

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070331.D
 Acq On : 13 Sep 2021 17:25
 Operator : VA/SY
 Sample : M3684-01RE
 Misc : 5.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A018015

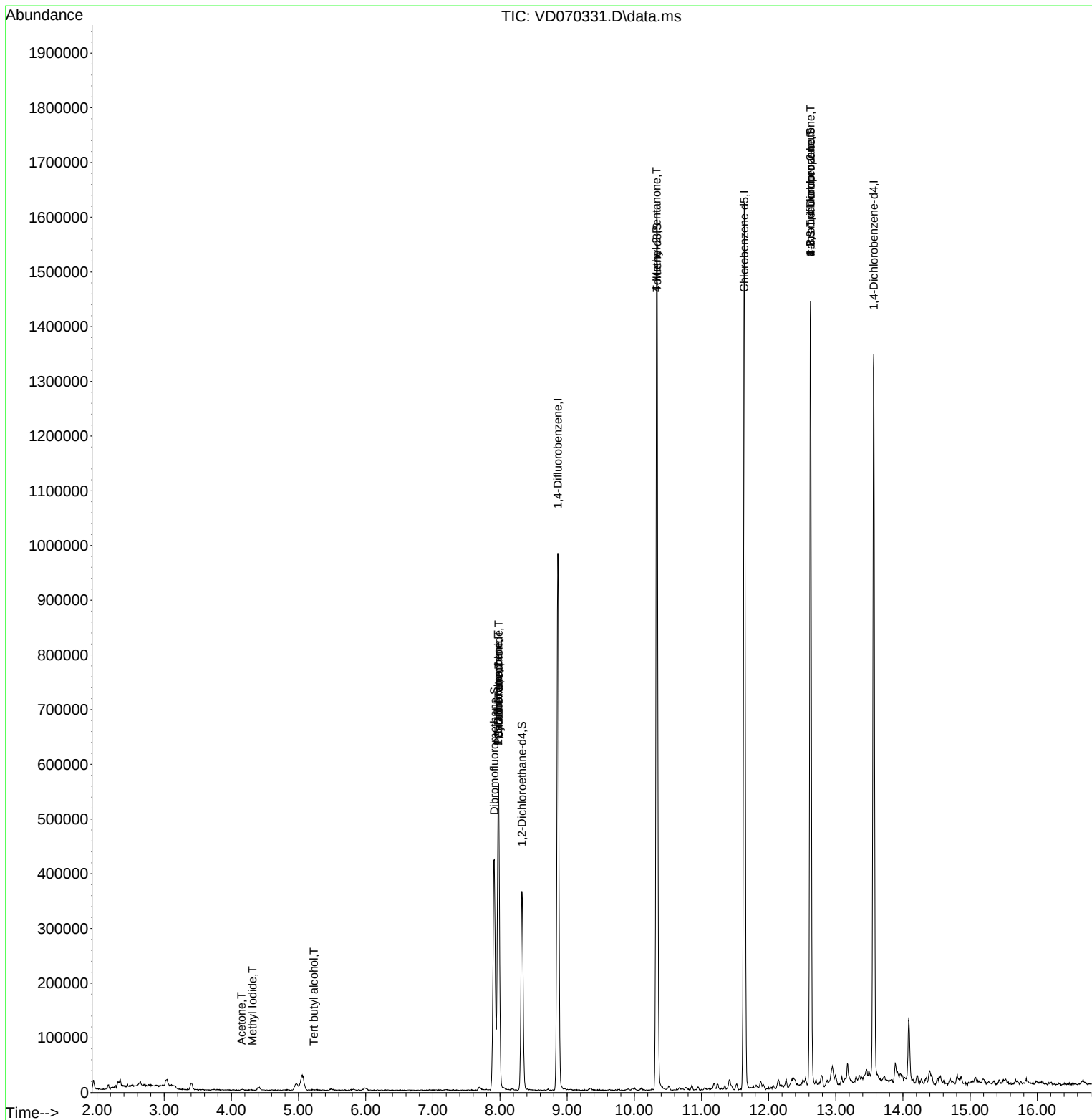
Quant Time: Sep 14 00:55:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

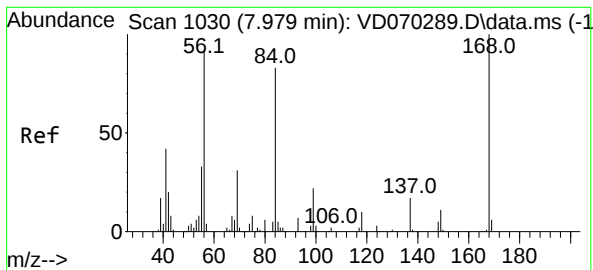
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	401928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	846672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	931855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	361337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	297699	57.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.360%
35) Dibromofluoromethane	7.914	113	310382	51.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.000%
50) Toluene-d8	10.338	98	1117718	51.080	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.626	95	422767	55.283	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	376	Below Cal	#	43
3) Chloromethane	2.209	50	1035	Below Cal	#	84
5) Bromomethane	2.779	94	1663	Below Cal	#	74
6) Chloroethane	2.909	64	78	Below Cal	#	43
10) Methyl Iodide	4.314	142	520	1.131	ug/l #	58
11) Tert butyl alcohol	5.226	59	1203	2.062	ug/l #	100
16) Acetone	4.150	43	1114	1.209	ug/l	98
18) Methyl Acetate	4.726	43	57	Below Cal	#	48
20) Methylene Chloride	4.967	84	8838	Below Cal	#	87
31) Cyclohexane	7.979	56	9889	1.112	ug/l #	15
36) 1,1-Dichloropropene	7.973	75	35502	3.923	ug/l #	48
38) Carbon Tetrachloride	7.979	117	43528	4.863	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	4844	1.496	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	211181	57.779	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	211181	144.771	ug/l #	18

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
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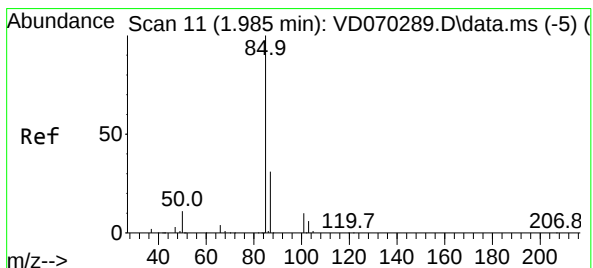
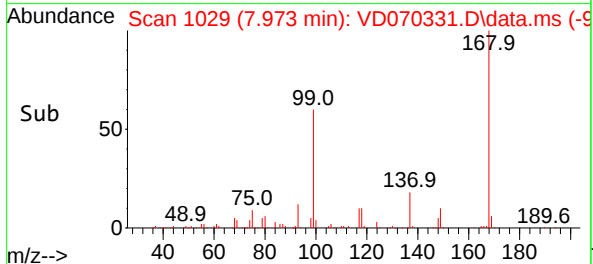
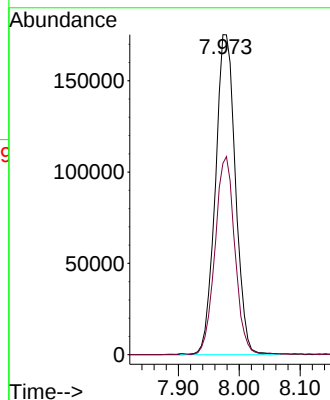
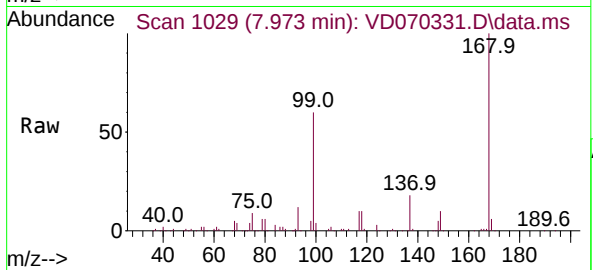




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

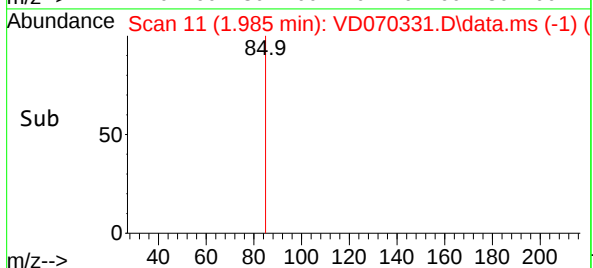
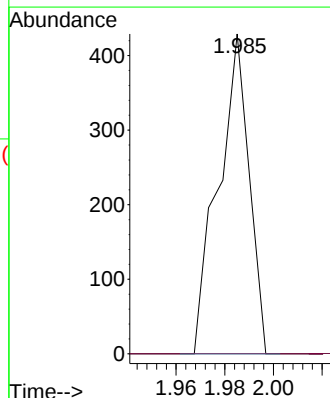
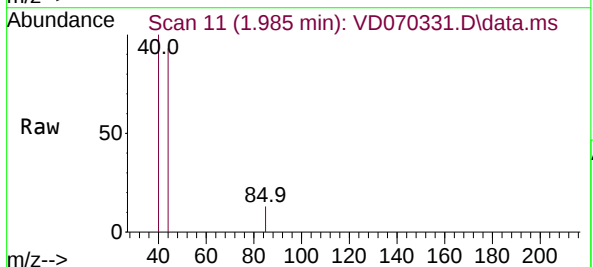
Instrument :
MSVOA_D
ClientSampleId :
A018015

Tgt Ion:168 Resp: 401928
Ion Ratio Lower Upper
168 100
99 59.5 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion: 85 Resp: 376
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

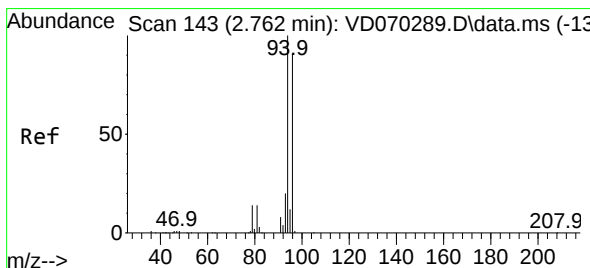
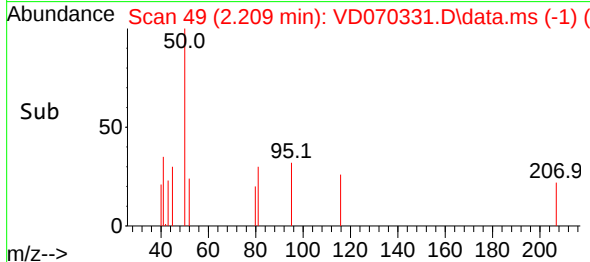
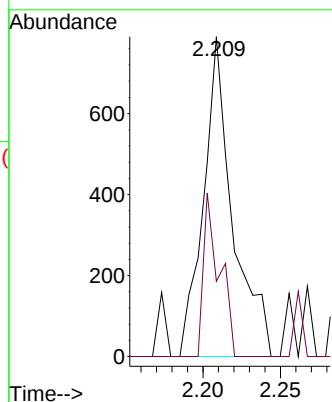
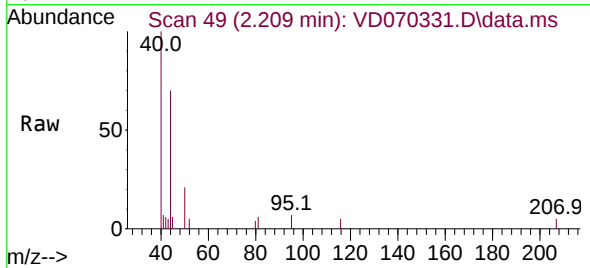




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

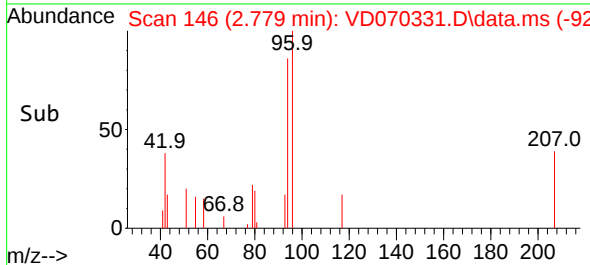
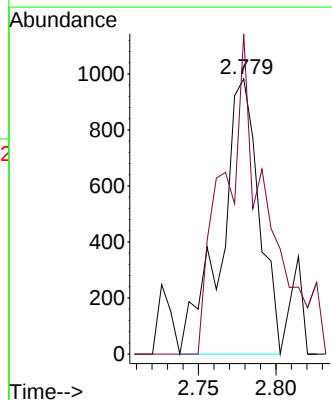
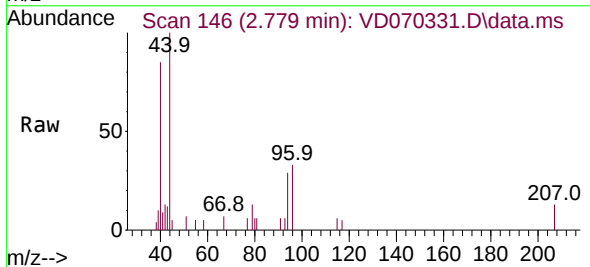
Instrument :
MSVOA_D
ClientSampleId :
A018015

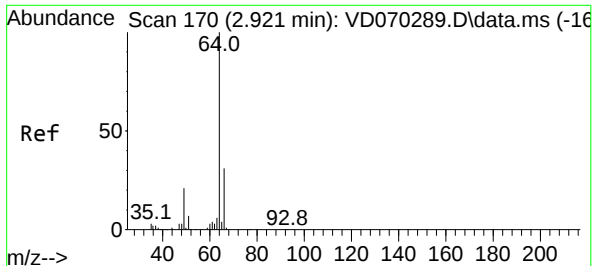
Tgt Ion: 50 Resp: 1035
Ion Ratio Lower Upper
50 100
52 23.5 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion: 94 Resp: 1663
Ion Ratio Lower Upper
94 100
96 116.3 73.0 109.6#

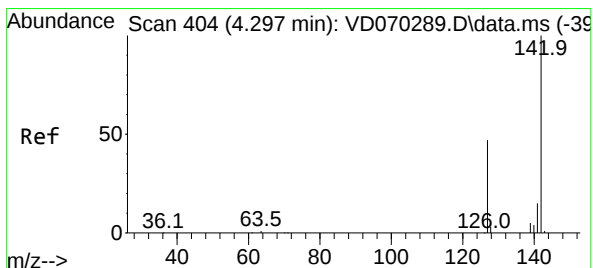
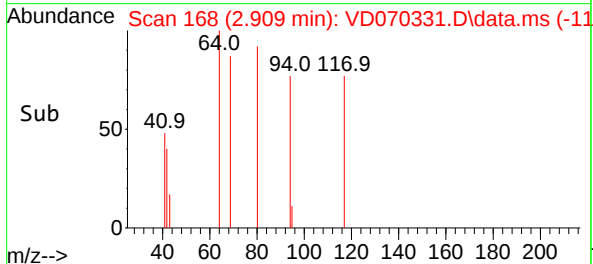
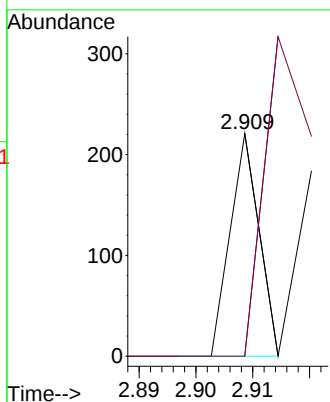
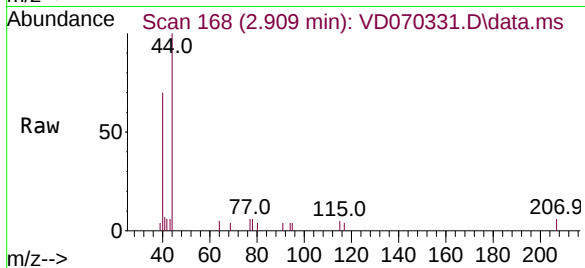




#6
Chloroethane
Concen: Below Cal
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

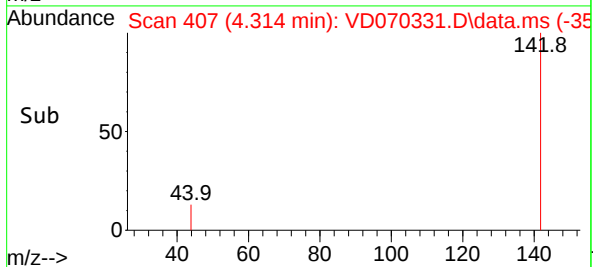
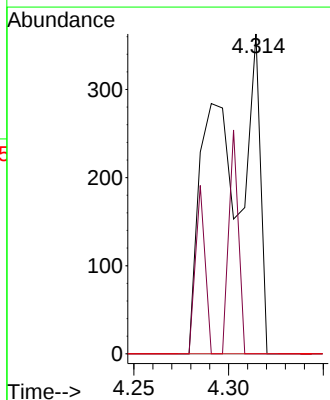
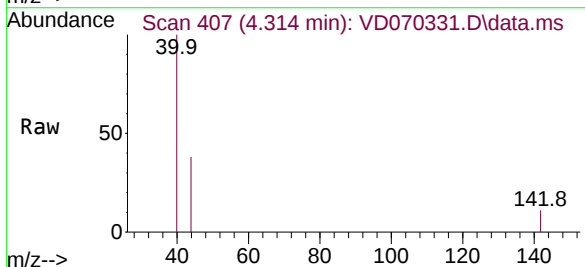
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ClientSampleId :
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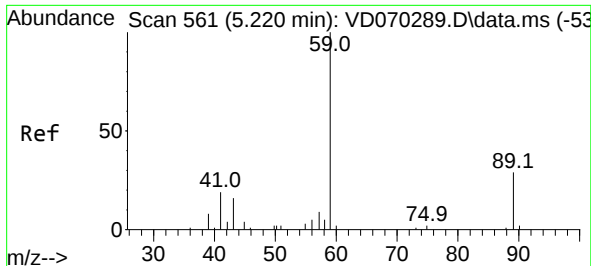
Tgt Ion: 64 Resp: 78
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.131 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.017 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion: 142 Resp: 520
Ion Ratio Lower Upper
142 100
127 17.3 36.9 55.3#
141 0.0 11.8 17.6#

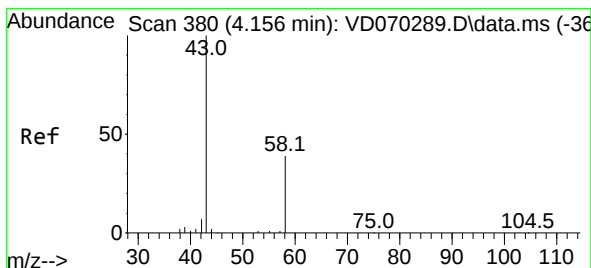
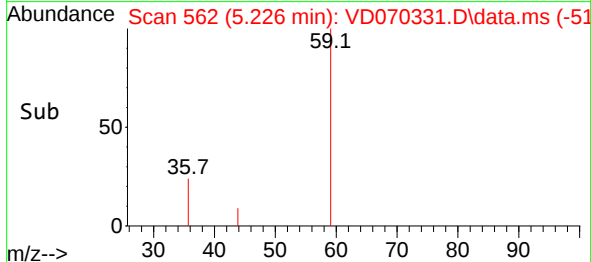
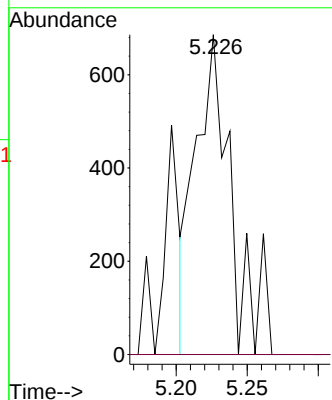
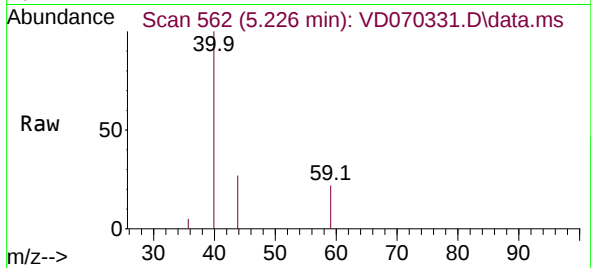




#11
Tert butyl alcohol
Concen: 2.062 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

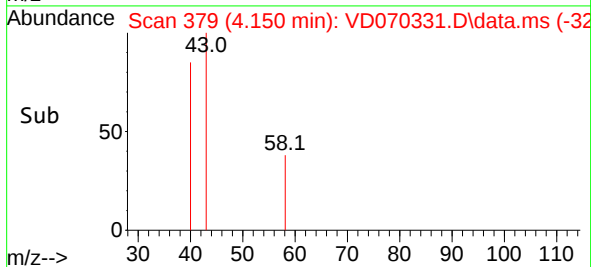
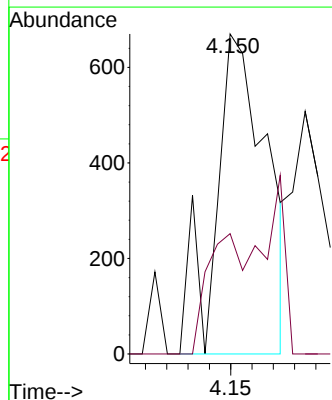
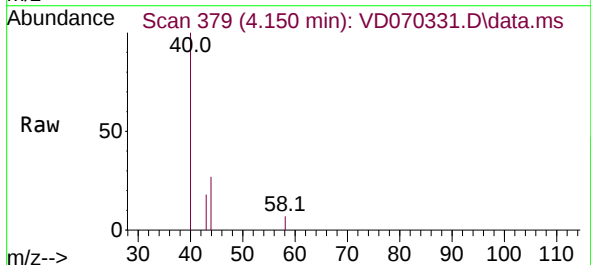
Instrument :
MSVOA_D
ClientSampleId :
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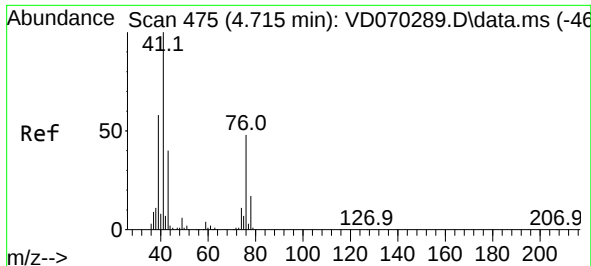
Tgt Ion: 59 Resp: 1203
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 1.209 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 37.6 30.9 46.3

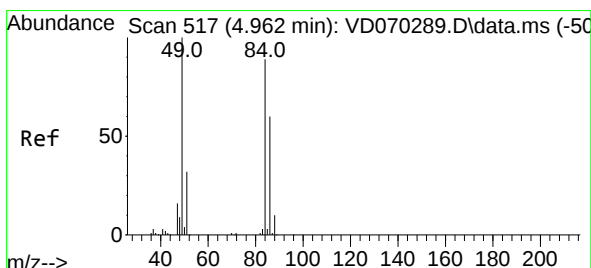
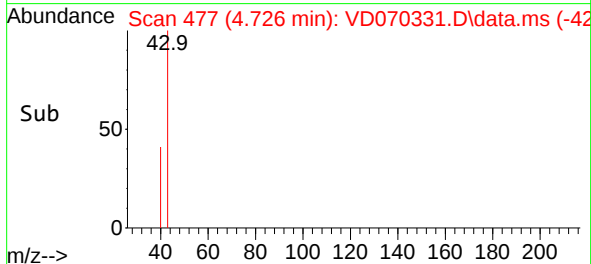
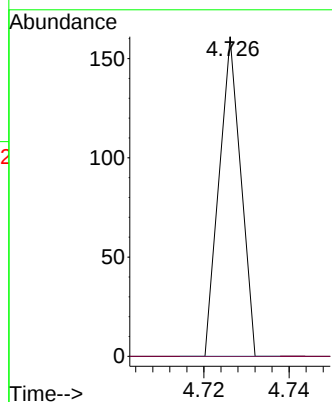
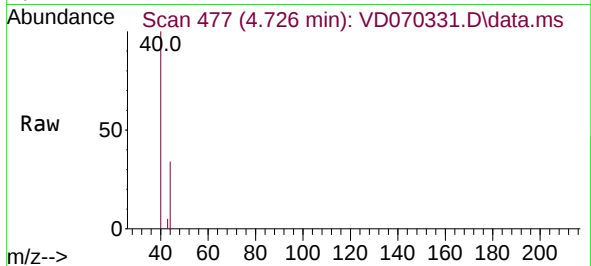




#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

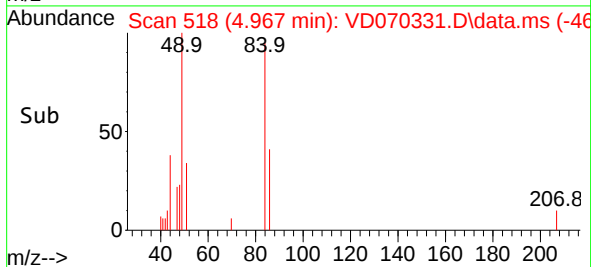
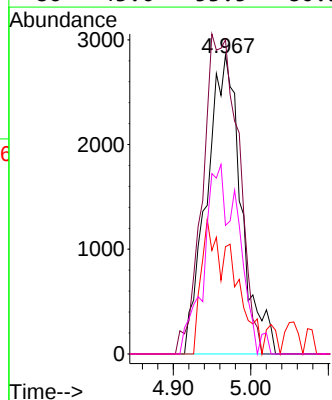
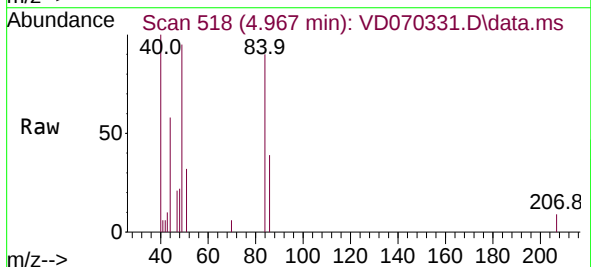
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ClientSampleID :
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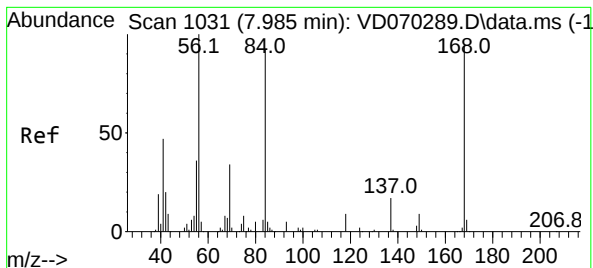
Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion: 84 Resp: 8838
Ion Ratio Lower Upper
84 100
49 105.1 89.6 134.4
51 35.8 28.6 43.0
86 43.0 53.5 80.3#

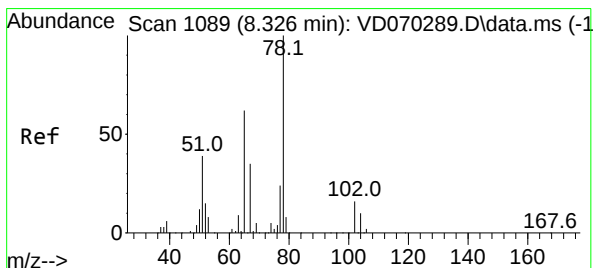
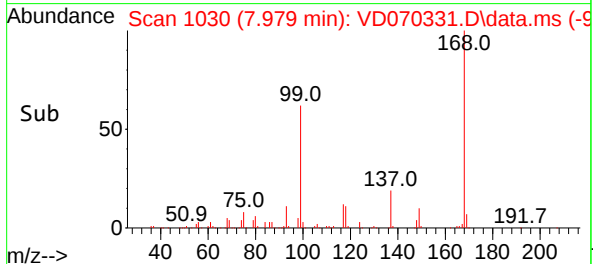
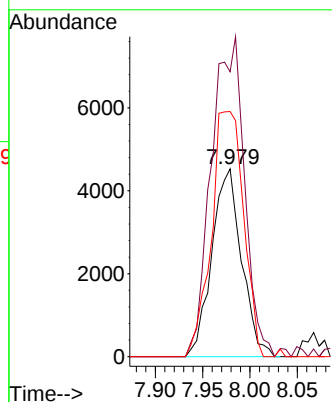
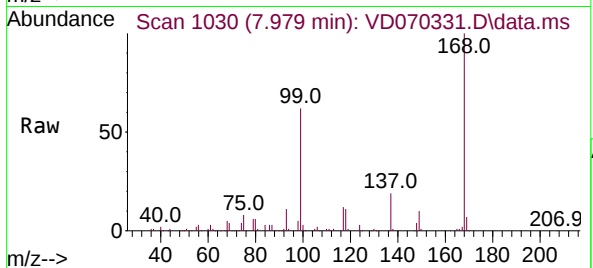




#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

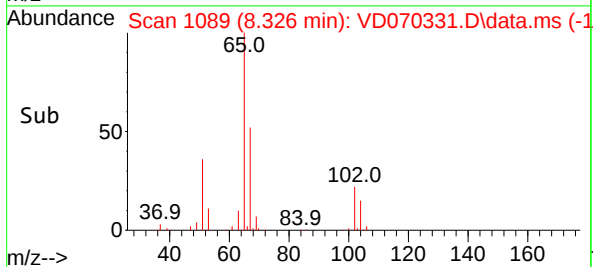
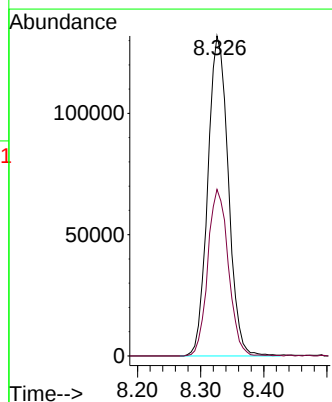
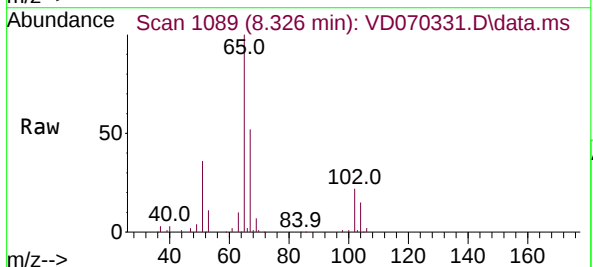
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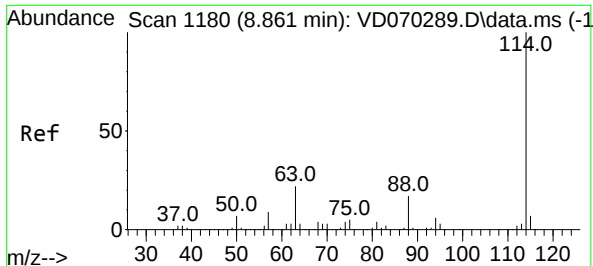
Tgt Ion: 56 Resp: 9889
Ion Ratio Lower Upper
56 100
69 151.7 26.9 40.3#
84 130.5 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 57.684 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion: 65 Resp: 297699
Ion Ratio Lower Upper
65 100
67 52.4 0.0 111.4

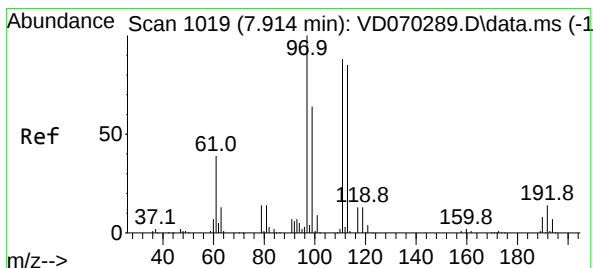
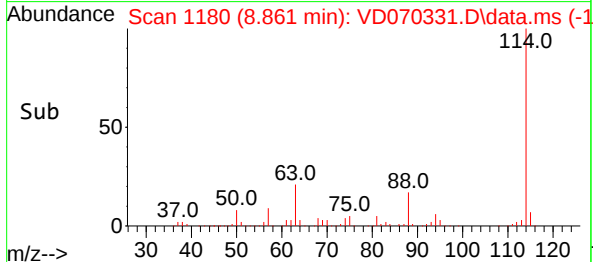
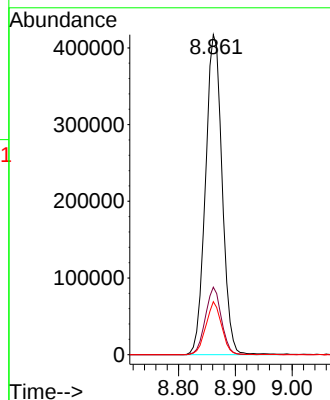
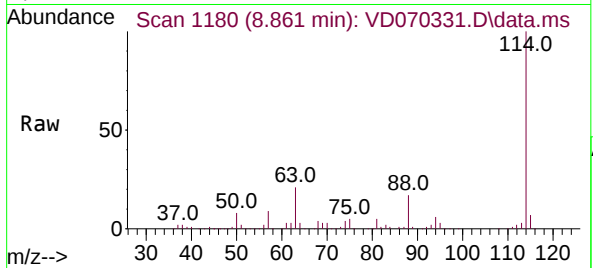




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

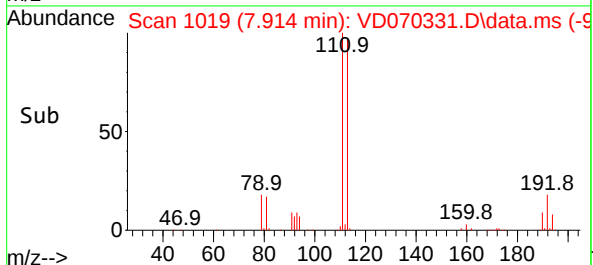
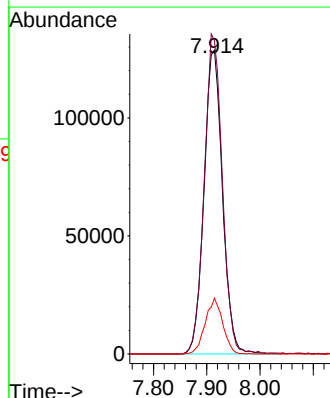
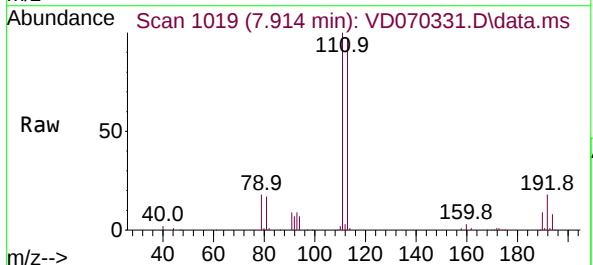
Instrument :
MSVOA_D
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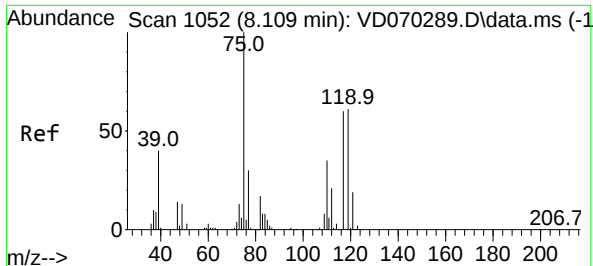
Tgt Ion:114 Resp: 846672
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.4
88 16.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 51.501 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion:113 Resp: 310382
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.2
192 17.3 13.0 19.6

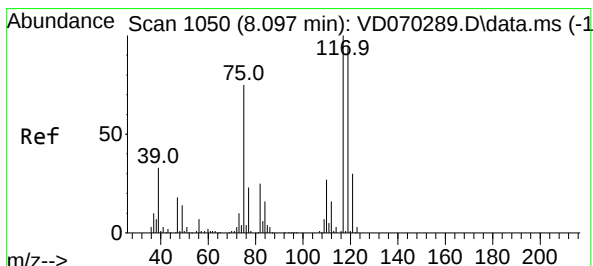
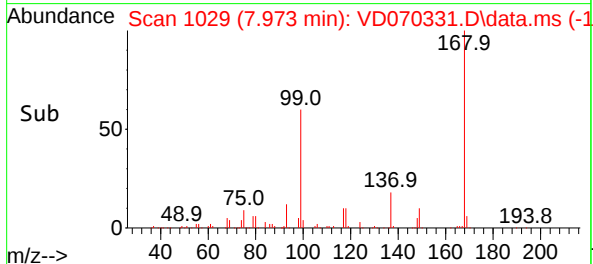
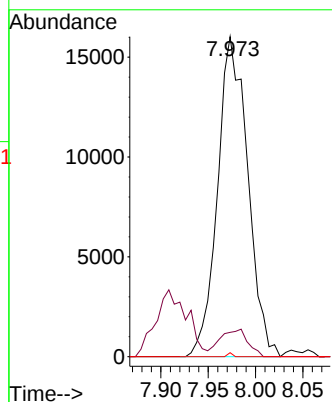
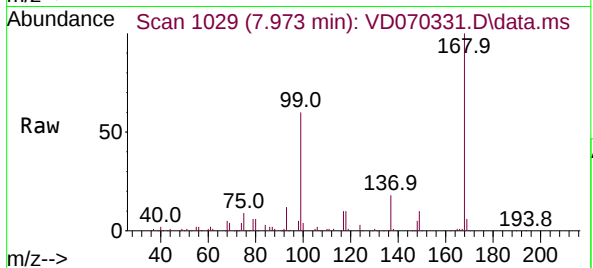




#36
1,1-Dichloropropene
Concen: 3.923 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

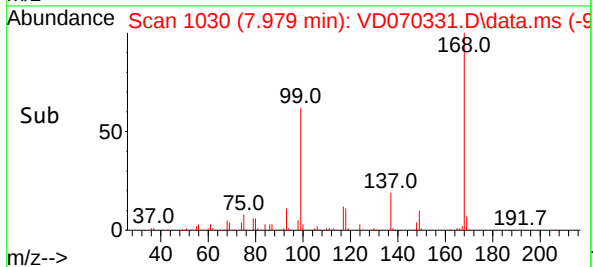
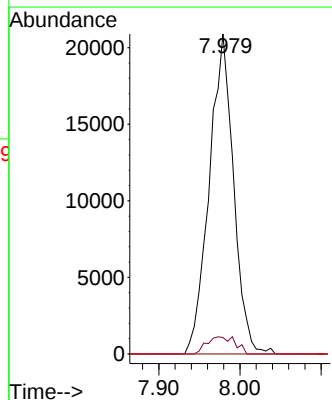
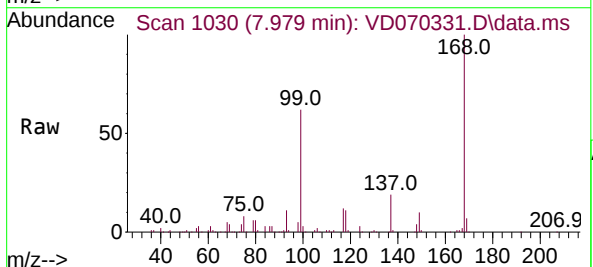
Instrument :
MSVOA_D
ClientSampleId :
A018015

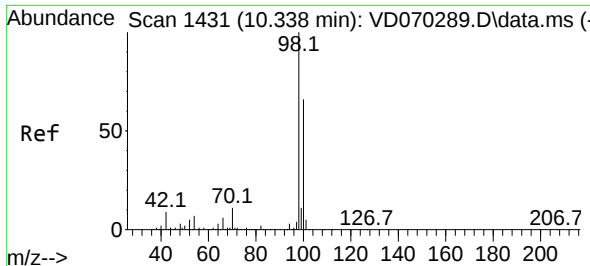
Tgt Ion: 75 Resp: 35502
Ion Ratio Lower Upper
75 100
110 7.9 17.9 53.7#
77 0.2 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.863 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion: 117 Resp: 43528
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 23.8 35.6#

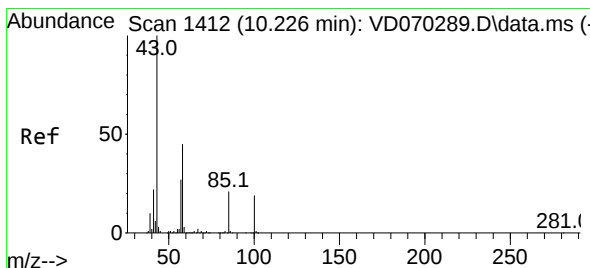
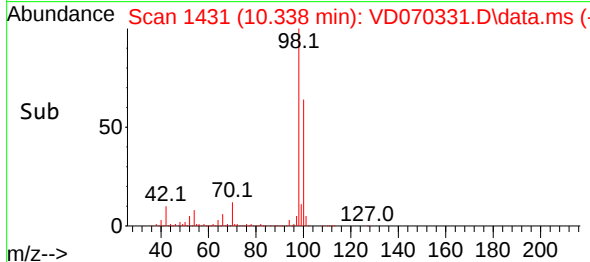
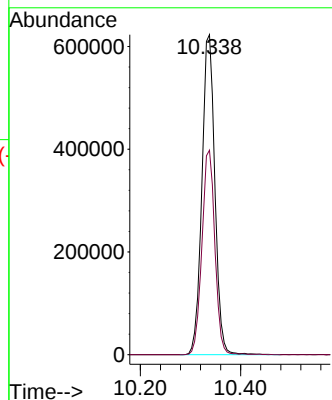
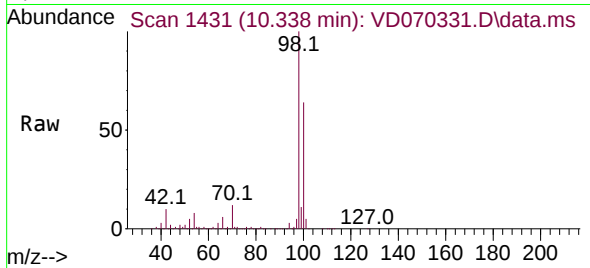




#50
Toluene-d8
Concen: 51.080 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

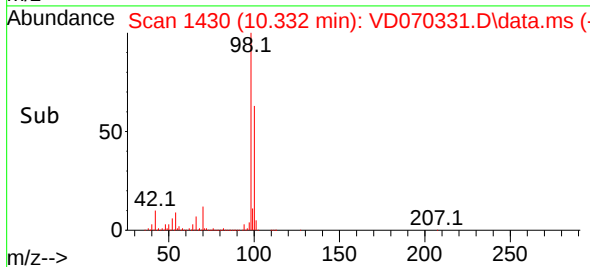
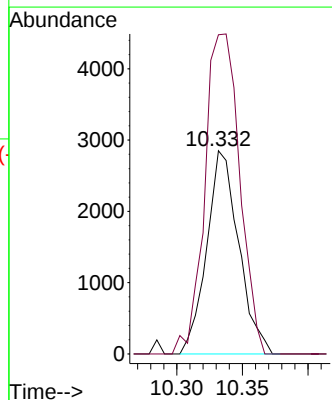
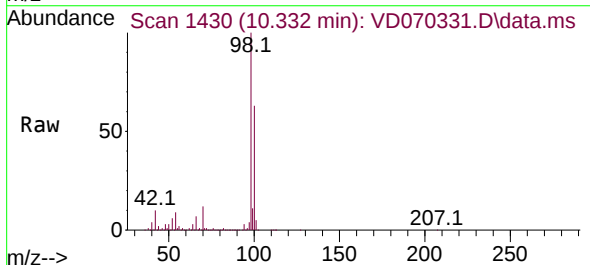
Instrument :
MSVOA_D
ClientSampleId :
A018015

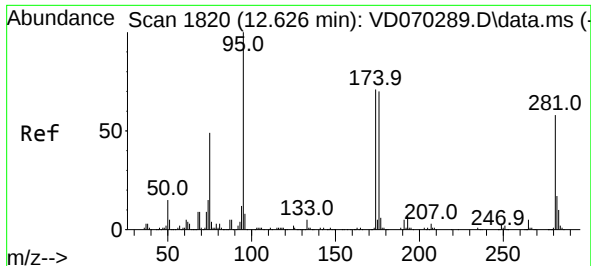
Tgt Ion: 98 Resp: 1117718
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.496 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion: 43 Resp: 4844
Ion Ratio Lower Upper
43 100
58 171.6 35.4 53.2#

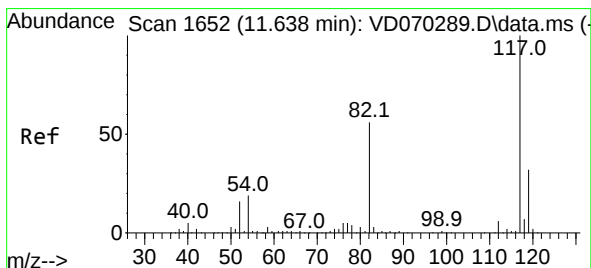
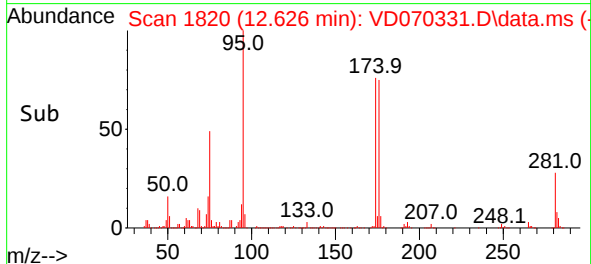
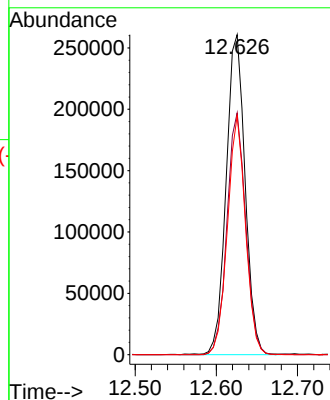
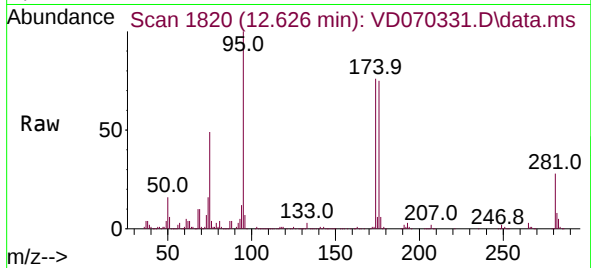




#62
4-Bromofluorobenzene
Concen: 55.283 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

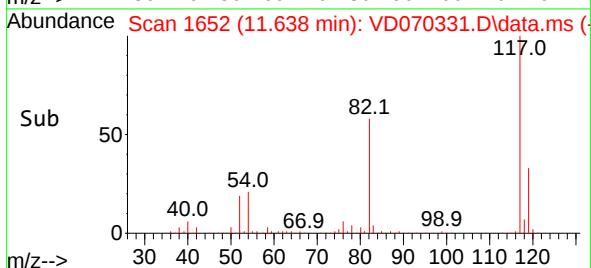
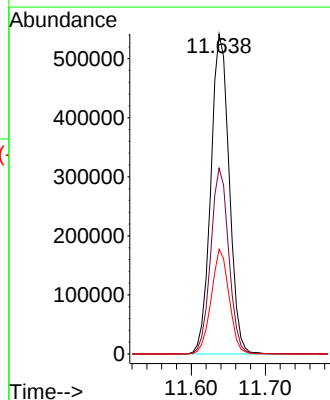
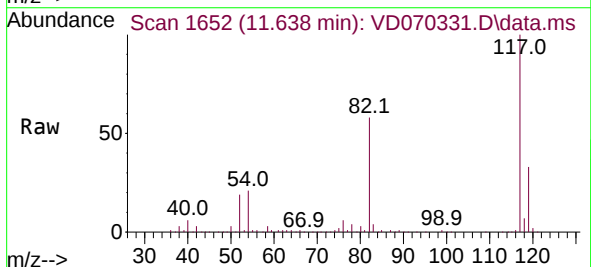
Instrument :
MSVOA_D
ClientSampleId :
A018015

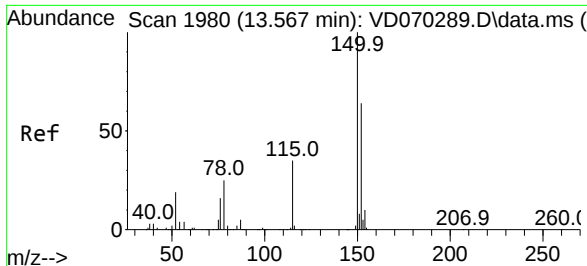
Tgt Ion: 95 Resp: 422767
Ion Ratio Lower Upper
95 100
174 74.5 0.0 140.6
176 71.0 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070331.D
Acq: 13 Sep 2021 17:25

Tgt Ion: 117 Resp: 931855
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.7 25.2 37.8

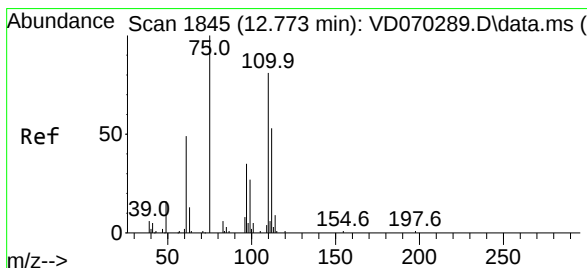
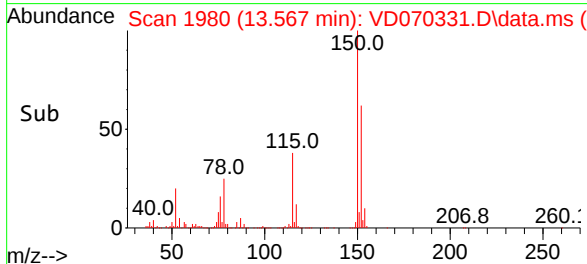
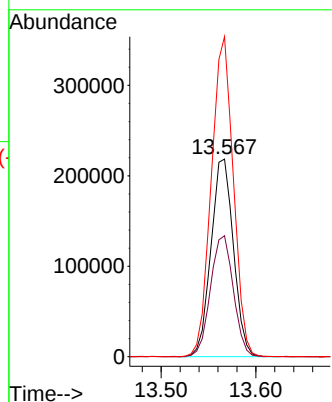
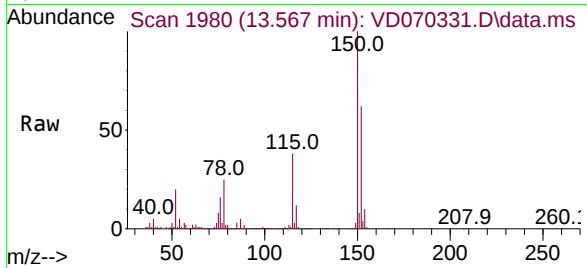




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070331.D
 Acq: 13 Sep 2021 17:25

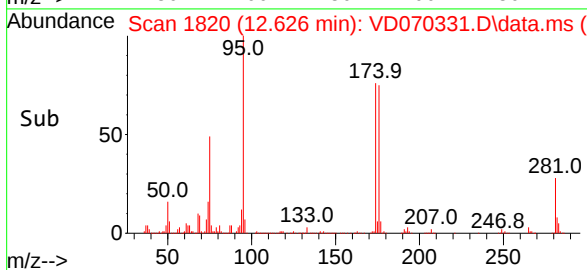
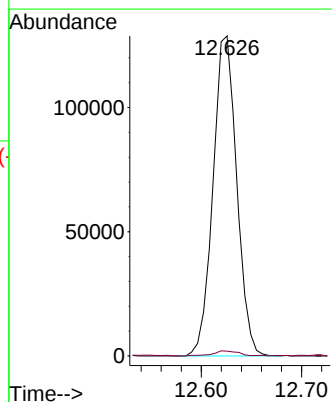
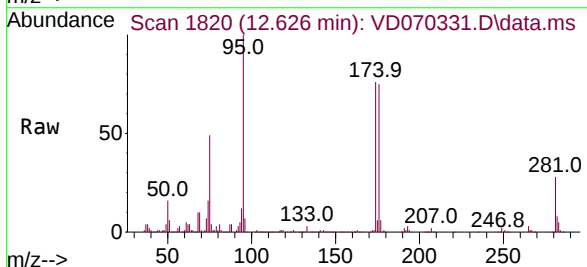
Instrument :
 MSVOA_D
 ClientSampleId :
 A018015

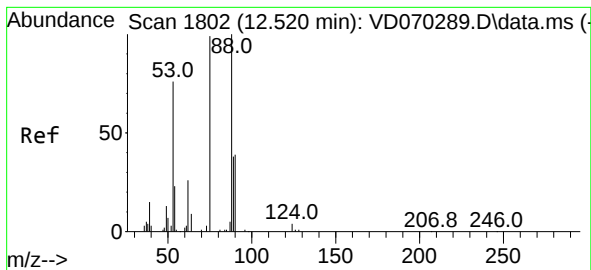
Tgt Ion:152 Resp: 361337
 Ion Ratio Lower Upper
 152 100
 115 62.2 32.1 96.3
 150 158.4 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 57.779 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070331.D
 Acq: 13 Sep 2021 17:25

Tgt Ion: 75 Resp: 211181
 Ion Ratio Lower Upper
 75 100
 77 1.8 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.771 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070331.D
 Acq: 13 Sep 2021 17:25

Instrument :
 MSVOA_D
 ClientSampleId :
 A018015

Tgt Ion: 75 Resp: 211181
 Ion Ratio Lower Upper
 75 100
 53 0.3 64.2 96.2#
 89 0.2 35.6 53.4#

