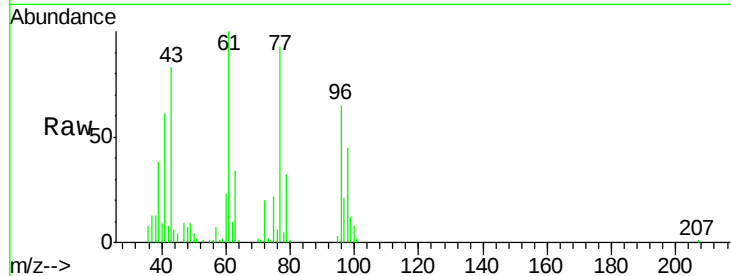
#25
2-Butanone
Concen: 110.391 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion: 43 Resp: 56103
Ion Ratio Lower Upper
43 100
72 24.3 18.5 27.7

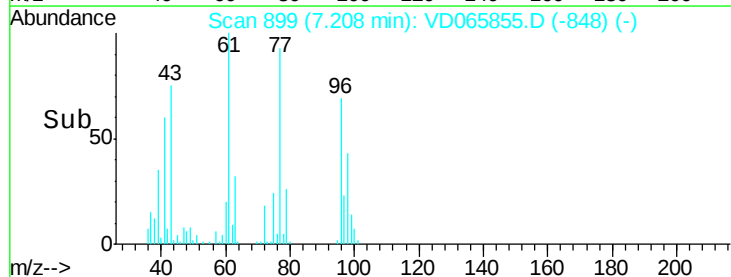
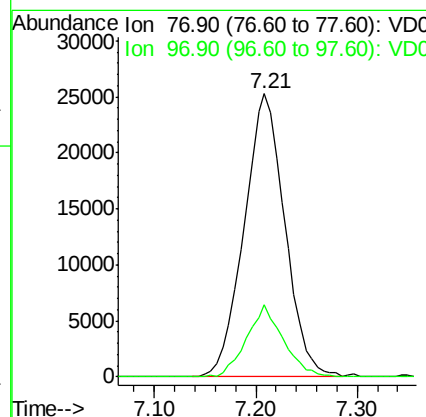
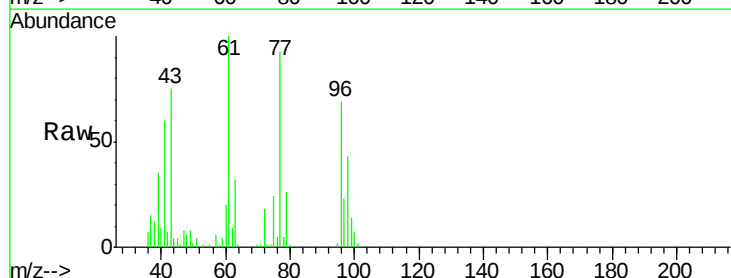
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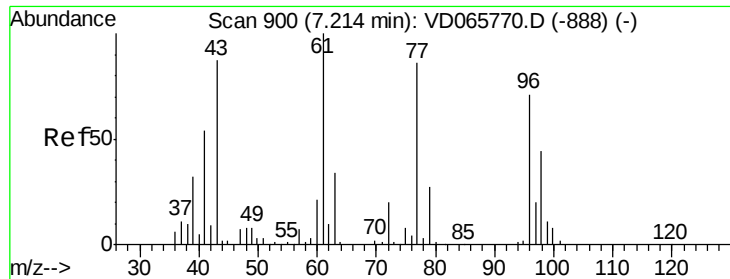
MMDadoda
6/24/2020 10:52:37 AM



#26
2,2-Dichloropropane
Concen: 21.804 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 77 Resp: 70555
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.7





#27

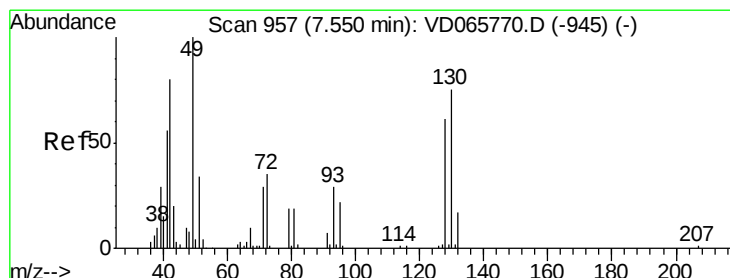
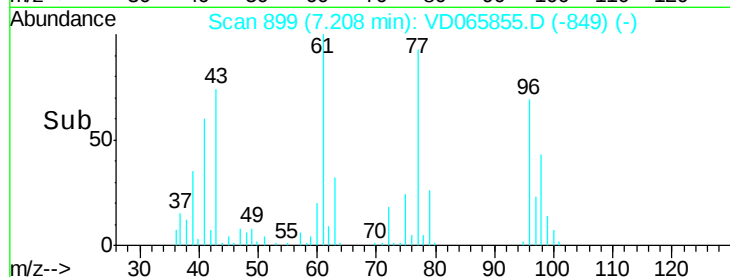
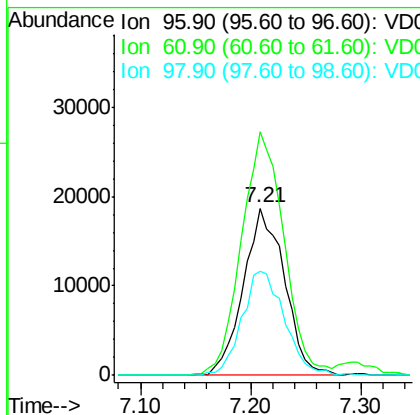
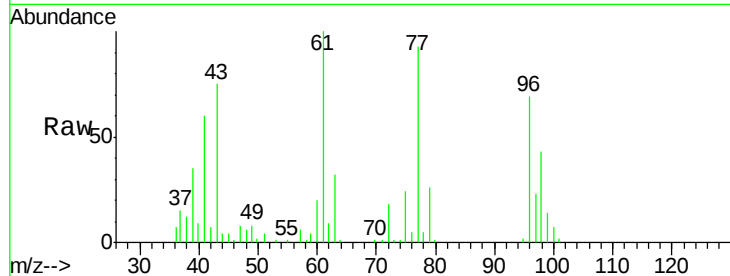
cis-1,2-Dichloroethene
Concen: 21.640 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	48895		
61	150.8		0.0	291.2
98	64.2		0.0	128.8

Manual Integrations
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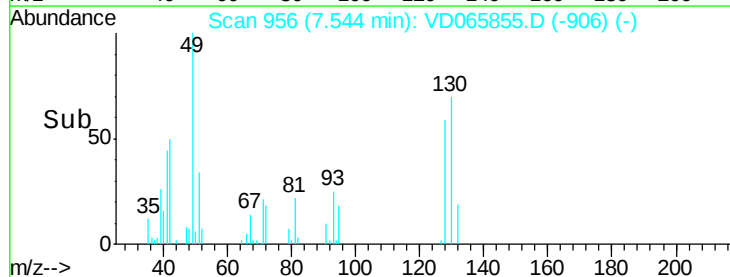
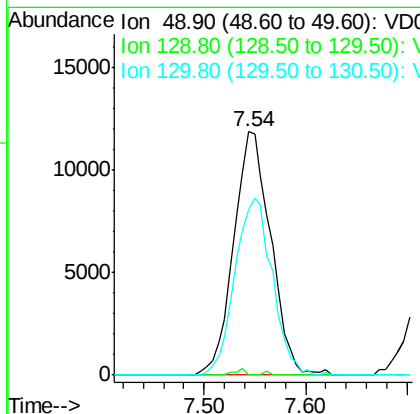
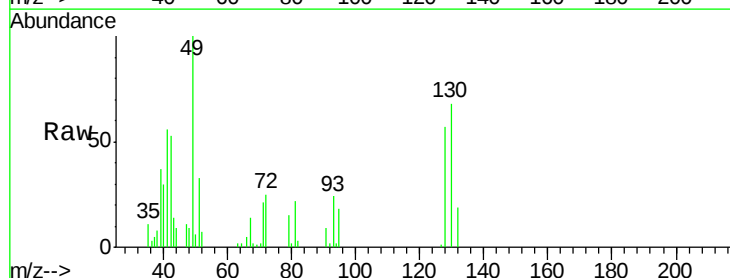
MMDadoda
6/24/2020 10:52:37 AM

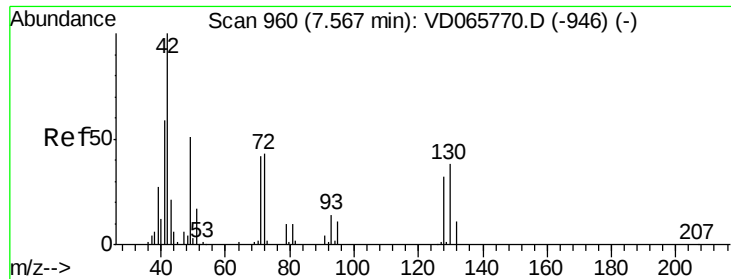


#28

Bromochloromethane
Concen: 21.354 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30098		
129	0.8		0.0	4.6
130	73.3		59.5	89.3





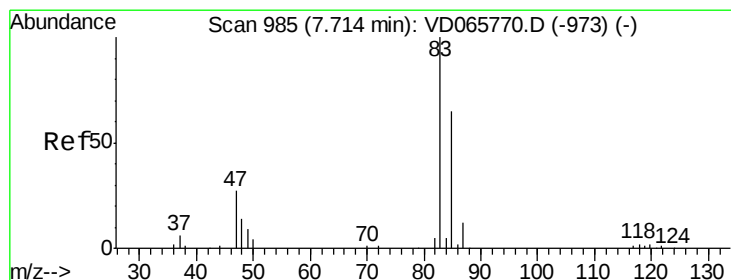
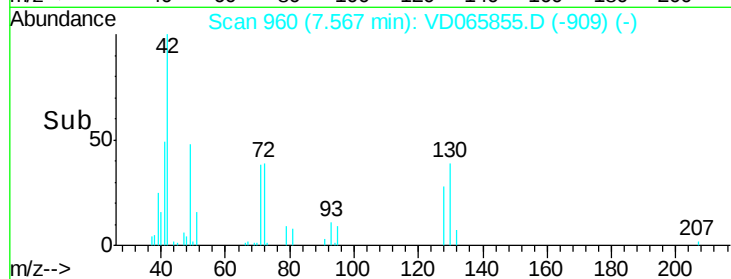
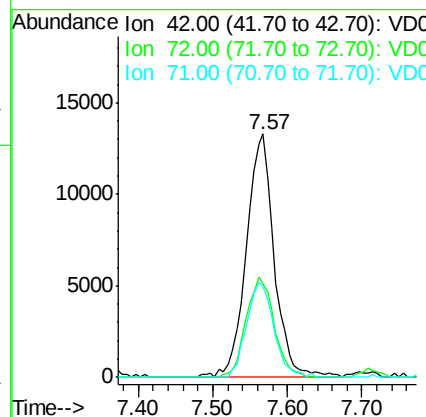
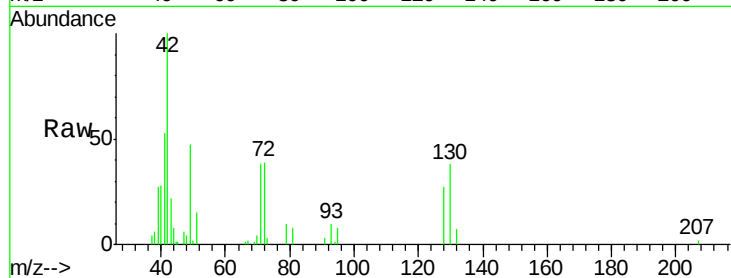
#29
Tetrahydrofuran
Concen: 107.364 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	34.9	52.3
71	38.3	31.2	46.8

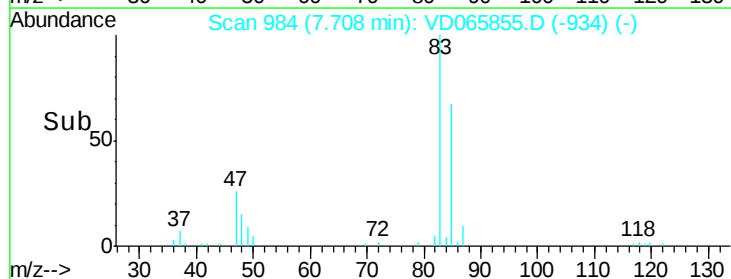
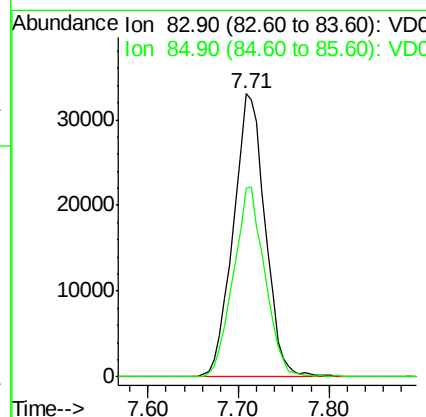
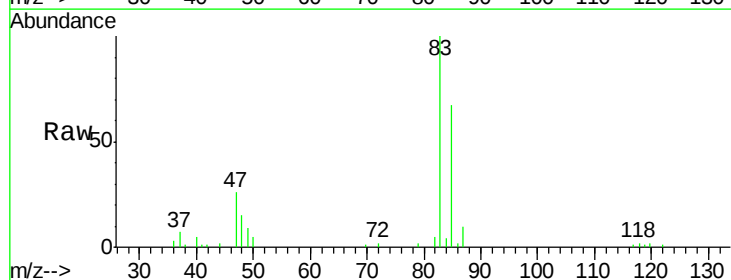
Manual Integrations
APPROVED

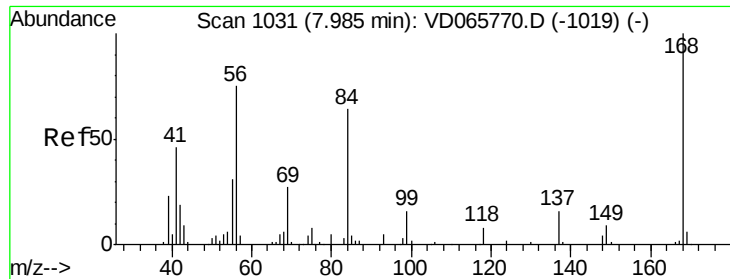
MMDadoda
6/24/2020 10:52:37 AM



#30
Chloroform
Concen: 21.361 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.9	77.9





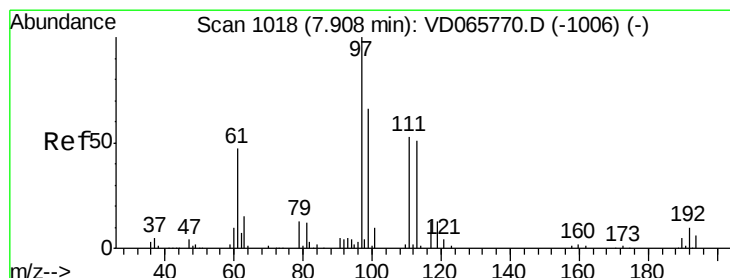
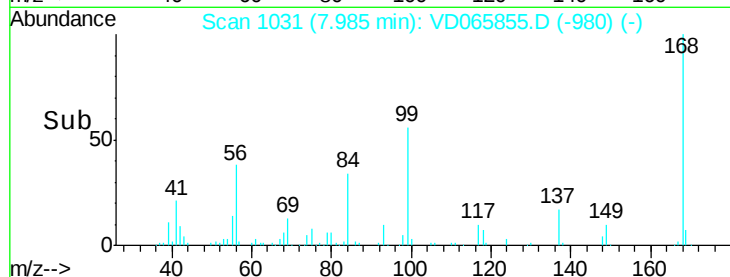
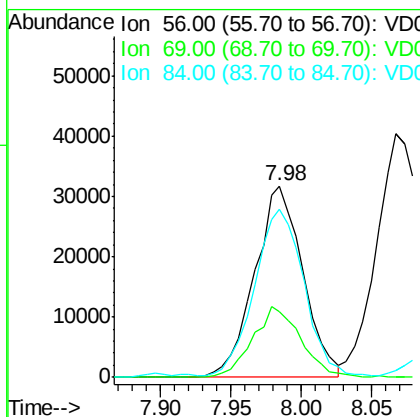
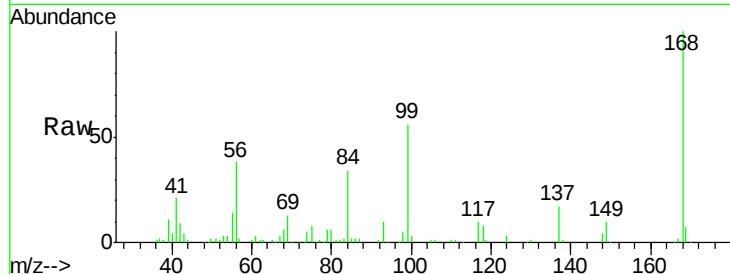
#31
Cyclohexane
Concen: 21.686 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	34.5	28.5	42.7	
84	86.4	68.4	102.6	

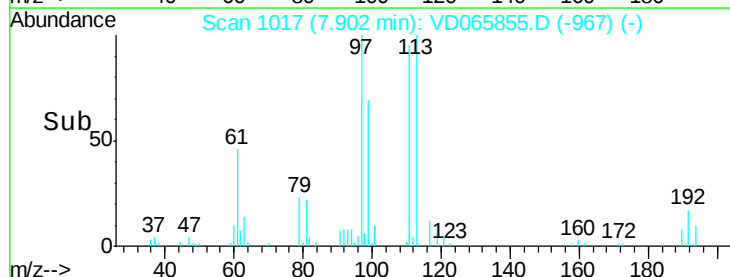
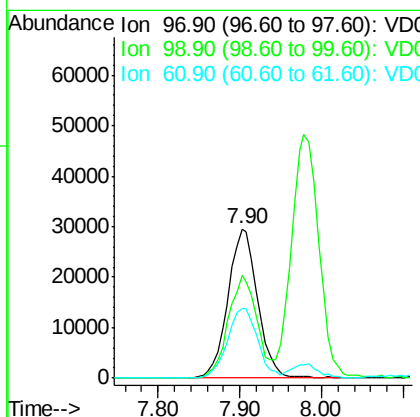
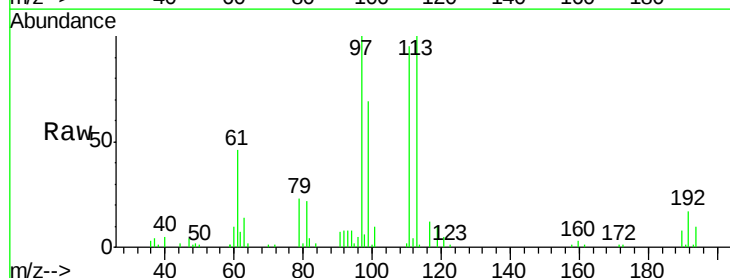
Manual Integrations
APPROVED

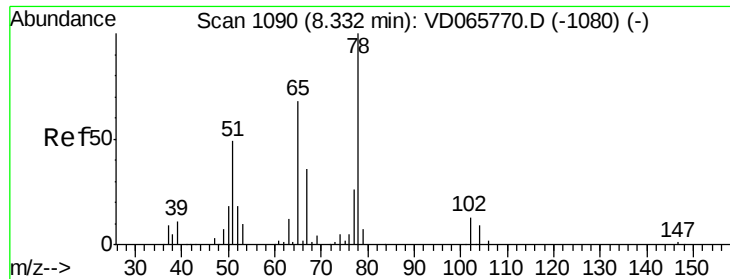
MMDadoda
6/24/2020 10:52:37 AM



#32
1,1,1-Trichloroethane
Concen: 21.403 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	66.1	49.2	73.8	
61	47.4	36.0	54.0	





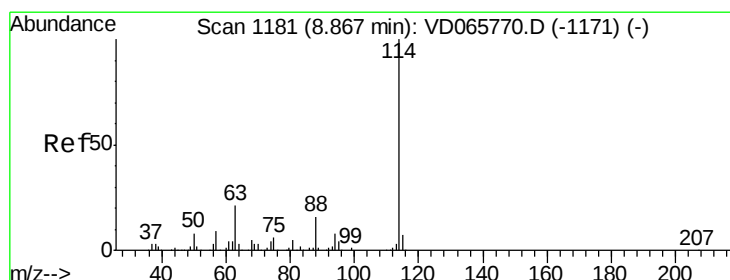
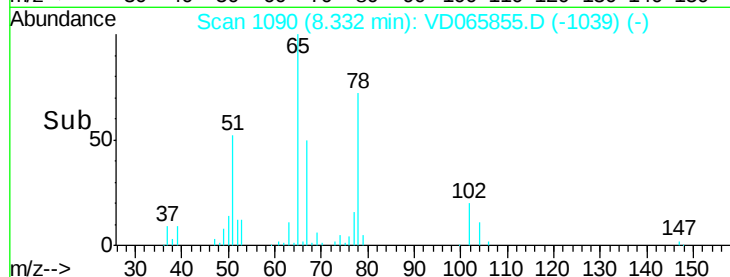
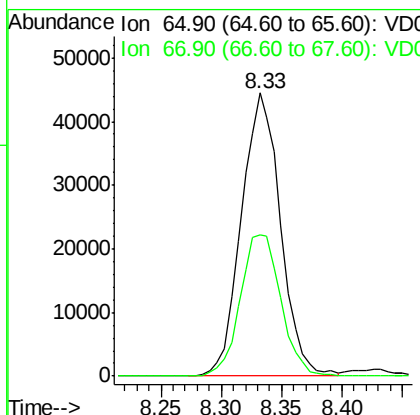
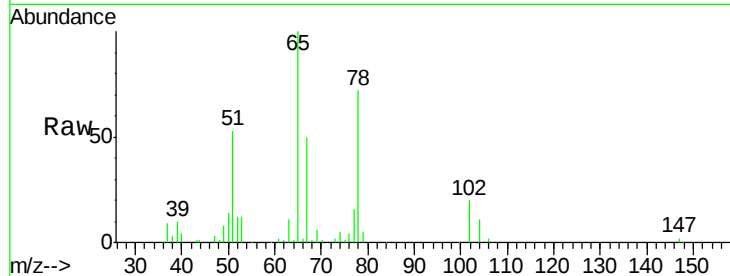
#33
 1,2-Dichloroethane-d4
 Concen: 51.379 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	100232		
67	51.8	0.0	103.6	

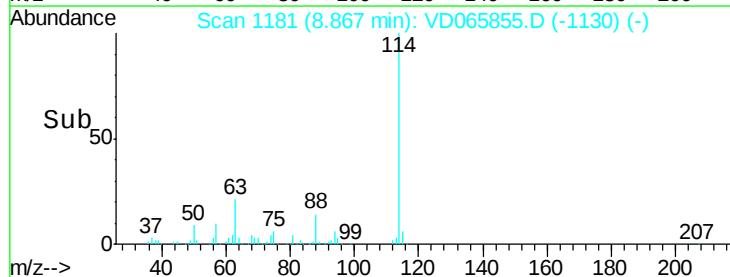
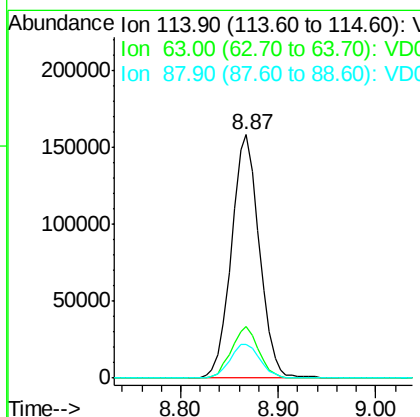
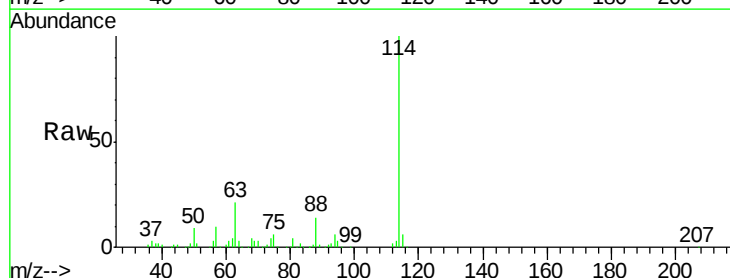
Manual Integrations
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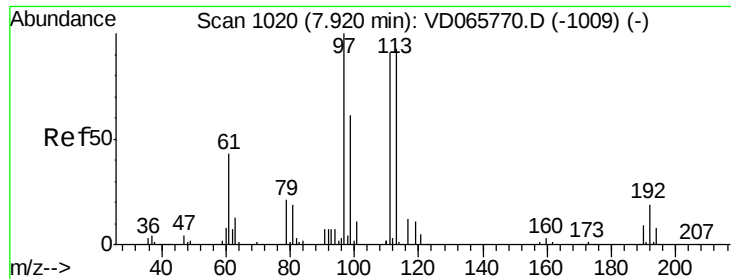
MMDadoda
 6/24/2020 10:52:37 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	313651		
63	21.0	0.0	41.8	
88	13.6	0.0	32.0	





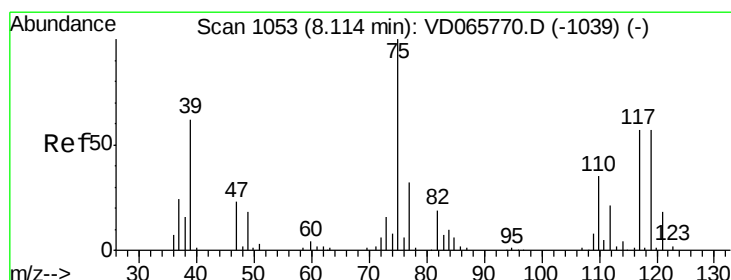
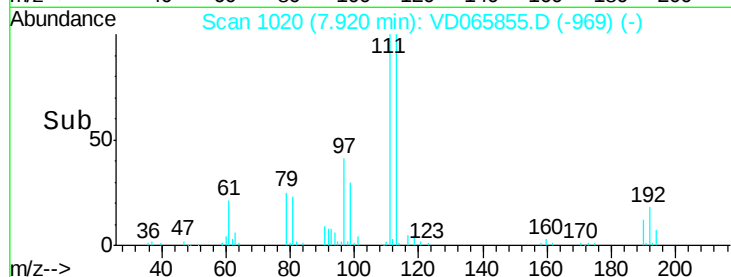
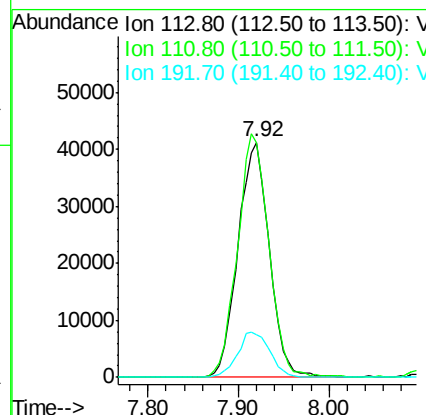
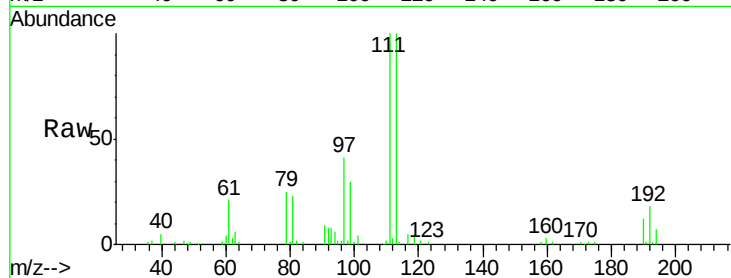
#35
 Dibromofluoromethane
 Concen: 50.001 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.0
192	19.7	15.7	23.5

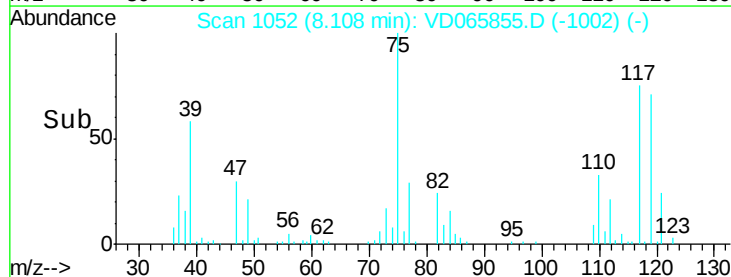
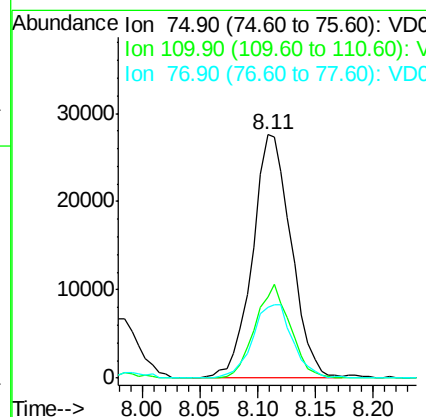
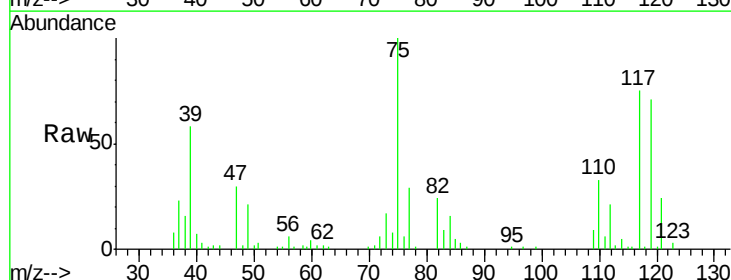
Manual Integrations
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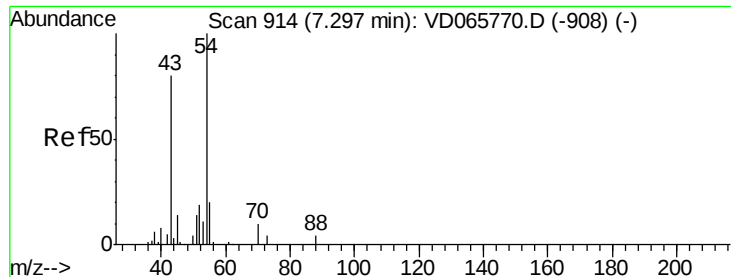
MMDadoda
 6/24/2020 10:52:37 AM



#36
 1,1-Dichloropropene
 Concen: 21.433 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.6	52.8
77	31.0	25.1	37.7





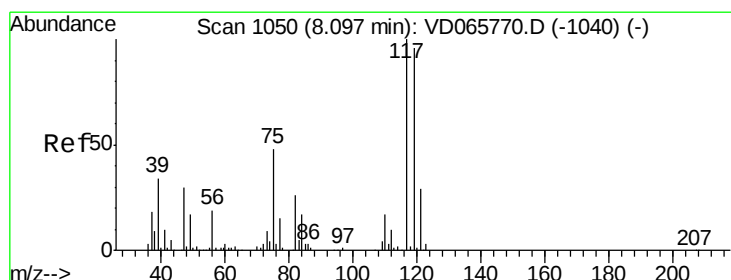
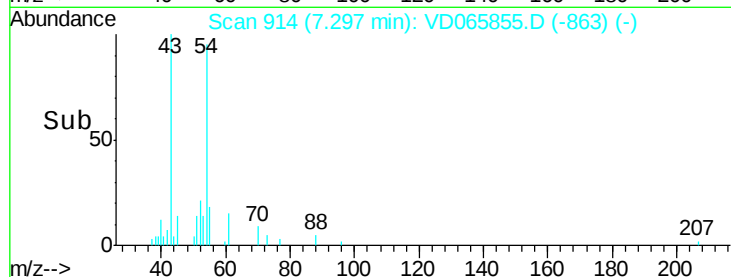
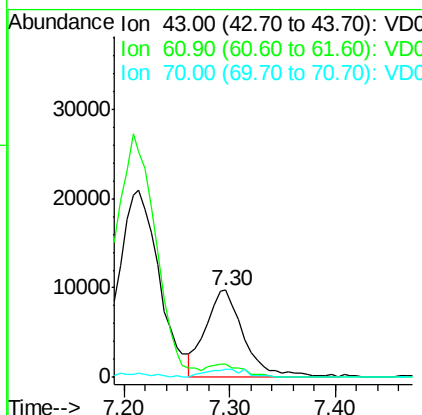
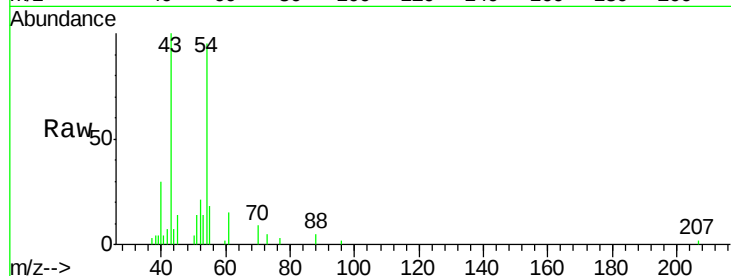
#37
Ethyl Acetate
Concen: 21.068 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.6	15.8
70	10.0	7.5	11.3

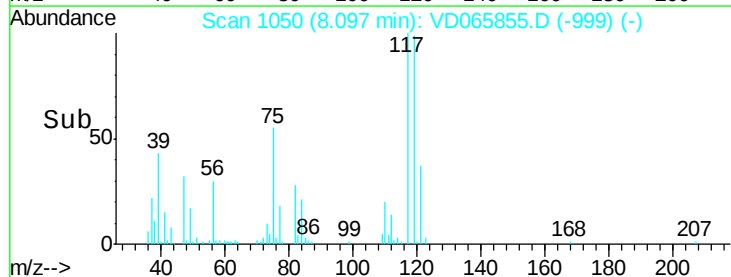
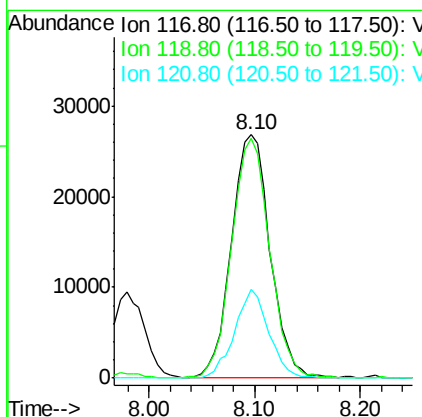
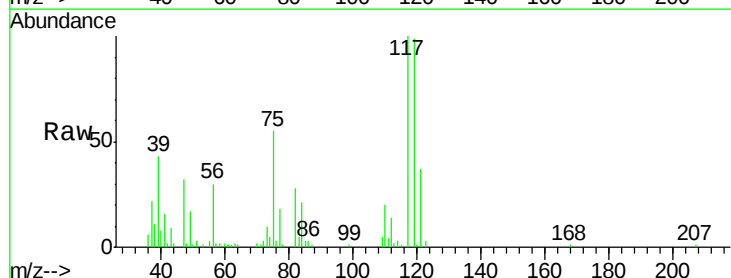
Manual Integrations
APPROVED

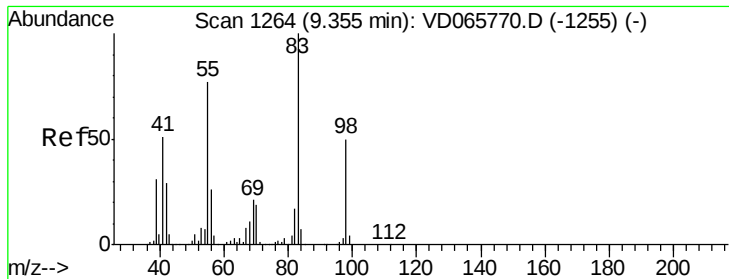
MMDadoda
6/24/2020 10:52:37 AM



#38
Carbon Tetrachloride
Concen: 21.584 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.8	115.2
121	36.5	23.4	35.2#





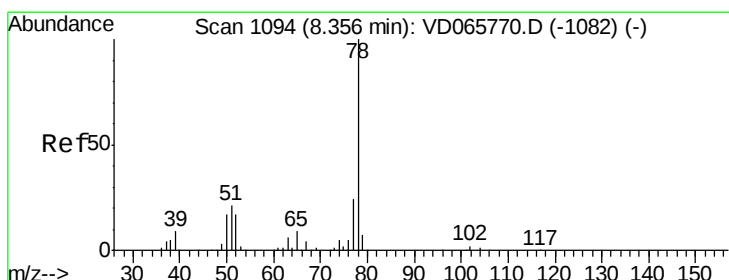
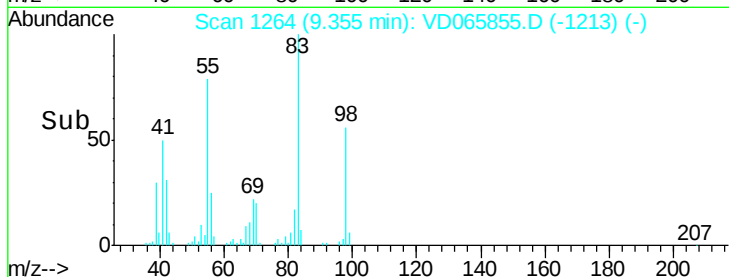
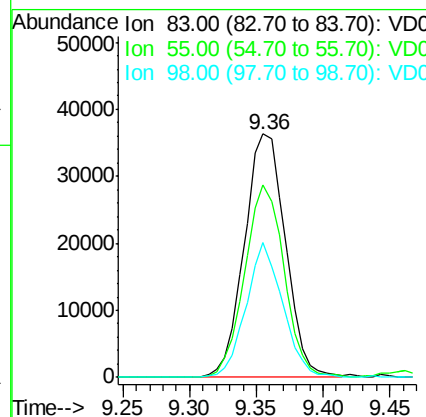
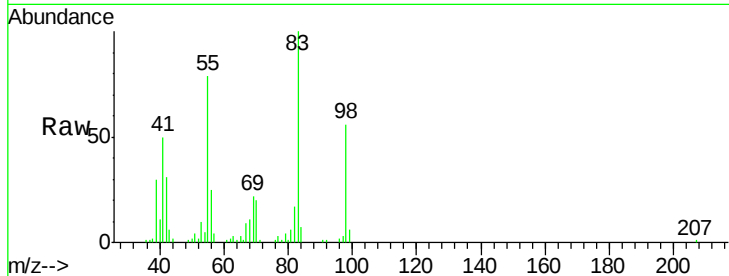
#39
Methvlcvclohexane
Concen: 21.747 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.2	61.6	92.4
98	55.5	40.2	60.2

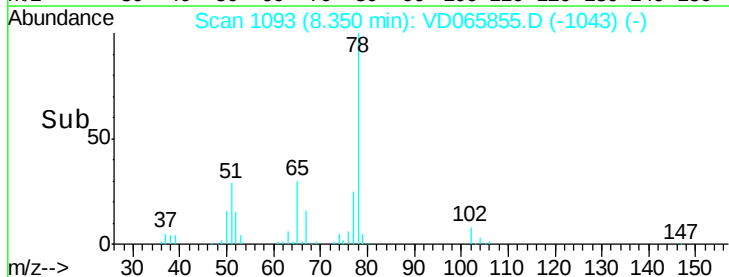
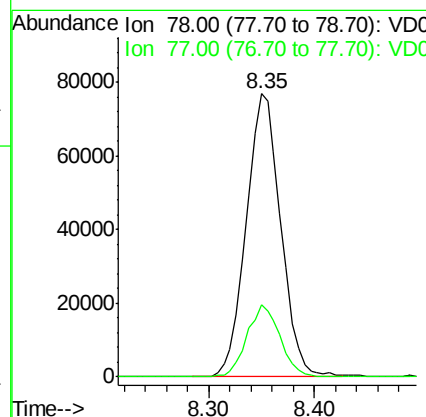
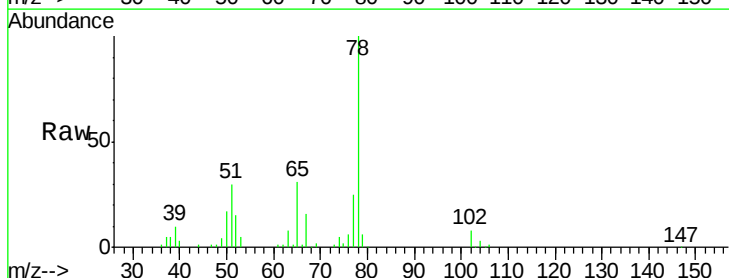
Manual Integrations
APPROVED

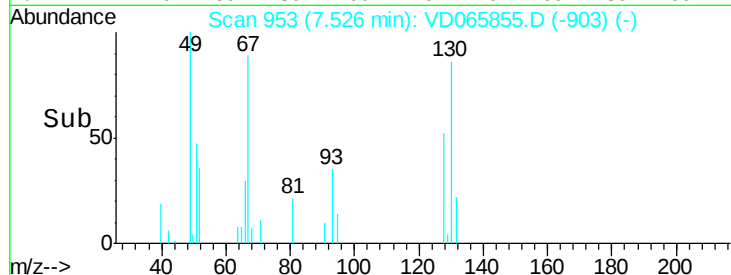
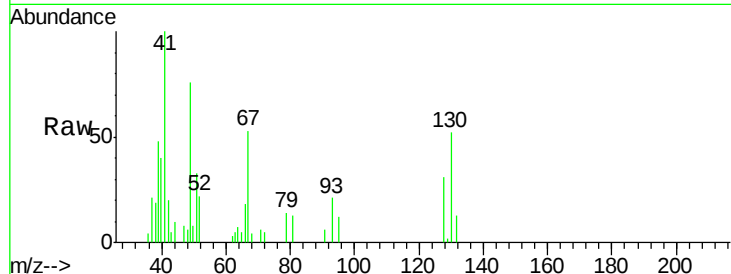
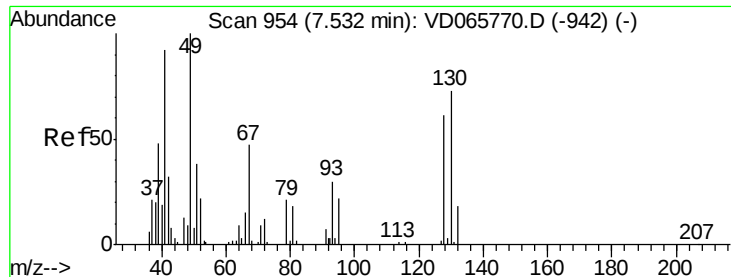
MMDadoda
6/24/2020 10:52:37 AM



#40
Benzene
Concen: 21.274 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

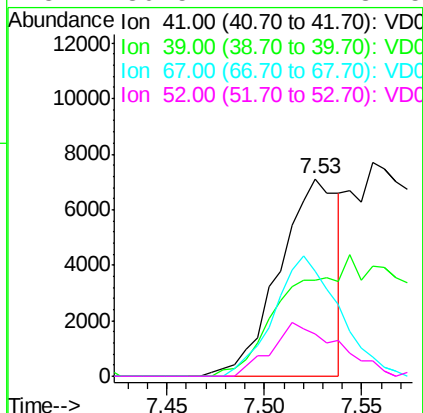
Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	19.2	28.8





#41
Methacrylonitrile
Concen: 21.146 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

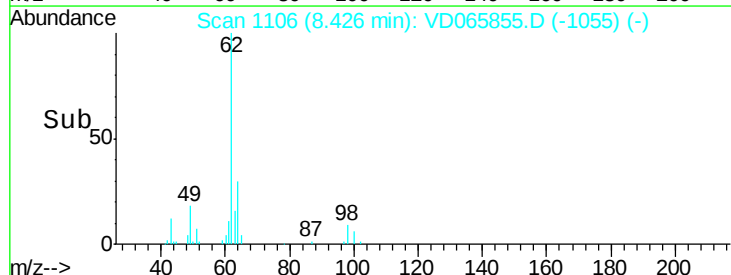
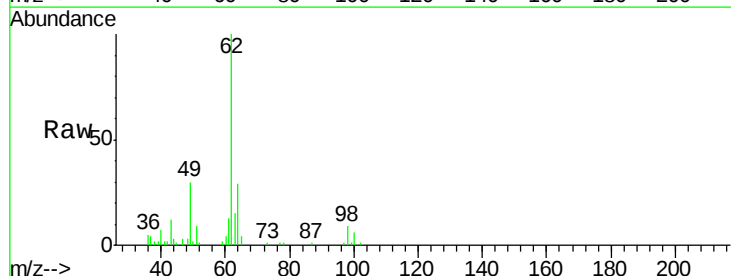
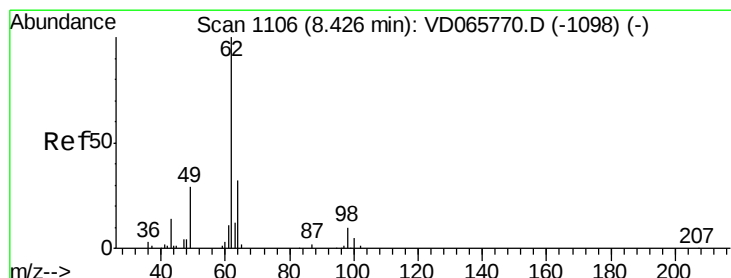
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	38.3	57.5#
67	67.0	49.8	74.6
52	30.5	21.7	32.5



Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

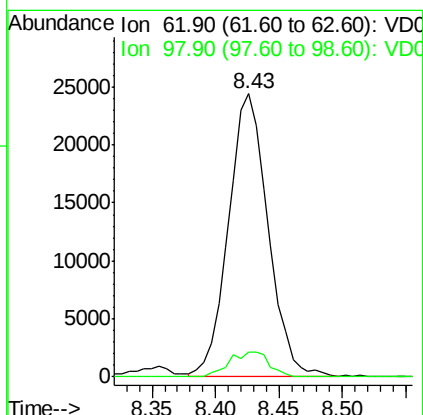
Manual Integrations
APPROVED

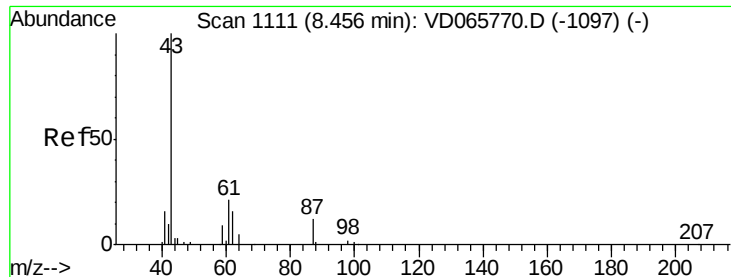
MMDadoda
6/24/2020 10:52:37 AM



#42
1,2-Dichloroethane
Concen: 21.339 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.6





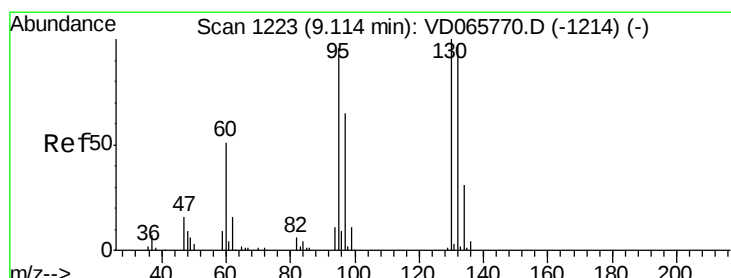
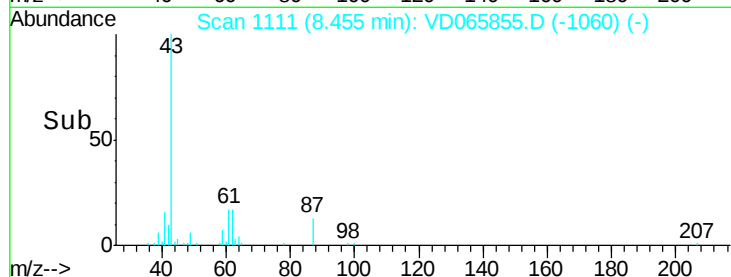
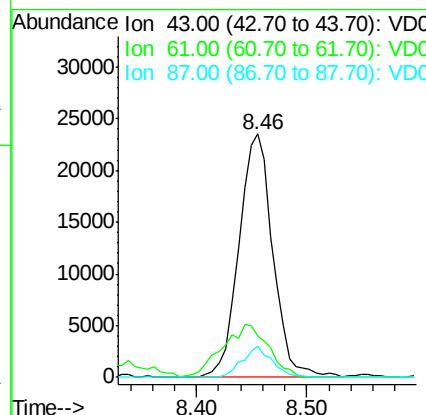
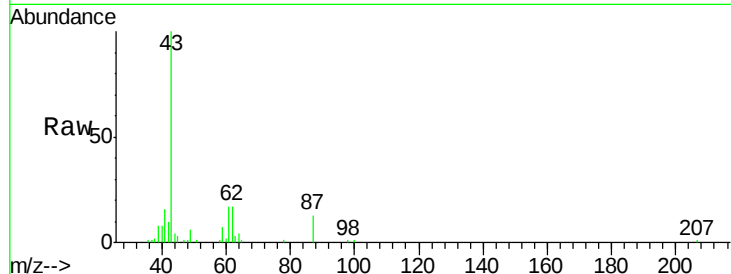
#43
Isopropyl Acetate
Concen: 21.520 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	24.2	36.4
87	11.1	9.5	14.3

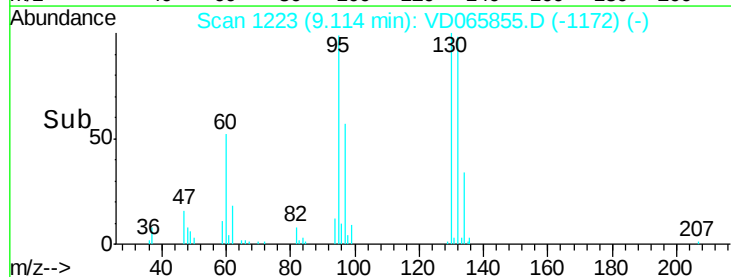
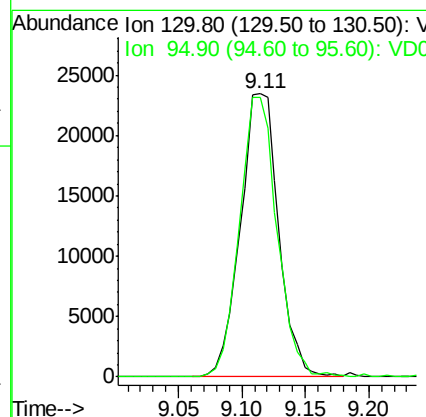
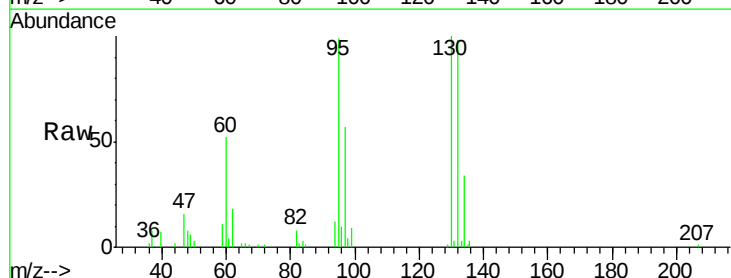
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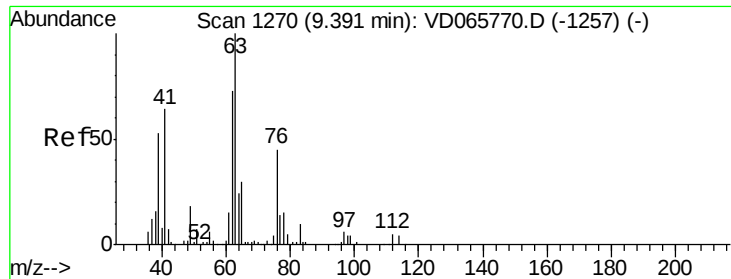
MMDadoda
6/24/2020 10:52:37 AM



#44
Trichloroethene
Concen: 21.439 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	192.8





#45

1,2-Dichloropropane

Concen: 21.087 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 63 Resp: 43521

Ion Ratio Lower Upper

63 100

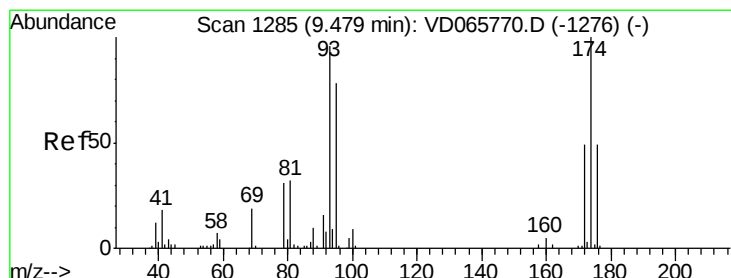
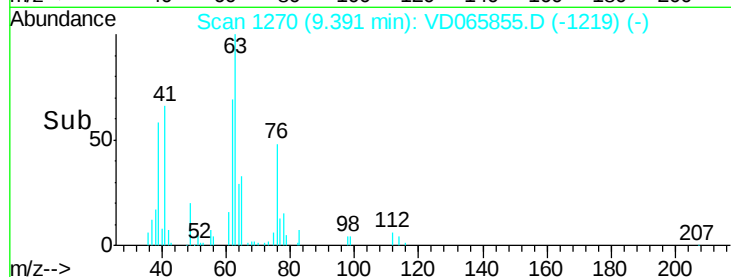
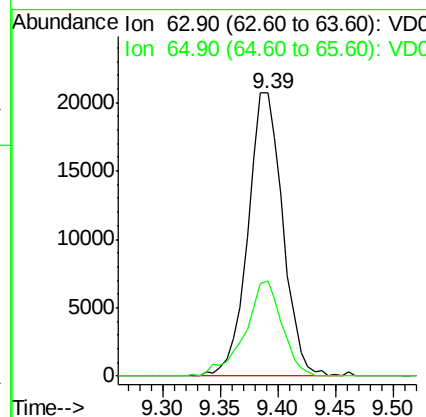
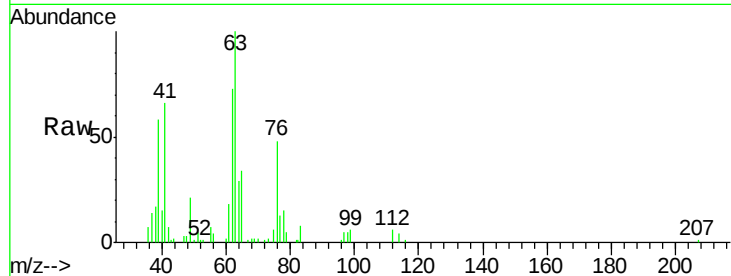
65 33.7 24.2 36.2

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#46

Dibromomethane

Concen: 20.755 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

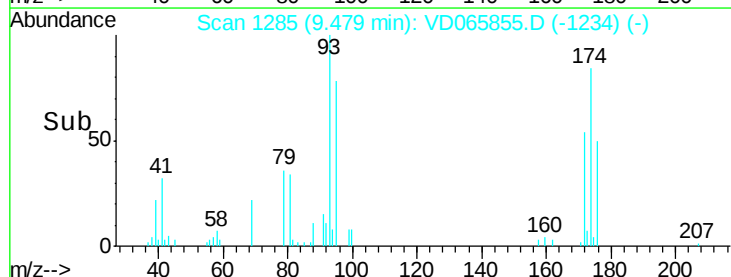
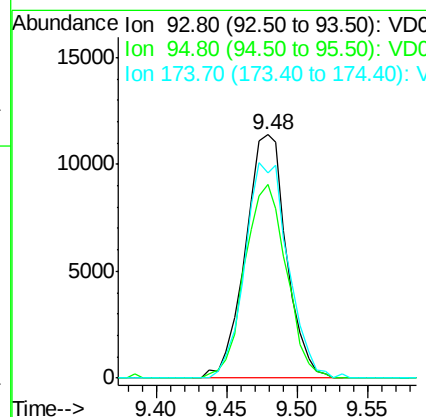
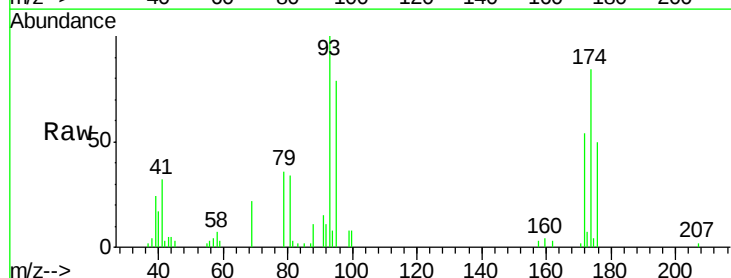
Tgt Ion: 93 Resp: 23232

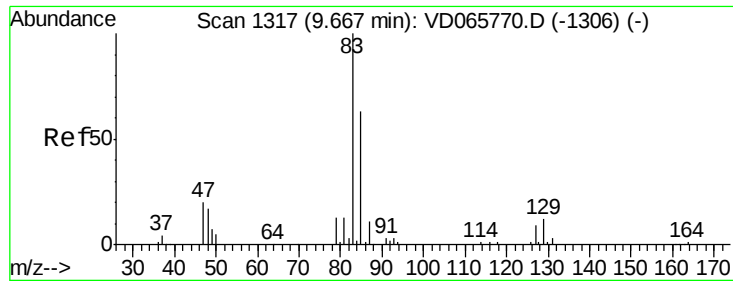
Ion Ratio Lower Upper

93 100

95 80.9 65.8 98.6

174 93.2 80.9 121.3





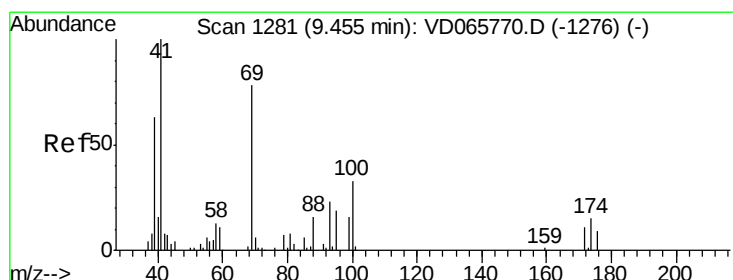
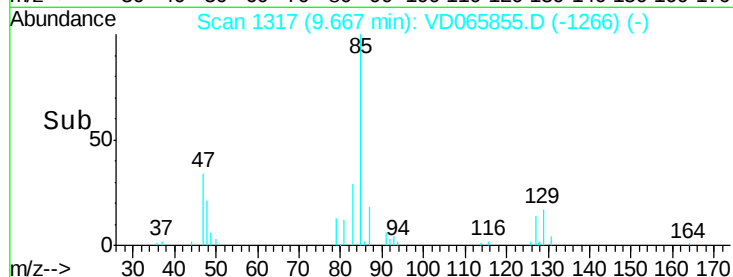
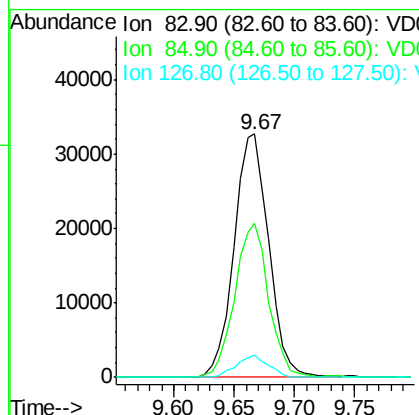
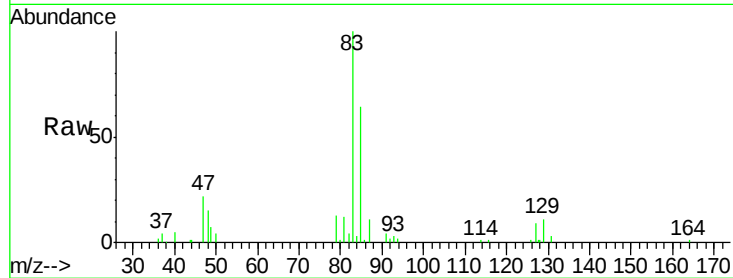
#47
Bromodichloromethane
Concen: 21.775 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.7	76.1
127	8.9	7.1	10.7

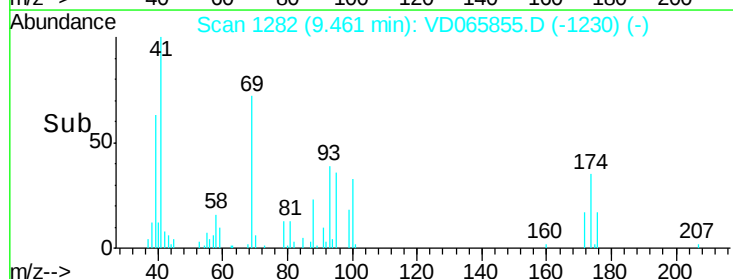
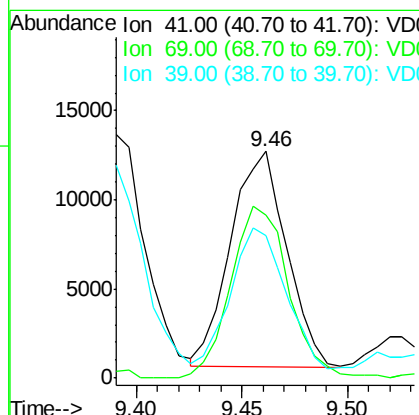
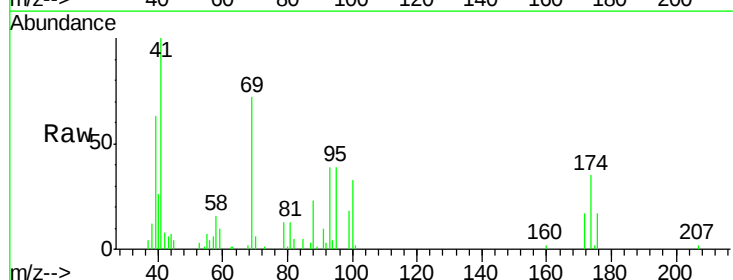
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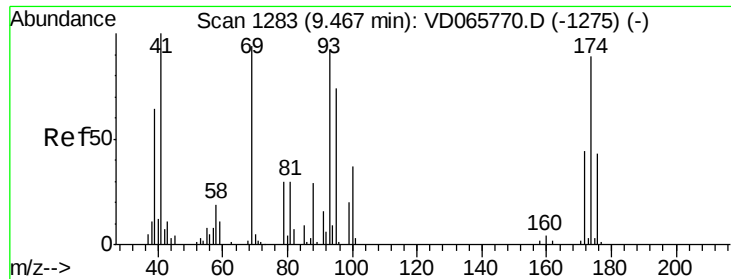
MMDadoda
6/24/2020 10:52:37 AM



#48
Methyl methacrylate
Concen: 19.566 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.6	60.9	91.3
39	64.1	48.1	72.1





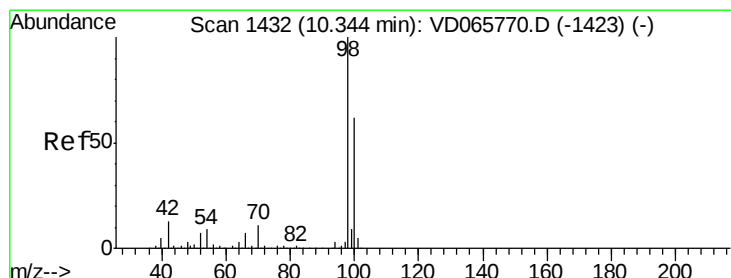
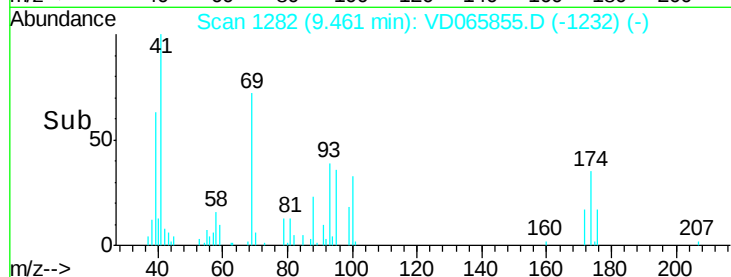
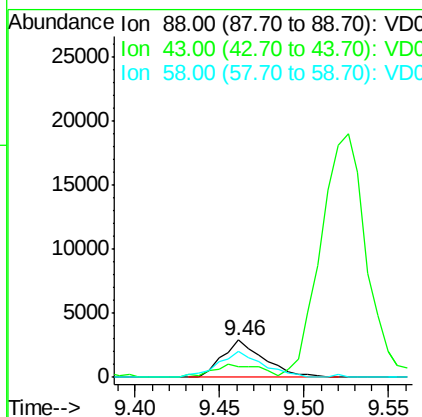
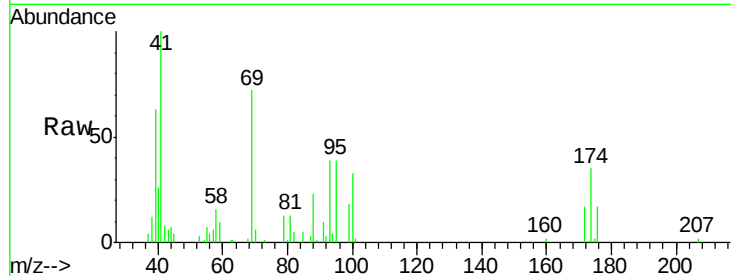
#49
1,4-Dioxane
Concen: 415.141 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	88	Resp	4946
Ion Ratio	100	Lower	Upper
88	100		
43	42.0	32.2	48.4
58	74.2	54.9	82.3

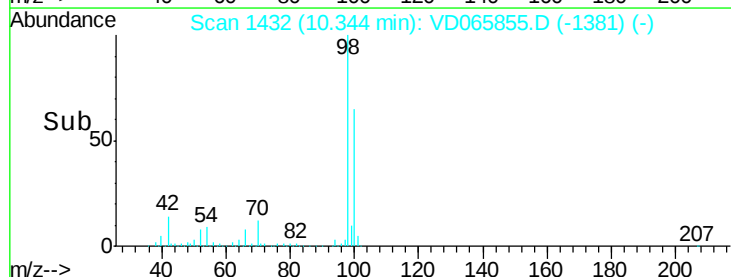
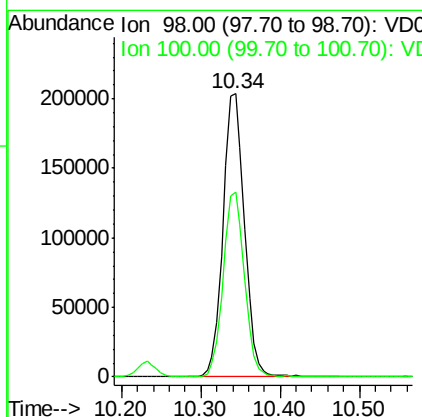
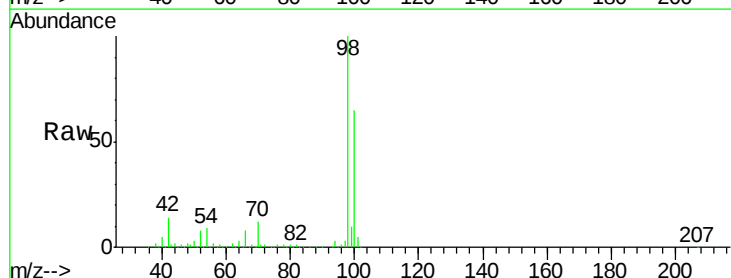
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#50
Toluene-d8
Concen: 51.583 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	98	Resp	381078
Ion Ratio	100	Lower	Upper
98	100		
100	64.5	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 107.348 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 43 Resp: 123789

Ion Ratio Lower Upper

43 100

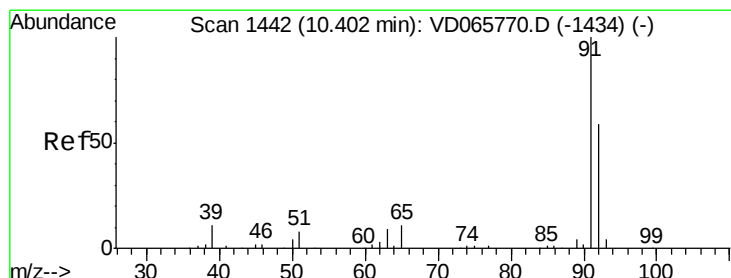
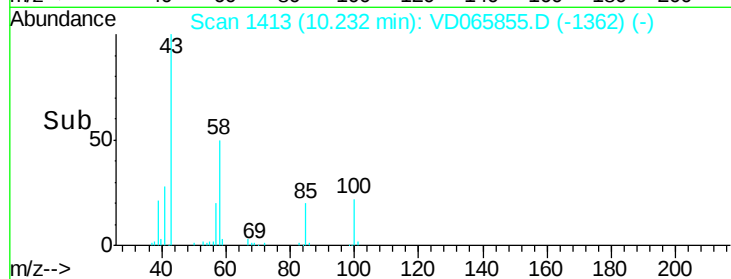
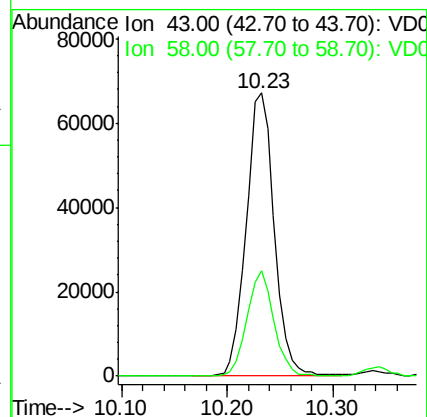
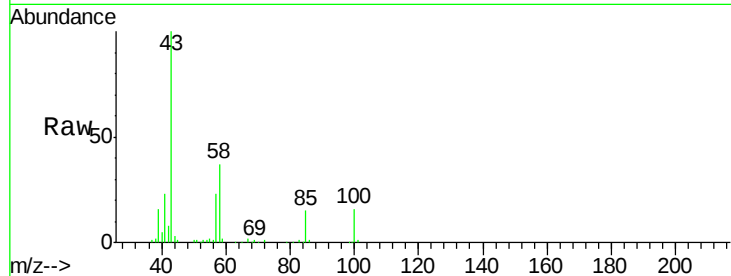
58 35.5 30.7 46.1

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#52

Toluene

Concen: 21.784 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD065855.D

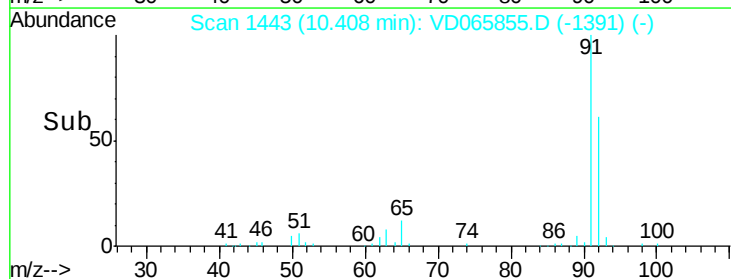
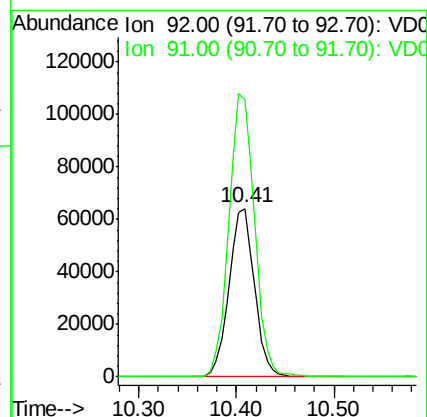
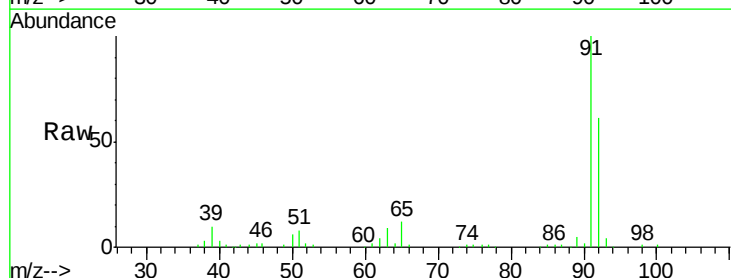
Acq: 23 Jun 2020 12:58

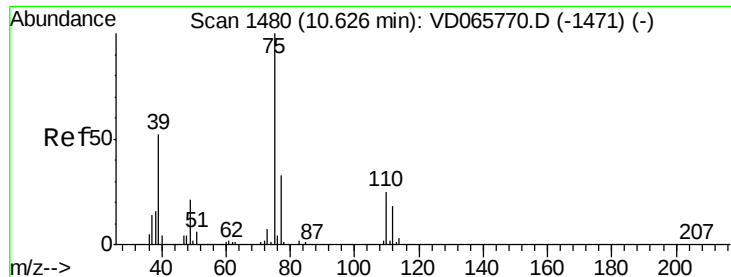
Tgt Ion: 92 Resp: 116264

Ion Ratio Lower Upper

92 100

91 169.0 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 21.449 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 75 Resp: 58258

Ion Ratio Lower Upper

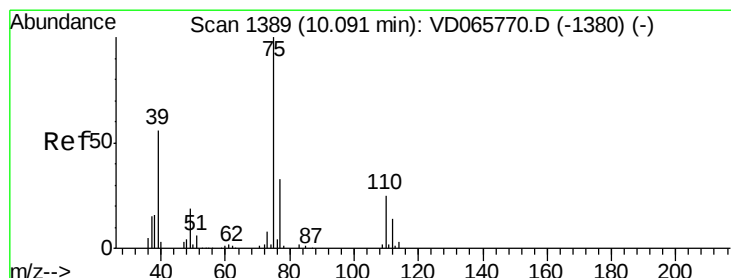
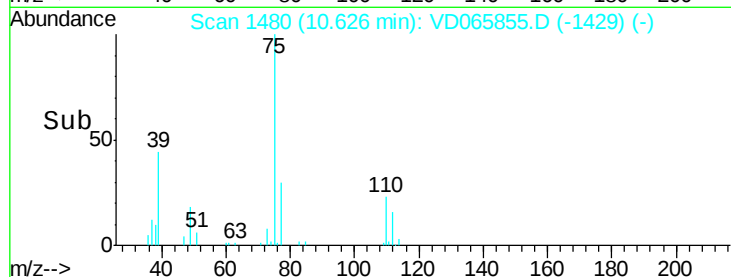
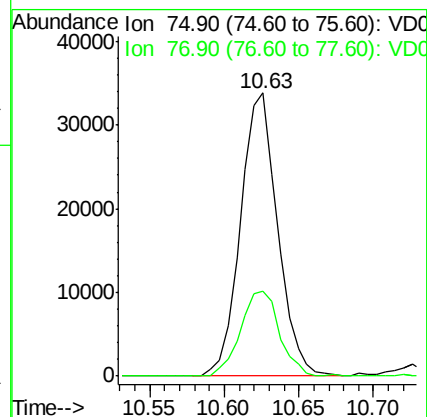
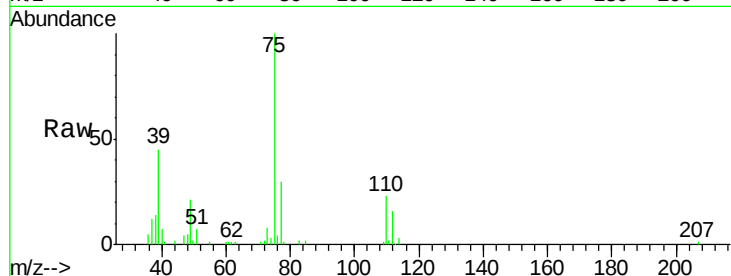
75 100

77 30.0 26.4 39.6

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 21.567 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

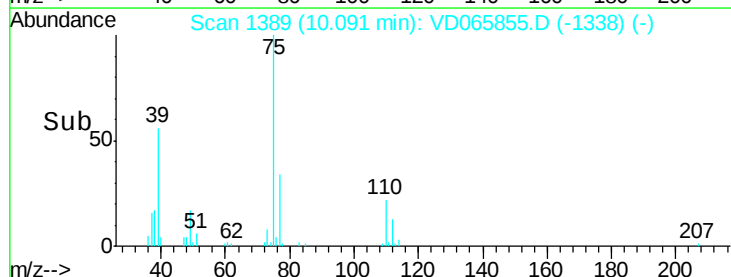
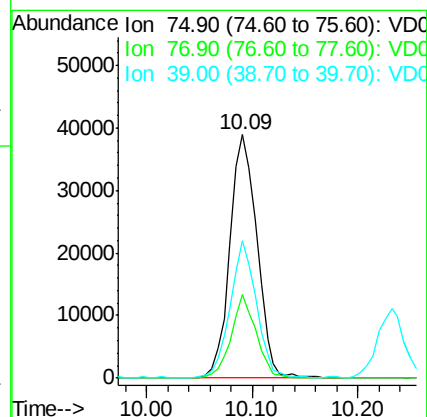
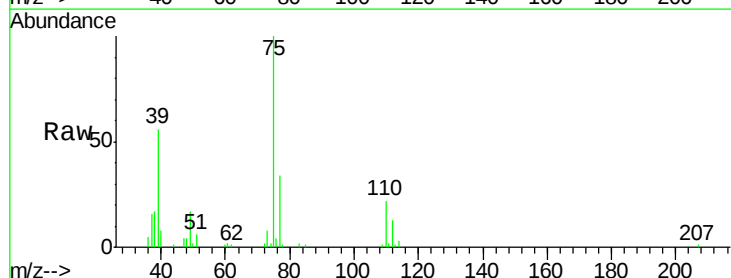
Tgt Ion: 75 Resp: 69183

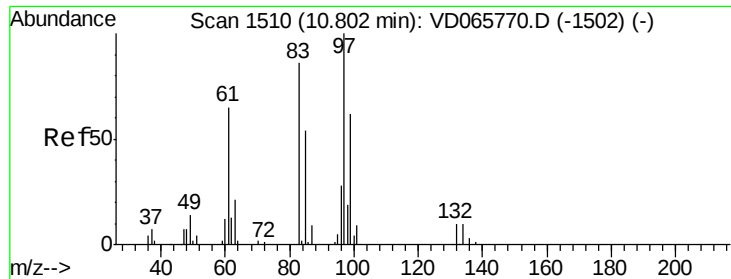
Ion Ratio Lower Upper

75 100

77 34.3 26.0 39.0

39 56.5 45.0 67.6





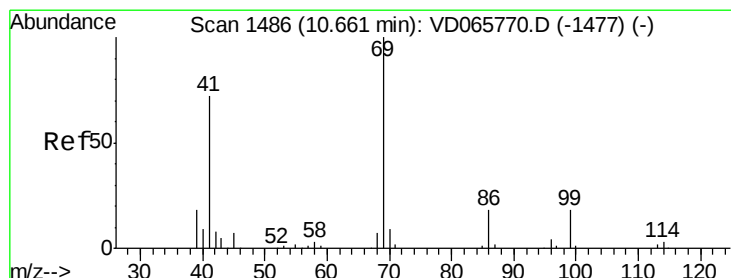
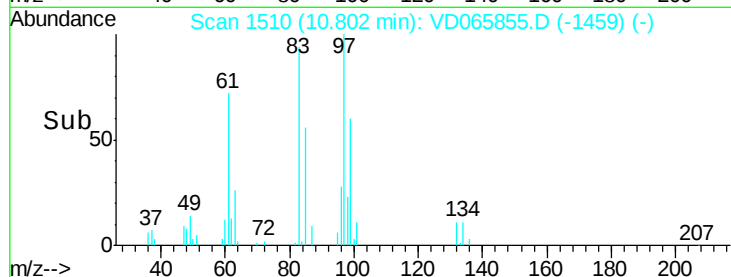
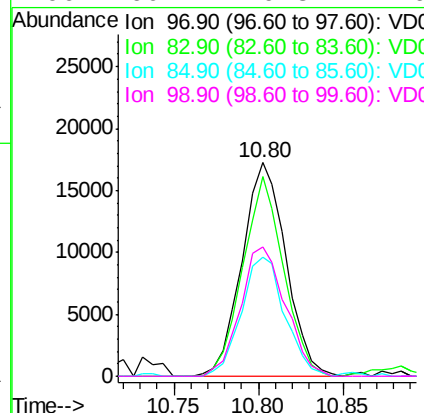
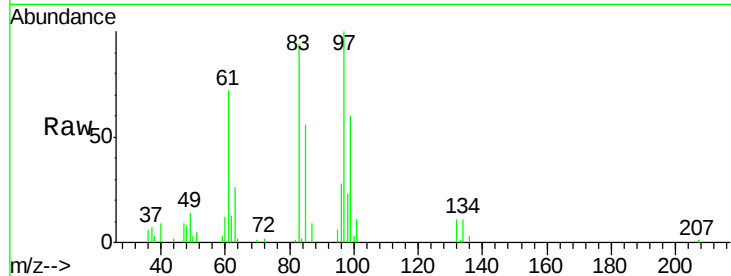
#55
 1,1,2-Trichloroethane
 Concen: 20.894 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	93.6	68.7	103.1
85	56.0	43.0	64.6
99	60.4	49.8	74.6

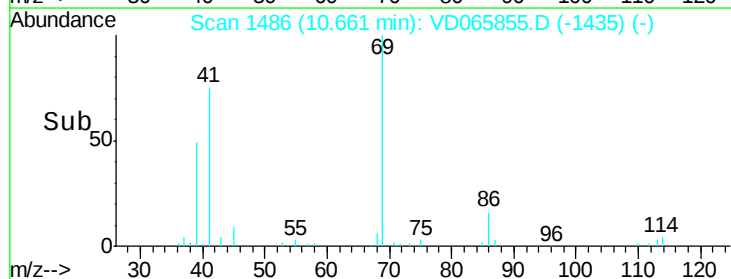
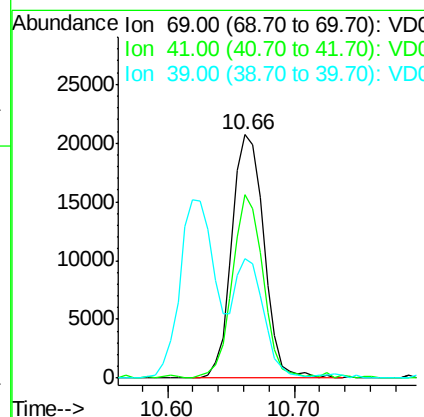
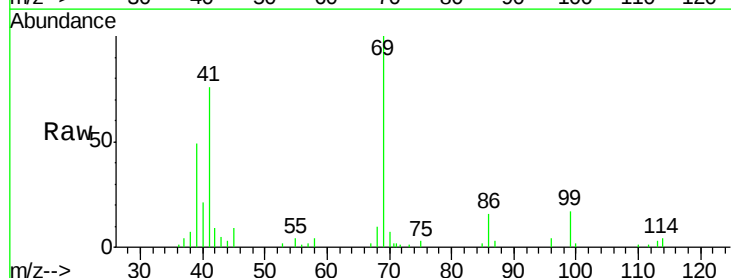
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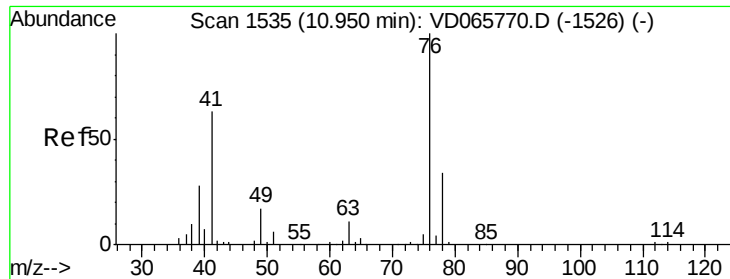
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#56
 Ethyl methacrylate
 Concen: 20.667 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.1	56.9	85.3
39	41.7	36.0	54.0





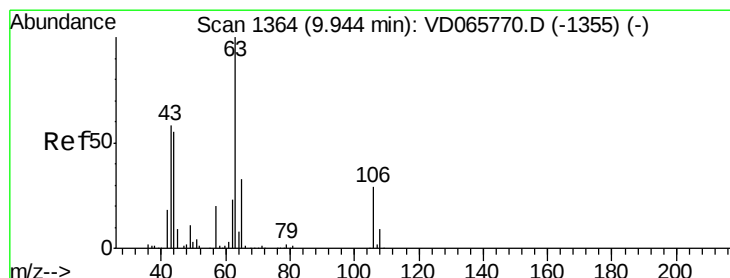
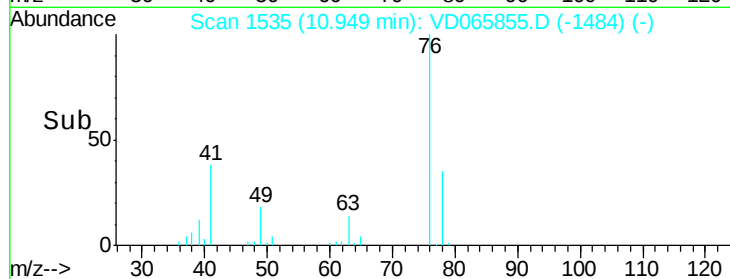
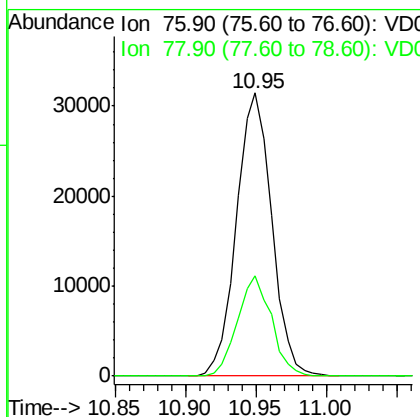
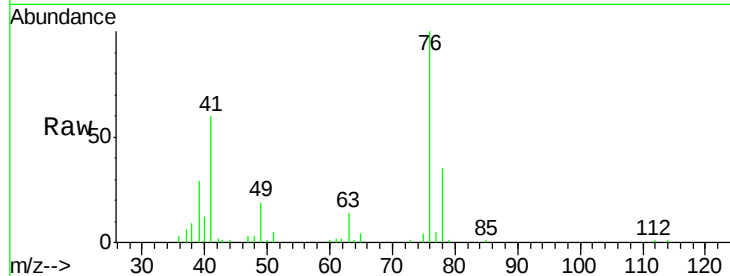
#57
 1,3-Dichloropropane
 Concen: 21.211 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.1	26.3	39.5

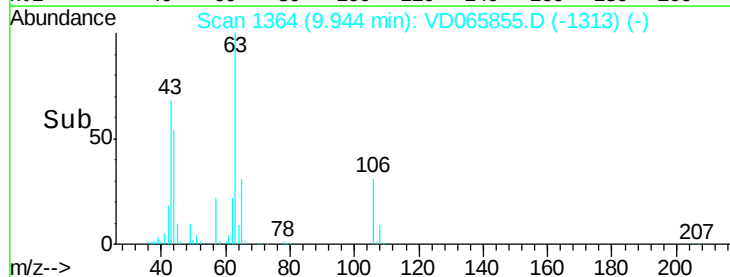
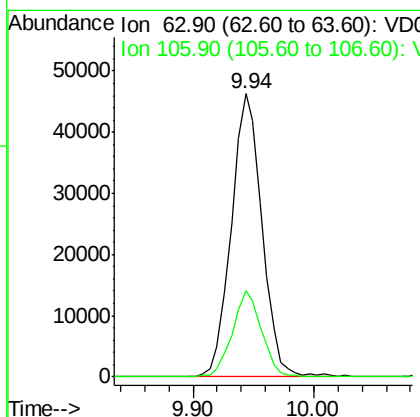
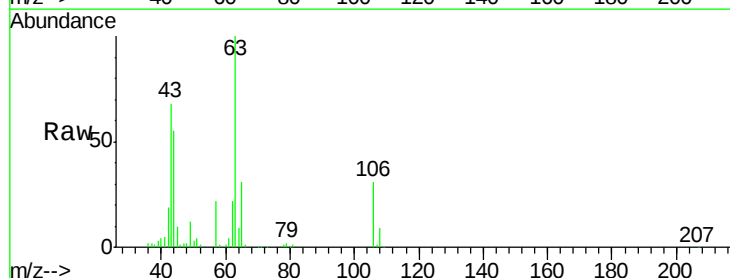
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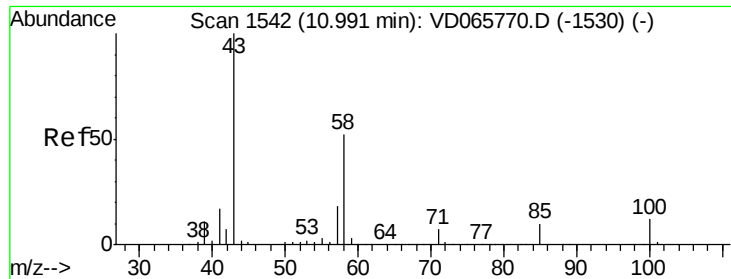
MMDadoda
 6/24/2020 10:52:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.141 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.2	34.8





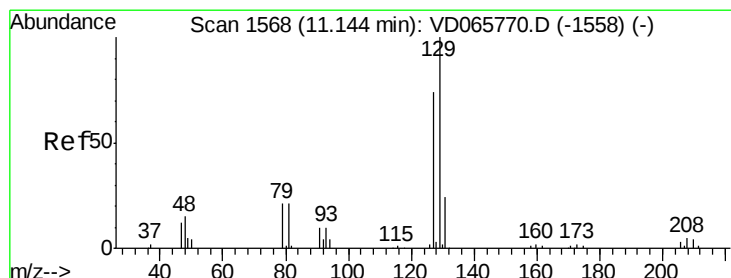
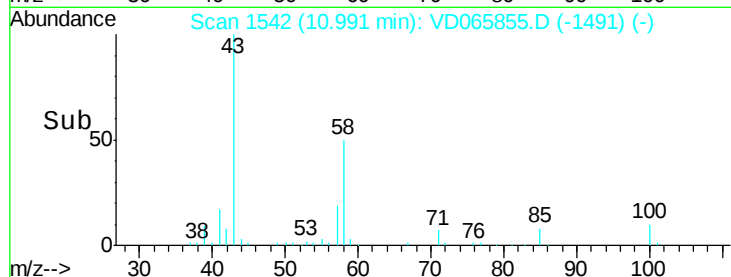
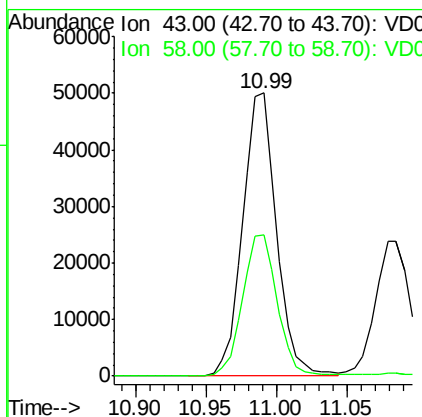
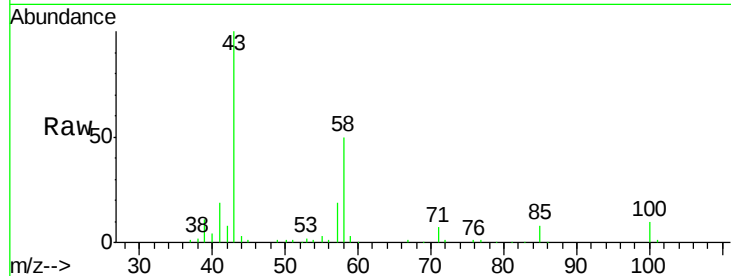
#59
2-Hexanone
Concen: 108.476 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion: 43 Resp: 84334
Ion Ratio Lower Upper
43 100
58 51.2 25.7 77.0

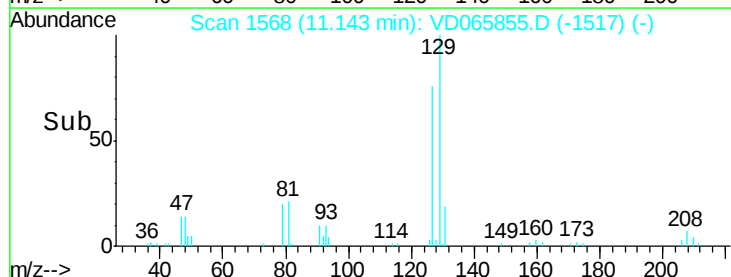
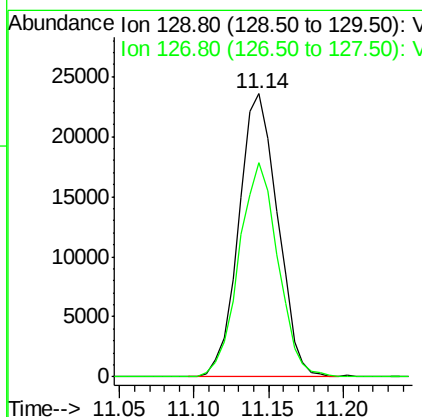
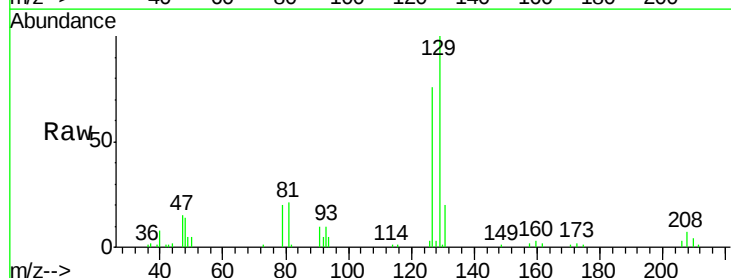
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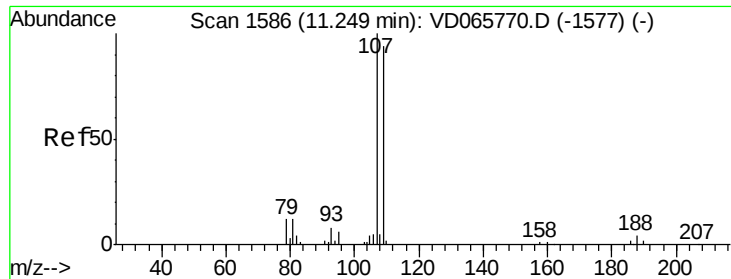
MMDadoda
6/24/2020 10:52:37 AM



#60
Dibromochloromethane
Concen: 21.035 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion: 129 Resp: 42499
Ion Ratio Lower Upper
129 100
127 76.4 38.0 113.9





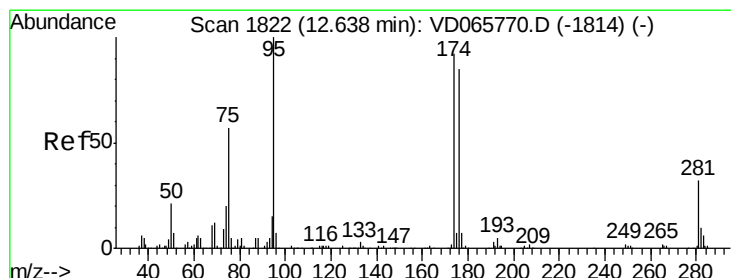
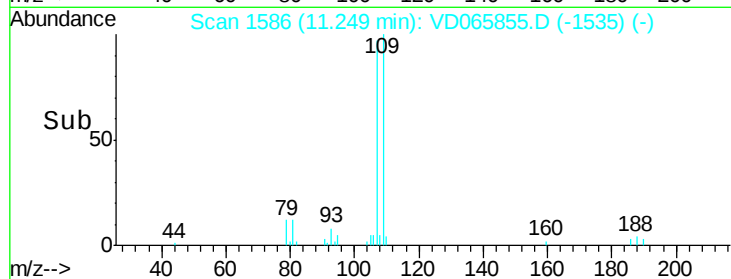
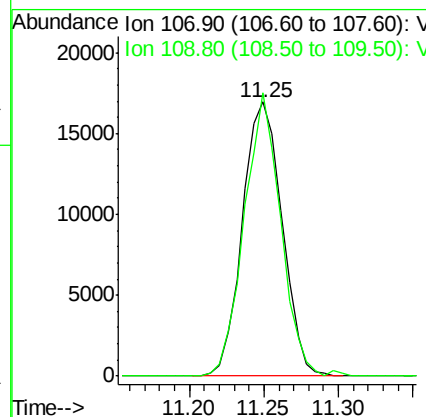
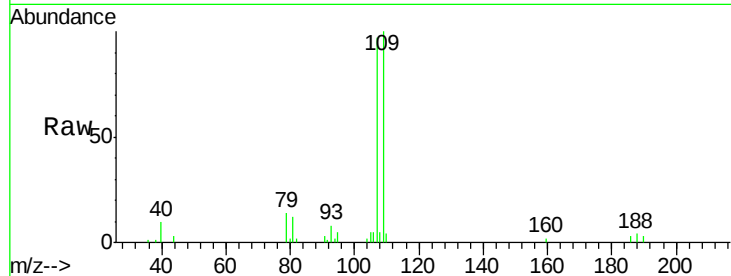
#61
1,2-Dibromoethane
Concen: 21.233 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	31209		
109	94.4	74.4	111.6	

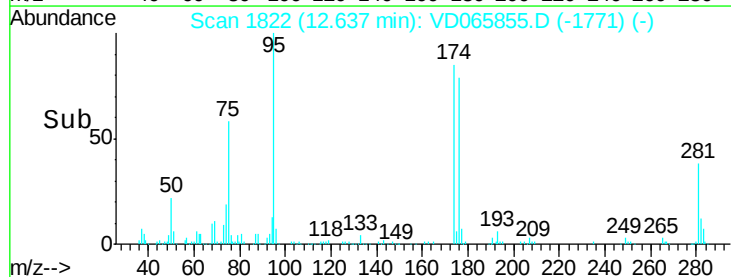
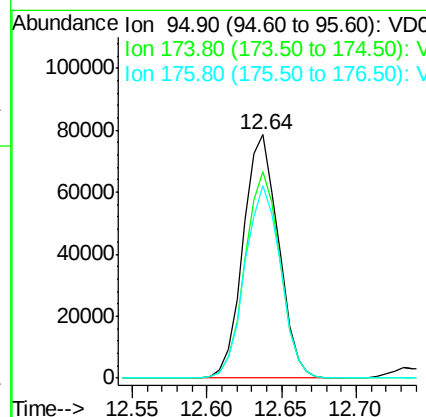
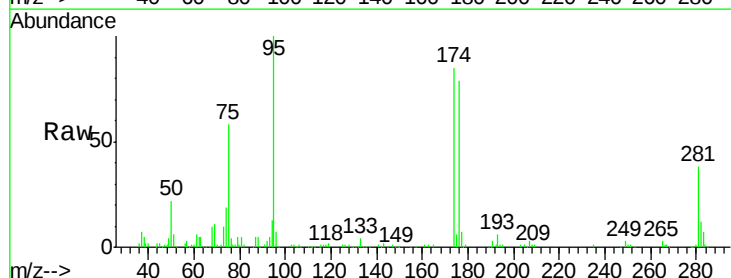
Manual Integrations
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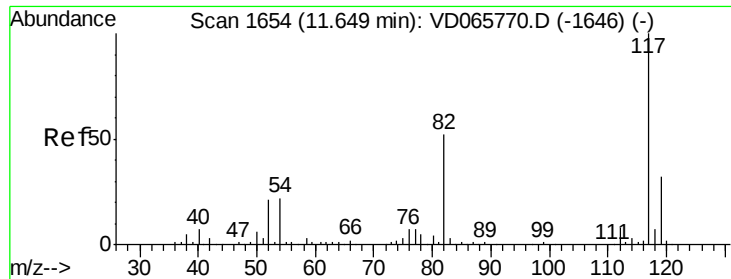
MMDadoda
6/24/2020 10:52:37 AM



#62
4-Bromofluorobenzene
Concen: 51.322 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	128582		
174	84.3	0.0	175.2	
176	80.1	0.0	163.0	





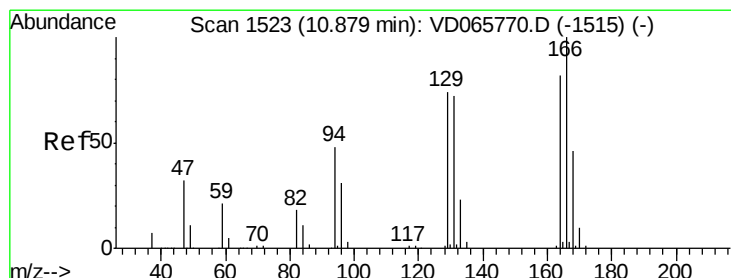
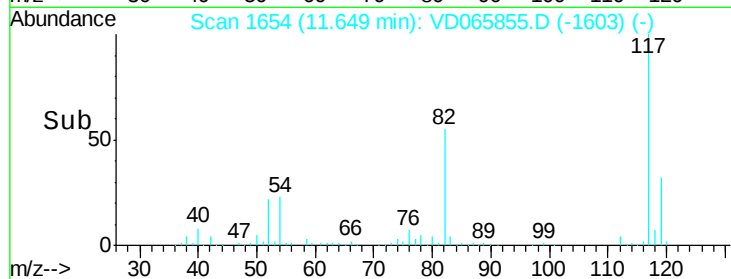
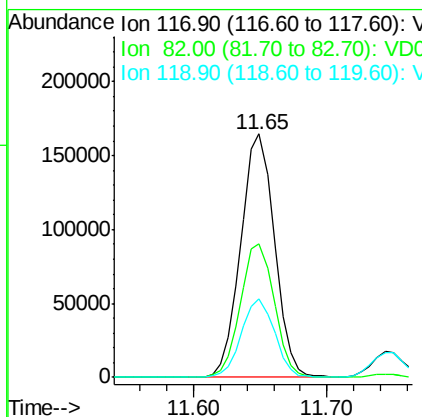
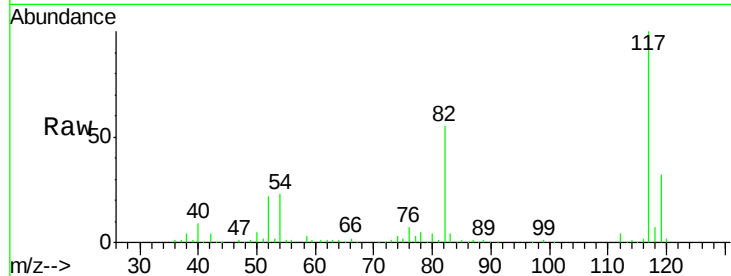
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	41.9	62.9
119	32.1	25.3	37.9

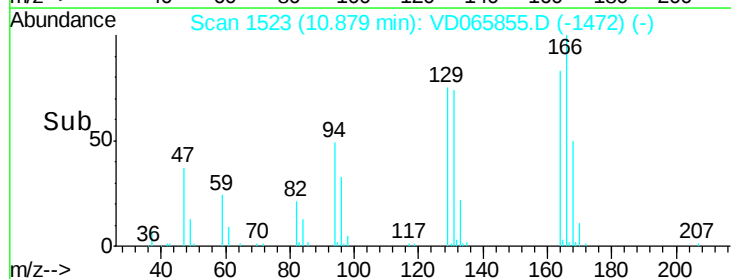
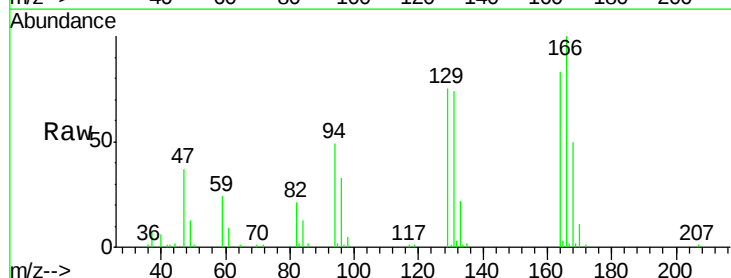
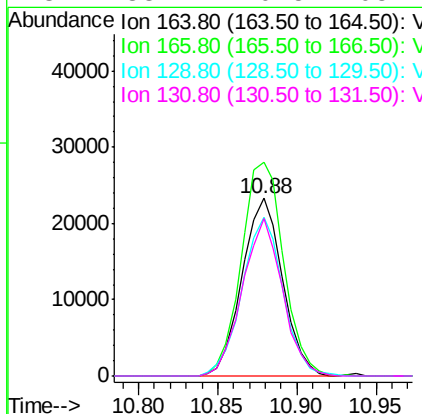
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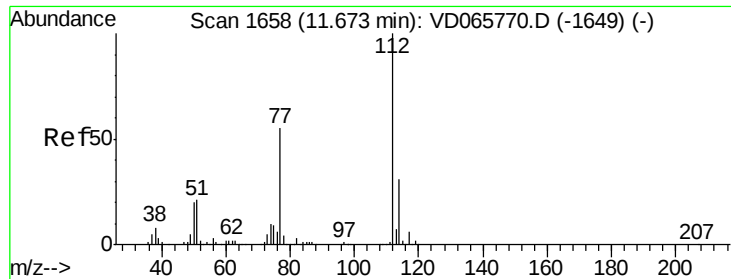
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#64
Tetrachloroethene
Concen: 21.191 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.1	98.2	147.2
129	89.6	72.3	108.5
131	88.4	70.5	105.7





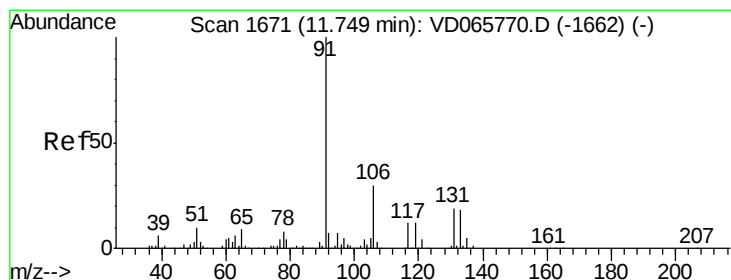
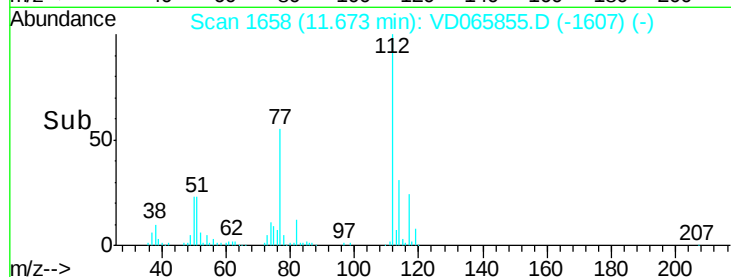
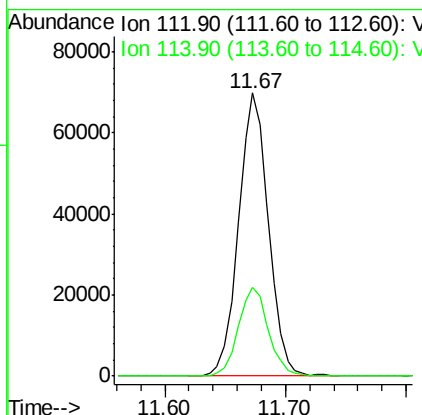
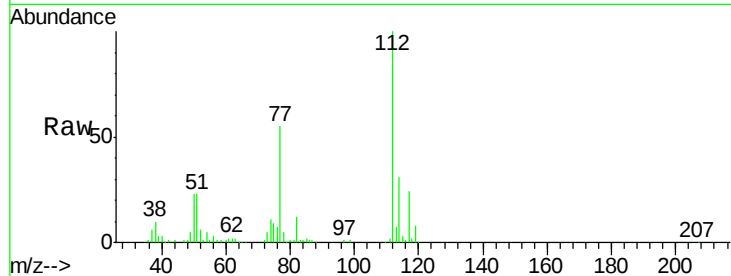
#65
Chlorobenzene
Concen: 21.289 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	24.7	37.1

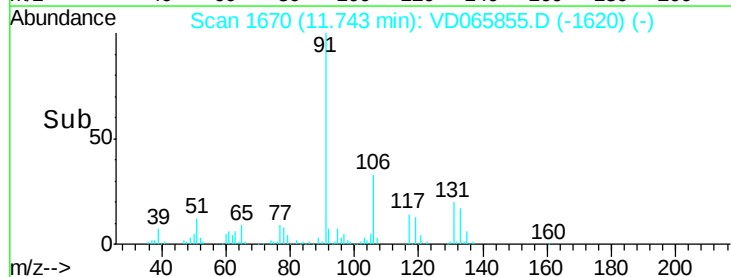
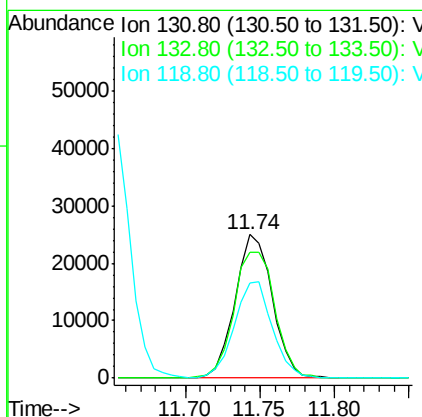
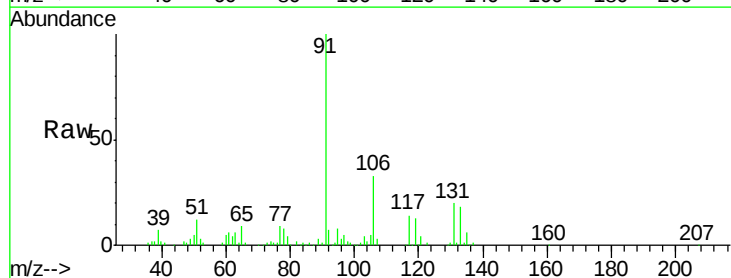
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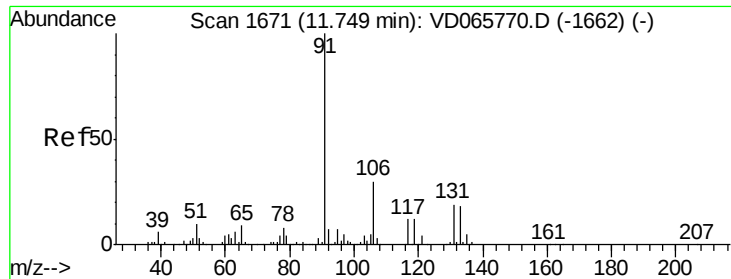
MMDadoda
6/24/2020 10:52:37 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.727 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	141.9
119	68.2	31.6	94.8





#67

Ethyl Benzene

Concen: 21.228 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 91 Resp: 213786

Ion Ratio Lower Upper

91 100

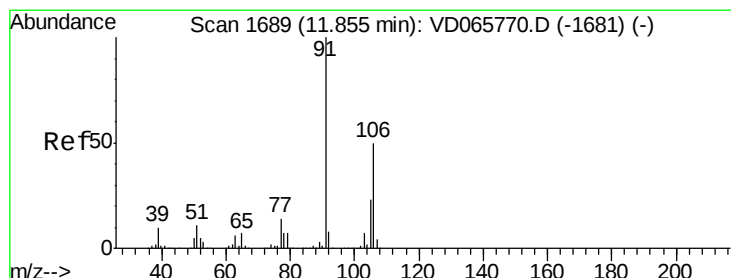
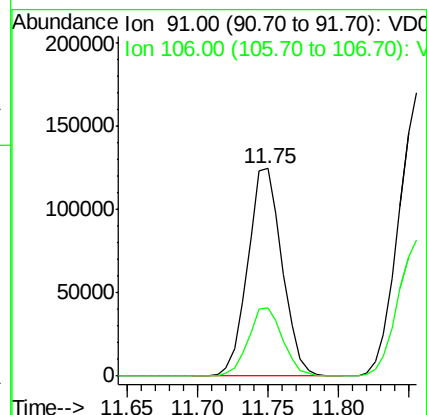
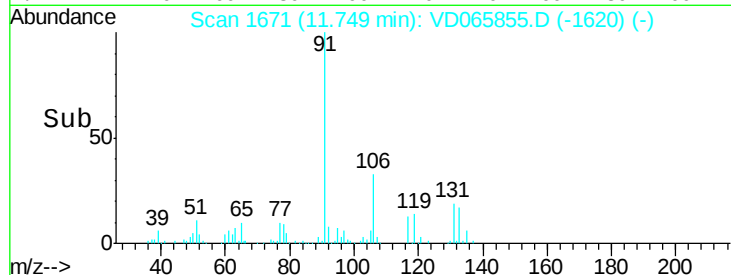
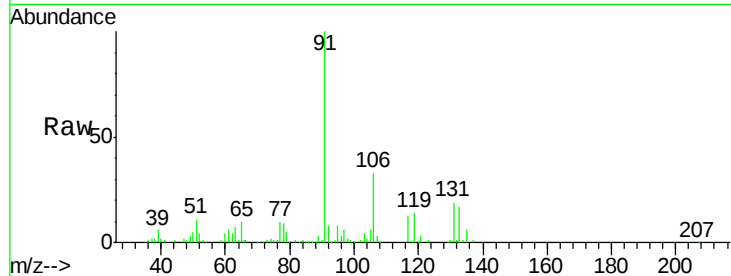
106 33.2 24.1 36.1

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#68

m/p-Xylenes

Concen: 42.457 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD065855.D

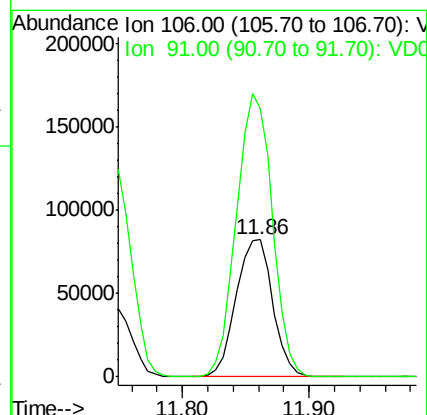
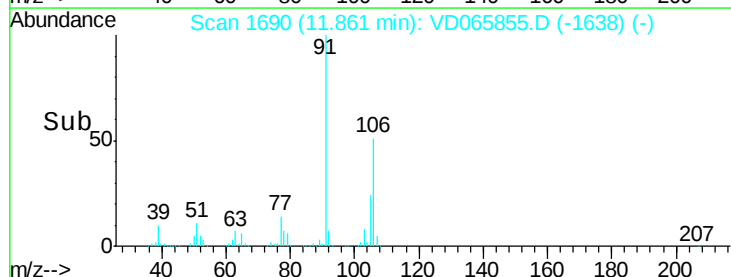
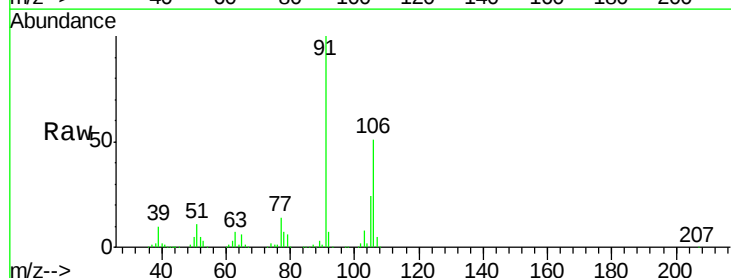
Acq: 23 Jun 2020 12:58

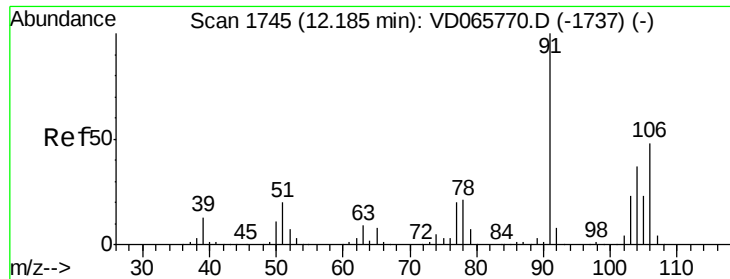
Tgt Ion: 106 Resp: 164701

Ion Ratio Lower Upper

106 100

91 203.2 159.4 239.2





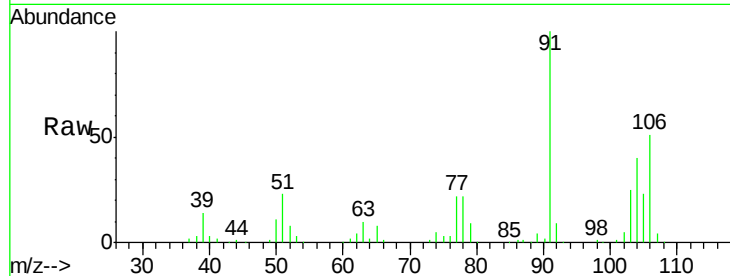
#69
o-Xylene
Concen: 21.662 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

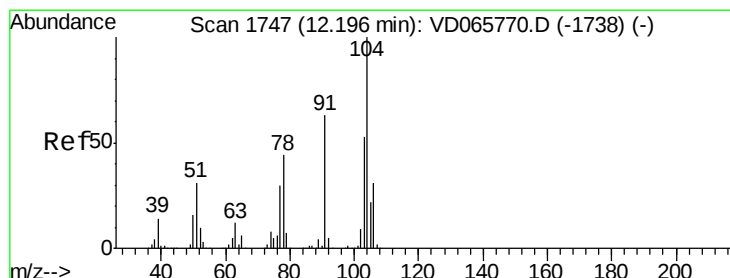
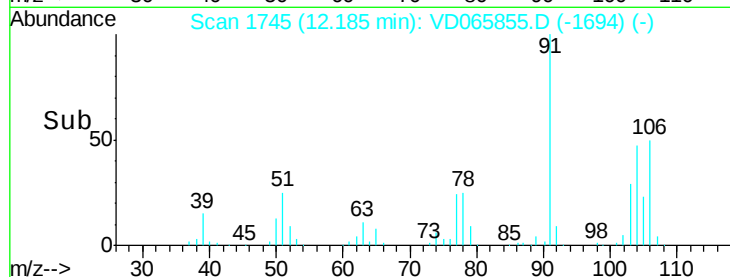
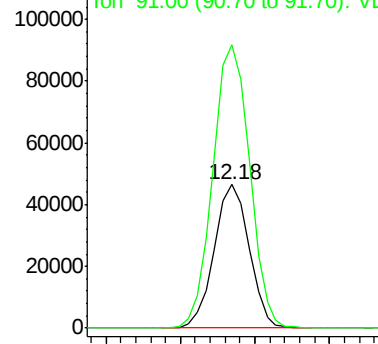
Tot Ion:106 Resp: 75768
Ion Ratio Lower Upper
106 100
91 206.9 105.3 315.8

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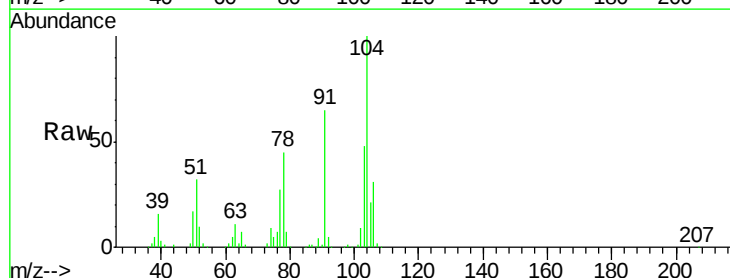


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

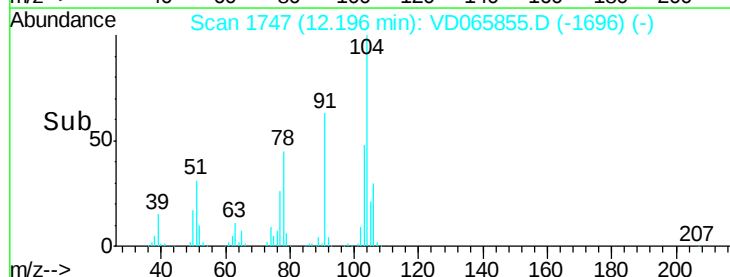
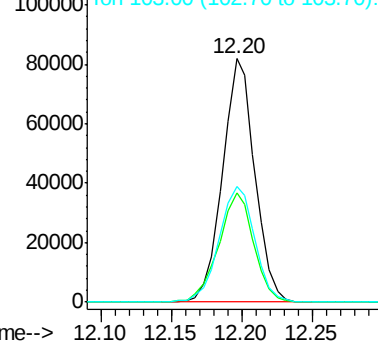


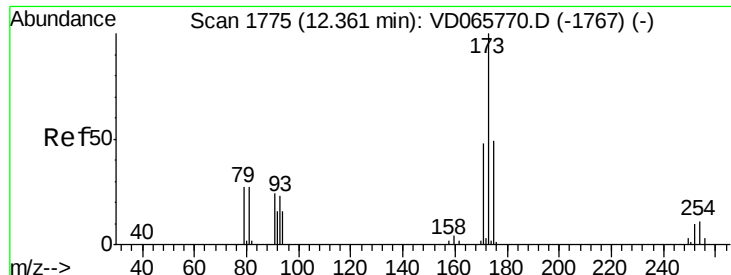
#70
Styrene
Concen: 21.699 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion:104 Resp: 131384
Ion Ratio Lower Upper
104 100
78 48.4 38.6 58.0
103 52.4 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





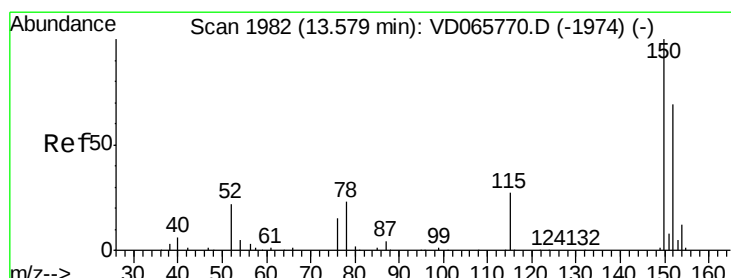
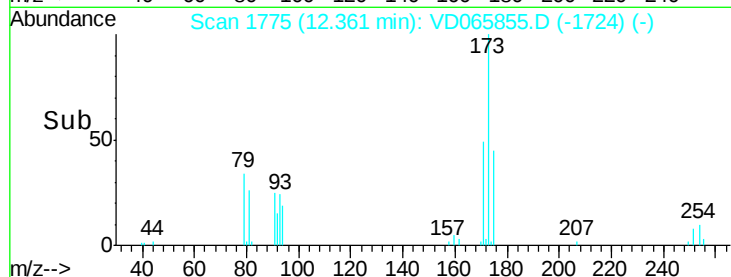
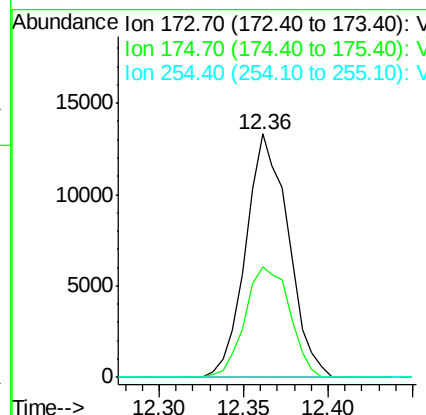
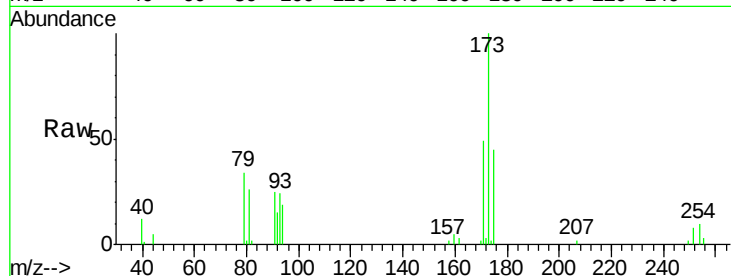
#71
Bromoform
Concen: 20.155 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.8	74.4
254	0.0	0.0	0.0

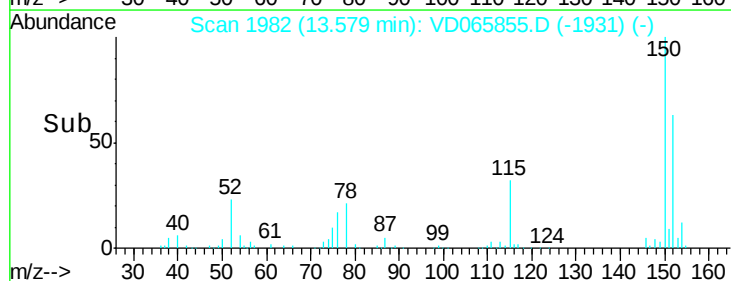
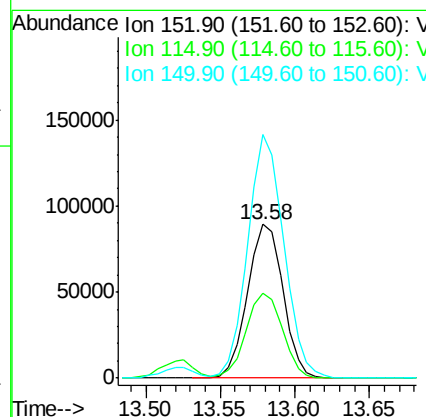
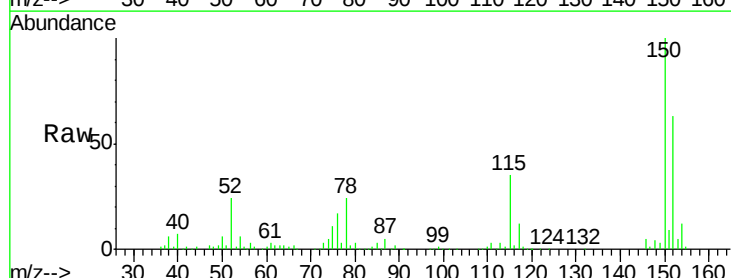
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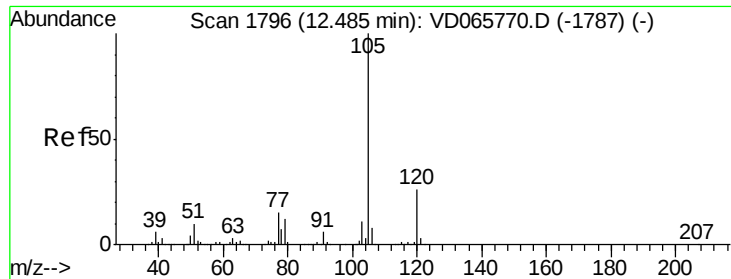
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.7	86.1
150	161.6	0.0	348.0





#73

Isopropylbenzene

Concen: 21.119 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 105 Resp: 208070

Ion Ratio Lower Upper

105 100

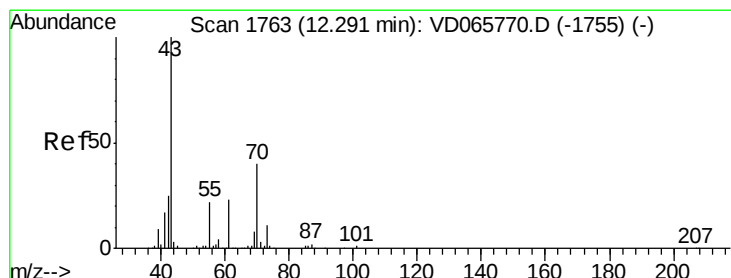
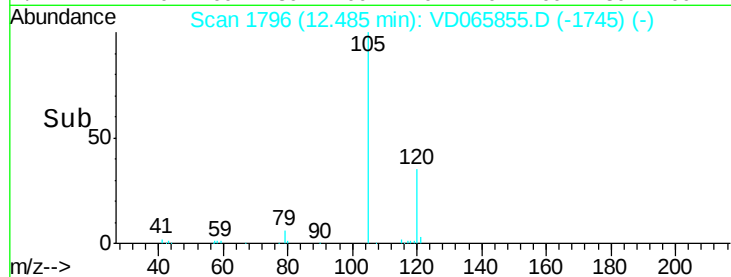
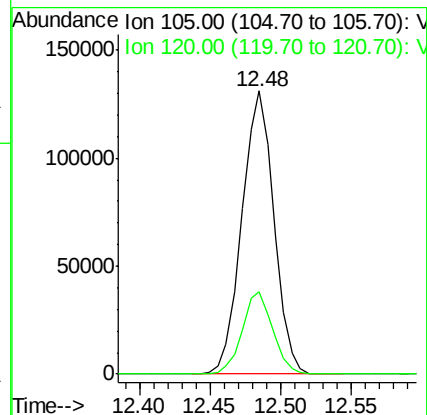
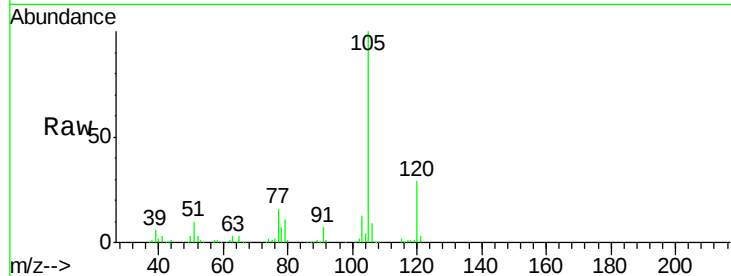
120 27.7 13.5 40.5

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#74

N-ethyl acetate

Concen: 20.758 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Tgt Ion: 43 Resp: 45500

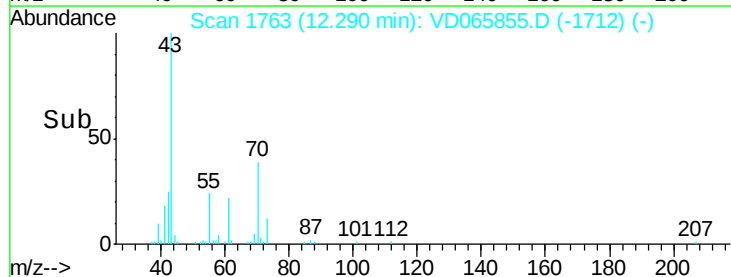
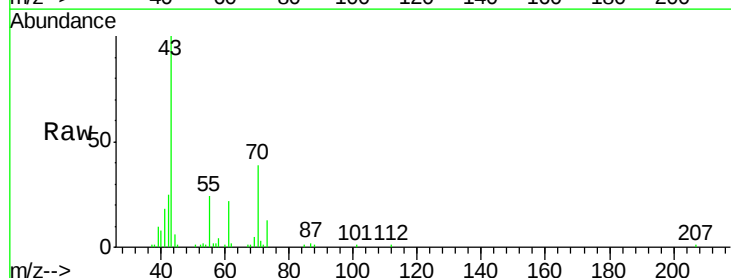
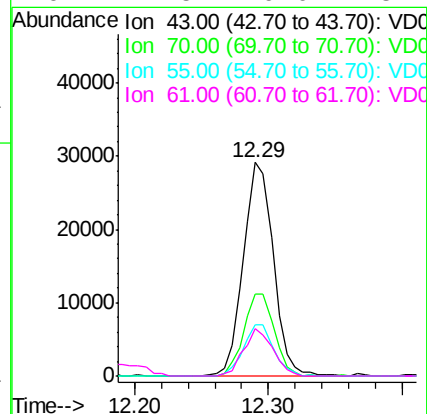
Ion Ratio Lower Upper

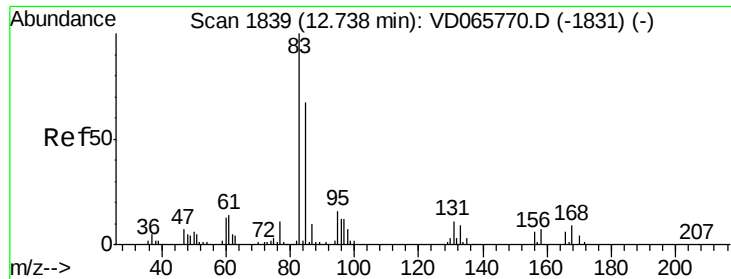
43 100

70 38.8 32.3 48.5

55 24.1 19.0 28.4

61 21.5 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.801 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

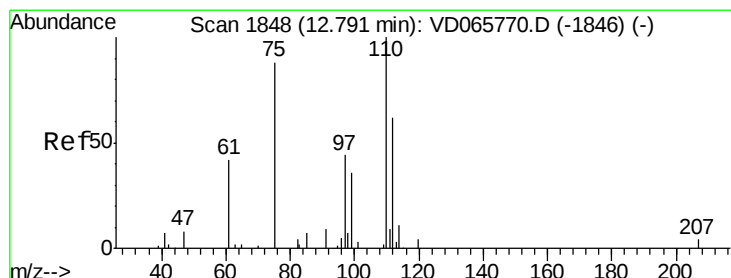
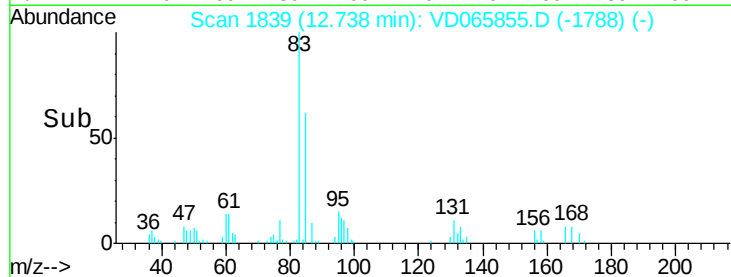
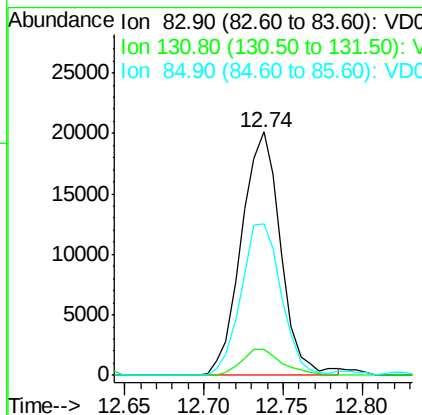
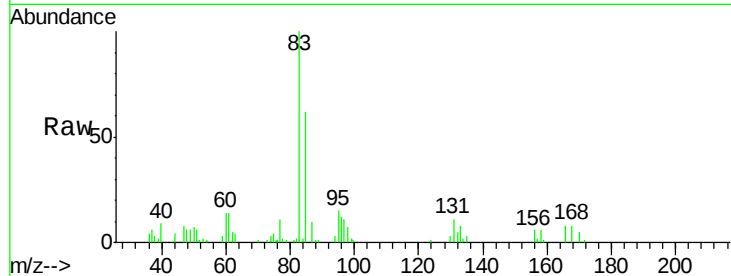
ClientSampleId :

VD0623SBS01

Tot Ion:	83	Resp:	34610
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	63.9	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 22.449 ug/l m

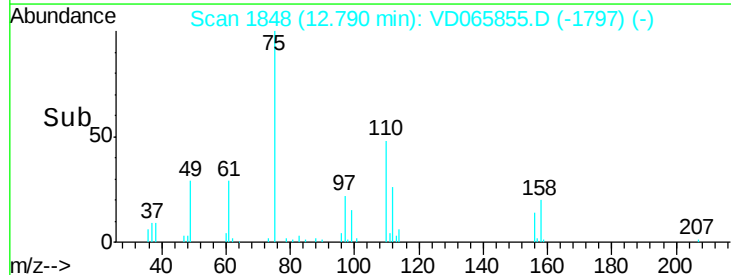
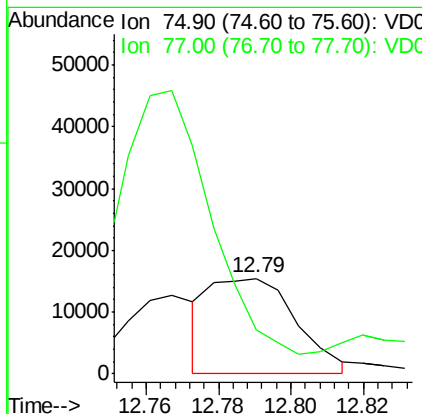
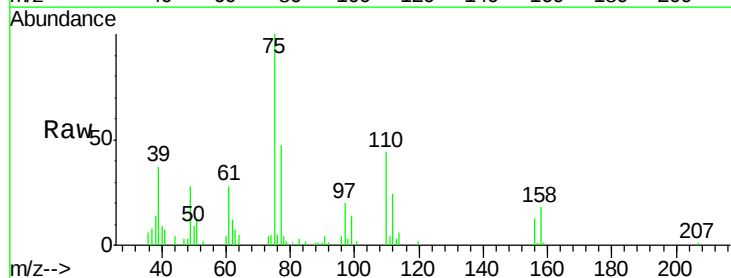
RT: 12.79 min Scan# 1848

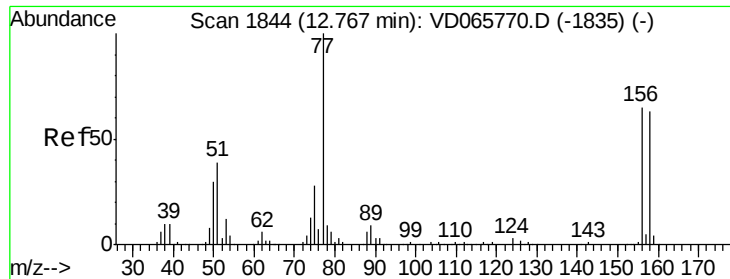
Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Tgt Ion:	75	Resp:	25655
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.902 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

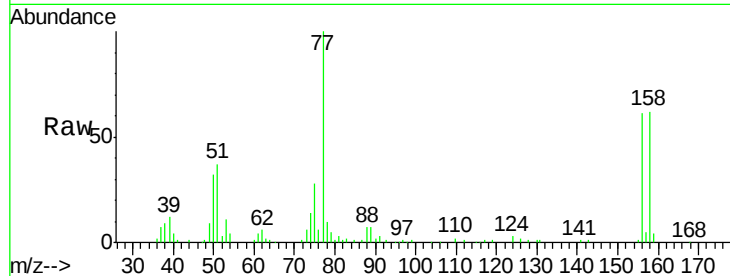
ClientSampleId :

VD0623SBS01

Tot Ion:	156	Resp:	48722
Ion	Ratio	Lower	Upper
156	100		
77	178.0	87.3	261.8
158	97.0	48.0	144.0

Manual Integrations
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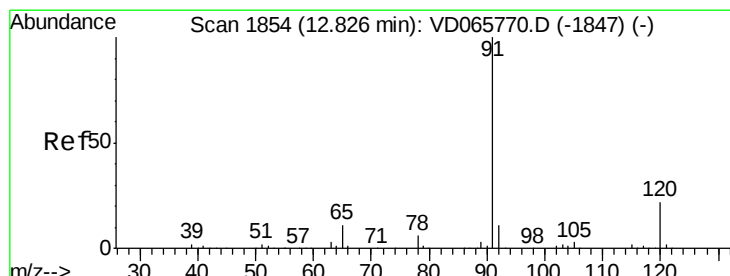
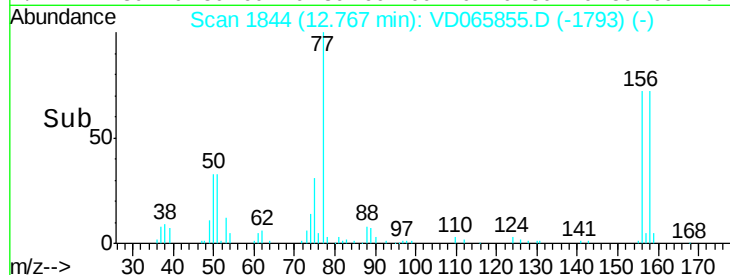
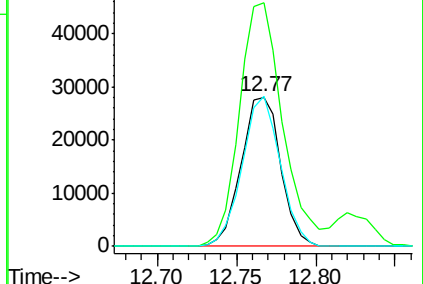
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.406 ug/l

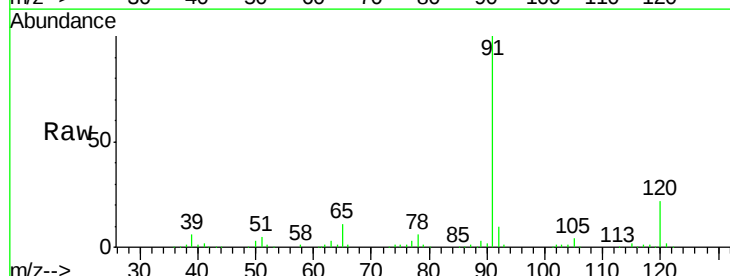
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065855.D

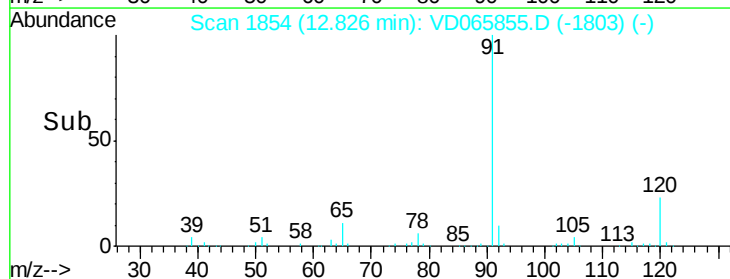
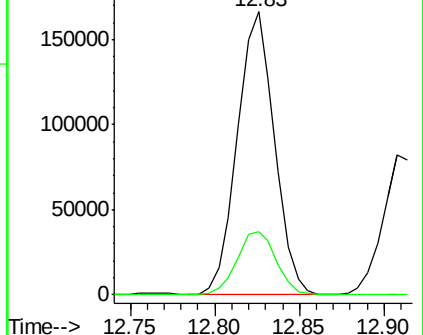
Acq: 23 Jun 2020 12:58

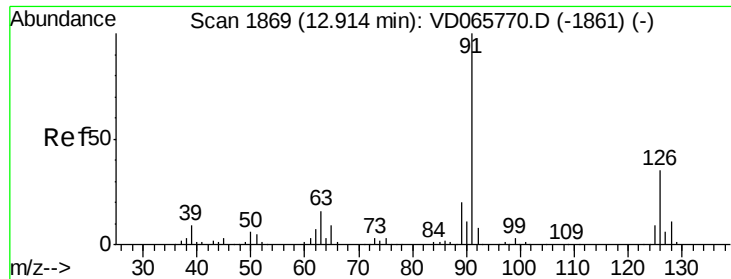
Tgt Ion:	91	Resp:	253862
Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.419 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBS01

Tot Ion: 91 Resp: 139345

Ion Ratio Lower Upper

91 100

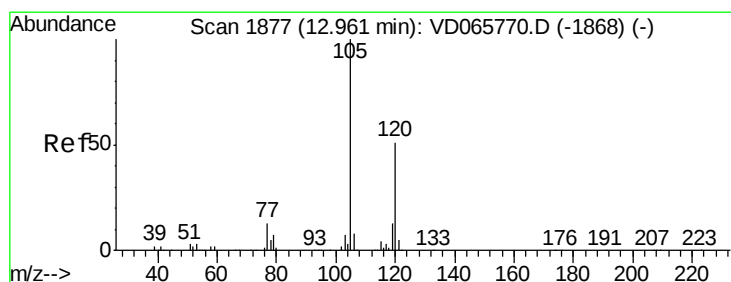
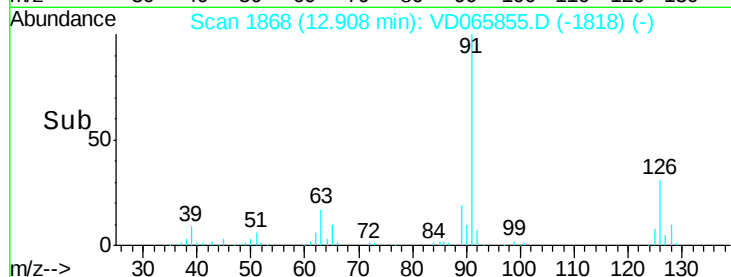
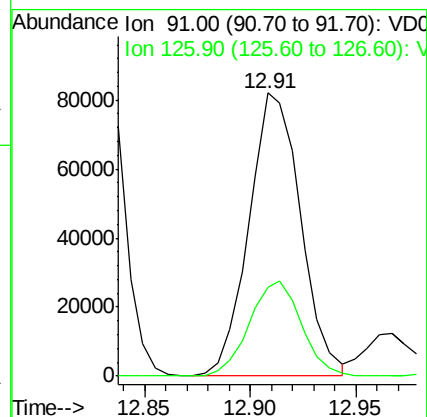
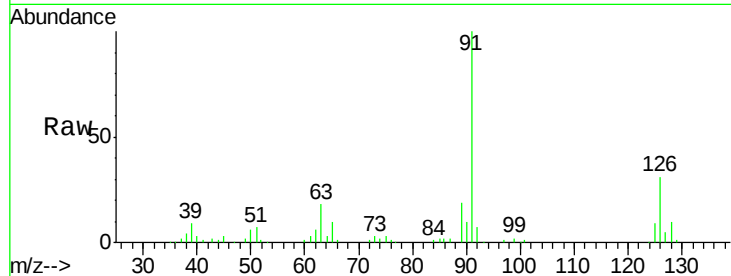
126 33.8 17.5 52.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.280 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD065855.D

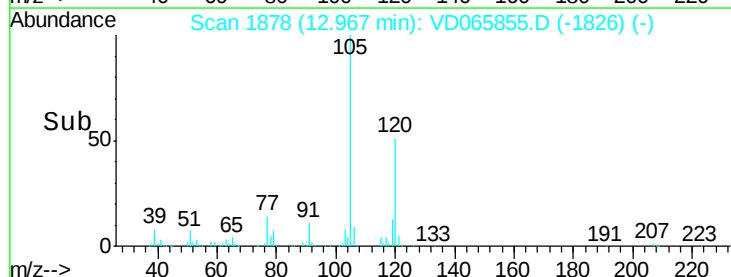
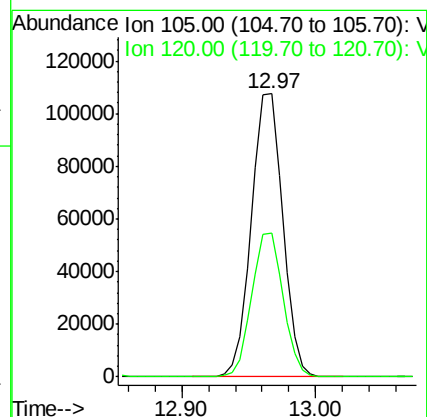
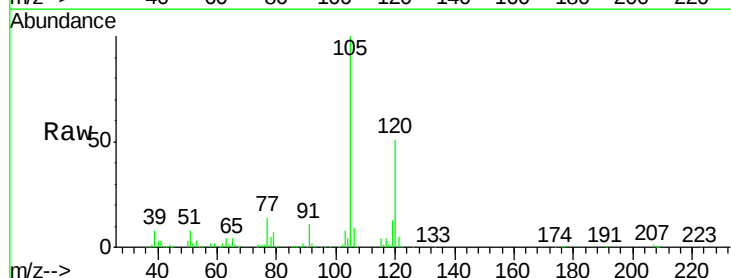
Acq: 23 Jun 2020 12:58

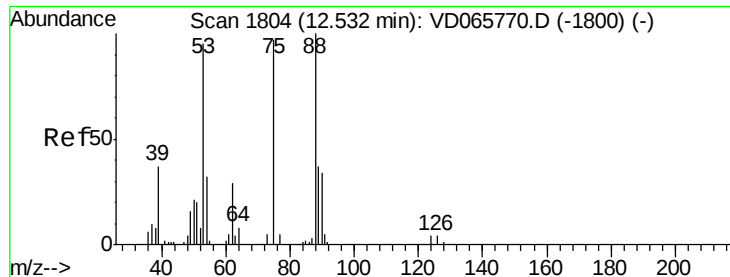
Tgt Ion: 105 Resp: 174470

Ion Ratio Lower Upper

105 100

120 50.8 25.4 76.0





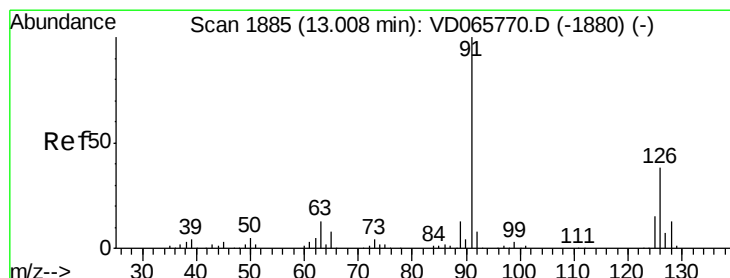
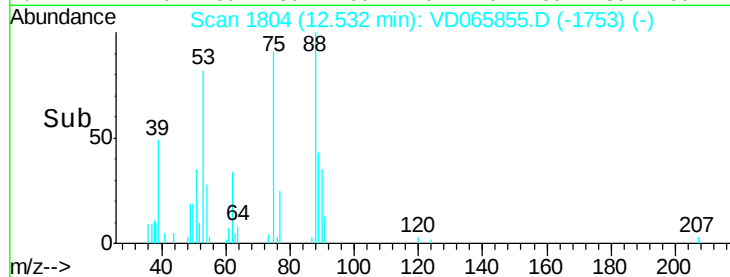
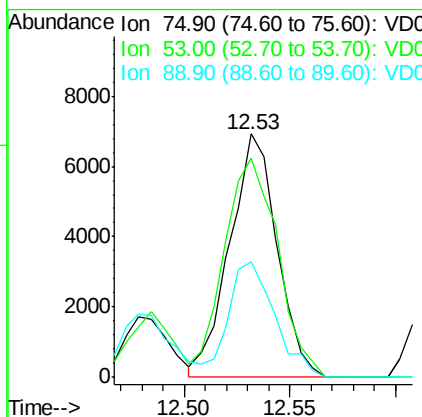
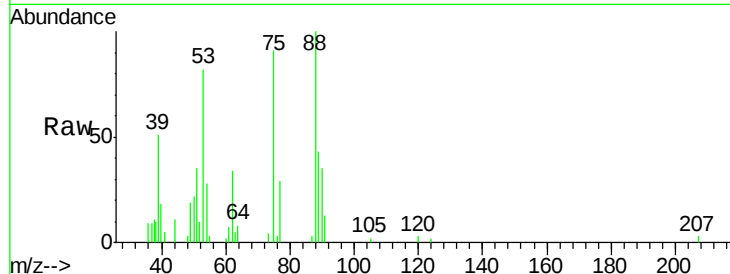
#81
trans-1,4-Dichloro-2-butene
Concen: 20.368 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.7	82.6	123.8
89	46.1	35.9	53.9

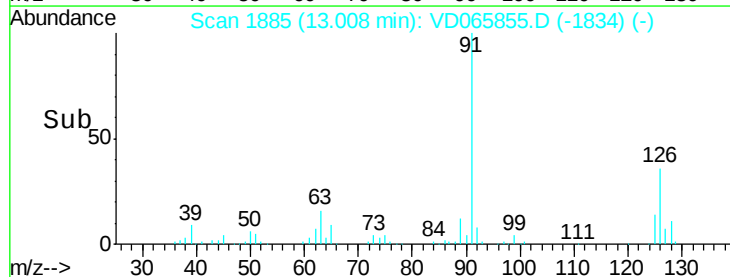
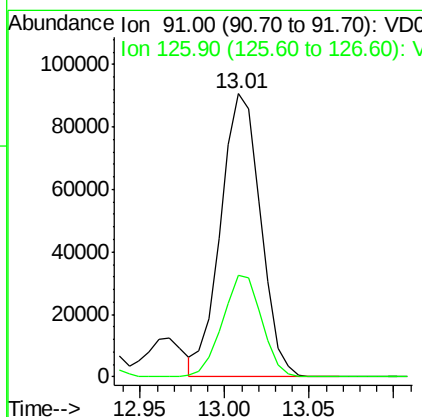
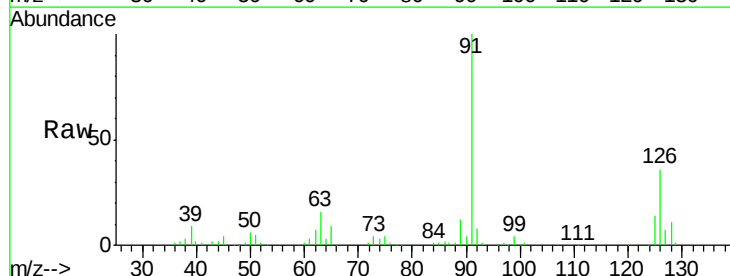
Manual Integrations
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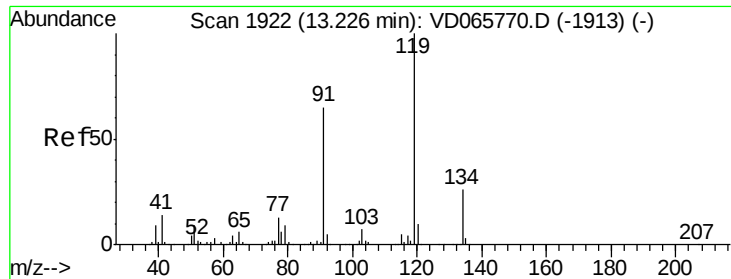
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#82
4-Chlorotoluene
Concen: 21.365 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.6	52.8





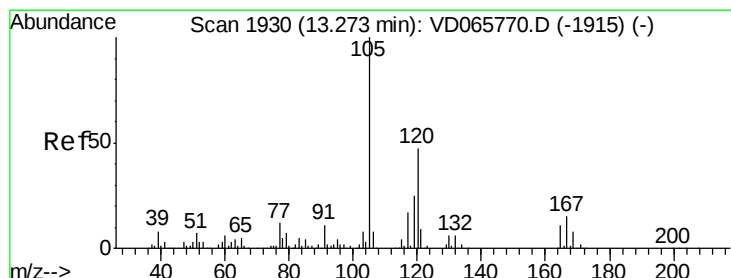
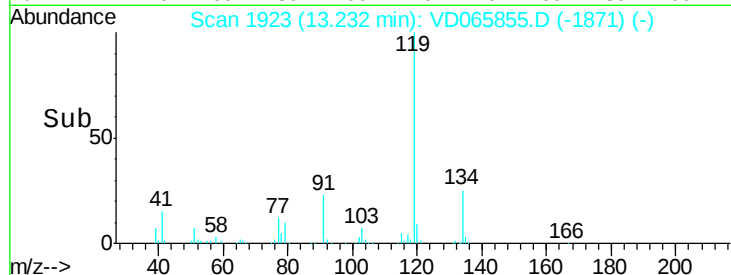
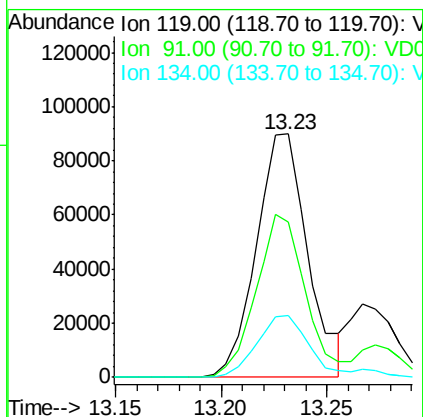
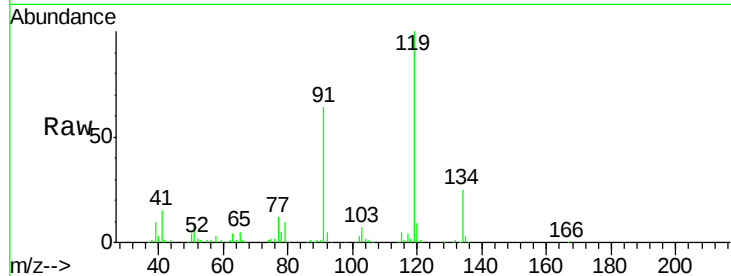
#83
tert-Butylbenzene
Concen: 21.411 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	152317		
91	65.0	32.0	96.0	
134	25.8	13.8	41.4	

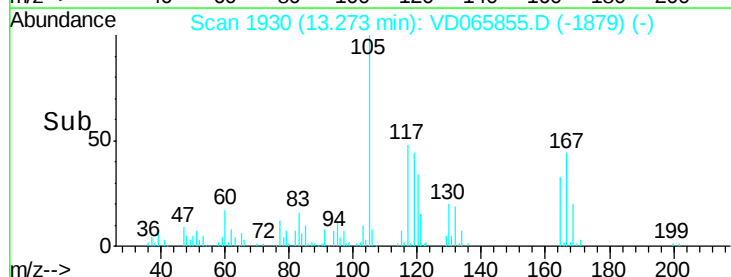
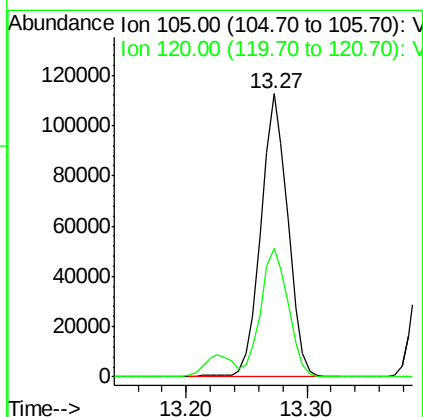
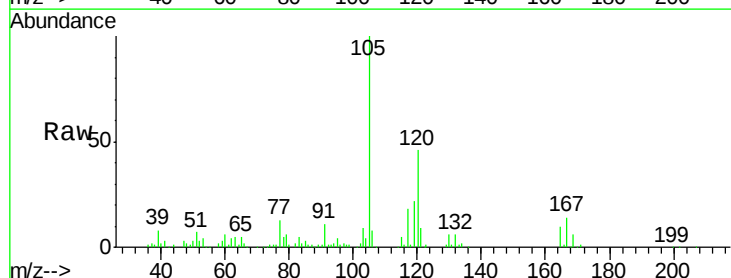
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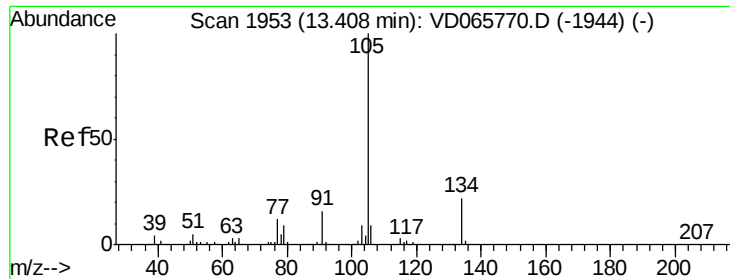
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#84
1,2,4-Trimethylbenzene
Concen: 21.162 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	173662		
120	46.6	23.3	69.8	





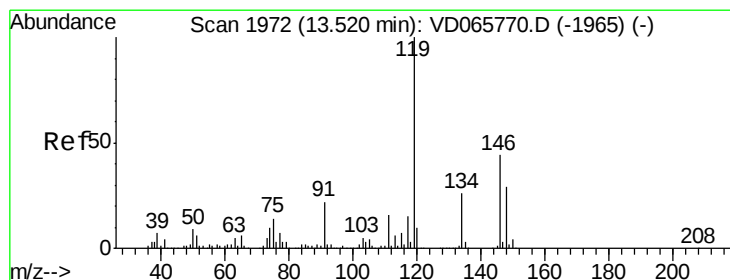
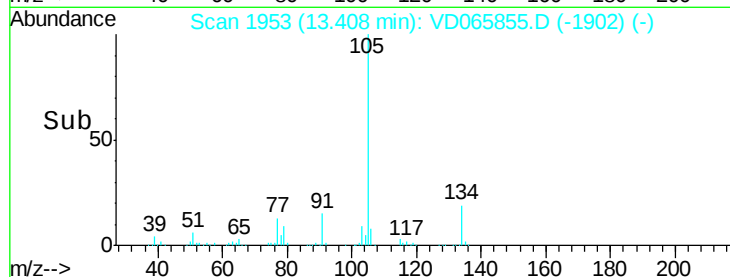
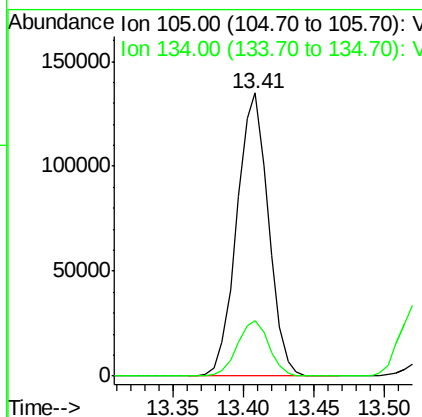
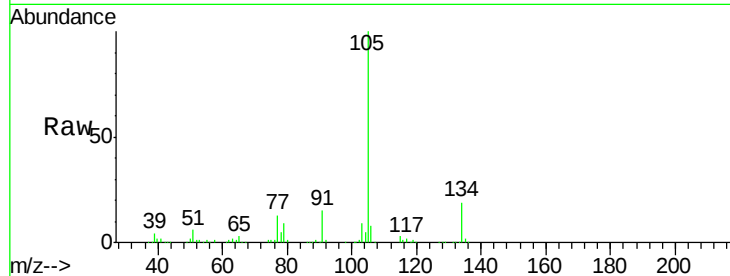
#85
 sec-Butylbenzene
 Concen: 21.257 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.4	31.4

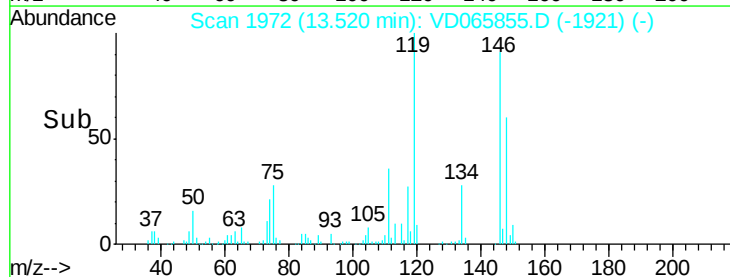
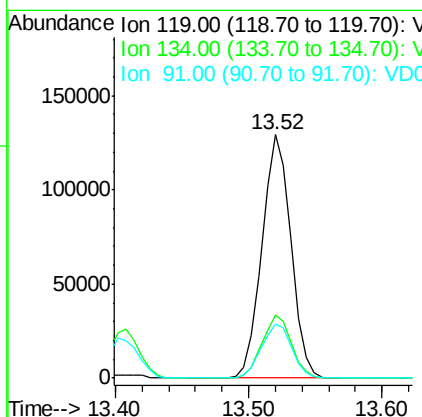
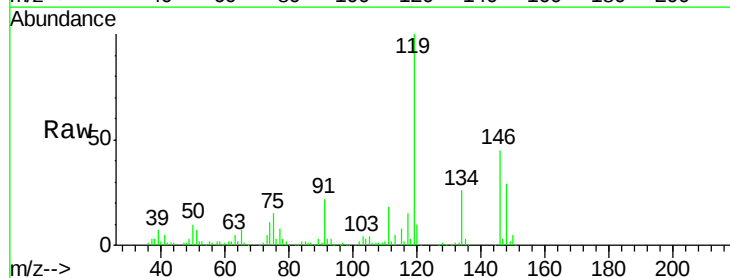
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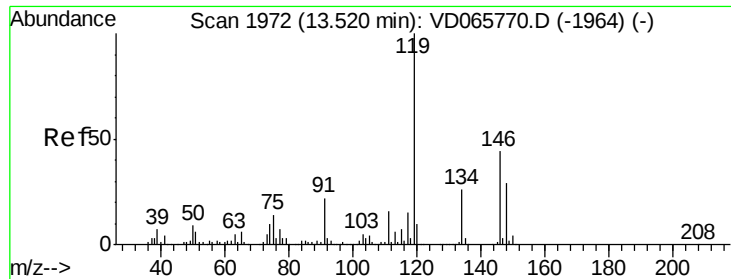
MMDadoda
 6/24/2020 10:52:37 AM



#86
 p-Isopropyltoluene
 Concen: 21.342 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065855.D
 Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.3	39.9
91	23.5	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 20.627 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

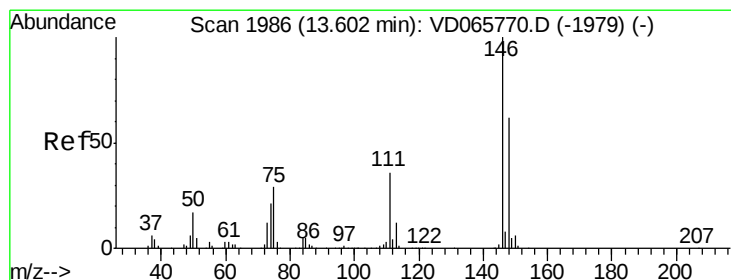
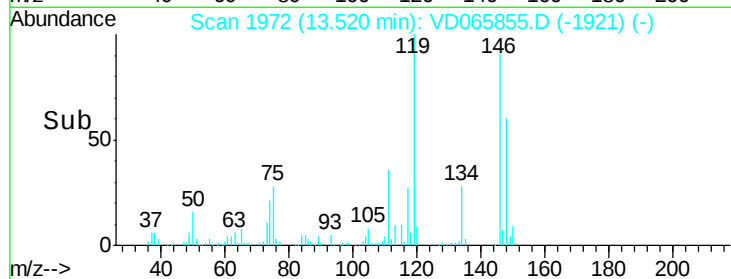
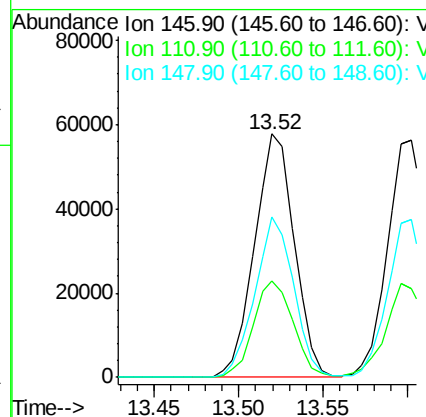
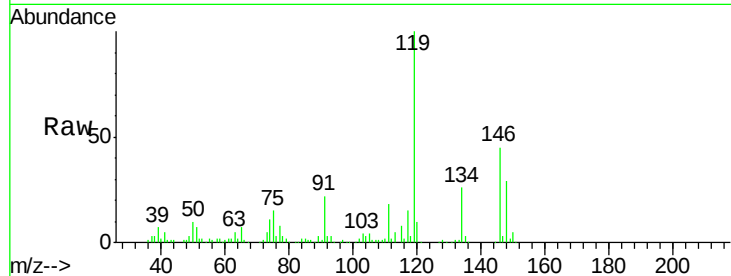
ClientSampleId :

VD0623SBS01

Tot Ion:	146	Resp:	94805
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.2	57.6
148	64.1	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 20.590 ug/l

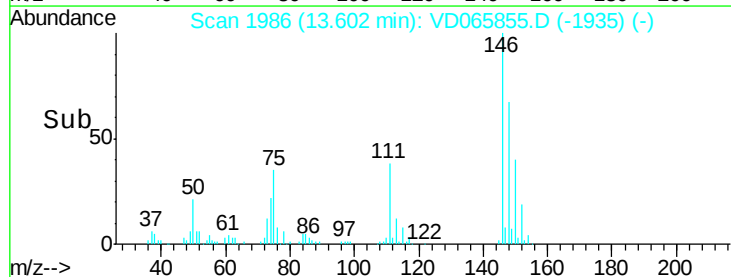
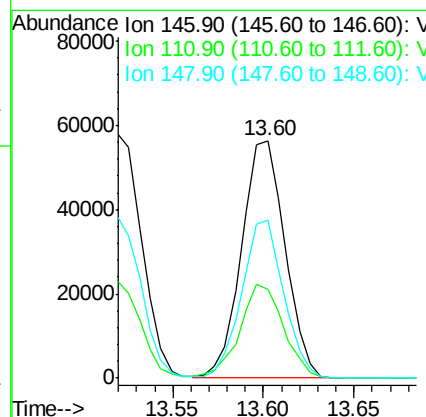
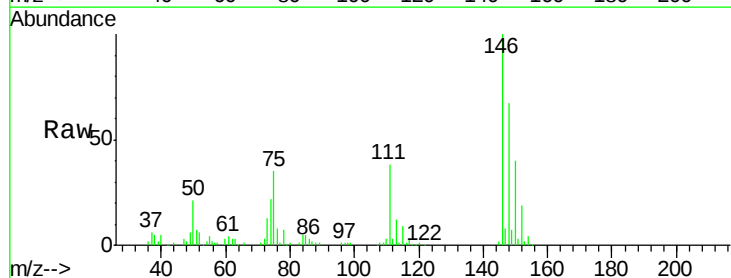
RT: 13.60 min Scan# 1986

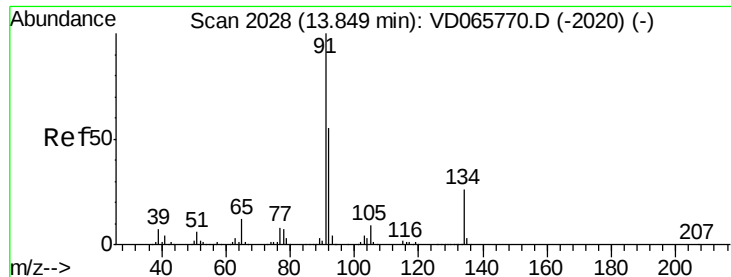
Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Tgt Ion:	146	Resp:	94136
Ion Ratio	Lower	Upper	
146	100		
111	39.8	18.9	56.7
148	64.3	31.6	94.7





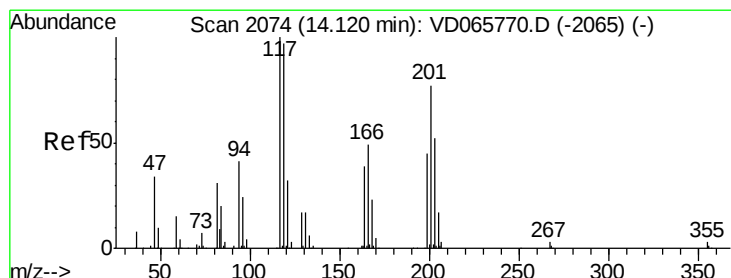
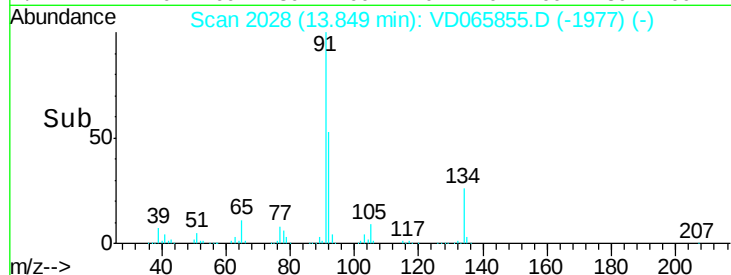
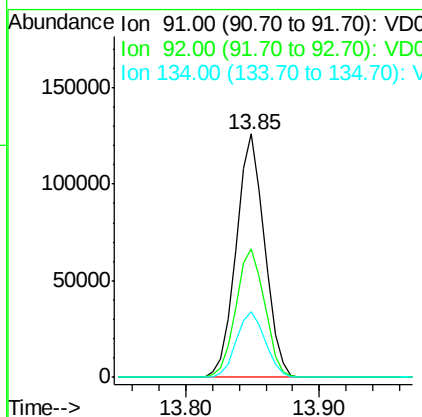
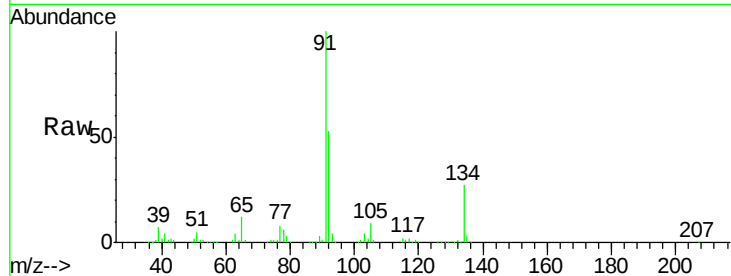
#89
n-Butylbenzene
Concen: 21.431 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.0	81.0
134	27.4	13.0	39.0

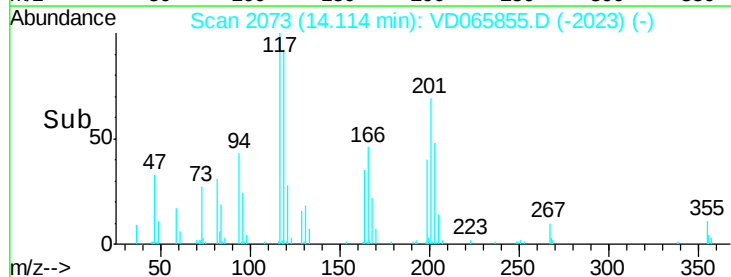
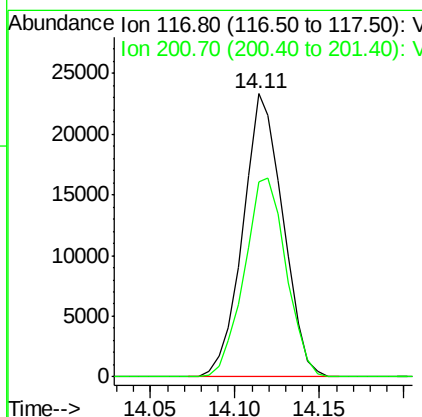
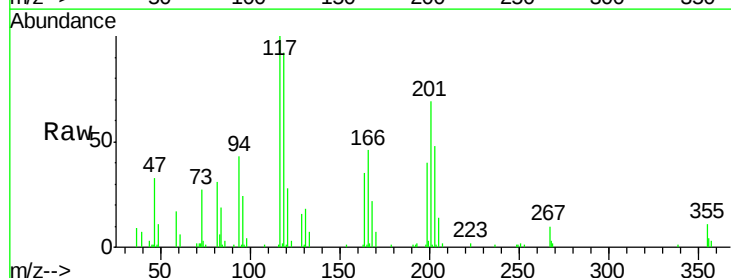
Manual Integrations
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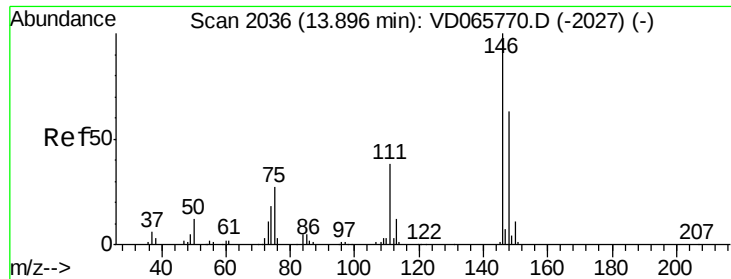
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#90
Hexachloroethane
Concen: 21.144 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.5	37.1	111.5





#91

1,2-Dichlorobenzene

Concen: 20.533 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

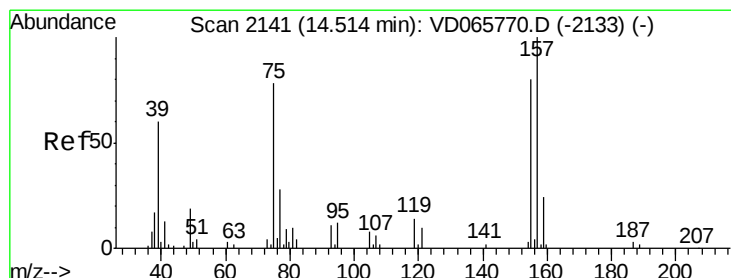
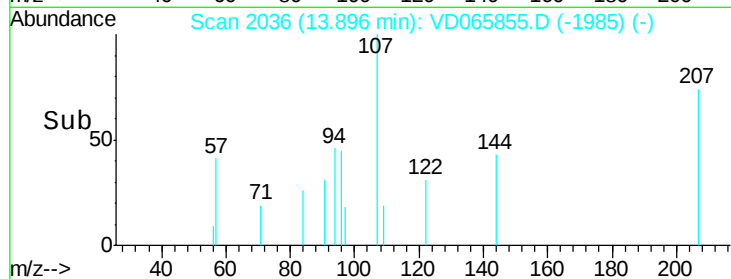
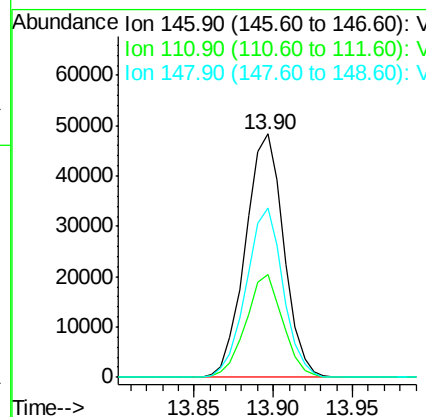
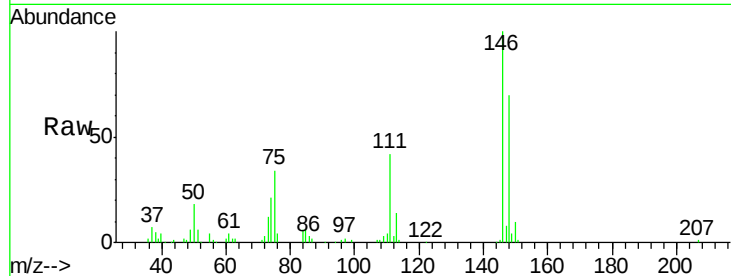
ClientSampleId :

VD0623SBS01

Tot Ion:	146	Resp:	81218
Ion Ratio	Lower	Upper	
146	100		
111	40.9	19.8	59.4
148	67.2	31.9	95.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.390 ug/l

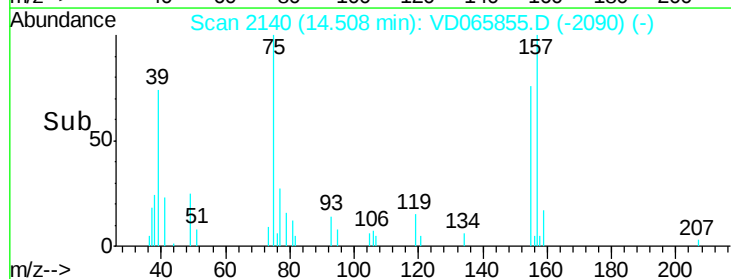
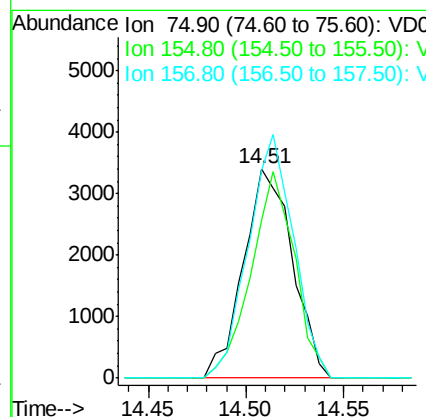
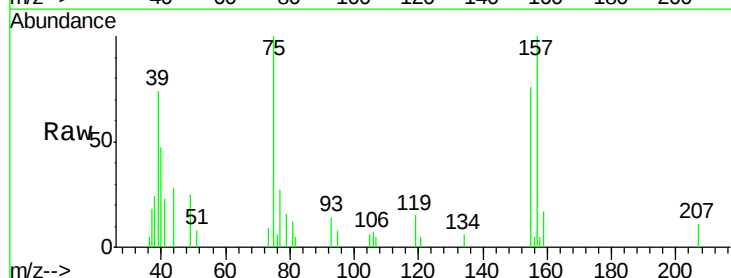
RT: 14.51 min Scan# 2140

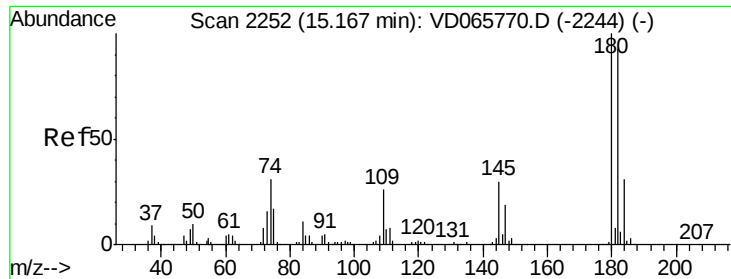
Delta R.T. -0.01 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Tgt Ion:	75	Resp:	5923
Ion Ratio	Lower	Upper	
75	100		
155	87.4	46.3	138.9
157	107.3	58.1	174.3





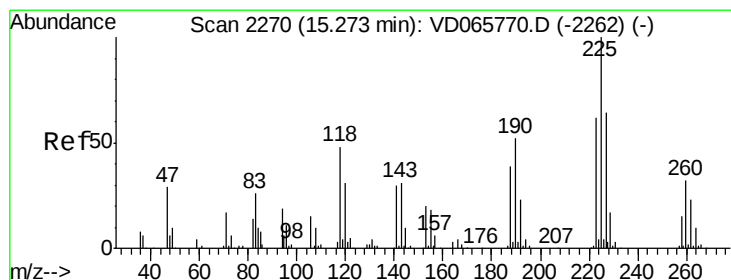
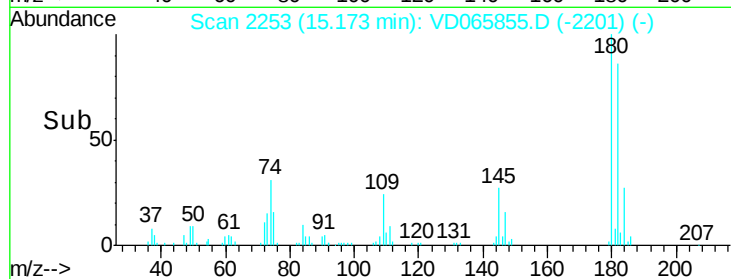
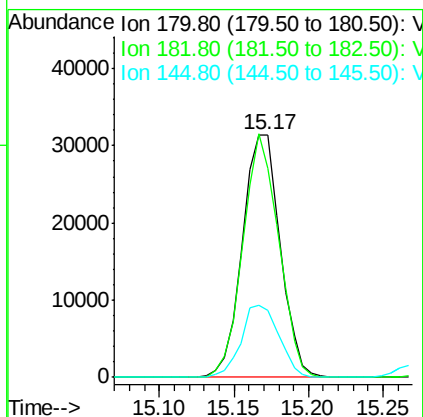
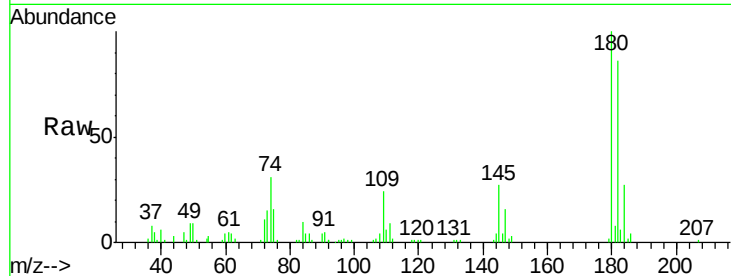
#93
1,2,4-Trichlorobenzene
Concen: 20.533 ug/l
RT: 15.17 min Scan# 2253
Delta R.T. 0.01 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
VD0623SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.2
145	29.8	14.9	44.9

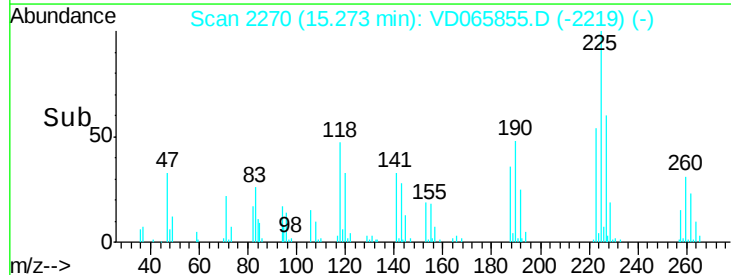
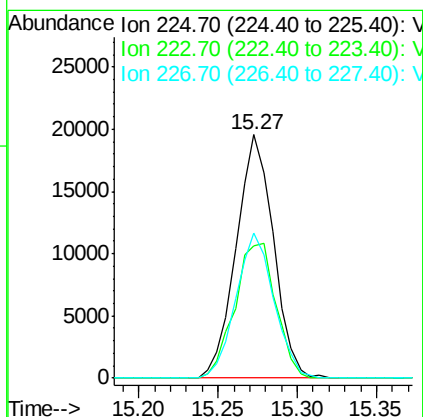
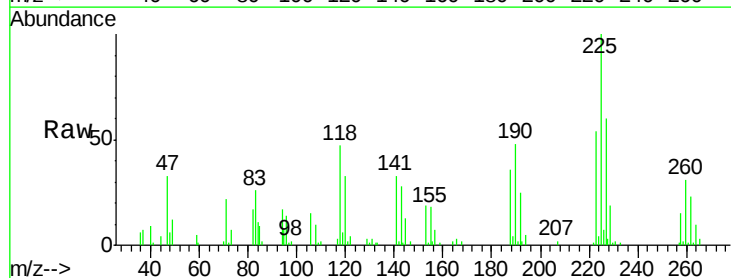
Manual Integrations
APPROVED

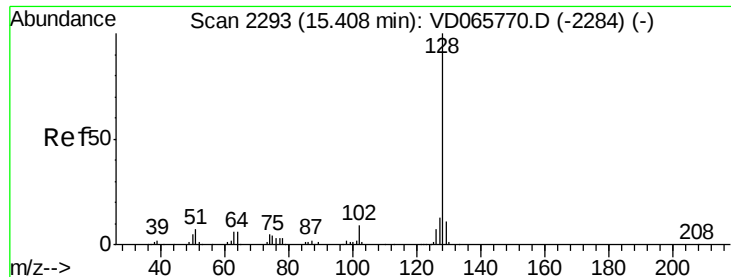
MMDadoda
6/24/2020 10:52:37 AM



#94
Hexachlorobutadiene
Concen: 19.684 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD065855.D
Acq: 23 Jun 2020 12:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.9	92.7
227	60.6	31.9	95.7





#95

Naphthalene

Concen: 19.226 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Instrument :

MSVOA_D

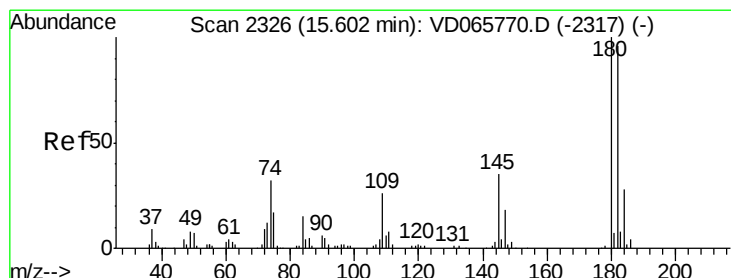
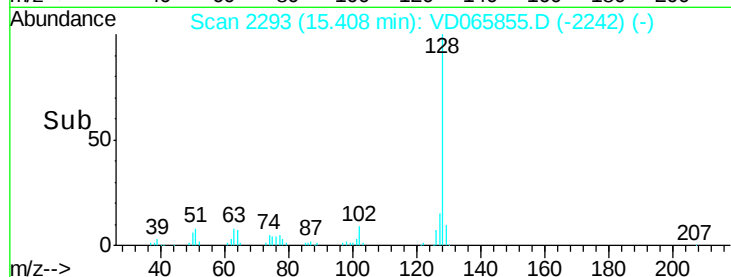
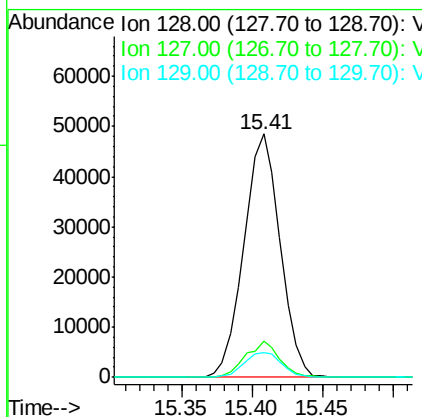
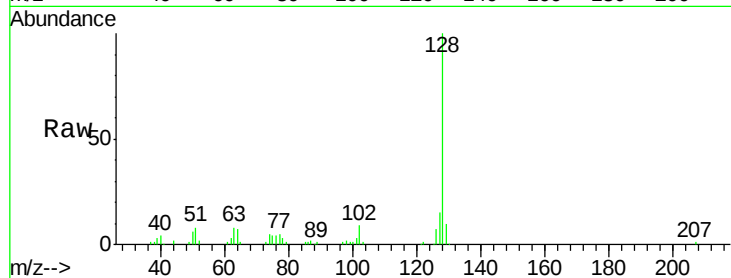
ClientSampleId :

VD0623SBS01

Tot Ion:	128	Resp:	87588
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.7	16.1
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
6/24/2020 10:52:37 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.069 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD065855.D

Acq: 23 Jun 2020 12:58

Tgt Ion:	180	Resp:	46487
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.0	141.2
145	31.6	16.2	48.6

