

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033022\
 Data File : VD072482.D
 Acq On : 30 Mar 2022 16:41
 Operator : VA/SY
 Sample : N2120-05
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 337

Quant Time: Mar 31 03:09:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

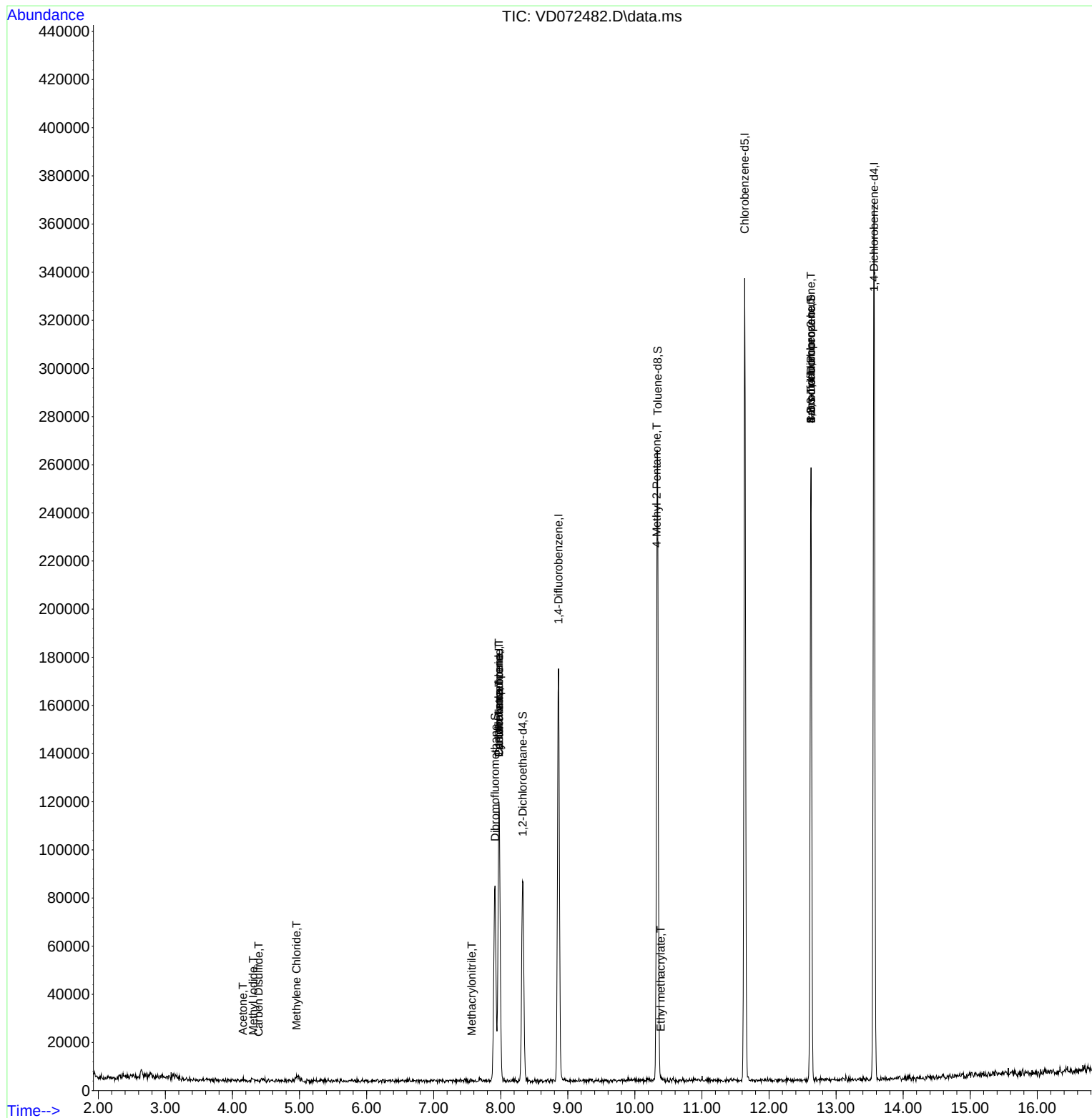
Internal Standards						
1) Pentafluorobenzene	7.973	168	82914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	145719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	185520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	95563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	67720	67.517	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.040%			
35) Dibromofluoromethane	7.914	113	58106	51.310	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.620%			
50) Toluene-d8	10.338	98	181700	46.159	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.320%			
62) 4-Bromofluorobenzene	12.626	95	85594	55.676	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.360%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	913	4.683	ug/l #	82
16) Acetone	4.156	43	911	4.871	ug/l	96
17) Carbon Disulfide	4.391	76	59	3.660	ug/l #	74
20) Methylene Chloride	4.956	84	1780	1.599	ug/l #	78
31) Cyclohexane	7.973	56	2059	1.570	ug/l #	10
36) 1,1-Dichloropropene	7.973	75	7013	5.861	ug/l #	51
38) Carbon Tetrachloride	7.973	117	8890	5.698	ug/l #	17
41) Methacrylonitrile	7.567	41	68	1.846	ug/l #	27
51) 4-Methyl-2-Pentanone	10.326	43	677	1.096	ug/l #	1
56) Ethyl methacrylate	10.385	69	59	1.244	ug/l #	18
71) Bromoform	12.626	173	934	1.062	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	42906	41.166	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	42906	101.013	ug/l #	7

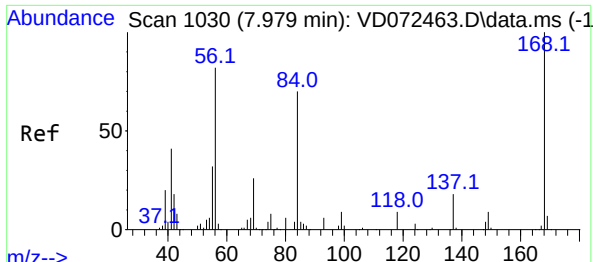
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
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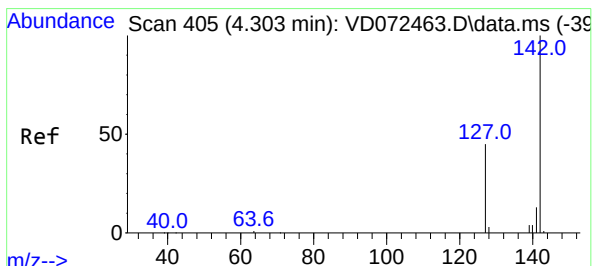
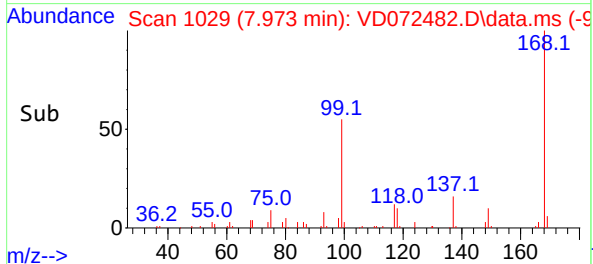
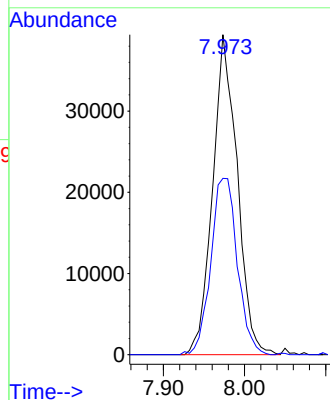
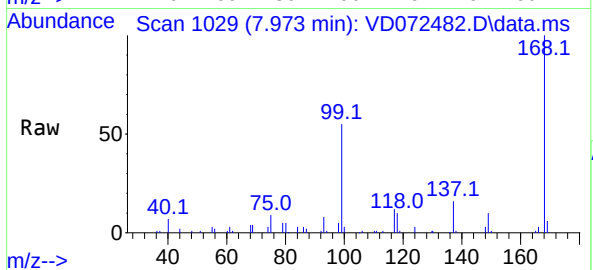




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

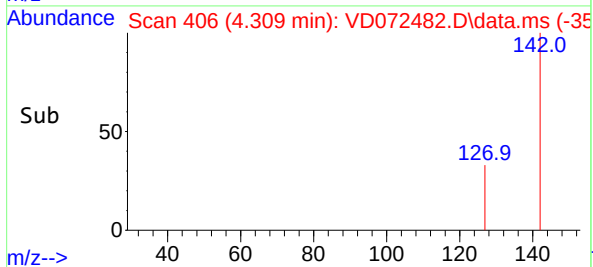
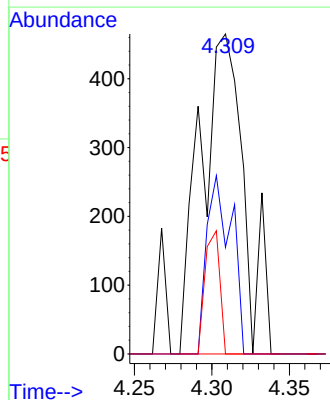
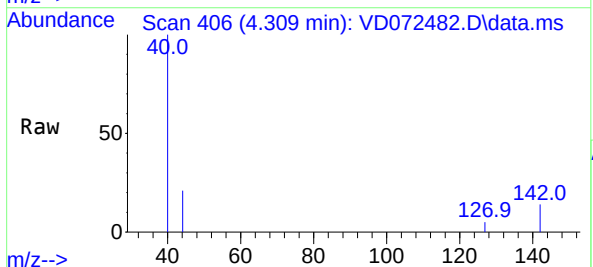
Instrument :
MSVOA_D
ClientSampleId :
337

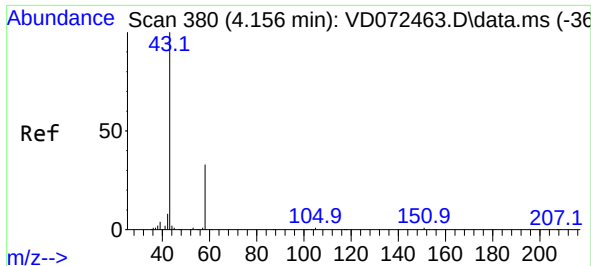
Tgt Ion:168 Resp: 82914
Ion Ratio Lower Upper
168 100
99 55.1 49.8 74.6



#10
Methyl Iodide
Concen: 4.683 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Tgt Ion:142 Resp: 913
Ion Ratio Lower Upper
142 100
127 31.7 37.3 55.9#
141 12.9 11.7 17.5

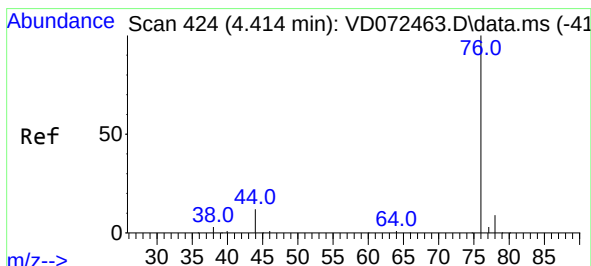
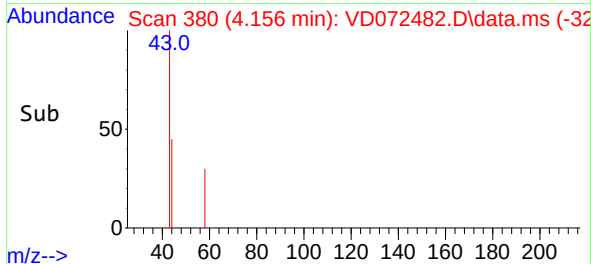
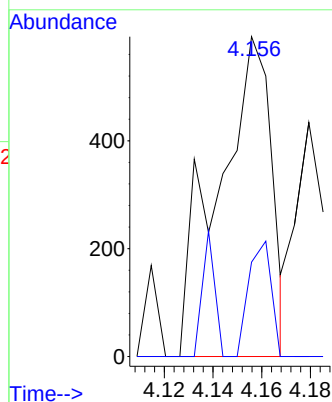
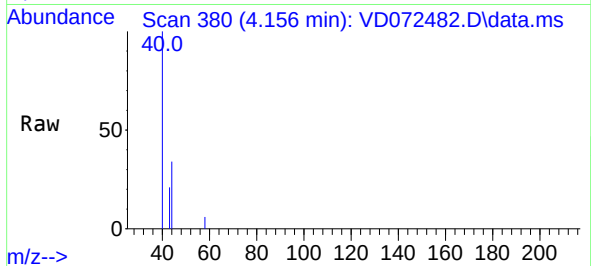




#16
Acetone
Concen: 4.871 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

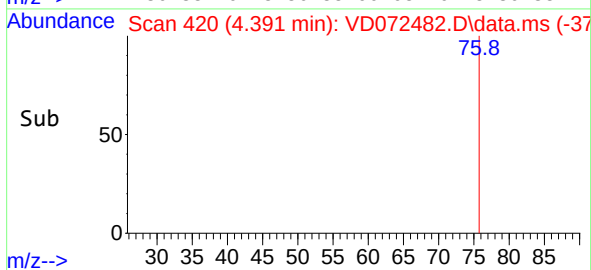
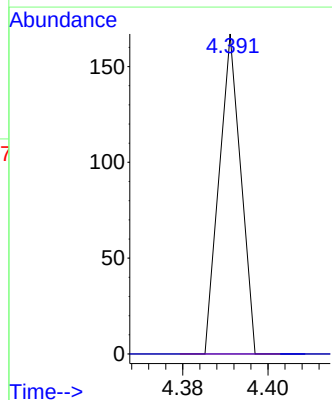
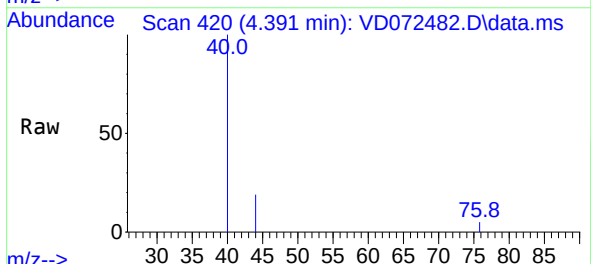
Instrument :
MSVOA_D
ClientSampleId :
337

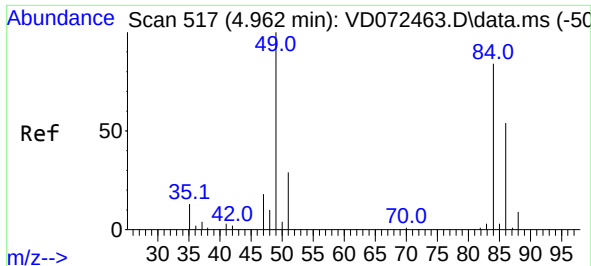
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
58 29.5 22.1 33.1



#17
Carbon Disulfide
Concen: 3.660 ug/l
RT: 4.391 min Scan# 420
Delta R.T. -0.023 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Tgt Ion: 76 Resp: 59
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



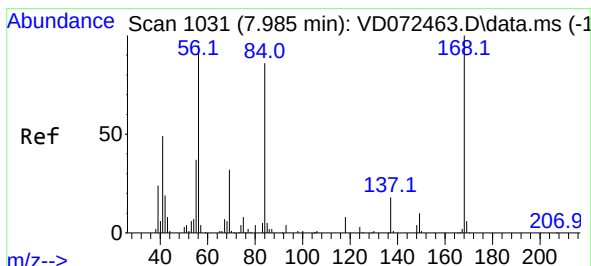
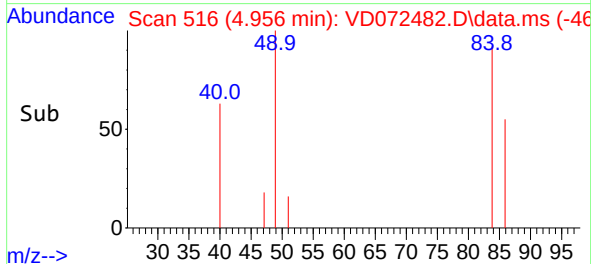
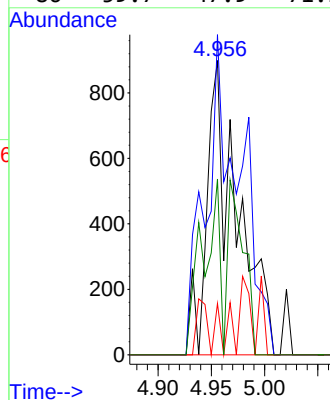
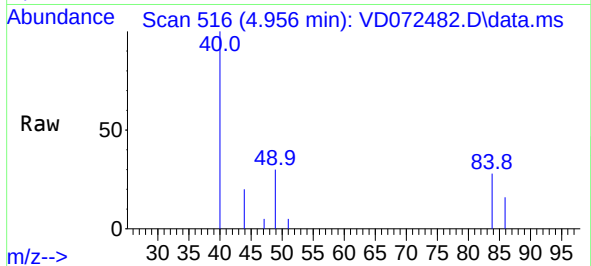


#20
Methylene Chloride
Concen: 1.599 ug/l
RT: 4.956 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Instrument :
MSVOA_D
ClientSampleId :
337

Tgt Ion: 84 Resp: 1780

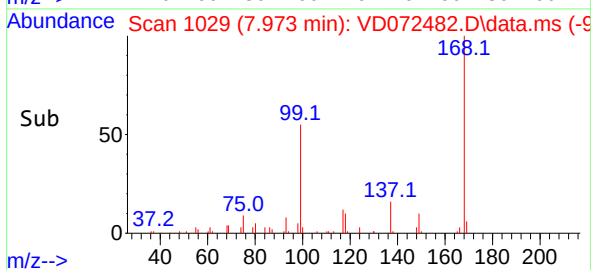
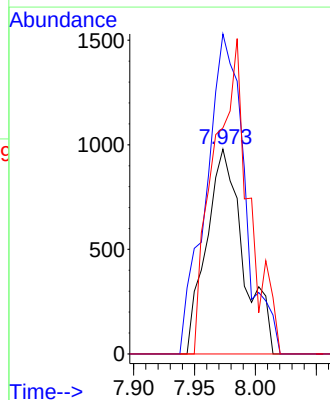
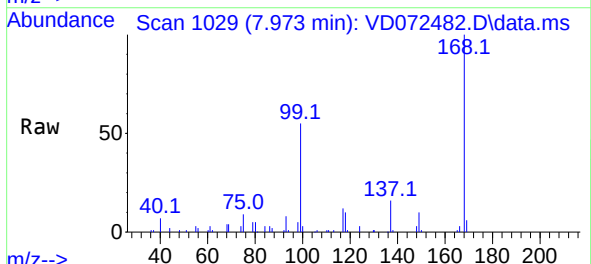
Ion	Ratio	Lower	Upper
84	100		
49	108.8	112.8	169.2#
51	17.5	32.6	48.8#
86	59.7	47.9	71.9

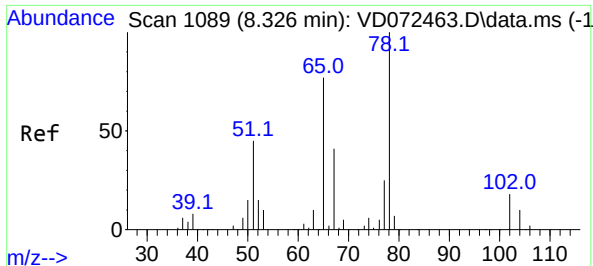


#31
Cyclohexane
Concen: 1.570 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Tgt Ion: 56 Resp: 2059

Ion	Ratio	Lower	Upper
56	100		
69	156.3	25.4	38.2#
84	110.4	63.0	94.4#

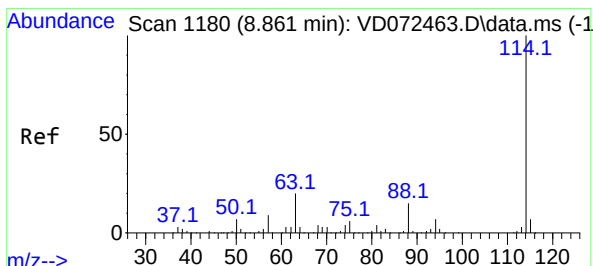
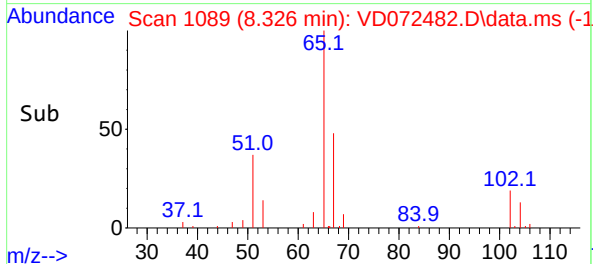
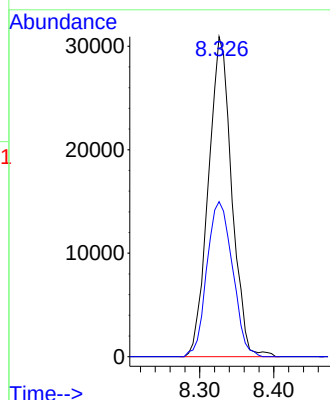
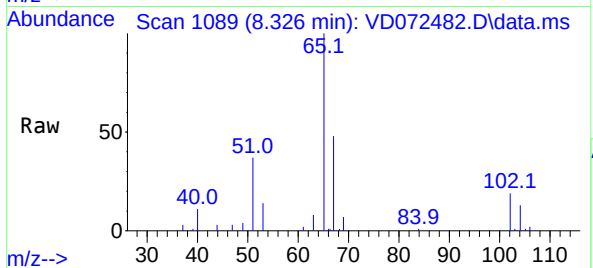




#33
1,2-Dichloroethane-d4
Concen: 67.517 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

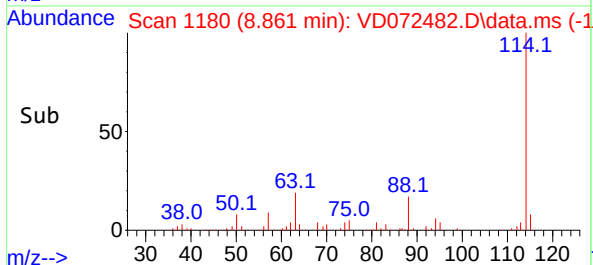
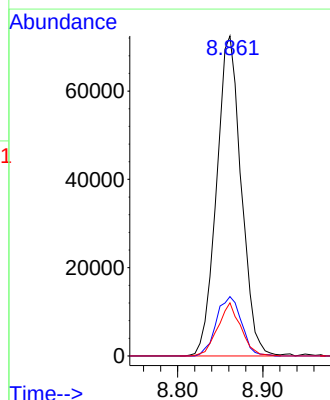
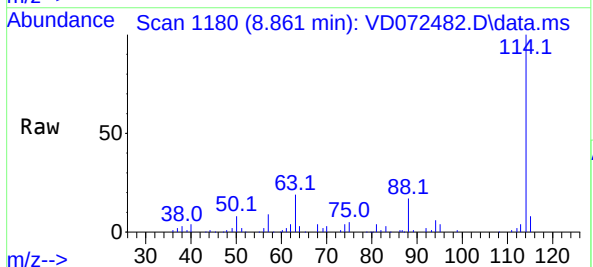
Instrument :
MSVOA_D
ClientSampleId :
337

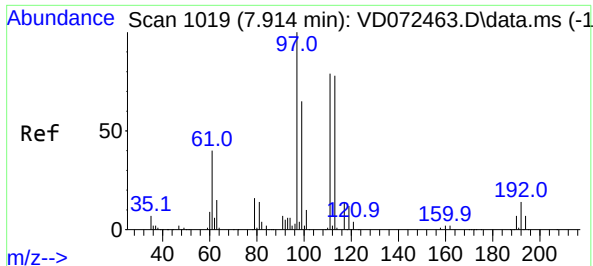
Tgt Ion: 65 Resp: 67720
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Tgt Ion: 114 Resp: 145719
Ion Ratio Lower Upper
114 100
63 18.5 0.0 46.6
88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.310 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD072482.D

Acq: 30 Mar 2022 16:41

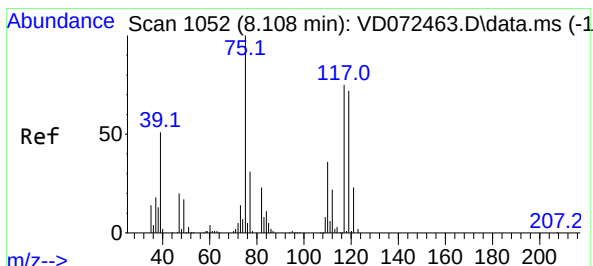
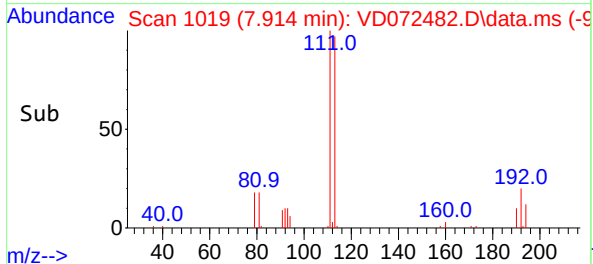
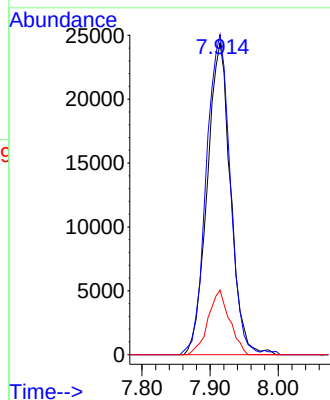
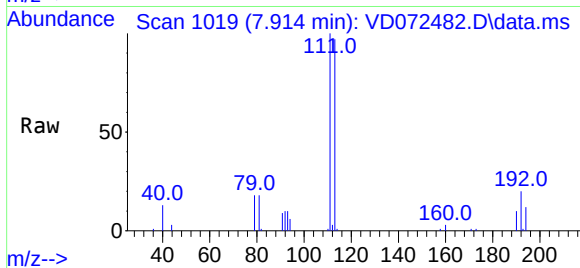
Instrument :

MSVOA_D

ClientSampleId :

337

Tgt Ion:	113	Resp:	58106
Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.8	125.6
192	19.0	14.6	21.8



#36

1,1-Dichloropropene

Concen: 5.861 ug/l

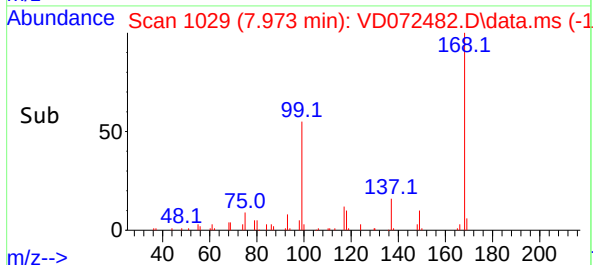
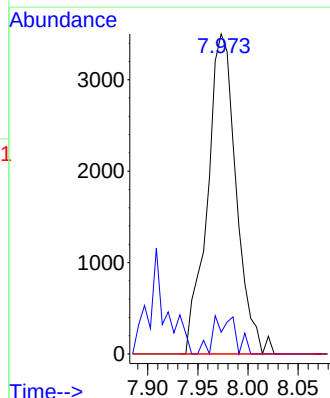
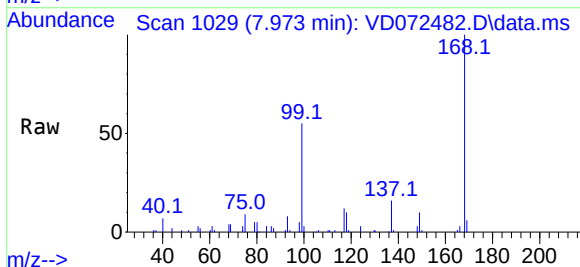
RT: 7.973 min Scan# 1029

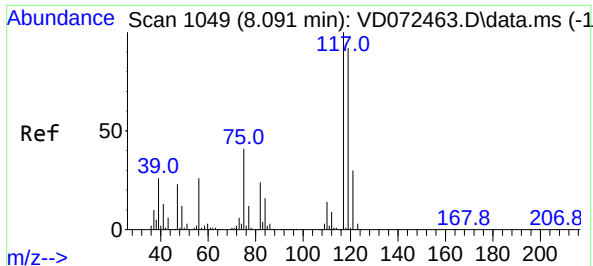
Delta R.T. -0.135 min

Lab File: VD072482.D

Acq: 30 Mar 2022 16:41

Tgt Ion:	75	Resp:	7013
Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.4	49.1#
77	0.0	24.2	36.2#

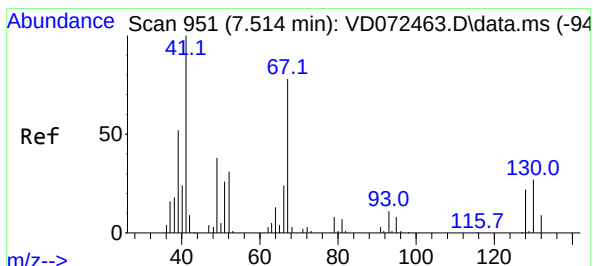
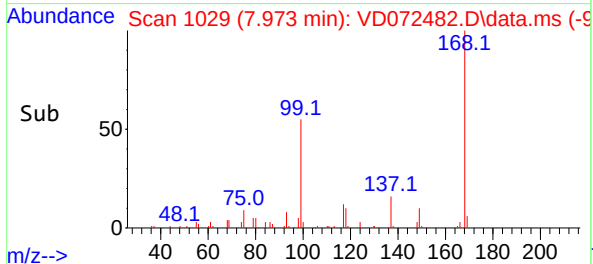
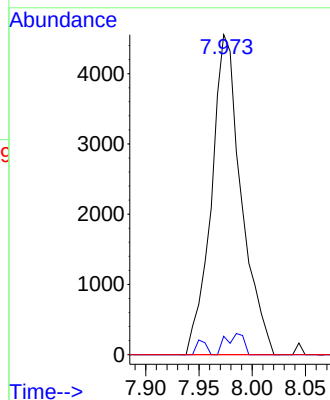
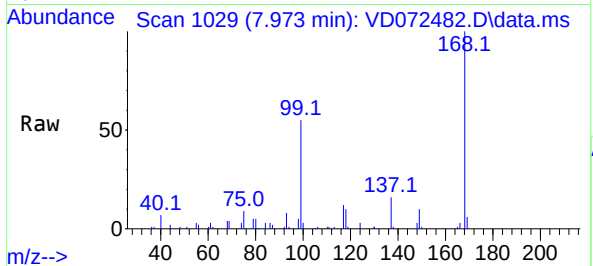




#38
Carbon Tetrachloride
Concen: 5.698 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.117 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

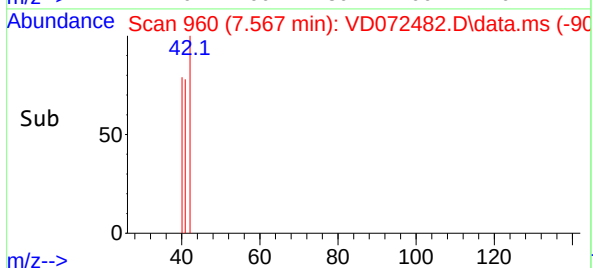
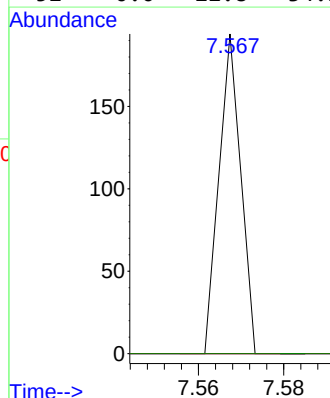
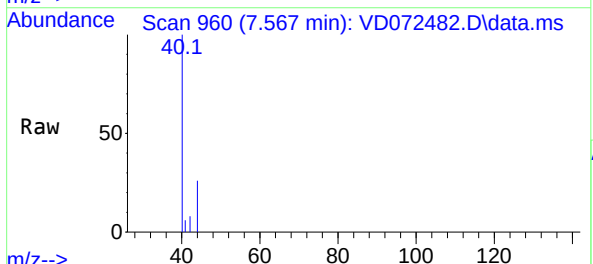
Instrument :
MSVOA_D
ClientSampleId :
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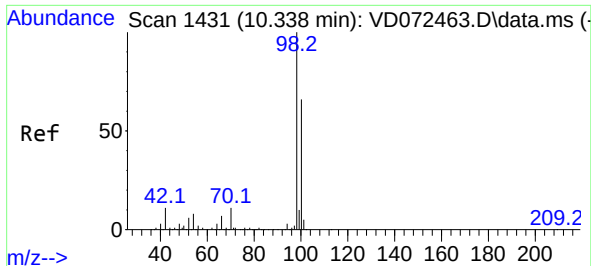
Tgt Ion:117 Resp: 8890
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.5 36.7#



#41
Methacrylonitrile
Concen: 1.846 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.053 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Tgt Ion: 41 Resp: 68
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0#
67 0.0 48.2 72.4#
52 0.0 22.8 34.2#

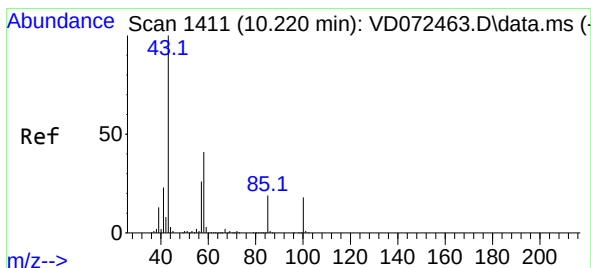
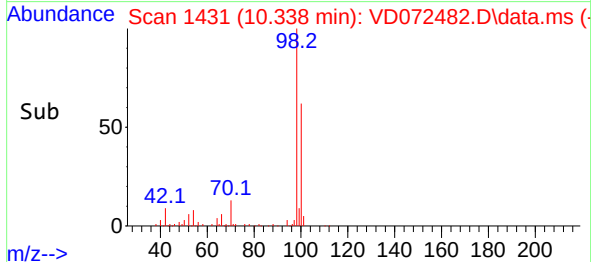
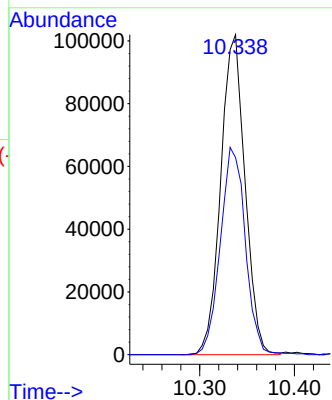
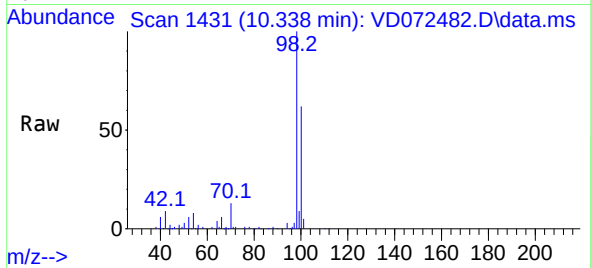




#50
Toluene-d8
Concen: 46.159 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

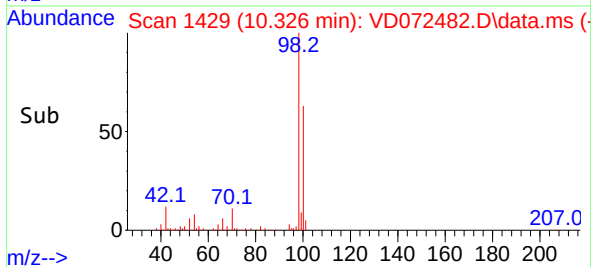
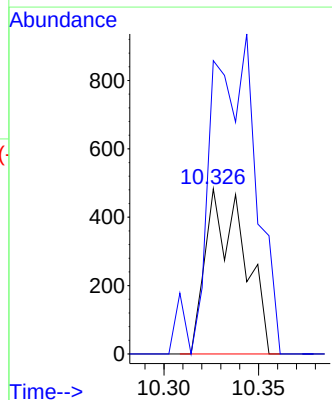
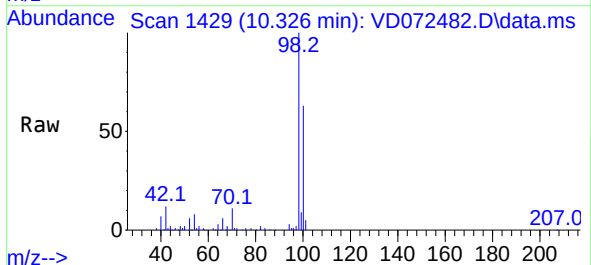
Instrument :
MSVOA_D
ClientSampleId :
337

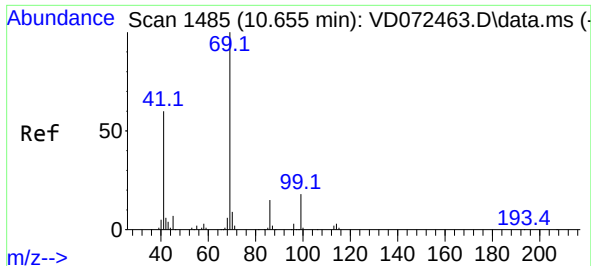
Tgt Ion: 98 Resp: 181700
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.096 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. 0.106 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
58 228.7 28.6 43.0#

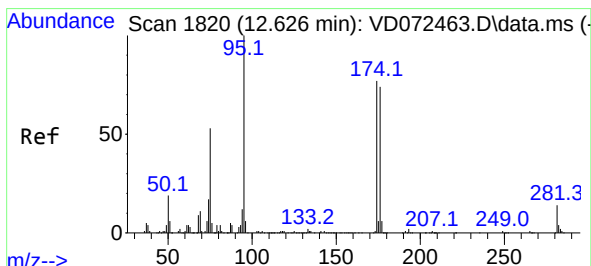
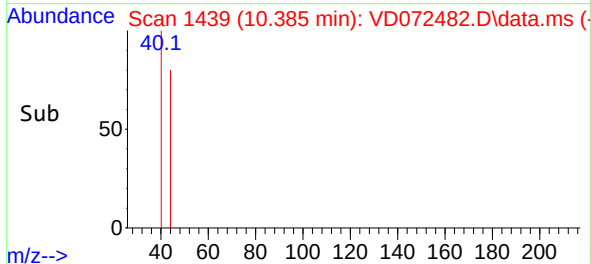
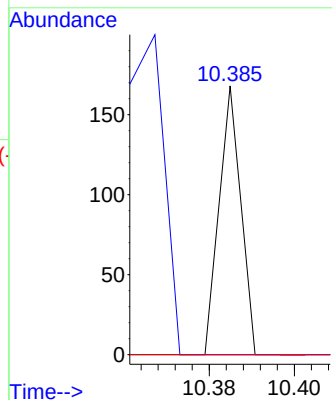
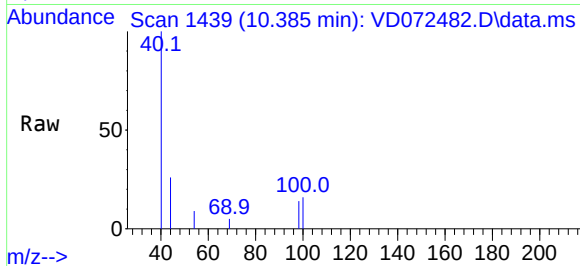




#56
Ethyl methacrylate
Concen: 1.244 ug/l
RT: 10.385 min Scan# 1485
Delta R.T. -0.270 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

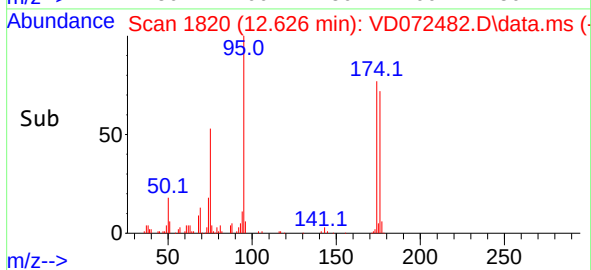
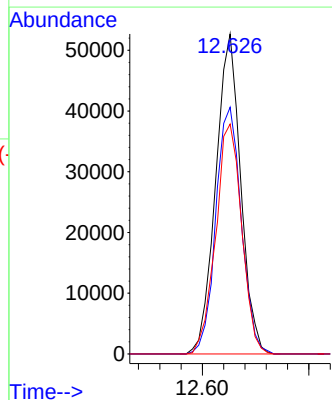
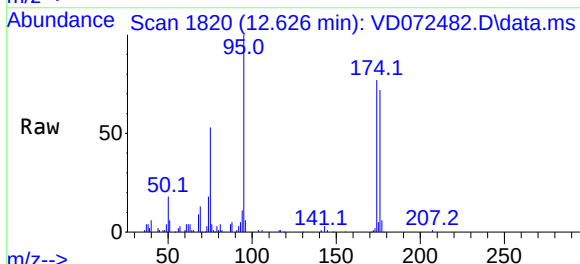
Instrument :
MSVOA_D
ClientSampleId :
337

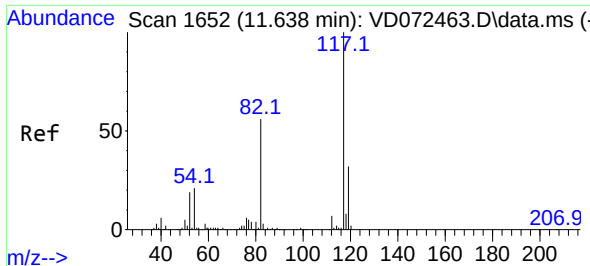
Tgt Ion: 69	Resp: 59
Ion Ratio	Lower Upper
69 100	
41 0.0	63.0 94.6#
39 0.0	33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 55.676 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

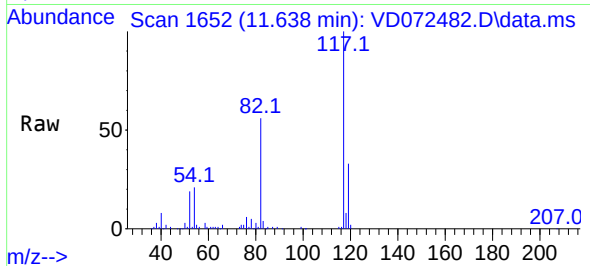
Tgt Ion: 95	Resp: 85594
Ion Ratio	Lower Upper
95 100	
174 78.8	0.0 152.8
176 74.7	0.0 145.4





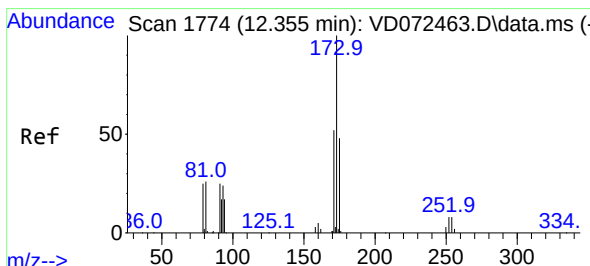
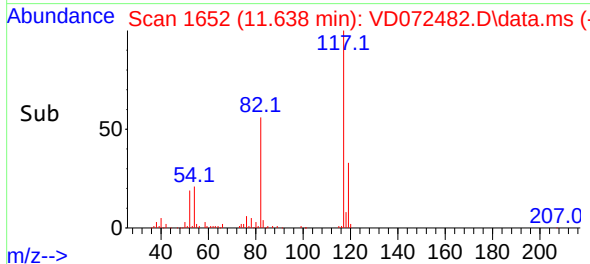
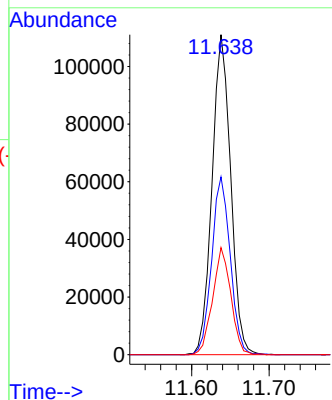
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Instrument :
MSVOA_D
ClientSampleId :
337



Tgt Ion:117 Resp: 185520

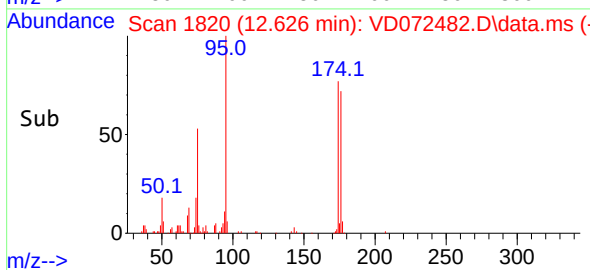
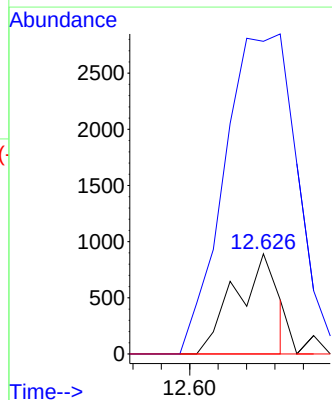
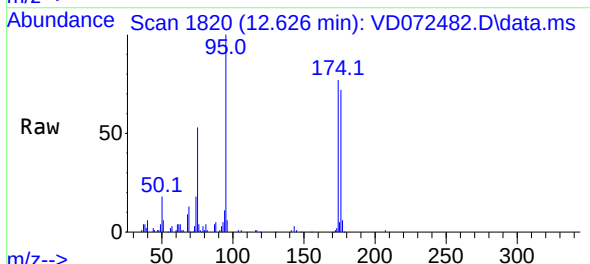
Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.3	67.9
119	33.5	26.6	40.0

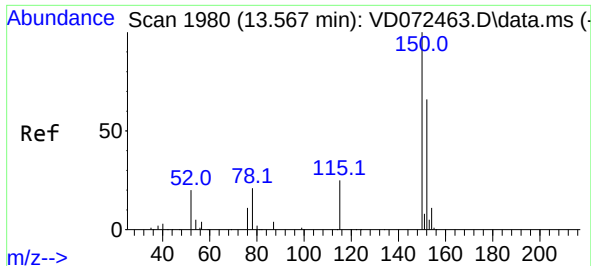


#71
Bromoform
Concen: 1.062 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

Tgt Ion:173 Resp: 934

Ion	Ratio	Lower	Upper
173	100		
175	341.2	23.9	71.8#
254	0.0	0.0	0.0

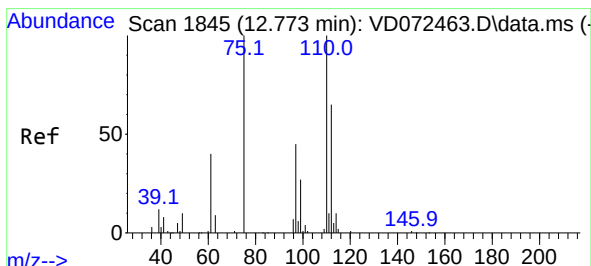
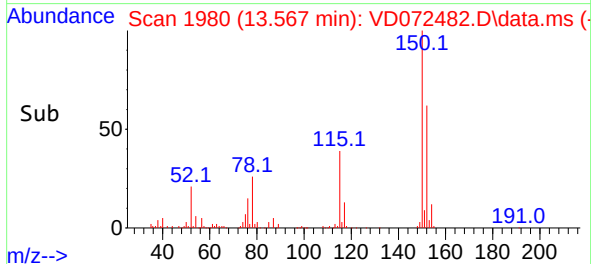
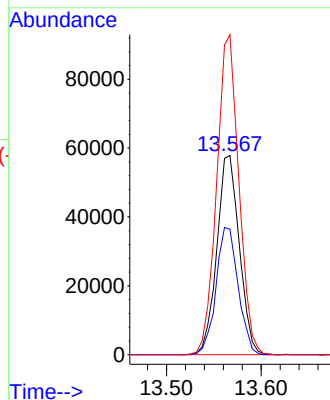
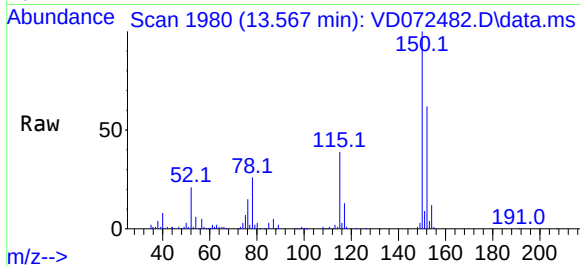




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

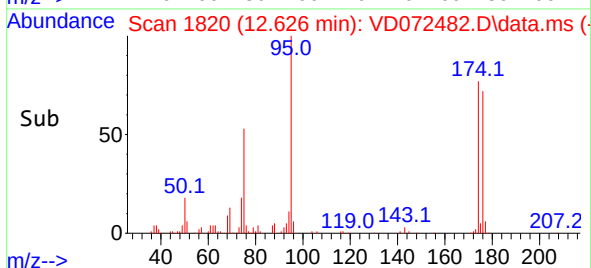
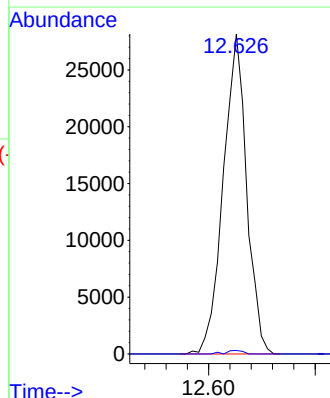
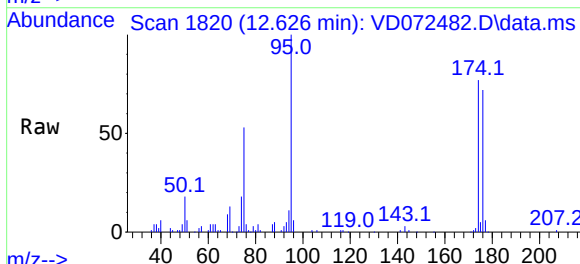
Instrument :
MSVOA_D
ClientSampleId :
337

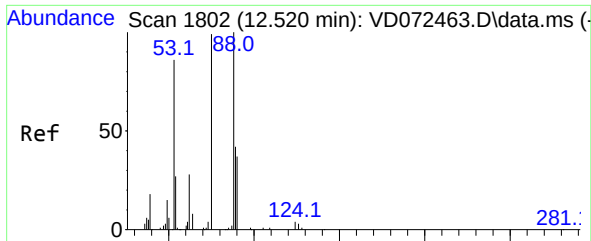
Tgt Ion:152 Resp: 95563
Ion Ratio Lower Upper
152 100
115 62.9 31.3 93.8
150 158.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 41.166 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072482.D
Acq: 30 Mar 2022 16:41

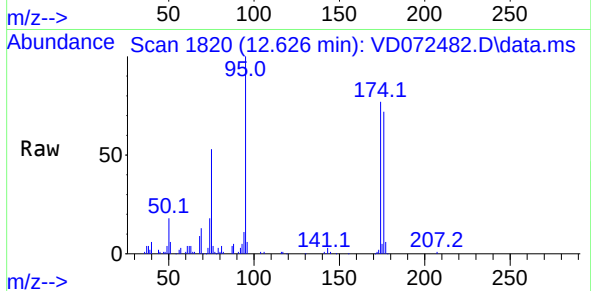
Tgt Ion: 75 Resp: 42906
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.013 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072482.D
 Acq: 30 Mar 2022 16:41

Instrument :
 MSVOA_D
 ClientSampleId :
 337



Tgt Ion: 75 Resp: 42906
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

