

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068829.D
 Acq On : 12 Apr 2021 13:48
 Operator : VA/SY
 Sample : M1996-01
 Misc : 6.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 01:08:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	220991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	393804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	337905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	92393	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	110206	47.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.38%
35) Dibromofluoromethane	7.914	113	119728	46.74	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.48%
50) Toluene-d8	10.343	98	447692	46.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.66%
62) 4-Bromofluorobenzene	12.631	95	129393	40.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.64%

Target Compounds						Qvalue
3) Chloromethane	2.173	50	4861	1.89	ug/l #	60
10) Methyl Iodide	4.297	142	114	2.29	ug/l #	41
11) Tert butyl alcohol	5.220	59	1150	Below Cal	#	73
13) Acrolein	3.885	56	4923	53.55	ug/l #	1
14) Allyl chloride	4.820	41	3374	1.35	ug/l #	18
15) Acrylonitrile	5.479	53	1474	3.20	ug/l #	41
16) Acetone	4.144	43	143471	443.60	ug/l #	52
18) Methyl Acetate	4.808	43	1130	1.27	ug/l #	43
20) Methylene Chloride	4.967	84	6556	Below Cal	#	72
25) 2-Butanone	7.208	43	549	1.20	ug/l #	39
29) Tetrahydrofuran	7.561	42	377	1.22	ug/l #	25
31) Cyclohexane	7.979	56	56363	14.50	ug/l	93
36) 1,1-Dichloropropene	7.979	75	17120	4.29	ug/l #	55
38) Carbon Tetrachloride	7.979	117	22049	5.59	ug/l #	16
39) Methylcyclohexane	9.355	83	39228	8.44	ug/l #	89
43) Isopropyl Acetate	8.443	43	3263	1.37	ug/l #	45
48) Methyl methacrylate	9.484	41	3858	3.28	ug/l #	18
51) 4-Methyl-2-Pentanone	10.267	43	10199	8.48	ug/l #	76
52) Toluene	10.402	92	75023	10.16	ug/l	98
55) 1,1,2-Trichloroethane	10.779	97	8660	3.95	ug/l #	36
58) 2-Chloroethyl Vinyl ether	9.920	63	349	17.26	ug/l #	44
59) 2-Hexanone	10.949	43	10974	13.63	ug/l #	22
67) Ethyl Benzene	11.743	91	50972	4.02	ug/l	89
68) m/p-Xylenes	11.849	106	25240	5.16	ug/l	100
69) o-Xylene	12.178	106	207490	46.69	ug/l	98
70) Styrene	12.178	104	14398	1.86	ug/l #	1
73) Isopropylbenzene	12.478	105	27378	4.06	ug/l	98
74) N-amyl acetate	12.267	43	8564	7.49	ug/l #	53
76) 1,2,3-Trichloropropane	12.631	75	63405	75.12	ug/l #	100
78) n-propylbenzene	12.814	91	36222	4.42	ug/l	98
79) 2-Chlorotoluene	12.914	91	21383	4.67	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.955	105	127488	22.60	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.631	75	63405	174.33	ug/l #	16
82) 4-Chlorotoluene	12.955	91	13379	2.76	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.267	105	19008	3.34	ug/l	97
85) sec-Butylbenzene	13.402	105	18887	2.80	ug/l #	75

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

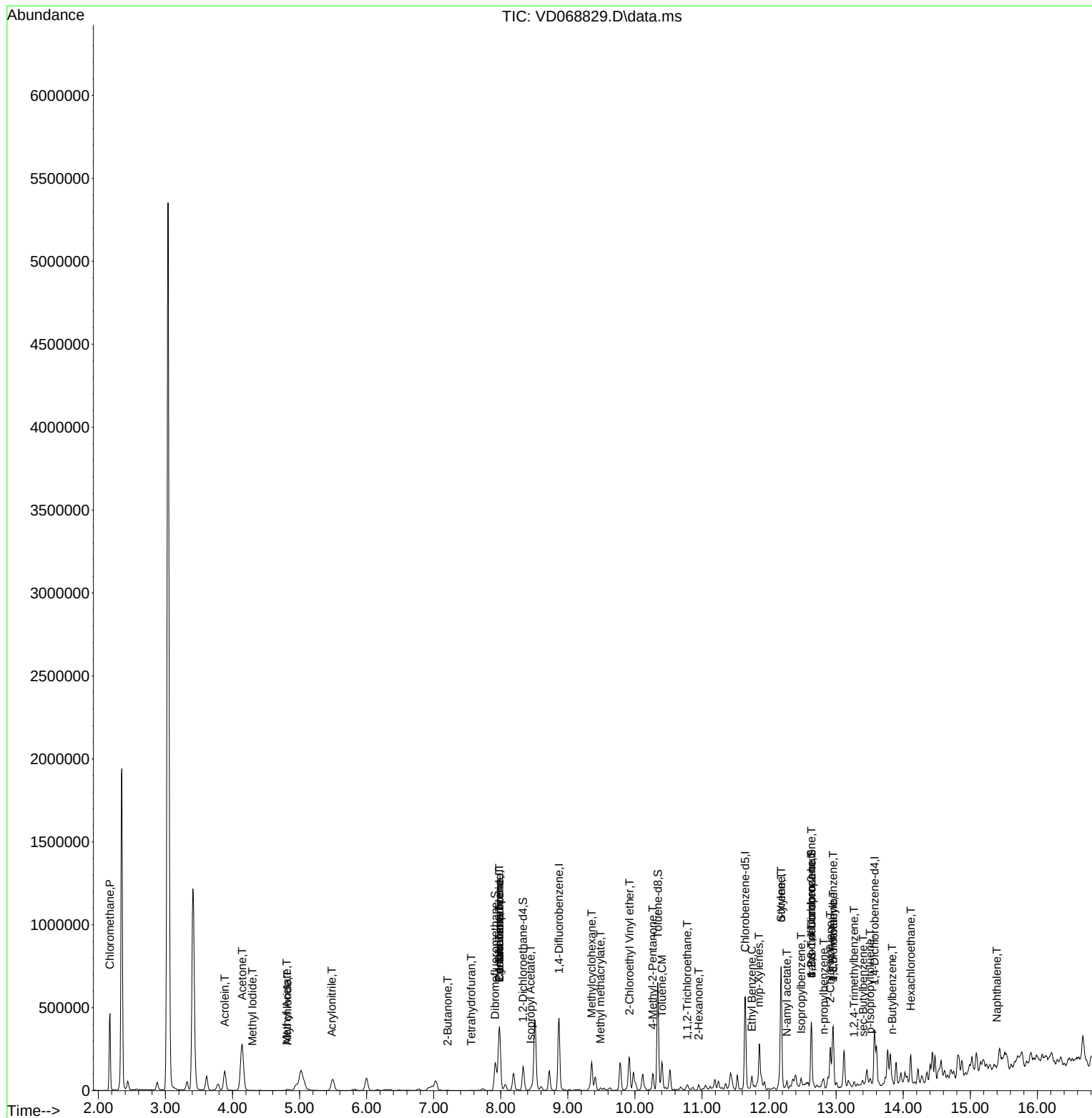
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.508	119	21635	3.51	ug/l	97
89) n-Butylbenzene	13.837	91	17980	3.09	ug/l #	72
90) Hexachloroethane	14.114	117	8676	7.06	ug/l #	14
95) Naphthalene	15.396	128	12500	4.17	ug/l #	74

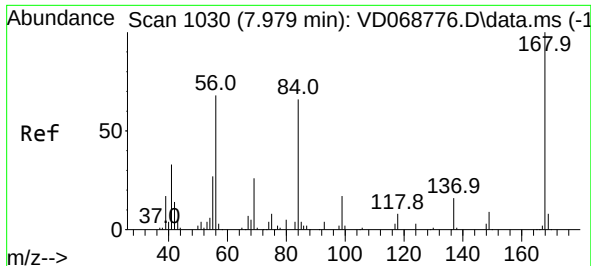
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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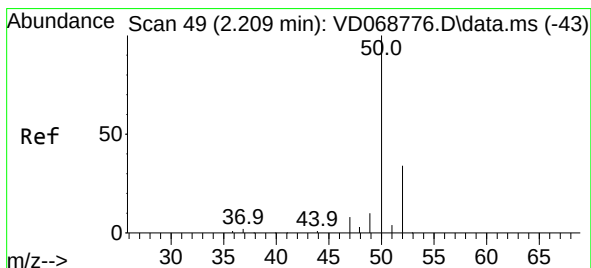
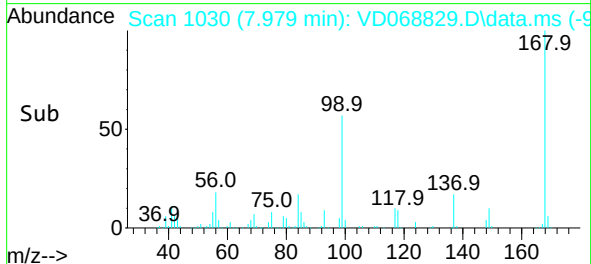
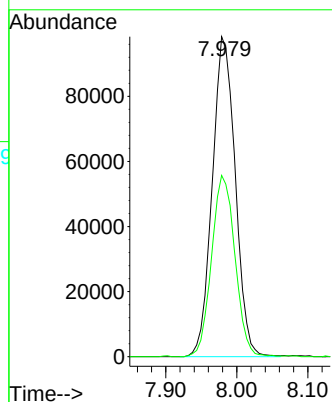
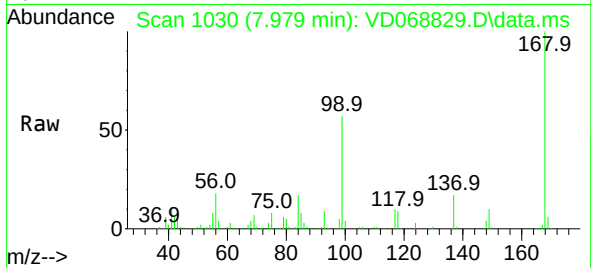




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

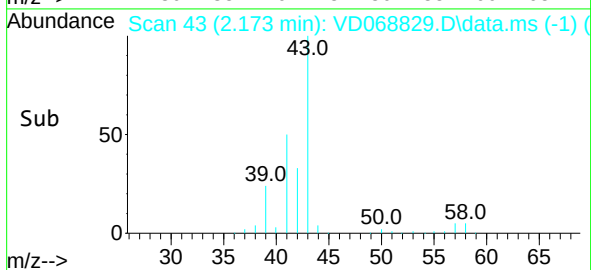
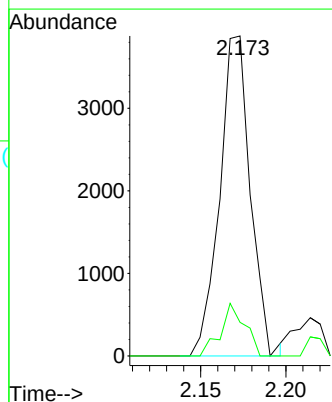
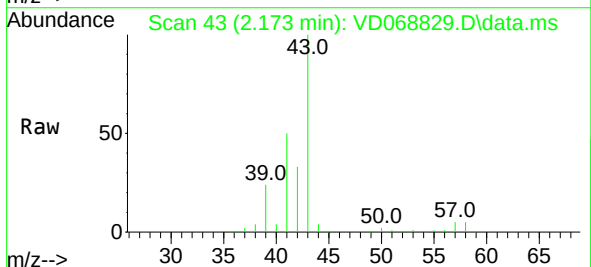
Instrument :
MSVOA_D
ClientSampled :

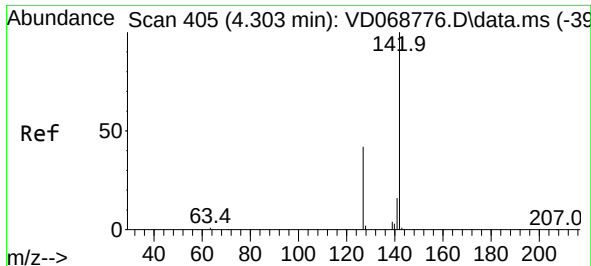
Tgt Ion:168 Resp: 220991
Ion Ratio Lower Upper
168 100
99 56.6 46.2 69.2



#3
Chloromethane
Concen: 1.89 ug/l
RT: 2.173 min Scan# 43
Delta R.T. -0.036 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

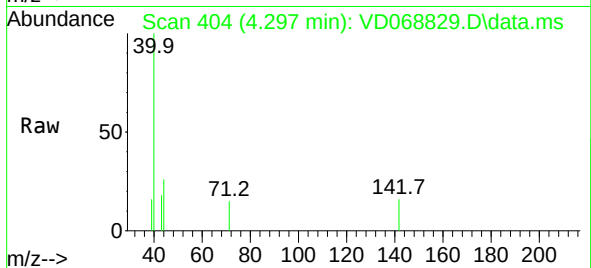
Tgt Ion: 50 Resp: 4861
Ion Ratio Lower Upper
50 100
52 10.5 26.7 40.1#



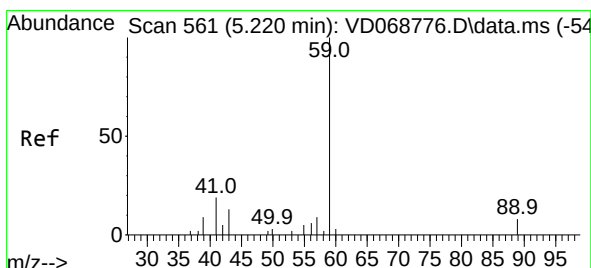
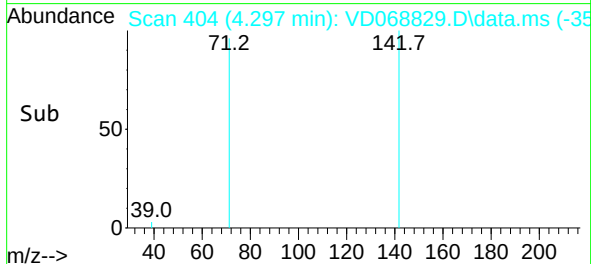
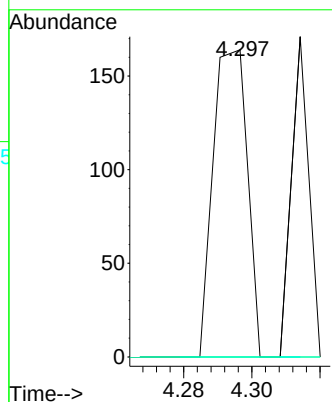


#10
Methyl Iodide
Concen: 2.29 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Instrument :
MSVOA_D
ClientSampled :

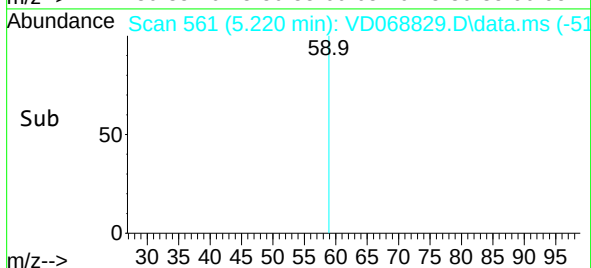
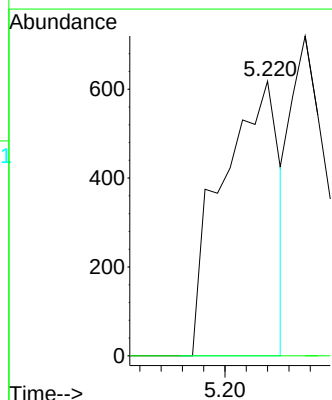
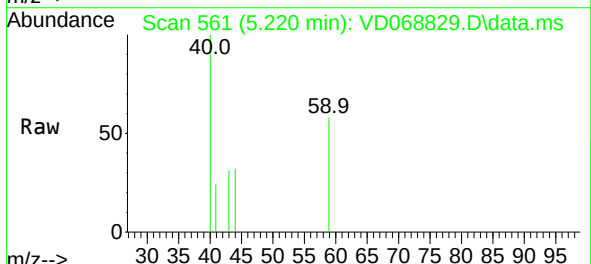


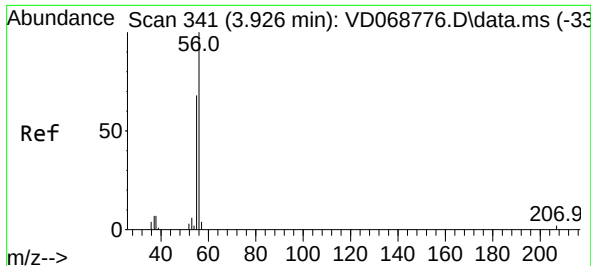
Tgt Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

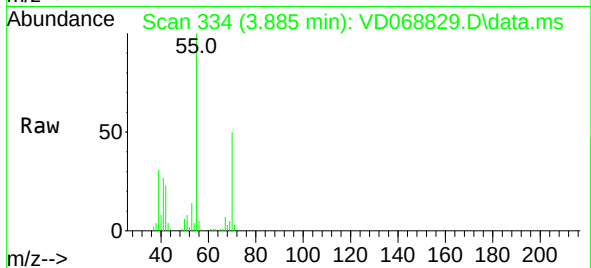
Tgt Ion: 59 Resp: 1150
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



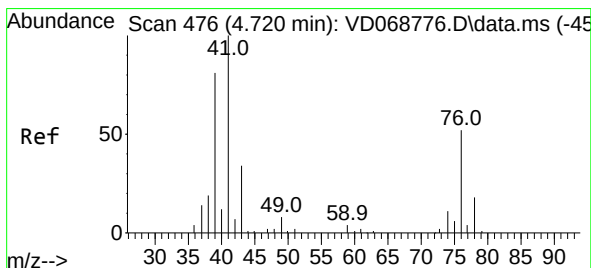
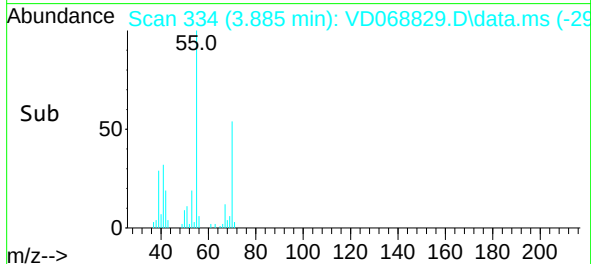
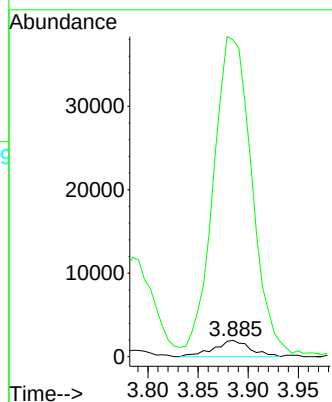


#13
Acrolein
Concen: 53.55 ug/l
RT: 3.885 min Scan# 334
Delta R.T. -0.041 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Instrument :
MSVOA_D
ClientSampled :

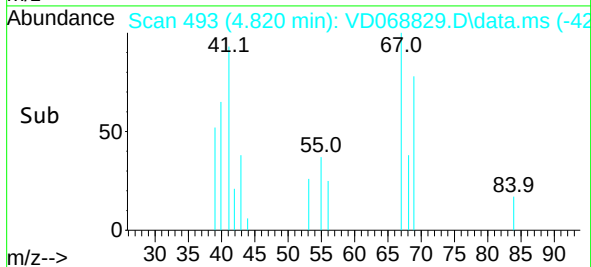
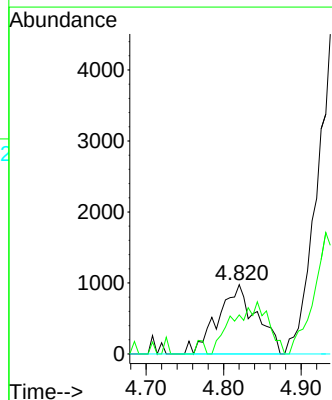
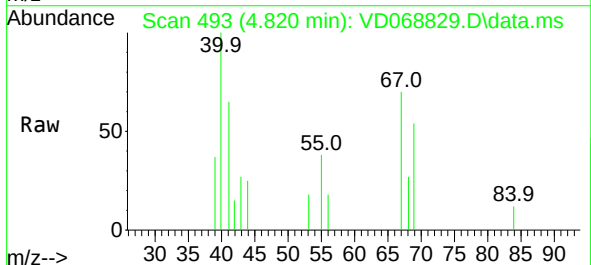


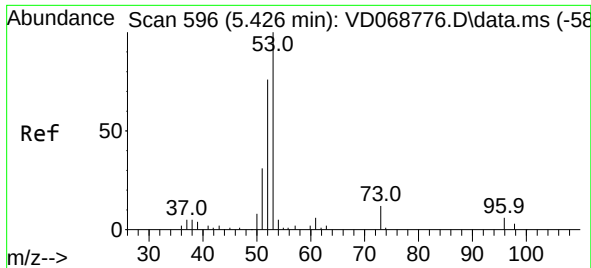
Tgt Ion: 56 Resp: 4923
Ion Ratio Lower Upper
56 100
55 2115.0 54.7 82.1#



#14
Allyl chloride
Concen: 1.35 ug/l
RT: 4.820 min Scan# 493
Delta R.T. 0.100 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion: 41 Resp: 3374
Ion Ratio Lower Upper
41 100
39 0.0 60.6 91.0#
76 0.0 40.4 60.6#

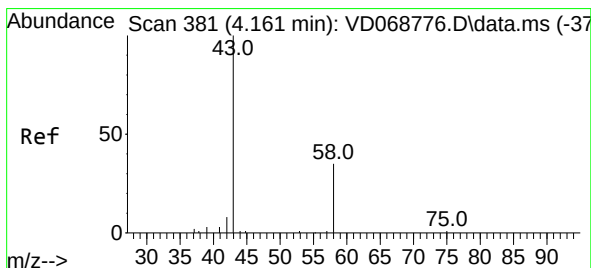
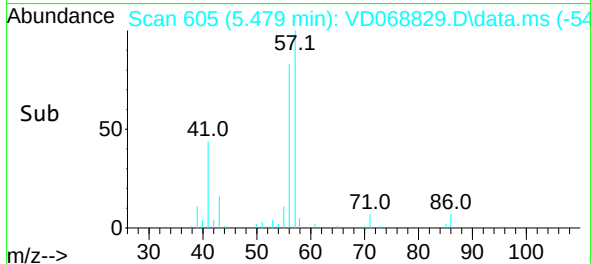
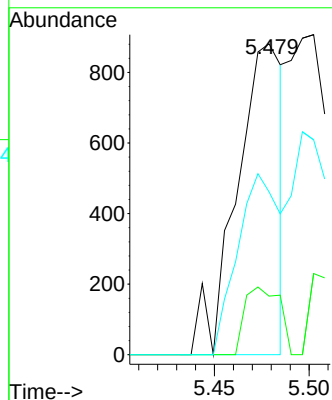
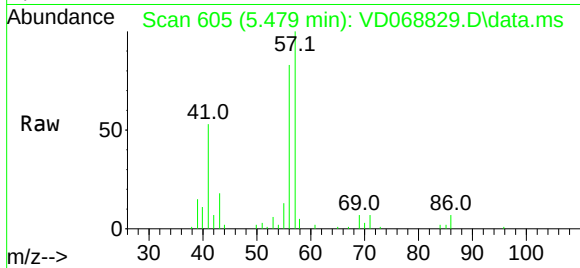




#15
Acrylonitrile
Concen: 3.20 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.053 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

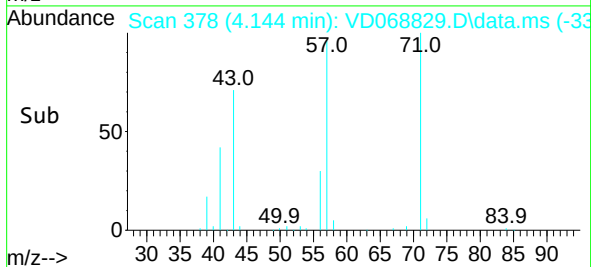
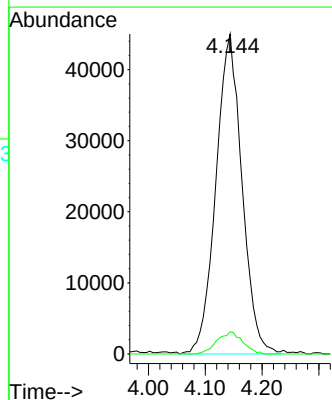
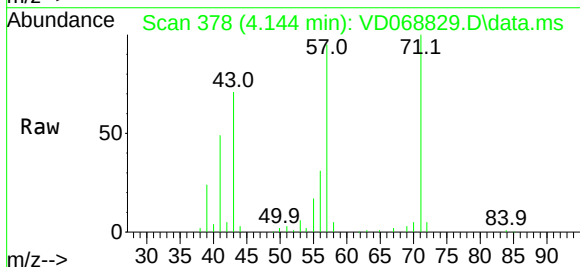
Instrument :
MSVOA_D
ClientSampled :

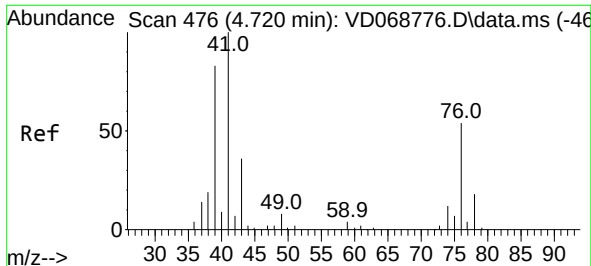
Tgt Ion: 53 Resp: 1474
Ion Ratio Lower Upper
53 100
52 16.7 63.3 94.9#
51 53.2 28.3 42.5#



#16
Acetone
Concen: 443.60 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.017 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion: 43 Resp: 143471
Ion Ratio Lower Upper
43 100
58 6.9 28.0 42.0#

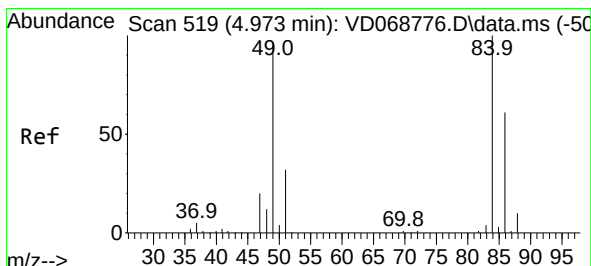
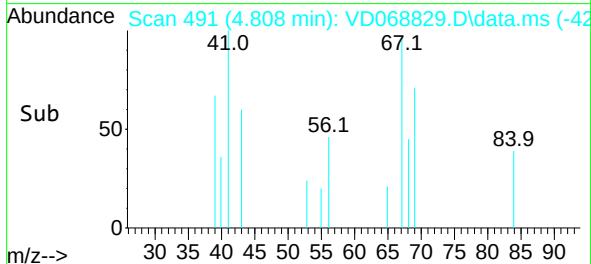
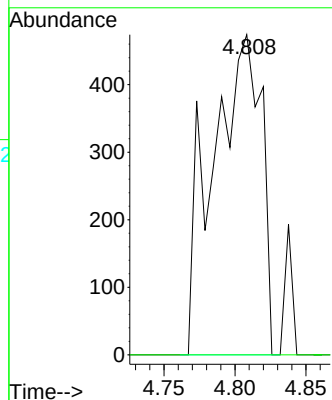
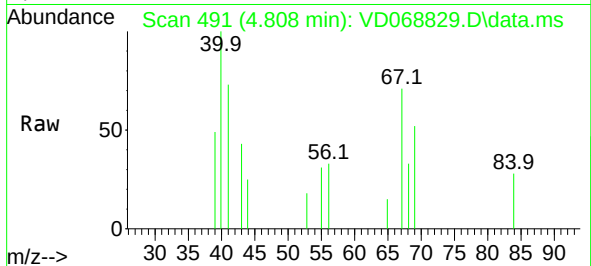




#18
Methyl Acetate
Concen: 1.27 ug/l
RT: 4.808 min Scan# 491
Delta R.T. 0.088 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

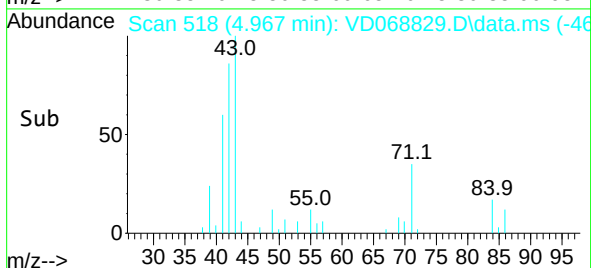
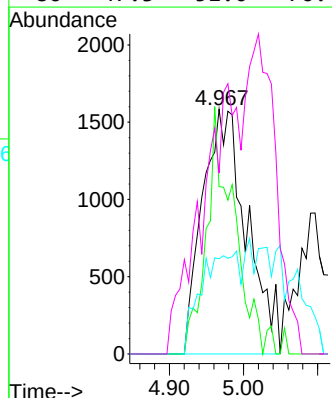
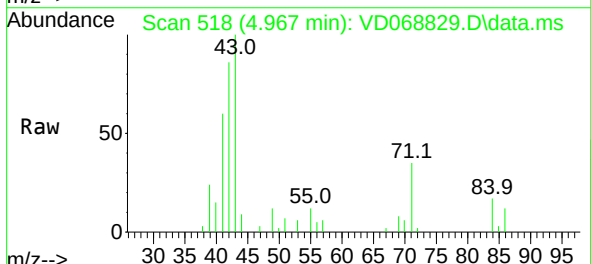
Instrument :
MSVOA_D
ClientSampled :

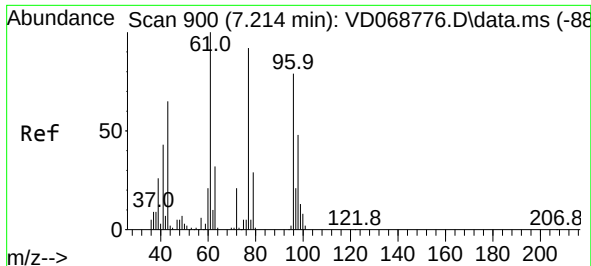
Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

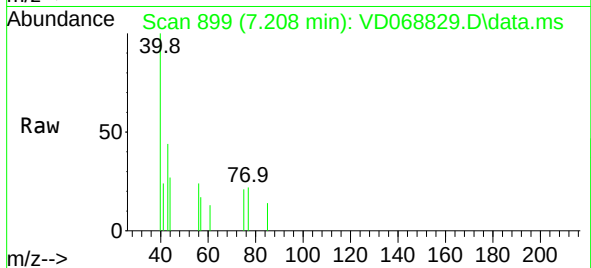
Tgt Ion: 84 Resp: 6556
Ion Ratio Lower Upper
84 100
49 68.4 83.4 125.0#
51 38.9 23.4 35.2#
86 47.3 51.0 76.4#



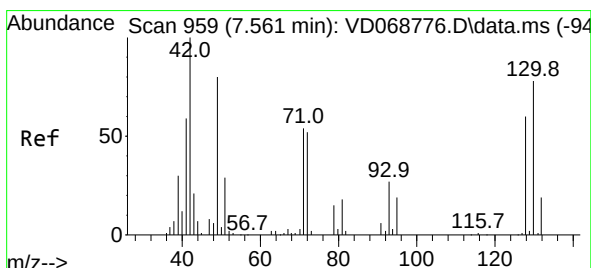
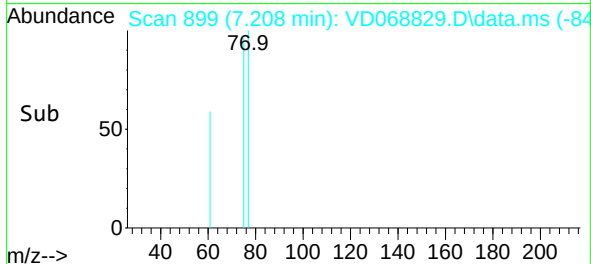
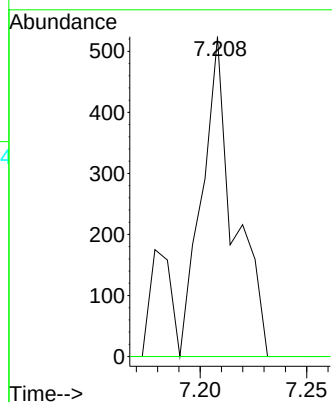


#25
2-Butanone
Concen: 1.20 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Instrument :
MSVOA_D
ClientSampled :

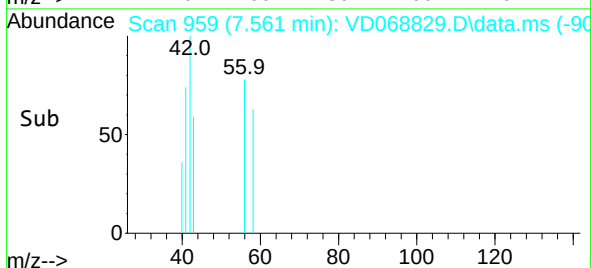
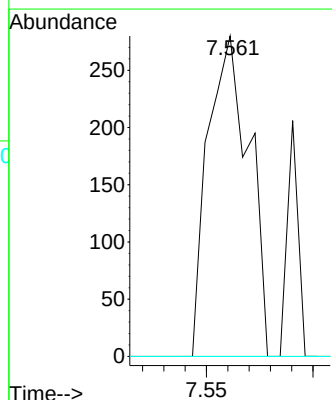
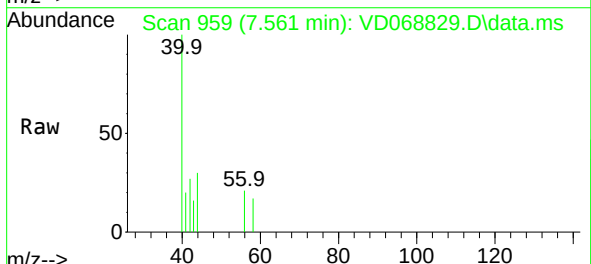


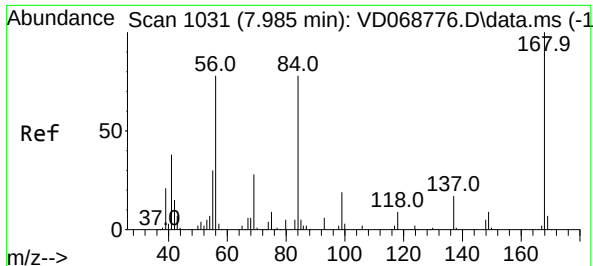
Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#



#29
Tetrahydrofuran
Concen: 1.22 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion: 42 Resp: 377
Ion Ratio Lower Upper
42 100
72 0.0 45.2 67.8#
71 0.0 40.8 61.2#

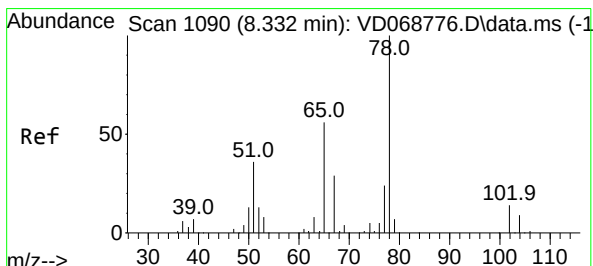
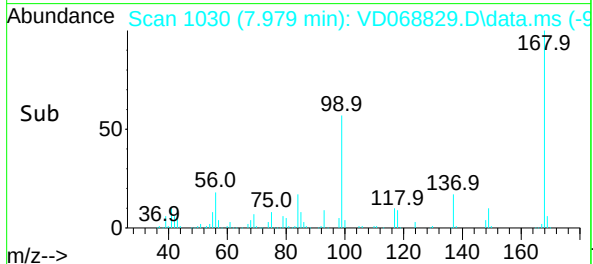
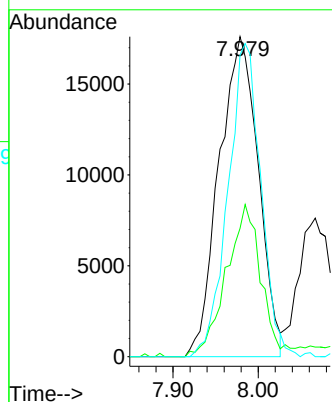
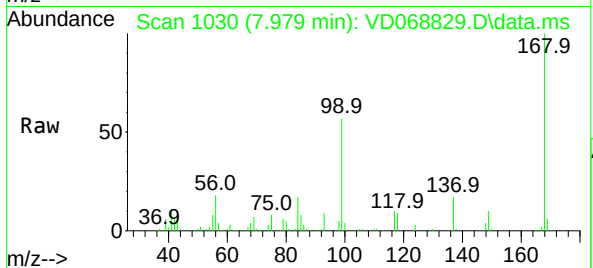




#31
Cyclohexane
Concen: 14.50 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

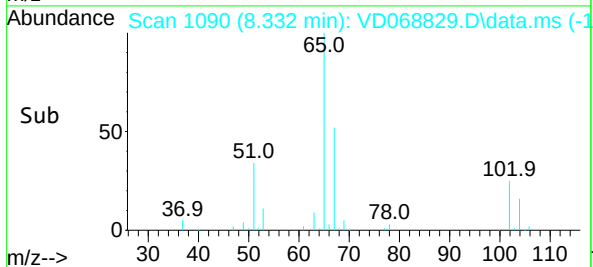
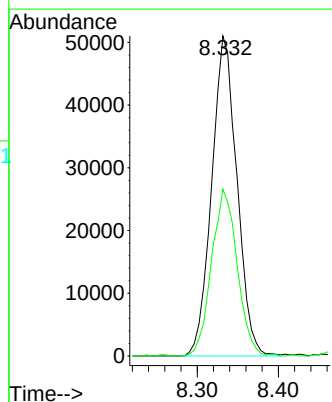
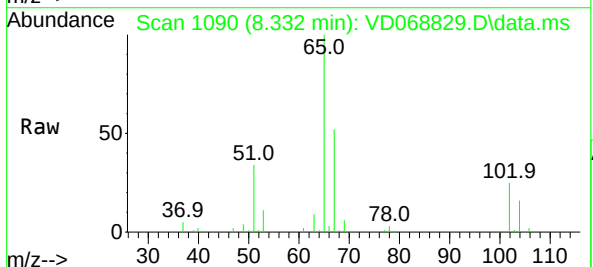
Instrument :
MSVOA_D
ClientSampleId :

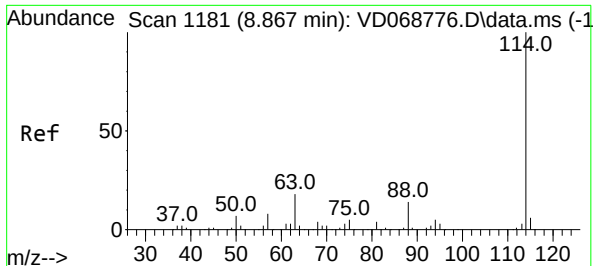
Tgt Ion: 56 Resp: 56363
Ion Ratio Lower Upper
56 100
69 40.1 30.0 45.0
84 94.3 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 47.19 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion: 65 Resp: 110206
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0

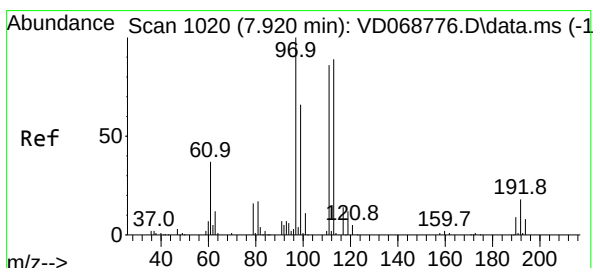
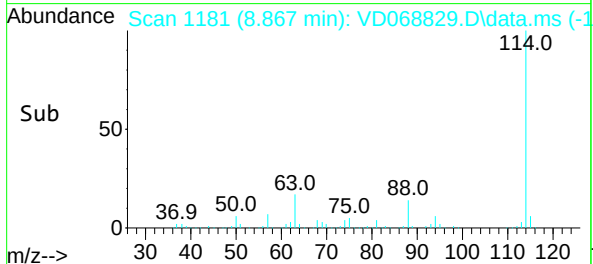
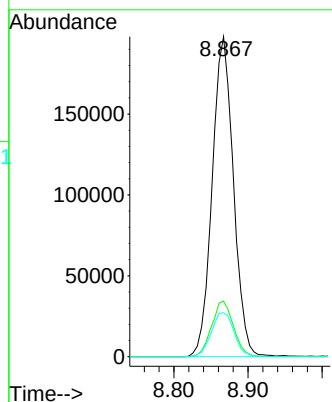
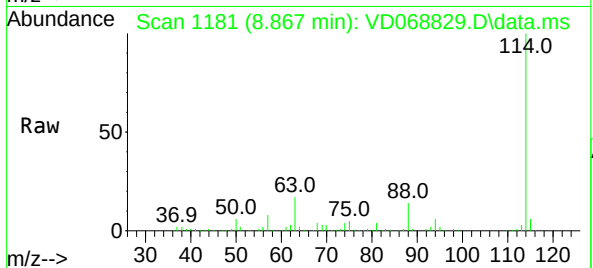




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

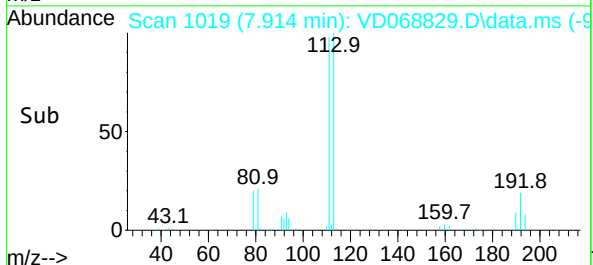
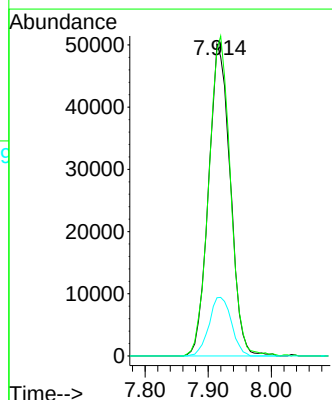
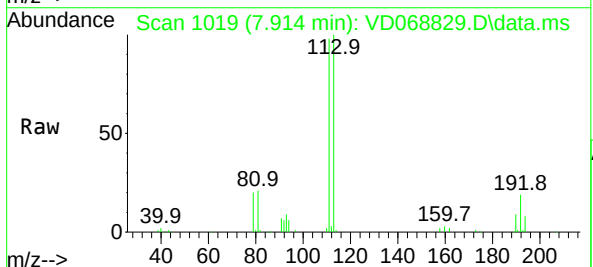
Instrument :
MSVOA_D
ClientSampleId :

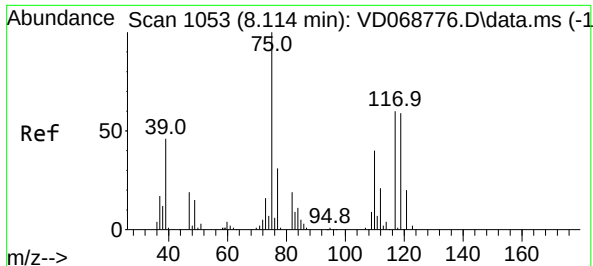
Tgt Ion:114 Resp: 393804
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 13.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.74 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion:113 Resp: 119728
Ion Ratio Lower Upper
113 100
111 102.2 82.5 123.7
192 19.4 15.1 22.7

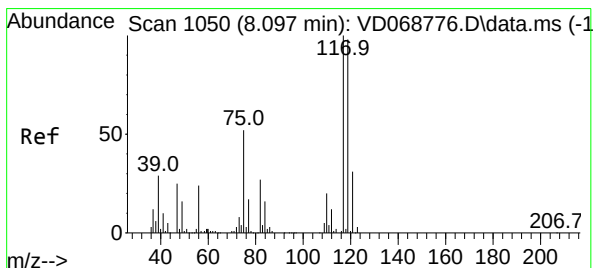
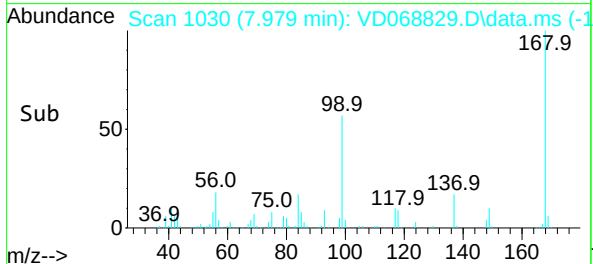
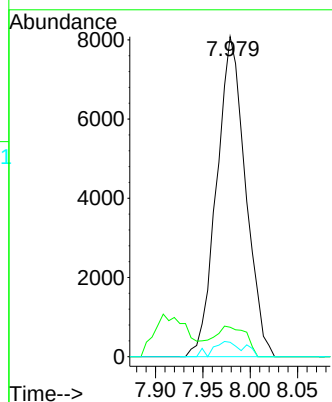
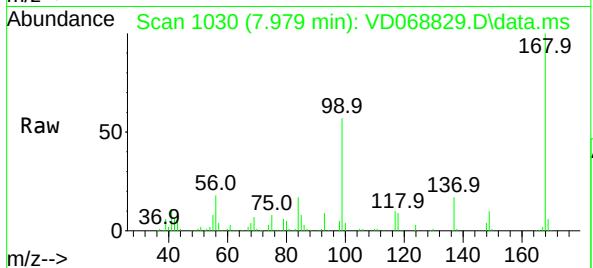




#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

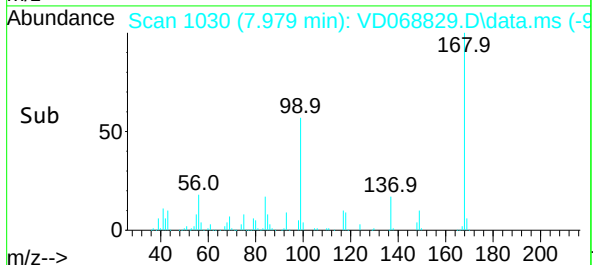
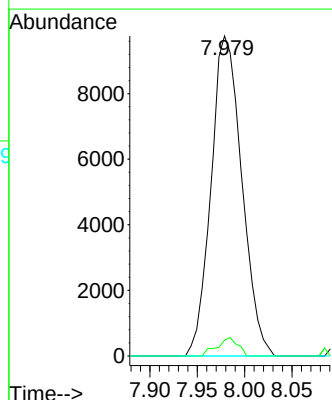
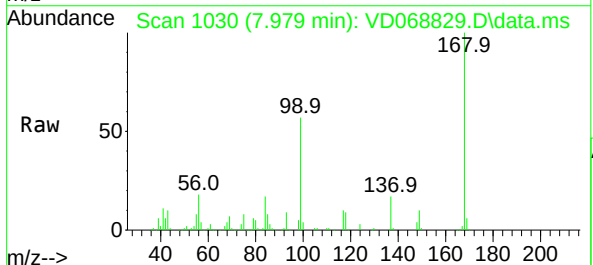
Instrument :
MSVOA_D
ClientSampleId :

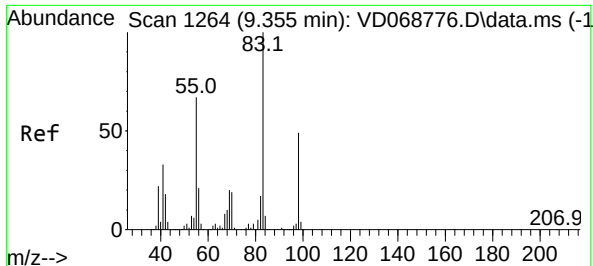
Tgt Ion: 75 Resp: 17120
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.4#
77 5.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion: 117 Resp: 22049
Ion Ratio Lower Upper
117 100
119 4.9 76.6 115.0#
121 0.0 26.1 39.1#





#39

Methylcyclohexane

Concen: 8.44 ug/l

RT: 9.355 min Scan# 1264

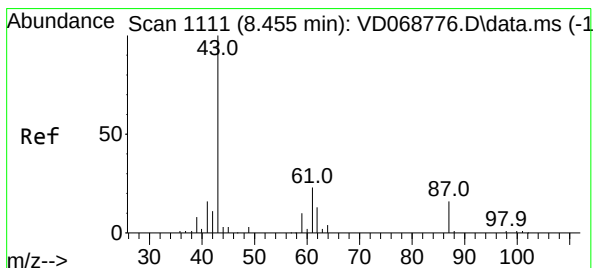
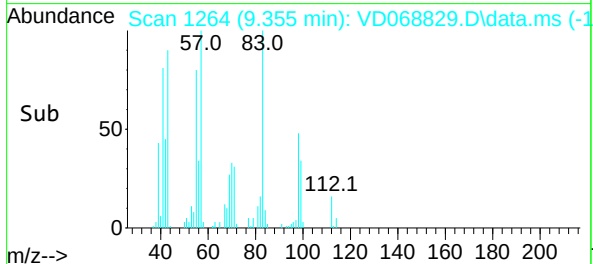
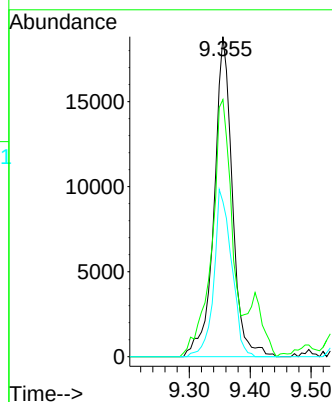
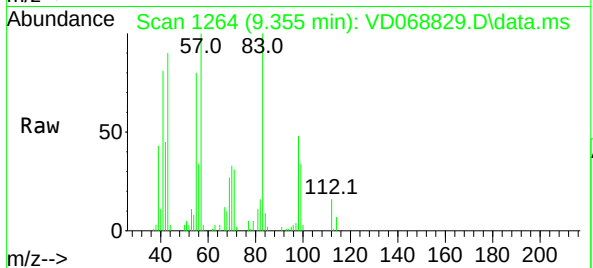
Delta R.T. 0.000 min

Lab File: VD068829.D

Acq: 12 Apr 2021 13:48

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:	83	Resp:	39228
Ion	Ratio	Lower	Upper
83	100		
55	80.3	51.7	77.5#
98	48.4	38.8	58.2



#43

Isopropyl Acetate

Concen: 1.37 ug/l

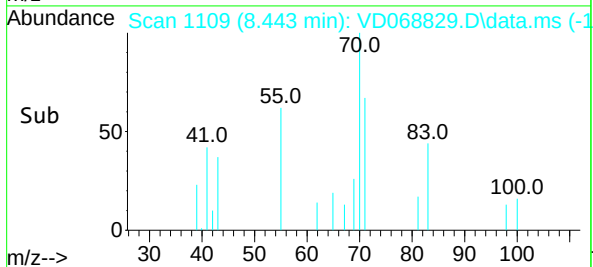
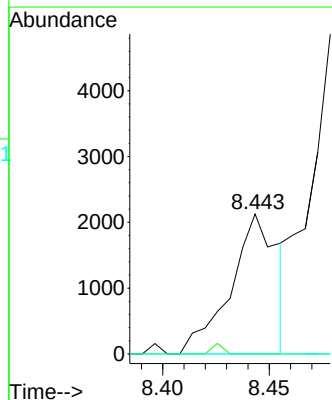
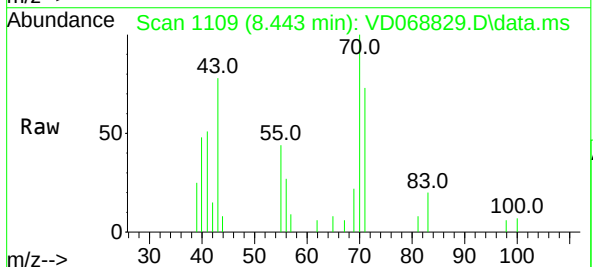
RT: 8.443 min Scan# 1109

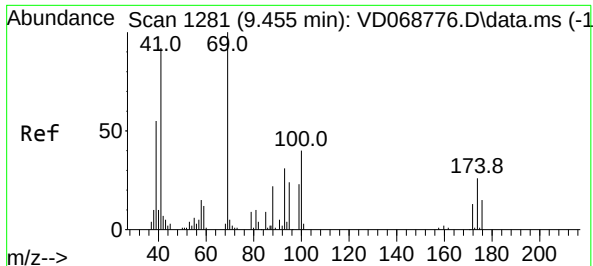
Delta R.T. -0.012 min

Lab File: VD068829.D

Acq: 12 Apr 2021 13:48

Tgt Ion:	43	Resp:	3263
Ion	Ratio	Lower	Upper
43	100		
61	0.0	29.5	44.3#
87	0.0	13.5	20.3#

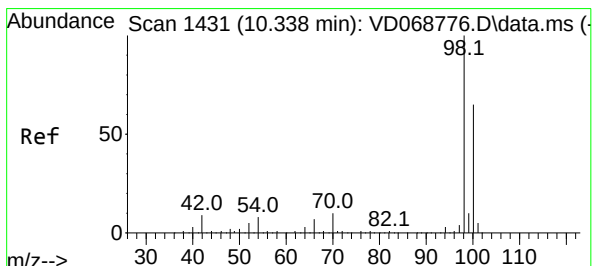
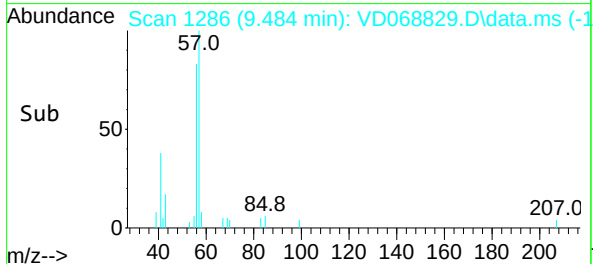
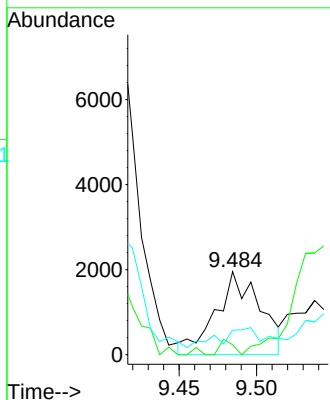
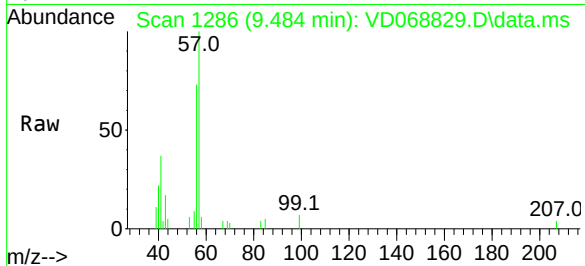




#48
Methyl methacrylate
Concen: 3.28 ug/l
RT: 9.484 min Scan# 1286
Delta R.T. 0.029 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

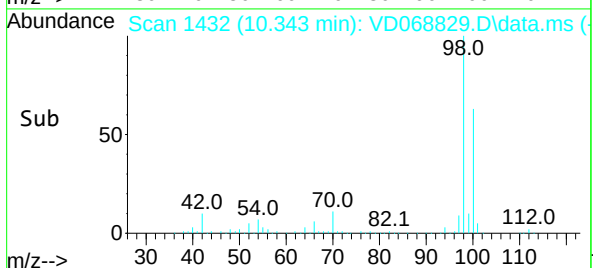
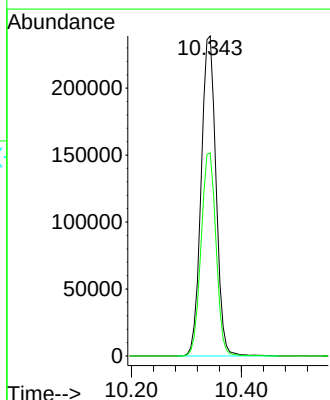
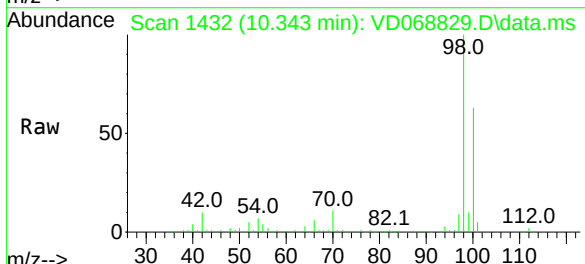
Instrument :
MSVOA_D
ClientSampleId :

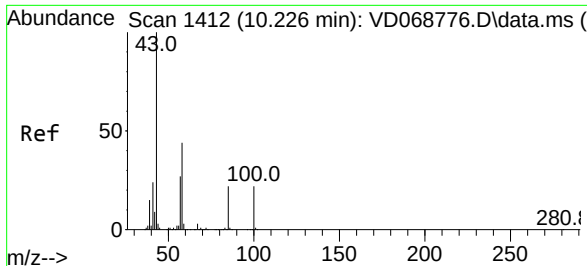
Tgt Ion: 41 Resp: 3858
Ion Ratio Lower Upper
41 100
69 0.0 83.0 124.6#
39 23.9 47.0 70.6#



#50
Toluene-d8
Concen: 46.33 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion: 98 Resp: 447692
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

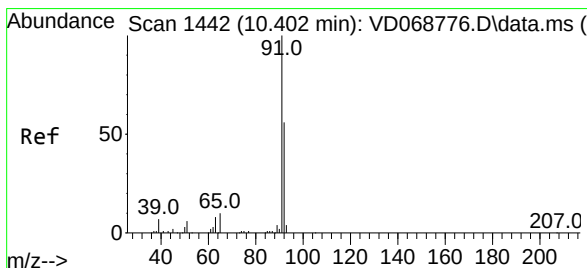
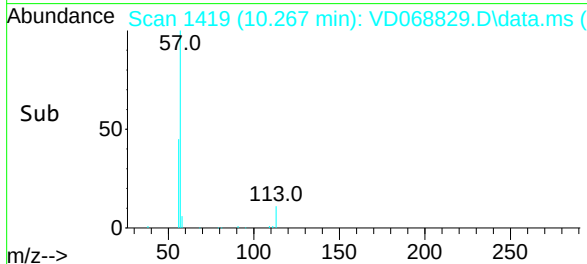
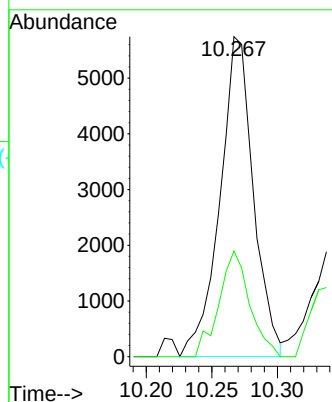
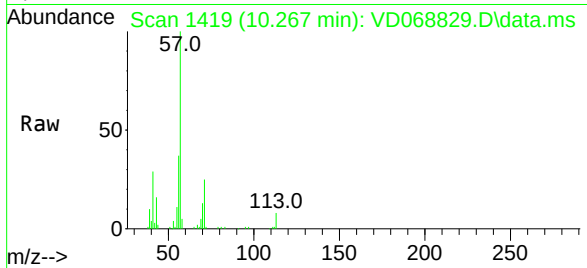




#51
4-Methyl-2-Pentanone
Concen: 8.48 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.041 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

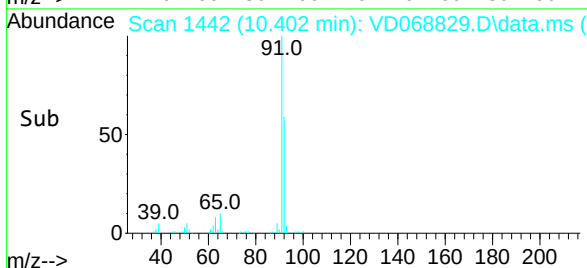
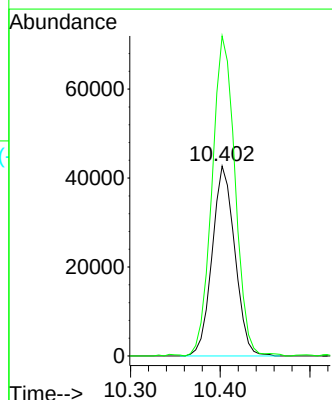
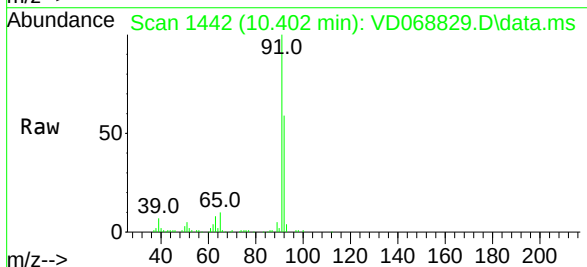
Instrument :
MSVOA_D
ClientSampled :

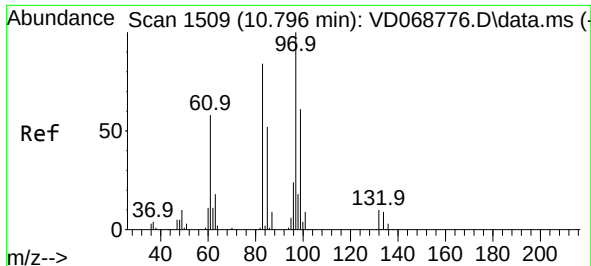
Tgt Ion: 43 Resp: 10199
Ion Ratio Lower Upper
43 100
58 30.4 37.3 55.9#



#52
Toluene
Concen: 10.16 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

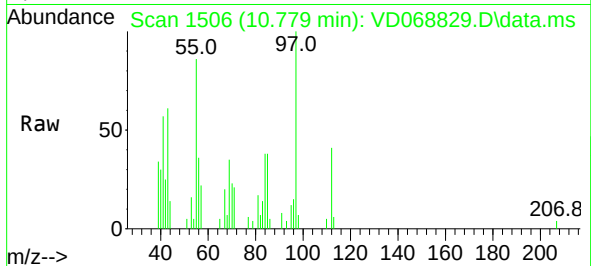
Tgt Ion: 92 Resp: 75023
Ion Ratio Lower Upper
92 100
91 171.2 139.1 208.7



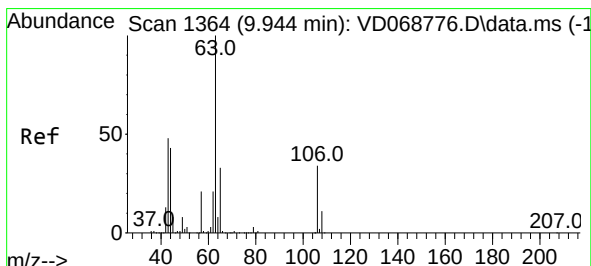
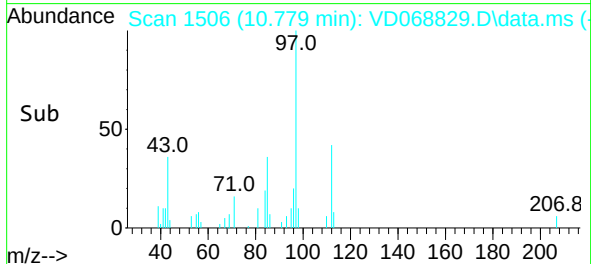
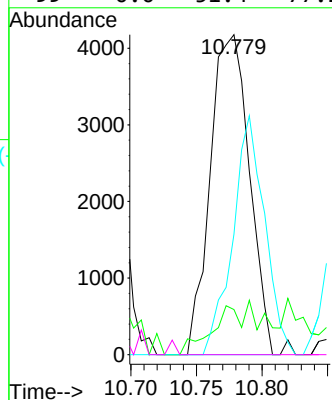


#55
1,1,2-Trichloroethane
Concen: 3.95 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.017 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Instrument :
MSVOA_D
ClientSampled :

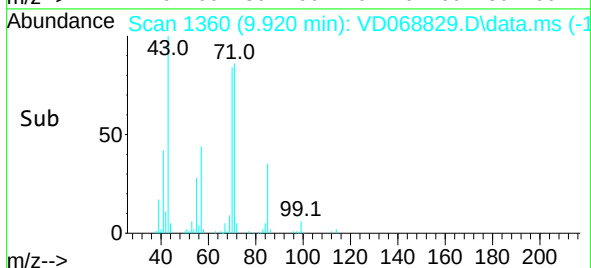
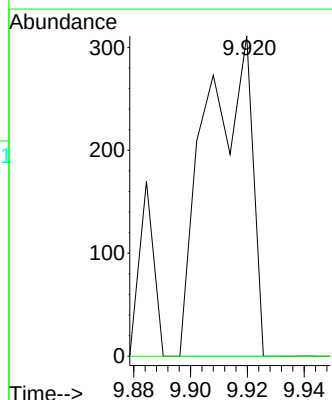
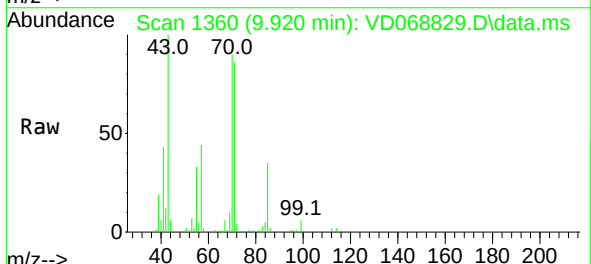


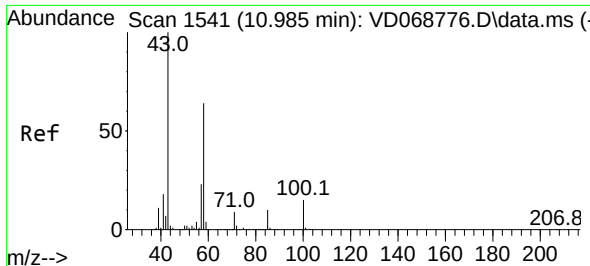
Tgt Ion	Ratio	Lower	Upper
97	100		
83	14.1	65.7	98.5#
85	37.6	44.3	66.5#
99	0.0	51.4	77.2#



#58
2-Chloroethyl Vinyl ether
Concen: 17.26 ug/l
RT: 9.920 min Scan# 1360
Delta R.T. -0.024 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.6	36.8#

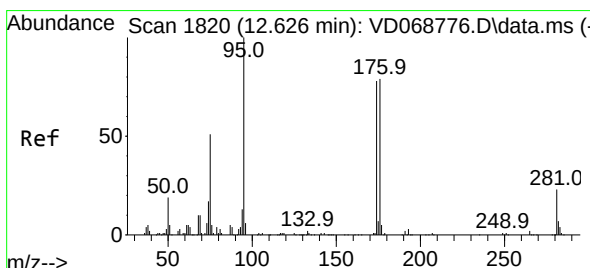
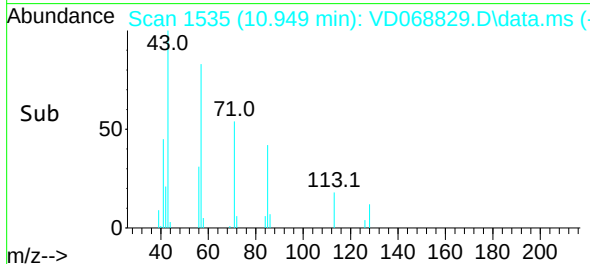
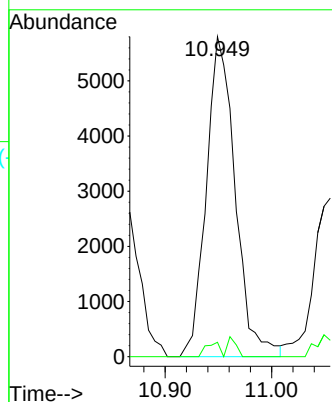
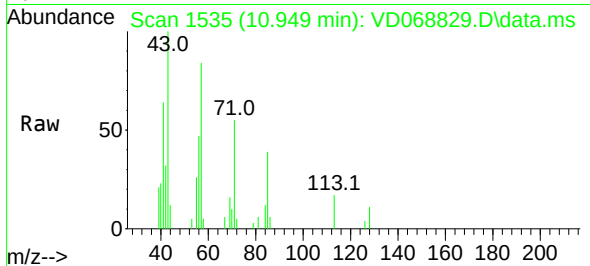




#59
2-Hexanone
Concen: 13.63 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.036 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

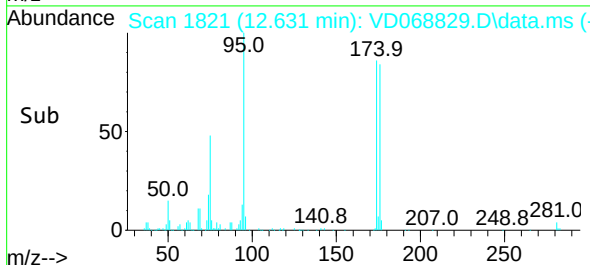
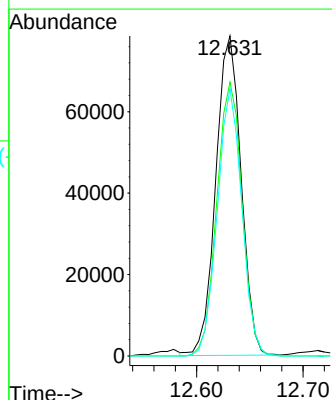
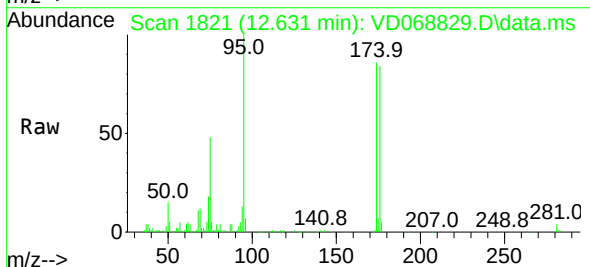
Instrument :
MSVOA_D
ClientSampled :

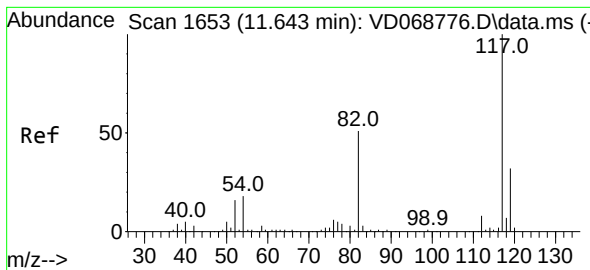
Tgt Ion: 43 Resp: 10974
Ion Ratio Lower Upper
43 100
58 2.1 31.3 93.8#



#62
4-Bromofluorobenzene
Concen: 40.32 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion: 95 Resp: 129393
Ion Ratio Lower Upper
95 100
174 85.6 0.0 168.0
176 81.0 0.0 160.2

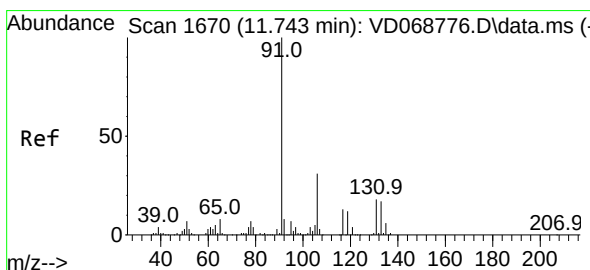
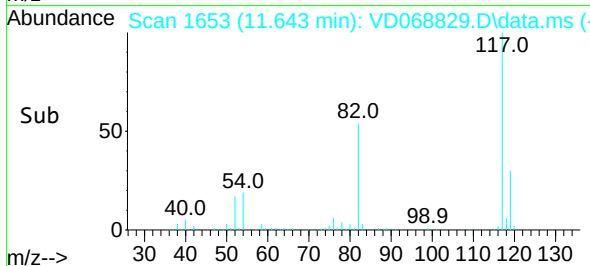
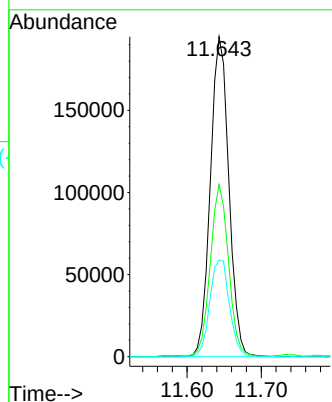
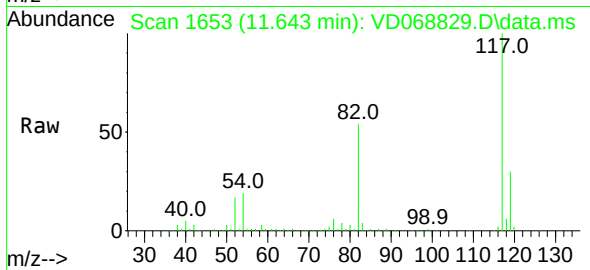




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

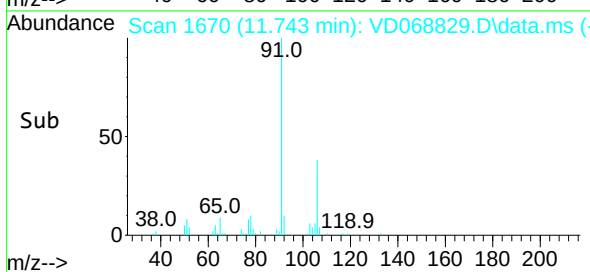
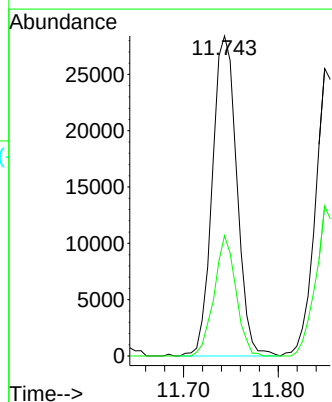
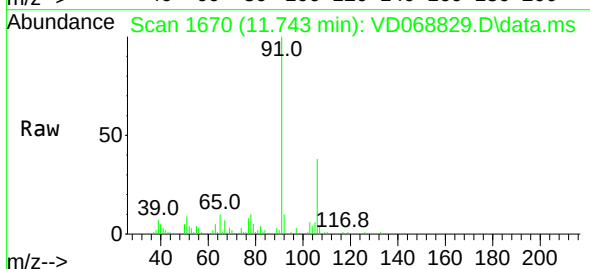
Instrument :
MSVOA_D
ClientSampleId :

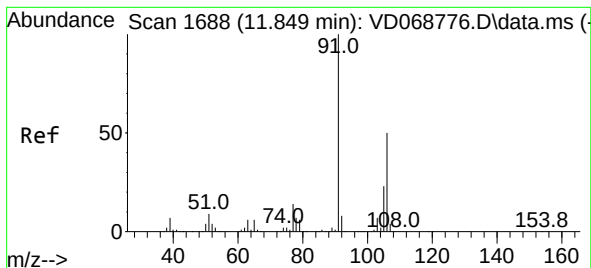
Tgt Ion:117 Resp: 337905
Ion Ratio Lower Upper
117 100
82 53.4 43.5 65.3
119 30.1 26.7 40.1



#67
Ethyl Benzene
Concen: 4.02 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion: 91 Resp: 50972
Ion Ratio Lower Upper
91 100
106 37.6 25.1 37.7

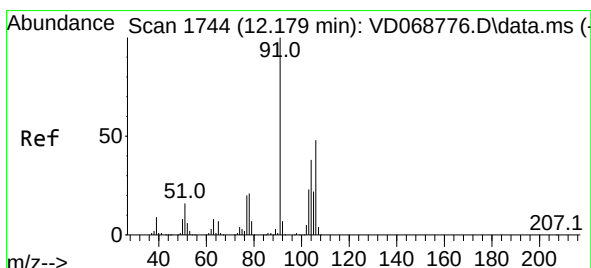
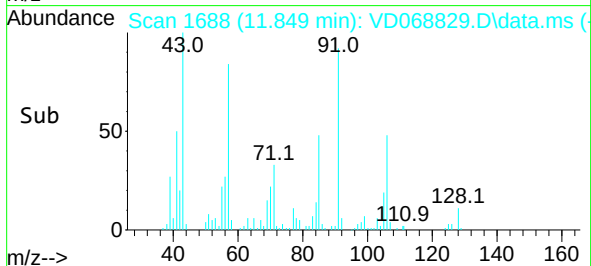
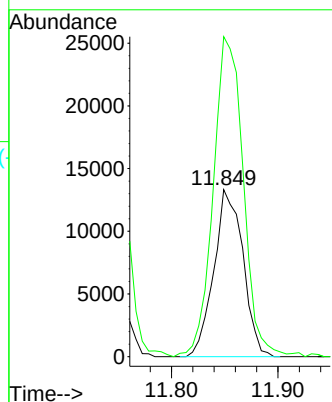
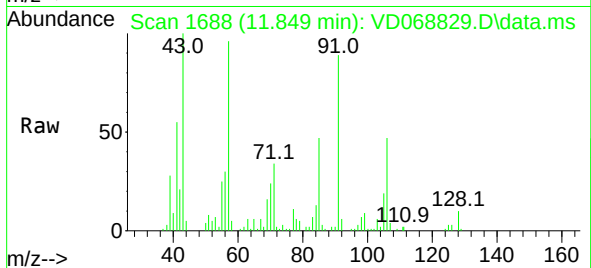




#68
m/p-Xylenes
Concen: 5.16 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

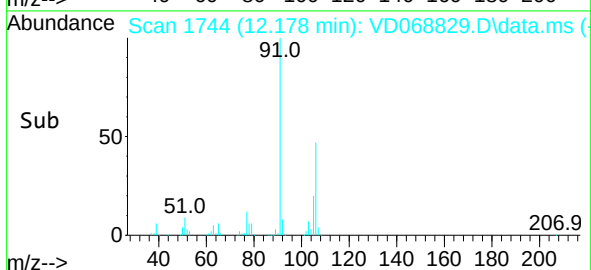
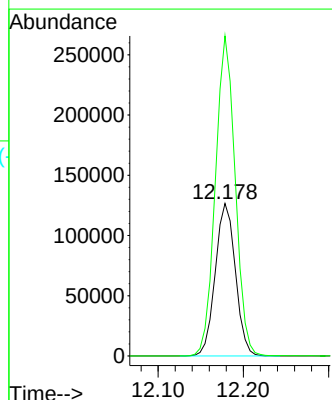
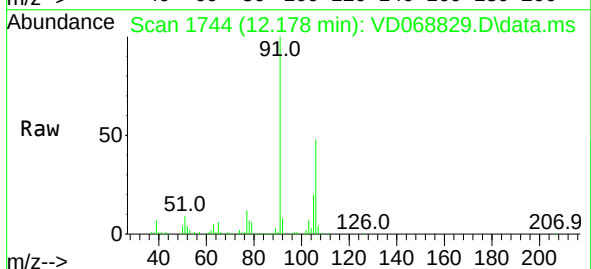
Instrument :
MSVOA_D
ClientSampled :

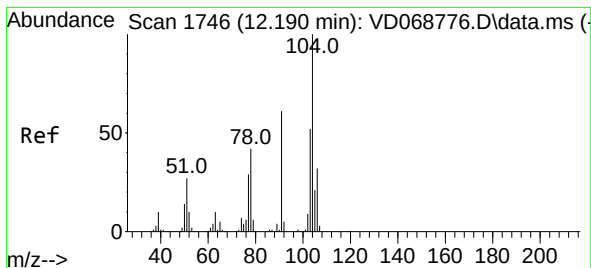
Tgt Ion:106 Resp: 25240
Ion Ratio Lower Upper
106 100
91 198.3 158.6 238.0



#69
o-Xylene
Concen: 46.69 ug/l
RT: 12.178 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion:106 Resp: 207490
Ion Ratio Lower Upper
106 100
91 206.6 105.0 315.0





#70

Styrene

Concen: 1.86 ug/l

RT: 12.178 min Scan# 1744

Delta R.T. -0.012 min

Lab File: VD068829.D

Acq: 12 Apr 2021 13:48

Tgt Ion:104 Resp: 14398

Ion Ratio Lower Upper

104 100

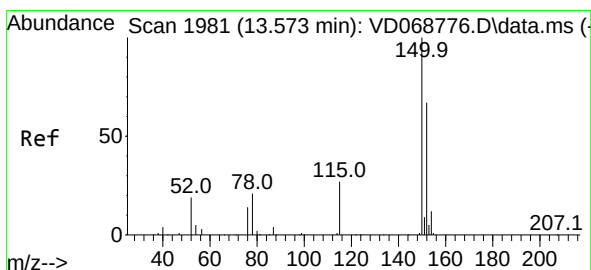
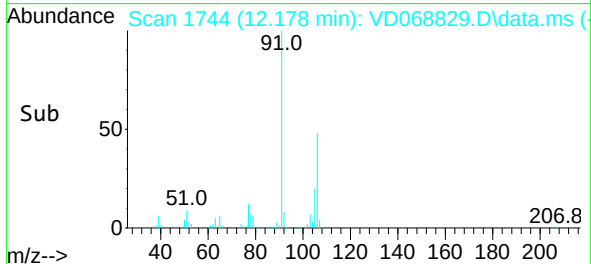
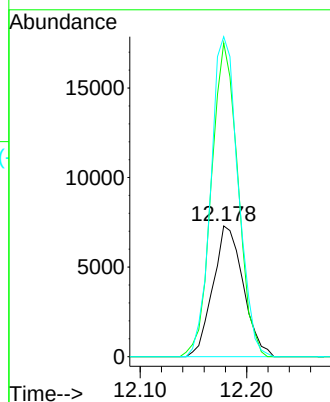
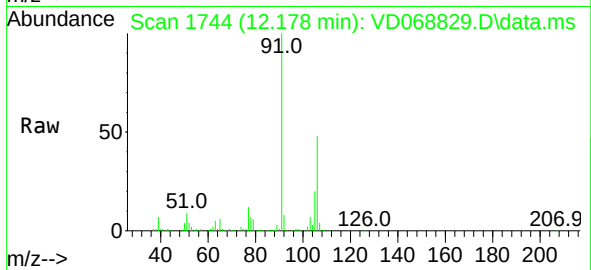
78 210.3 36.9 55.3#

103 220.8 44.3 66.5#

Instrument :

MSVOA_D

ClientSampled :



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.573 min Scan# 1981

Delta R.T. -0.001 min

Lab File: VD068829.D

Acq: 12 Apr 2021 13:48

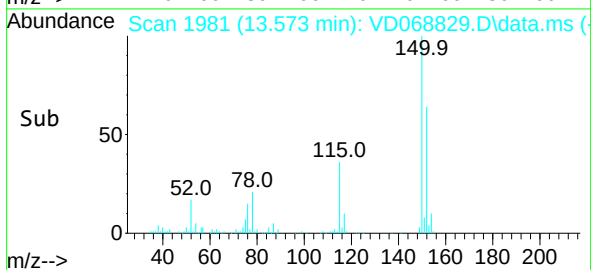
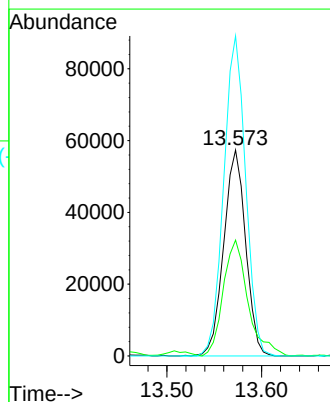
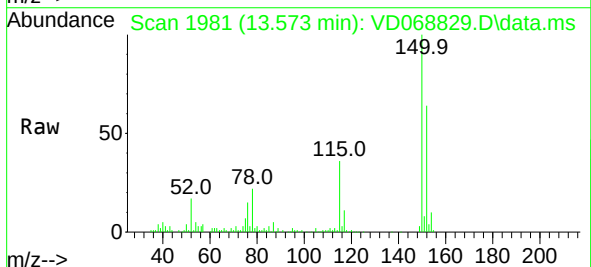
Tgt Ion:152 Resp: 92393

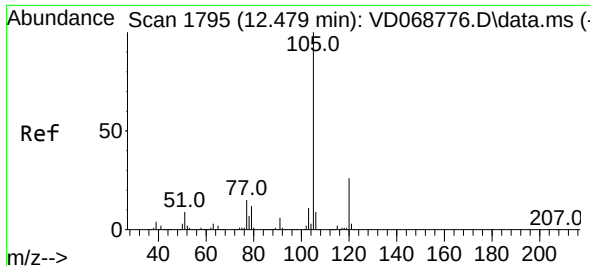
Ion Ratio Lower Upper

152 100

115 63.4 29.3 87.8

150 155.0 0.0 347.6

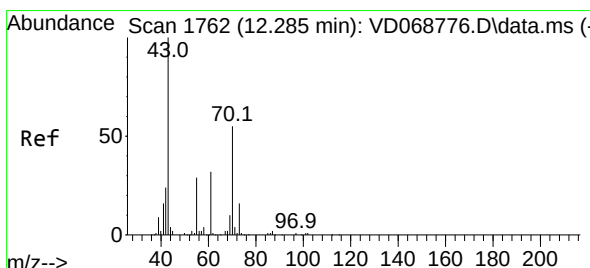
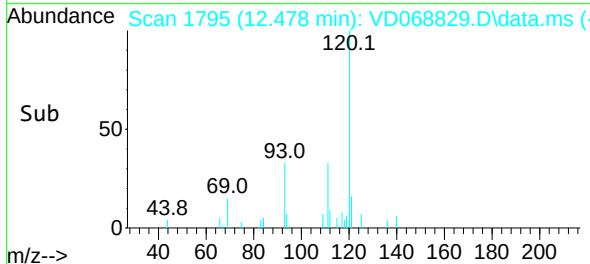
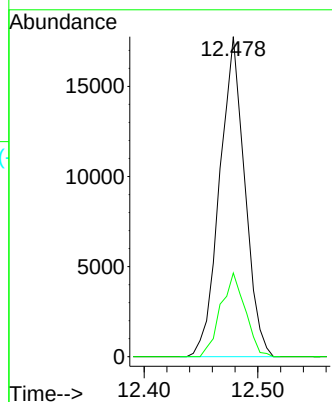
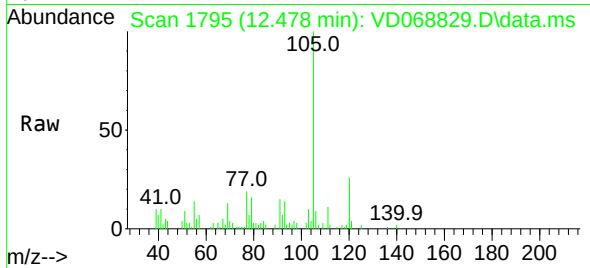




#73
Isopropylbenzene
Concen: 4.06 ug/l
RT: 12.478 min Scan# 1795
Delta R.T. -0.001 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

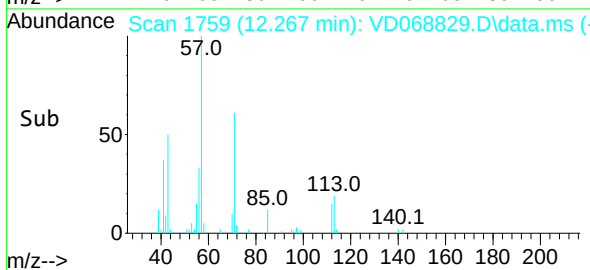
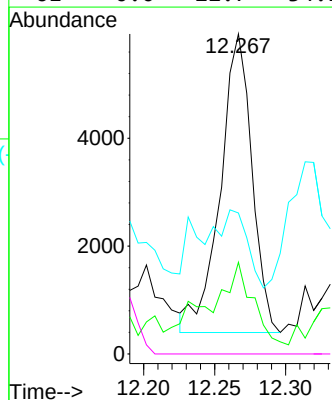
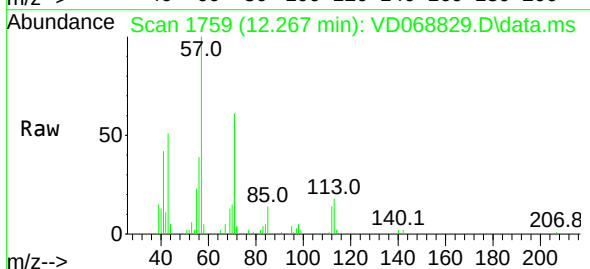
Instrument :
MSVOA_D
ClientSampled :

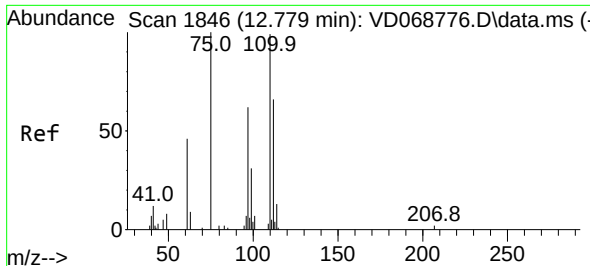
Tgt Ion:105 Resp: 27378
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.2



#74
N-ethyl acetate
Concen: 7.49 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.018 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion: 43 Resp: 8564
Ion Ratio Lower Upper
43 100
70 24.0 41.9 62.9#
55 0.0 22.8 34.2#
61 0.0 22.7 34.1#

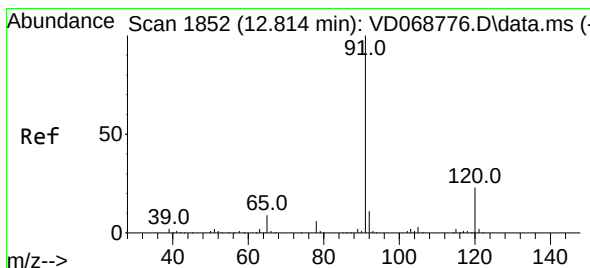
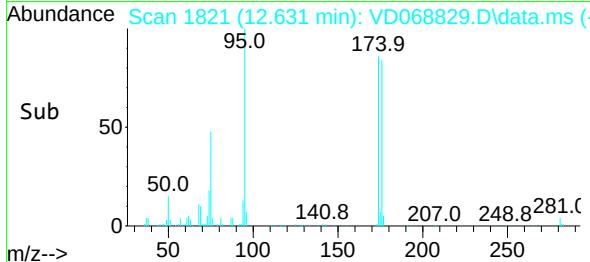
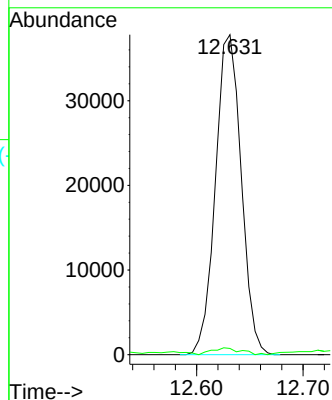
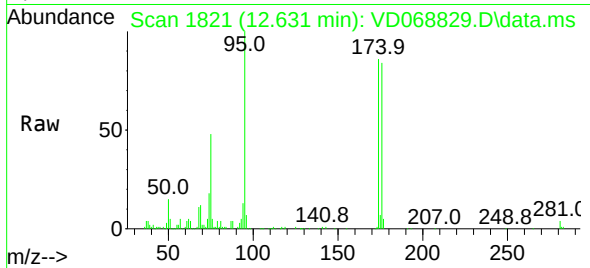




#76
1,2,3-Trichloropropane
Concen: 75.12 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.148 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

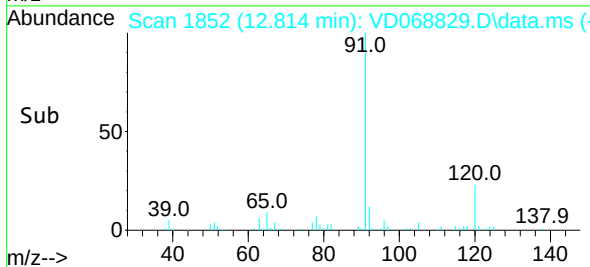
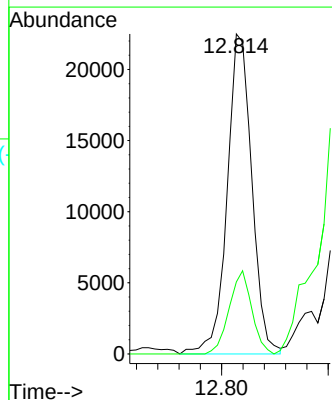
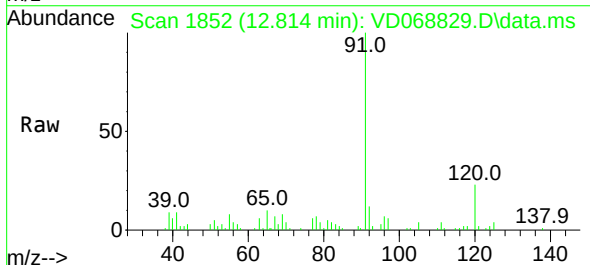
Instrument :
MSVOA_D
ClientSampleId :

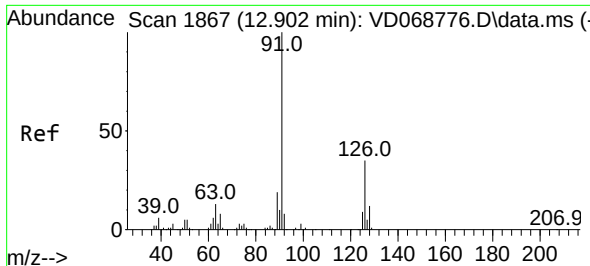
Tgt Ion: 75 Resp: 63405
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#



#78
n-propylbenzene
Concen: 4.42 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion: 91 Resp: 36222
Ion Ratio Lower Upper
91 100
120 23.7 11.4 34.2

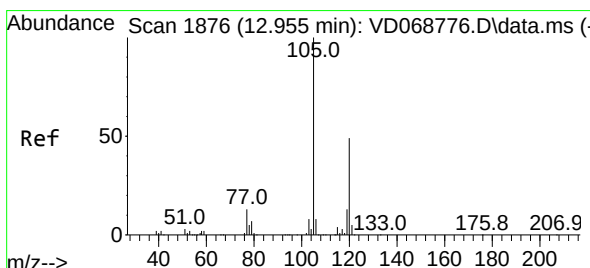
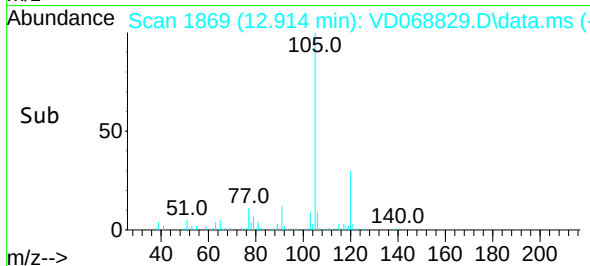
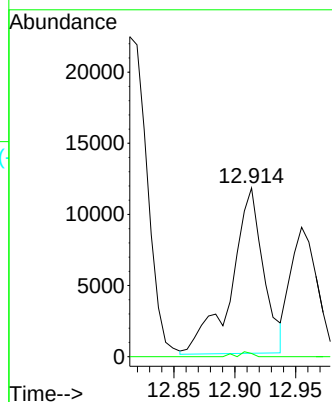
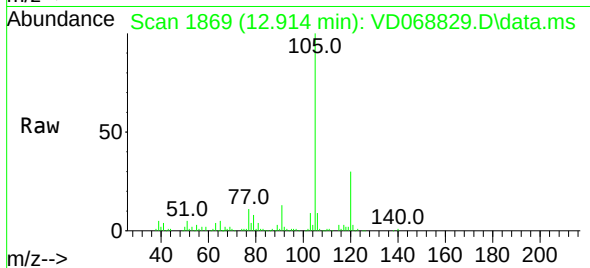




#79
2-Chlorotoluene
Concen: 4.67 ug/l
RT: 12.914 min Scan# 1869
Delta R.T. 0.012 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

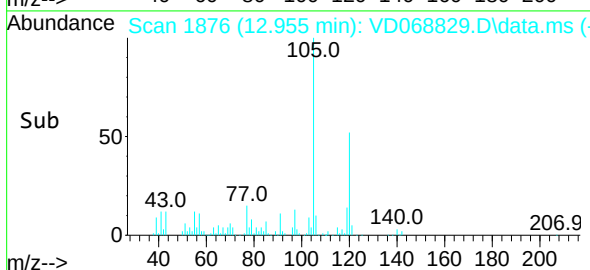
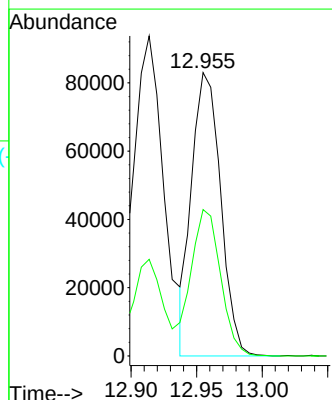
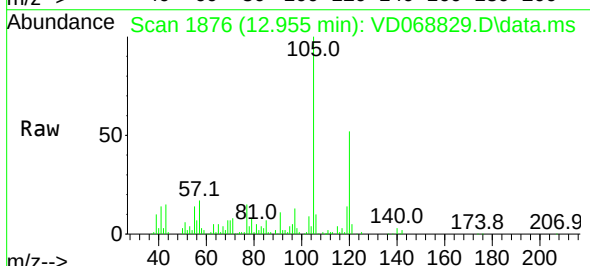
Instrument :
MSVOA_D
ClientSampled :

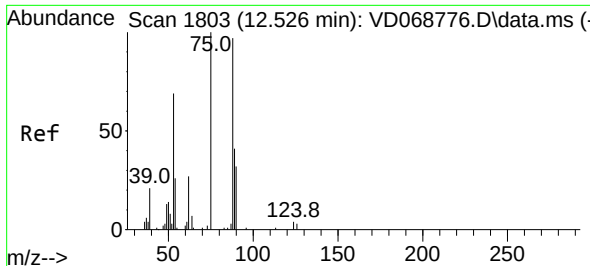
Tgt Ion: 91 Resp: 21383
Ion Ratio Lower Upper
91 100
126 1.3 17.1 51.3#



#80
1,3,5-Trimethylbenzene
Concen: 22.60 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion: 105 Resp: 127488
Ion Ratio Lower Upper
105 100
120 53.9 24.9 74.7

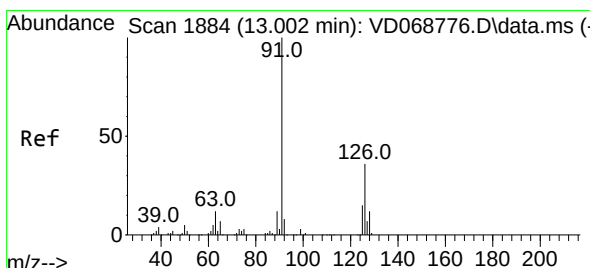
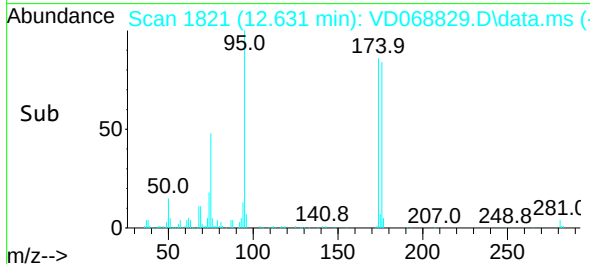
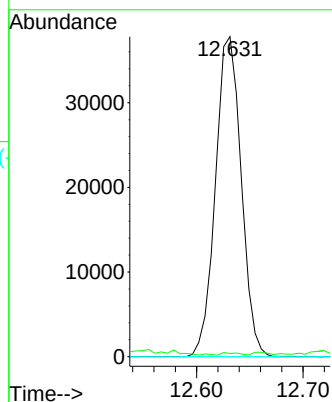
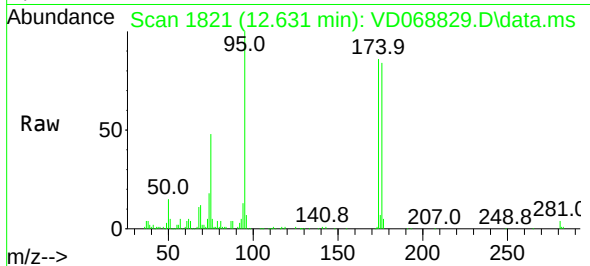




#81
trans-1,4-Dichloro-2-butene
Concen: 174.33 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.105 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

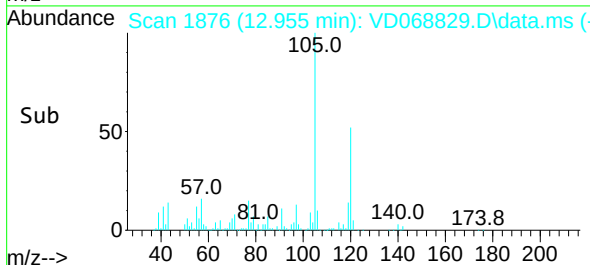
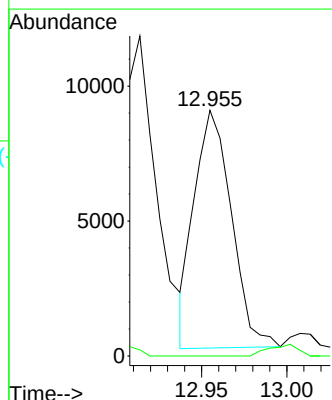
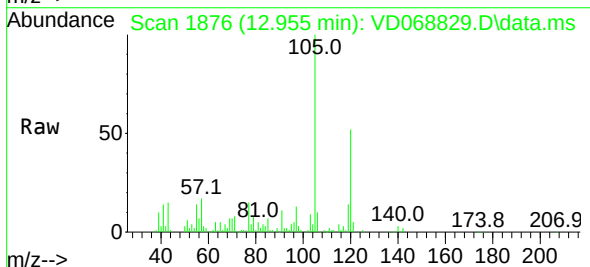
Instrument :
MSVOA_D
ClientSampleId :

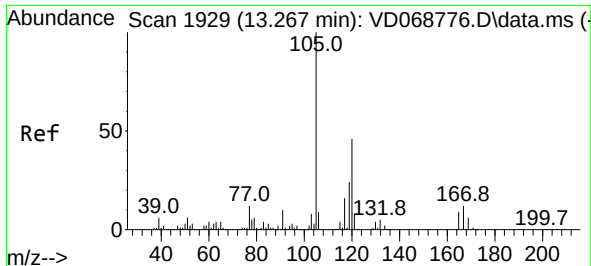
Tgt Ion: 75 Resp: 63405
Ion Ratio Lower Upper
75 100
53 0.5 66.8 100.2#
89 0.0 36.6 54.8#



#82
4-Chlorotoluene
Concen: 2.76 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.047 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion: 91 Resp: 13379
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.5#

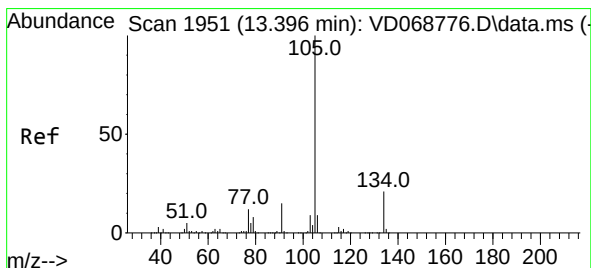
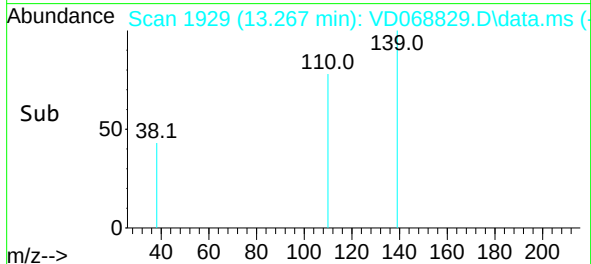
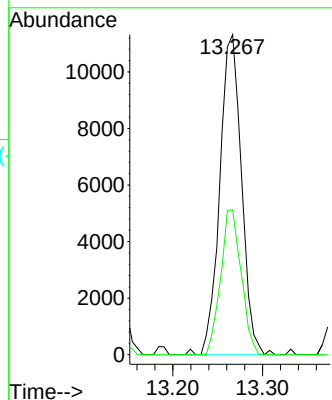
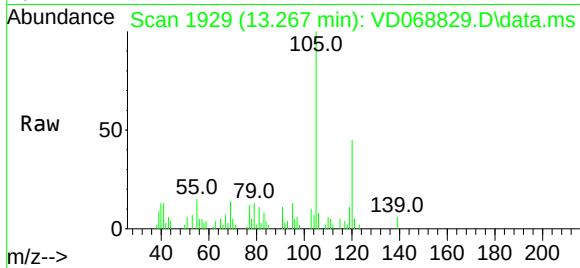




#84
1,2,4-Trimethylbenzene
Concen: 3.34 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

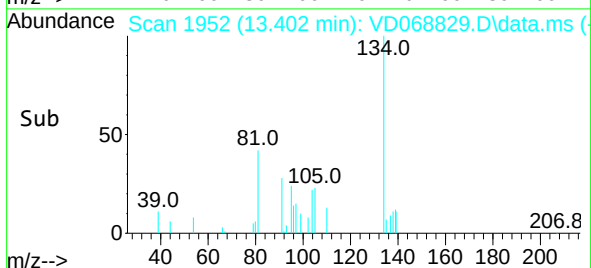
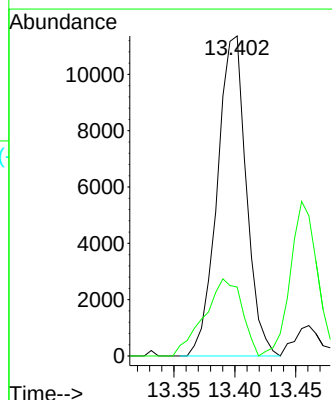
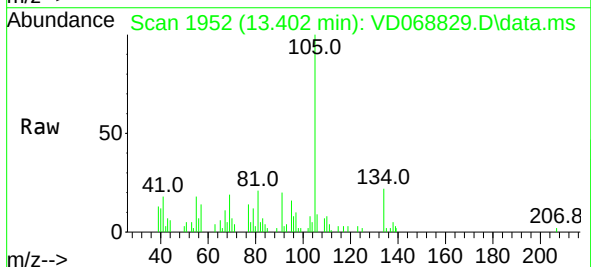
Instrument :
MSVOA_D
ClientSampled :

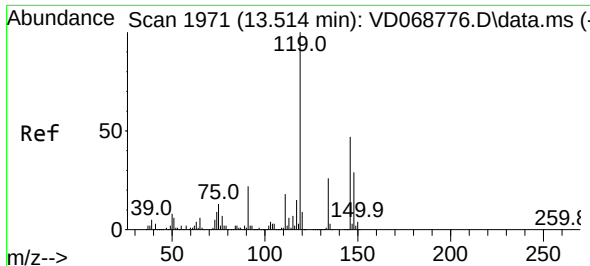
Tgt Ion:105 Resp: 19008
Ion Ratio Lower Upper
105 100
120 42.9 22.6 67.7



#85
sec-Butylbenzene
Concen: 2.80 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion:105 Resp: 18887
Ion Ratio Lower Upper
105 100
134 31.2 10.0 29.8#

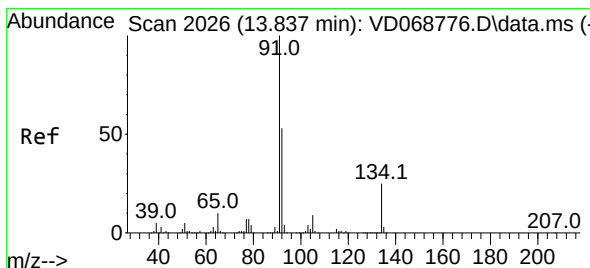
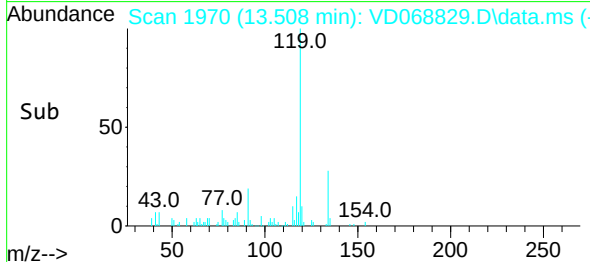
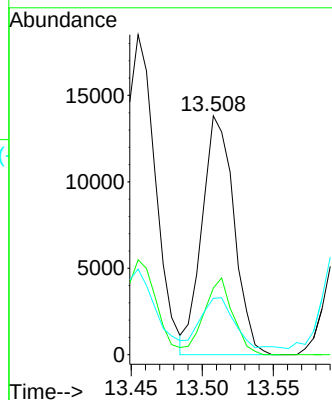
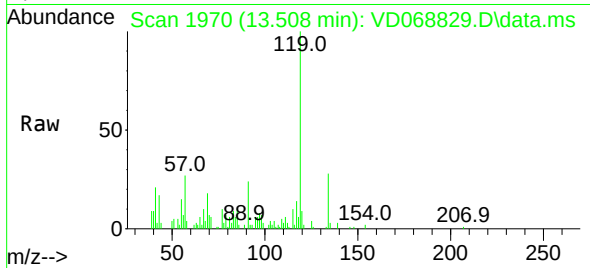




#86
p-Isopropyltoluene
Concen: 3.51 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

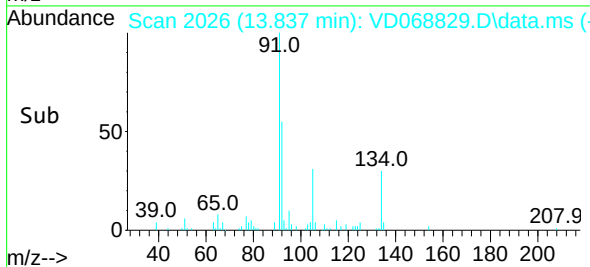
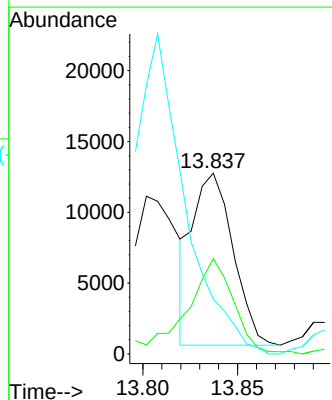
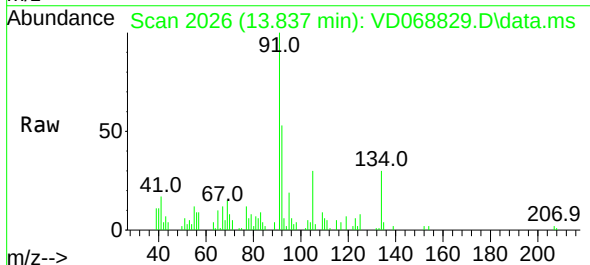
Instrument :
MSVOA_D
ClientSampled :

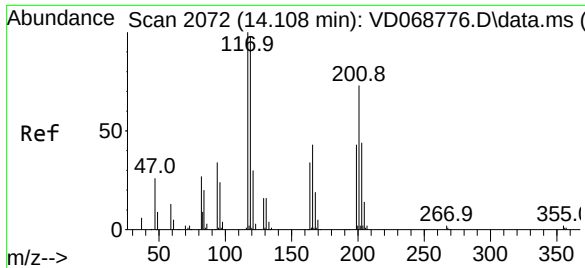
Tgt Ion:	119	Resp:	21635
Ion	Ratio	Lower	Upper
119	100		
134	28.8	13.3	39.9
91	22.5	11.1	33.1



#89
n-Butylbenzene
Concen: 3.09 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion:	91	Resp:	17980
Ion	Ratio	Lower	Upper
91	100		
92	65.6	26.7	80.1
134	0.0	12.9	38.6#

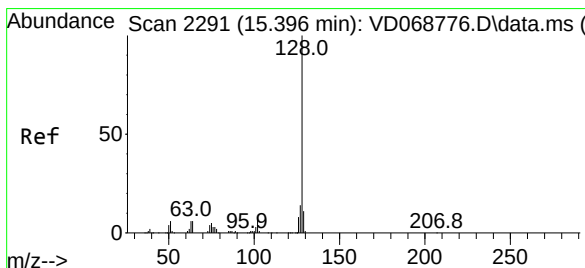
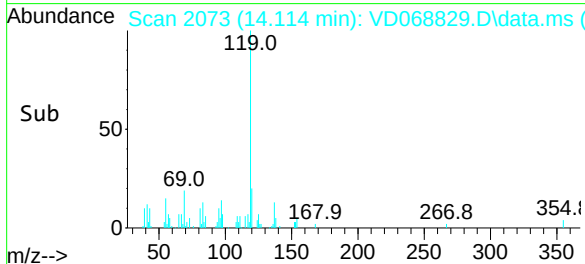
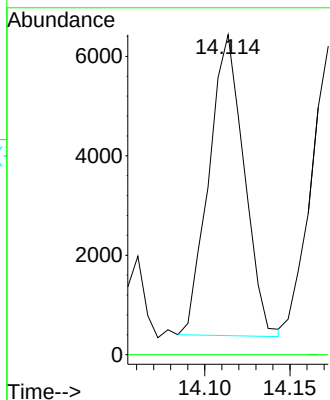
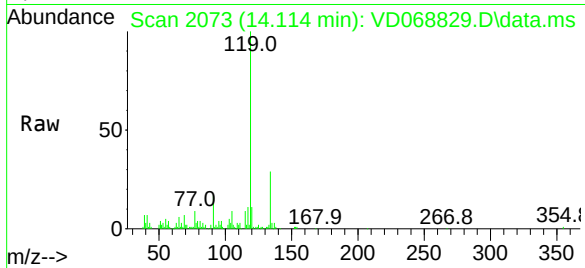




#90
Hexachloroethane
Concen: 7.06 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:117 Resp: 8676
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.2#



#95
Naphthalene
Concen: 4.17 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068829.D
Acq: 12 Apr 2021 13:48

Tgt Ion:128 Resp: 12500
Ion Ratio Lower Upper
128 100
127 30.5 10.2 15.4#
129 9.7 8.9 13.3

