

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074012.D
 Acq On : 10 Aug 2022 03:23
 Operator : VA/SY
 Sample : N4046-17
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 10 04:49:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 01:05:43 2022
 Response via : Initial Calibration

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

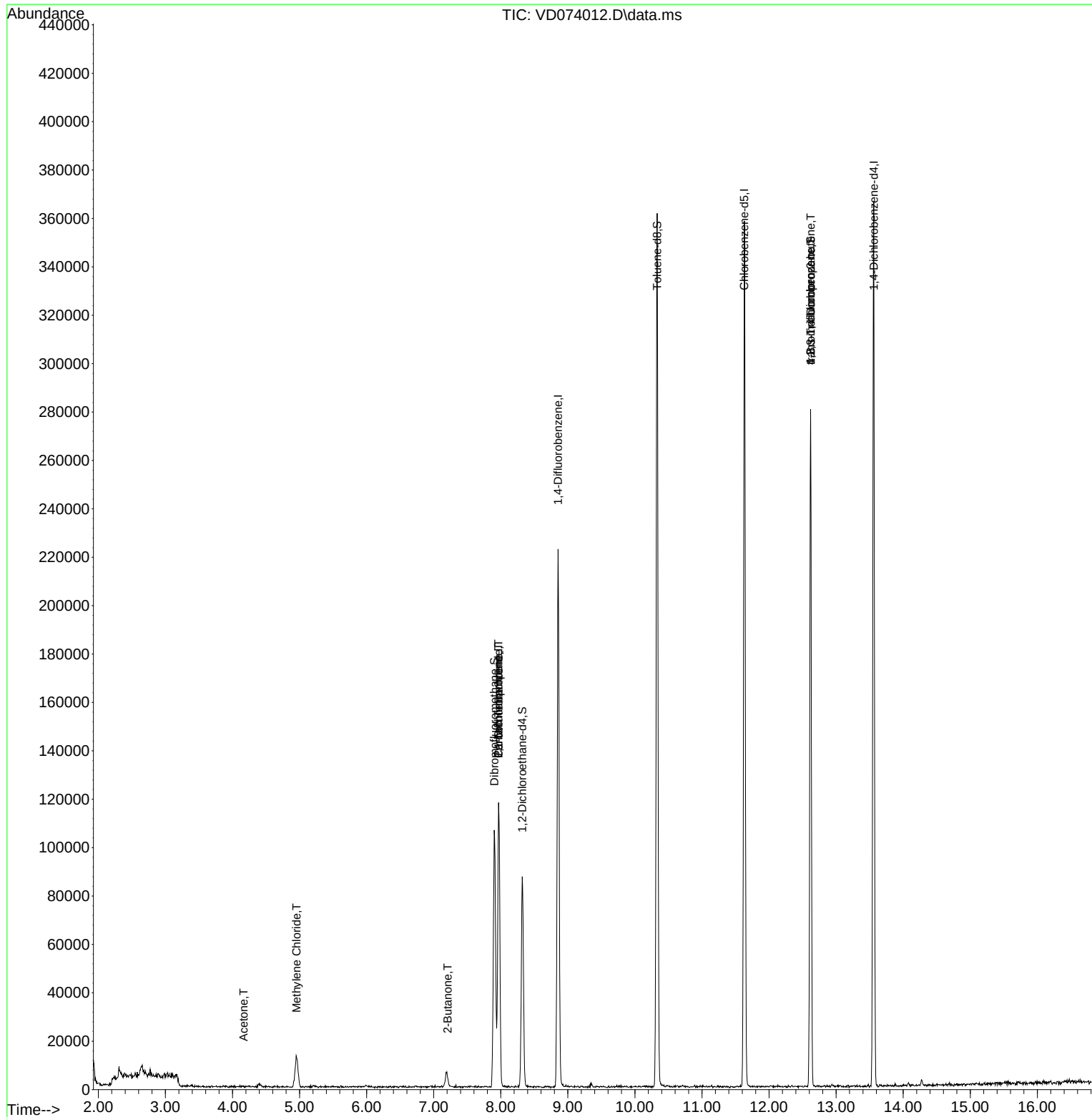
Internal Standards						
1) Pentafluorobenzene	7.967	168	81823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	185148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	201582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	68839	94.894	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 189.780%#			
35) Dibromofluoromethane	7.902	113	74257	65.655	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 131.300%			
50) Toluene-d8	10.332	98	243550	72.896	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 145.800%#			
62) 4-Bromofluorobenzene	12.620	95	88034	61.309	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 122.620%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	413	Below Cal	#	48
5) Bromomethane	2.773	94	788	Below Cal		91
11) Tert butyl alcohol	5.220	59	384	Below Cal	#	74
16) Acetone	4.167	43	534	3.530	ug/l #	46
17) Carbon Disulfide	4.403	76	2688	Below Cal	#	73
20) Methylene Chloride	4.956	84	9668	4.621	ug/l #	90
25) 2-Butanone	7.208	43	295	1.286	ug/l #	46
31) Cyclohexane	7.973	56	1956	Below Cal	#	1
36) 1,1-Dichloropropene	7.967	75	7283	4.575	ug/l #	47
38) Carbon Tetrachloride	7.967	117	9518	5.078	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	47868	68.170	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	47868	146.517	ug/l #	13

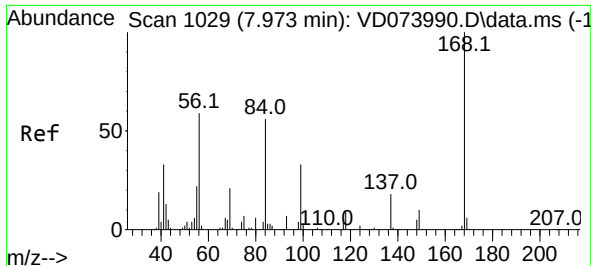
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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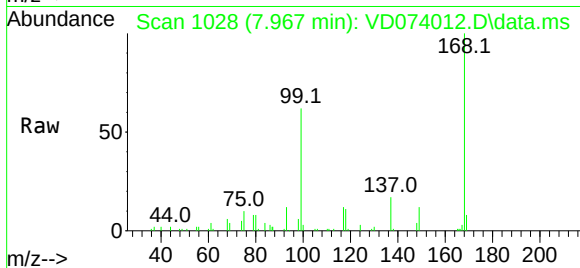
Quant Time: Aug 10 04:49:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 01:05:43 2022
Response via : Initial Calibration



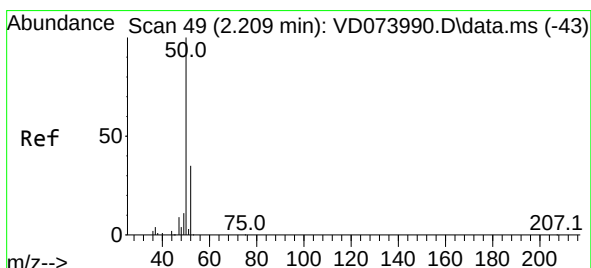
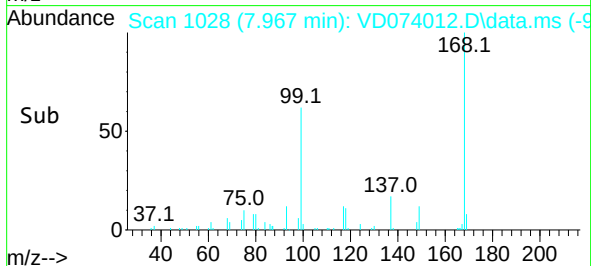
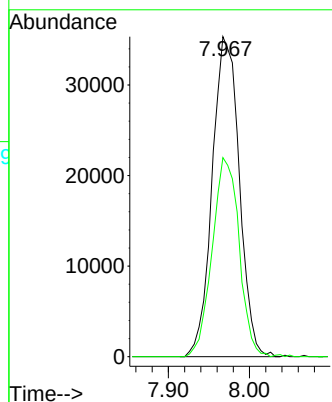


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Instrument :
MSVOA_D
ClientSampleId :

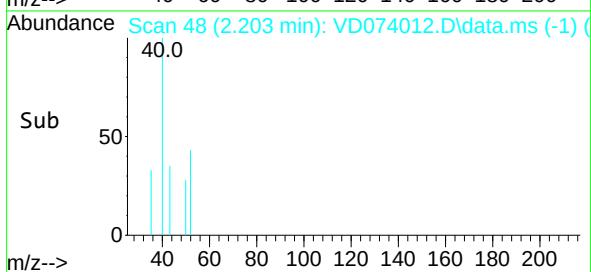
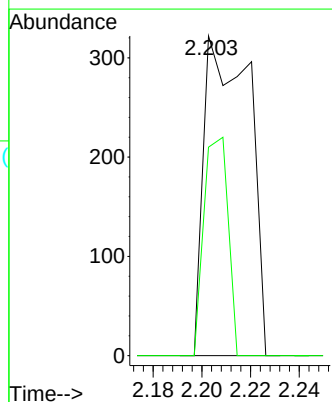
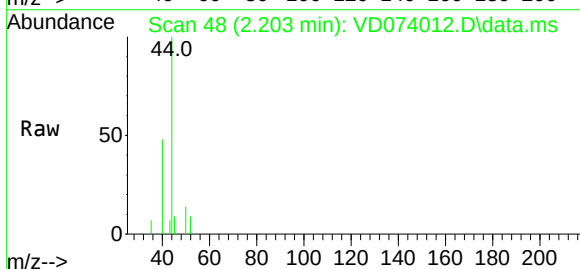


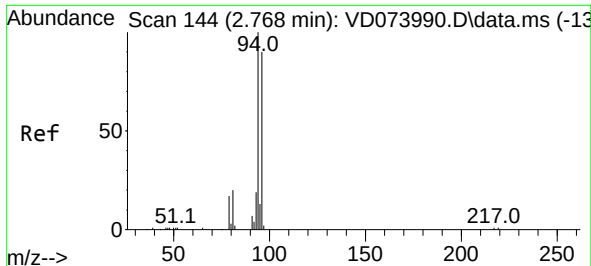
Tgt Ion:168 Resp: 81823
Ion Ratio Lower Upper
168 100
99 62.2 48.3 72.5



#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Tgt Ion: 50 Resp: 413
Ion Ratio Lower Upper
50 100
52 65.2 28.1 42.1#

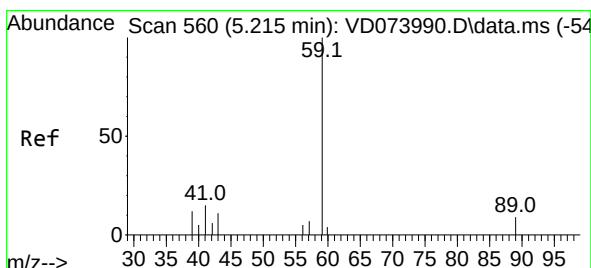
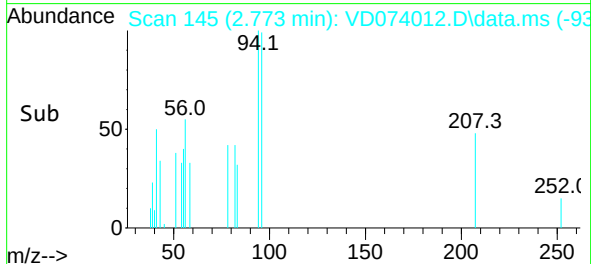
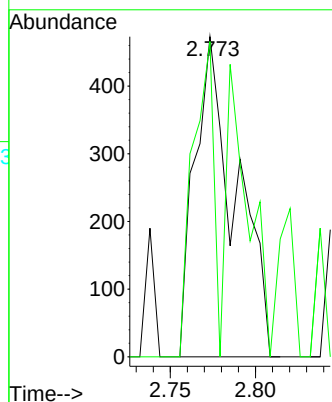
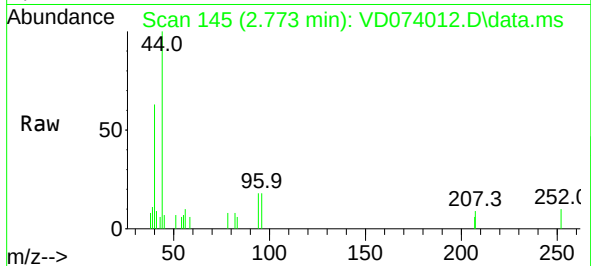




#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

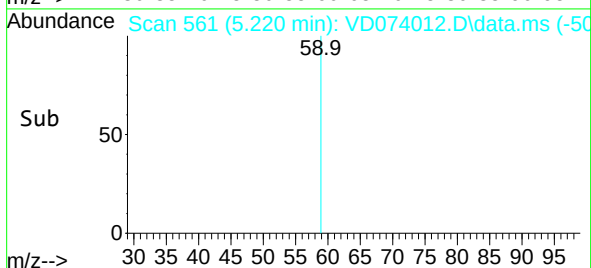
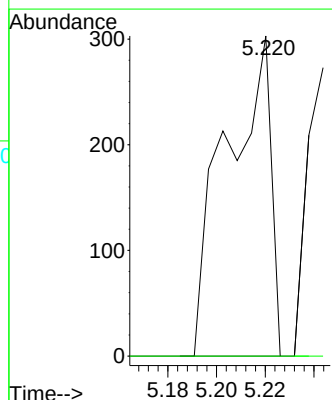
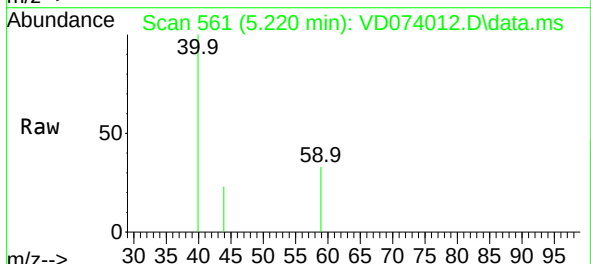
Instrument :
MSVOA_D
ClientSampleId :

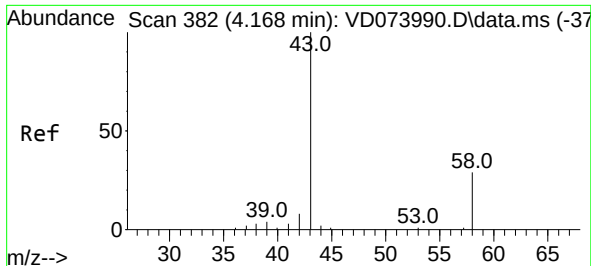
Tgt Ion: 94 Resp: 788
Ion Ratio Lower Upper
94 100
96 98.5 72.0 108.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.005 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Tgt Ion: 59 Resp: 384
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

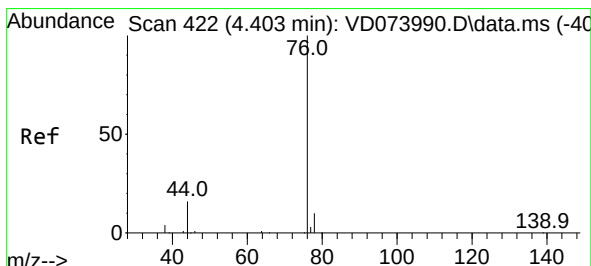
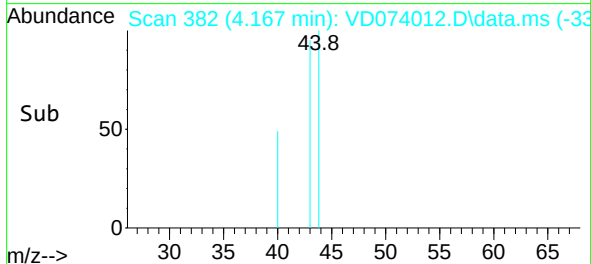
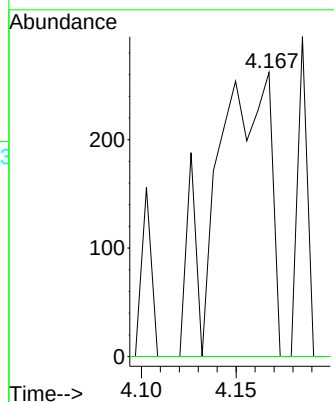
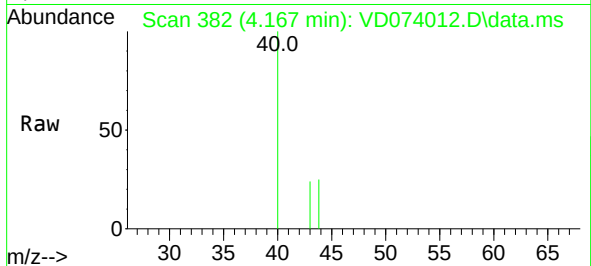




#16
Acetone
Concen: 3.530 ug/l
RT: 4.167 min Scan# 31
Delta R.T. -0.001 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

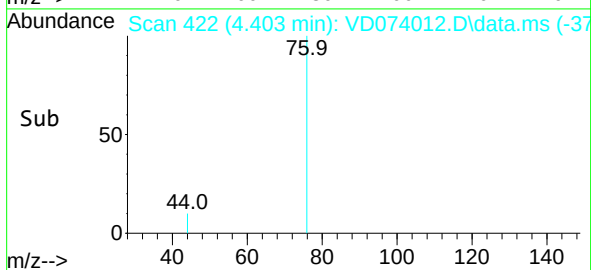
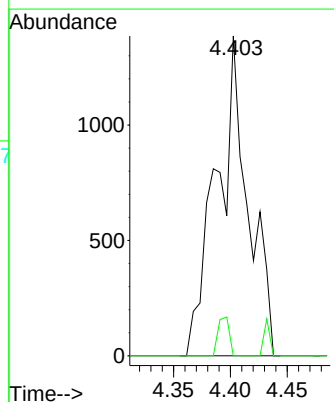
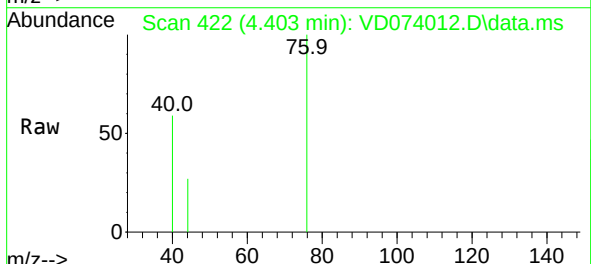
Instrument :
MSVOA_D
ClientSampleId :

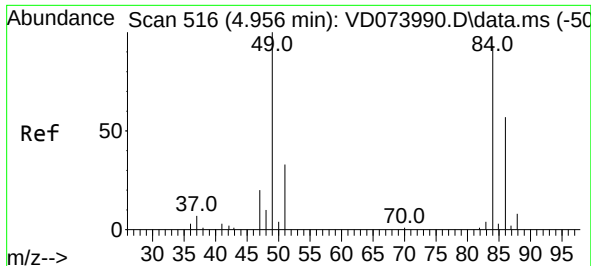
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 0.0 22.8 34.2#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.403 min Scan# 422
Delta R.T. -0.000 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

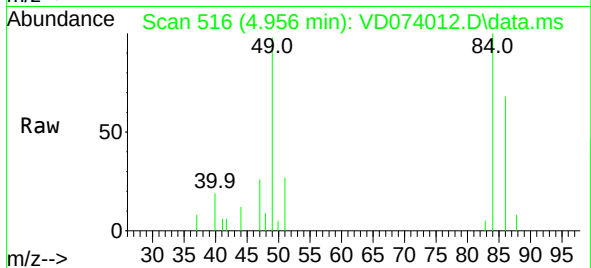
Tgt Ion: 76 Resp: 2688
Ion Ratio Lower Upper
76 100
78 0.0 7.9 11.9#





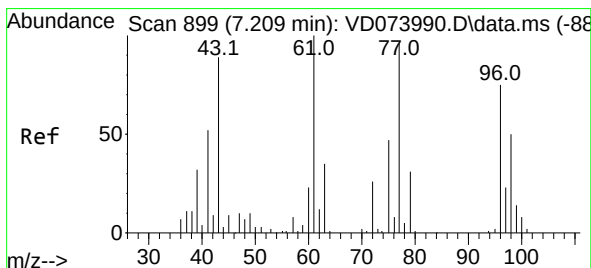
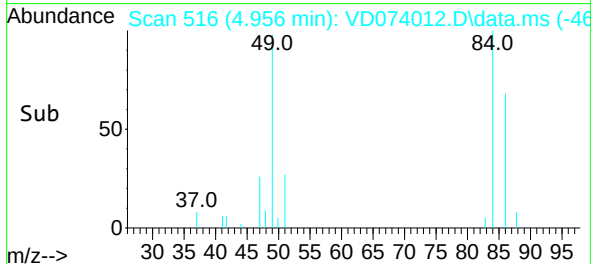
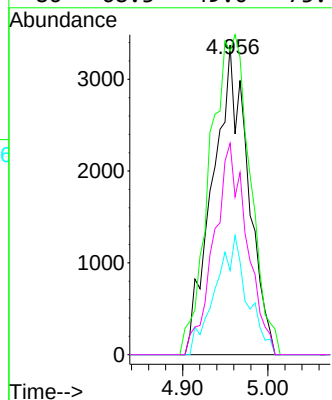
#20
Methylene Chloride
Concen: 4.621 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 9668

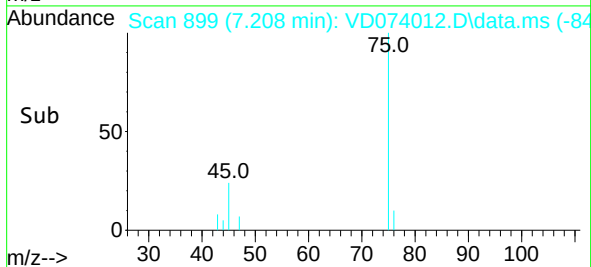
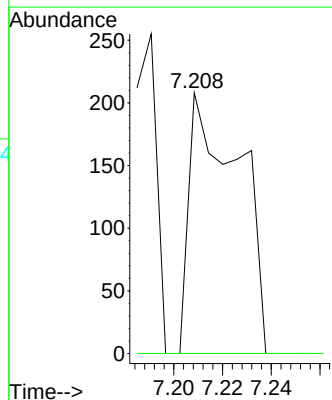
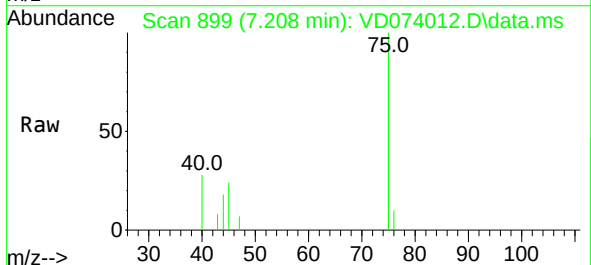
Ion	Ratio	Lower	Upper
84	100		
49	98.0	85.8	128.6
51	27.2	28.0	42.0#
86	68.3	49.0	73.4

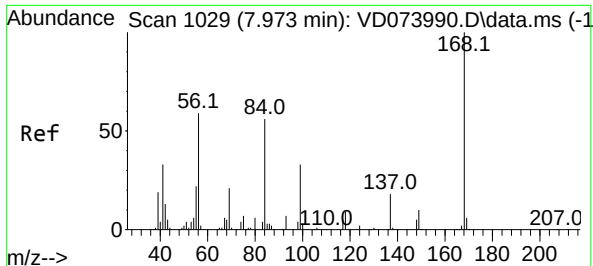


#25
2-Butanone
Concen: 1.286 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Tgt Ion: 43 Resp: 295

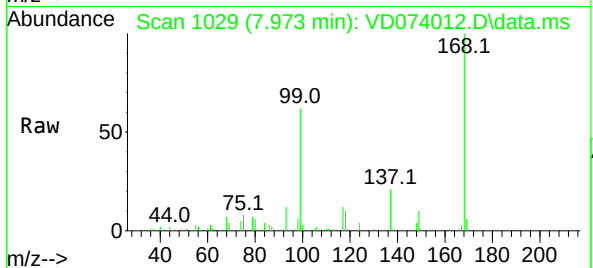
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#



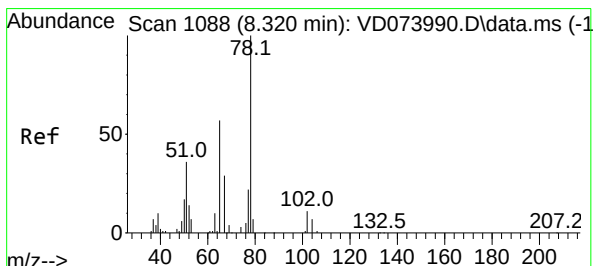
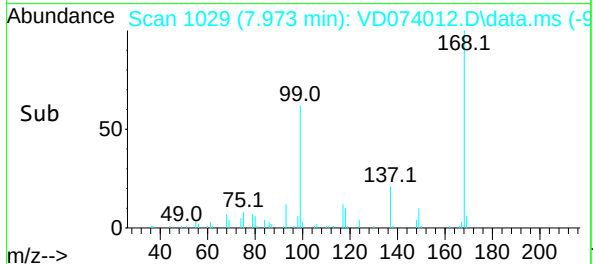
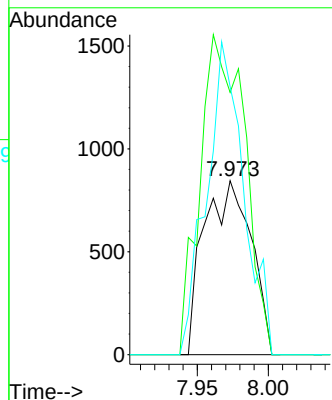


#31
Cyclohexane
Concen: Below Cal
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Instrument :
MSVOA_D
ClientSampleId :

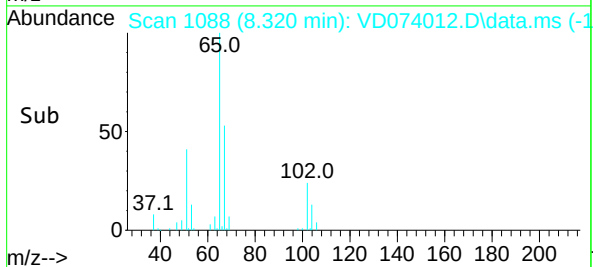
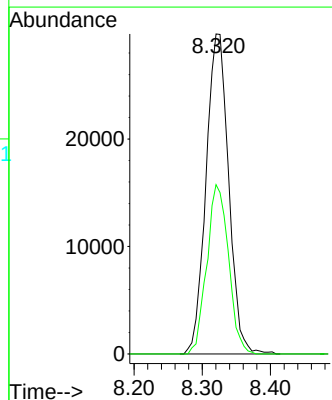
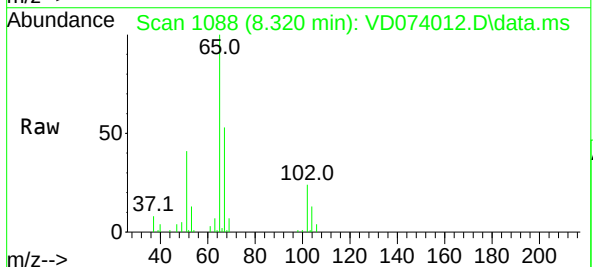


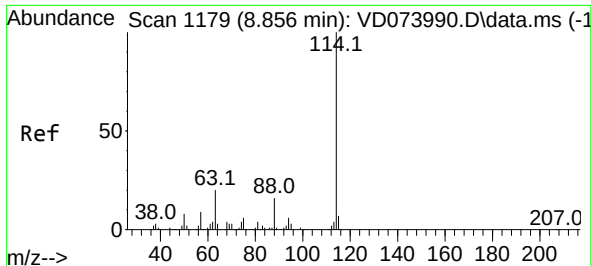
Tgt Ion: 56 Resp: 1956
Ion Ratio Lower Upper
56 100
69 150.8 27.9 41.9#
84 154.1 75.8 113.6#



#33
1,2-Dichloroethane-d4
Concen: 94.894 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Tgt Ion: 65 Resp: 68839
Ion Ratio Lower Upper
65 100
67 50.6 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.001 min

Lab File: VD074012.D

Acq: 10 Aug 2022 03:23

Instrument :

MSVOA_D

ClientSampleId :

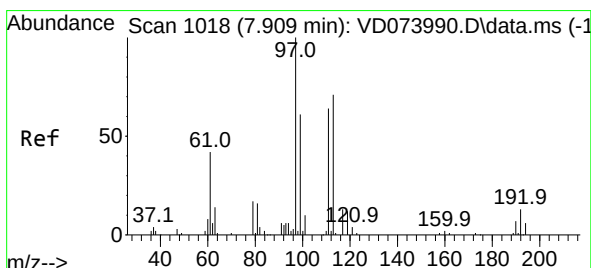
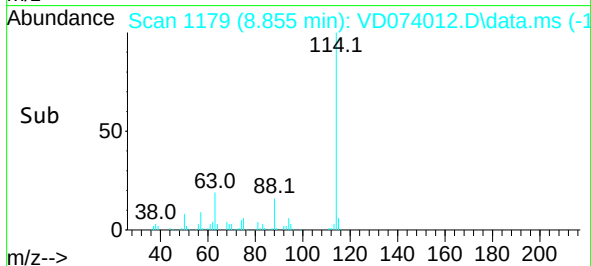
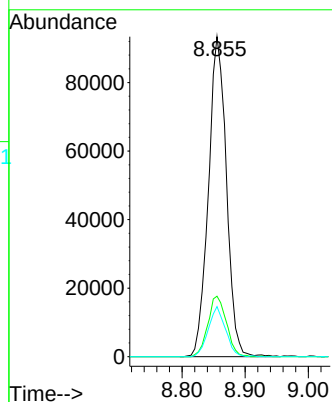
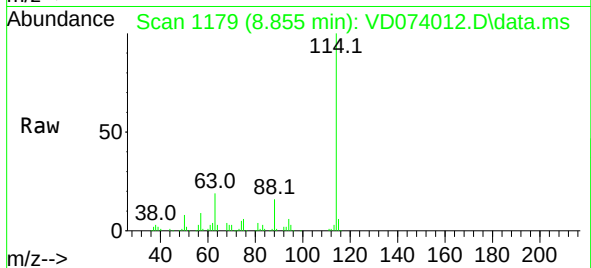
Tgt Ion:114 Resp: 185148

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.0

88 15.7 0.0 31.6



#35

Dibromofluoromethane

Concen: 65.655 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.007 min

Lab File: VD074012.D

Acq: 10 Aug 2022 03:23

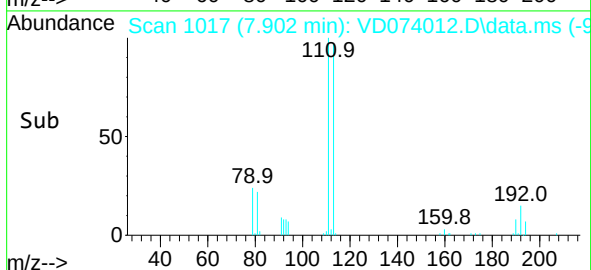
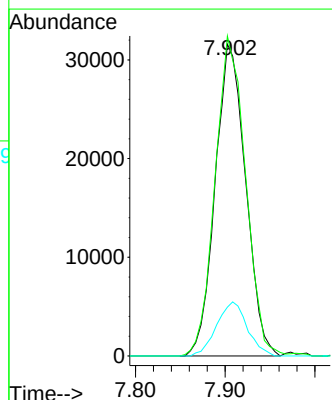
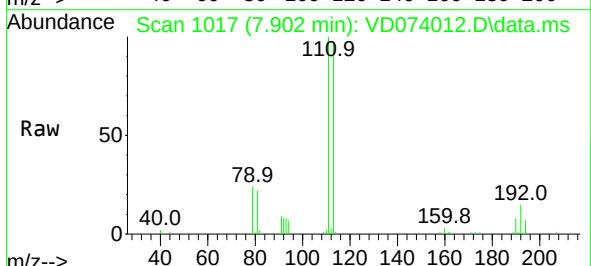
Tgt Ion:113 Resp: 74257

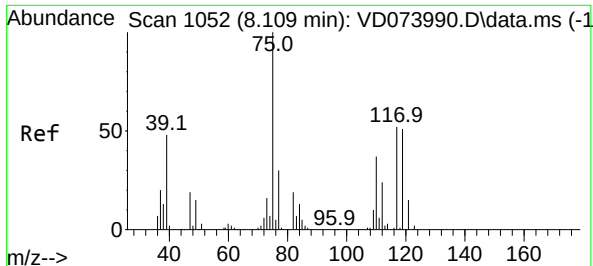
Ion Ratio Lower Upper

113 100

111 103.0 80.0 120.0

192 17.5 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.575 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

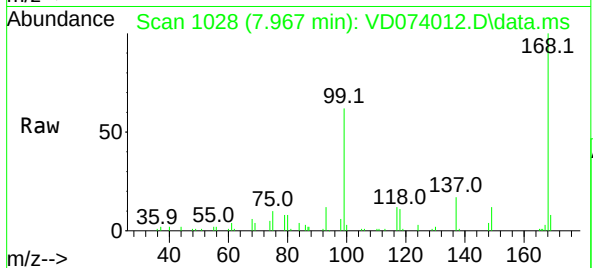
Lab File: VD074012.D

Acq: 10 Aug 2022 03:23

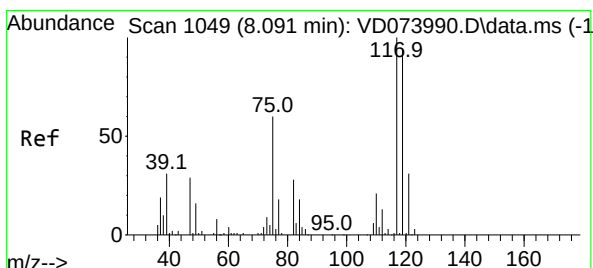
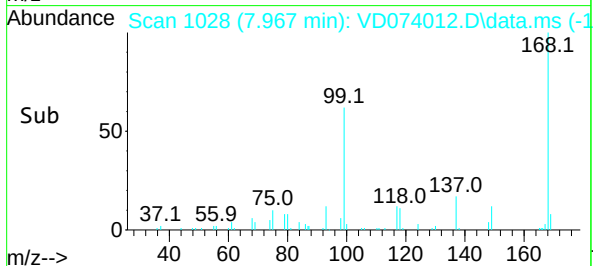
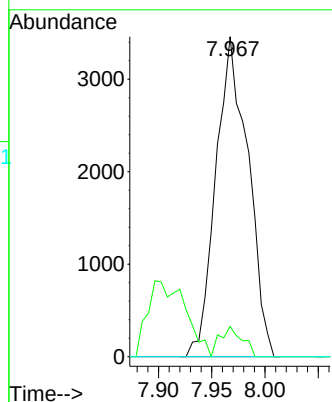
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 7283
Ion Ratio	Lower Upper
75	100
110	6.5 18.4 55.4#
77	0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.078 ug/l

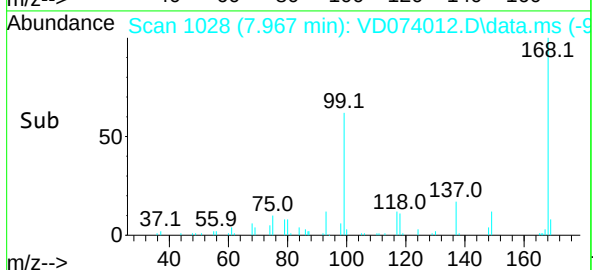
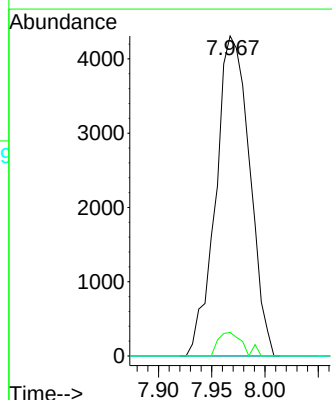
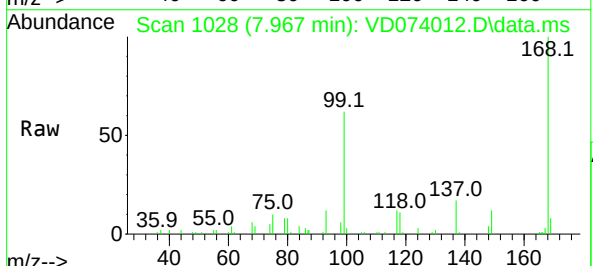
RT: 7.967 min Scan# 1028

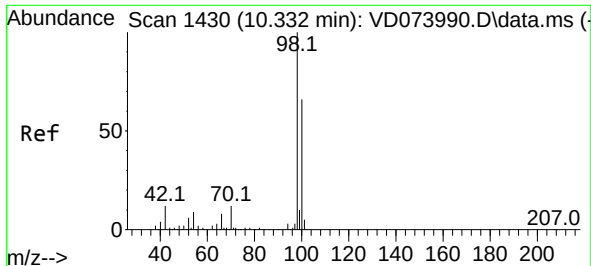
Delta R.T. -0.124 min

Lab File: VD074012.D

Acq: 10 Aug 2022 03:23

Tgt Ion: 117	Resp: 9518
Ion Ratio	Lower Upper
117	100
119	7.4 75.4 113.2#
121	0.0 25.2 37.8#

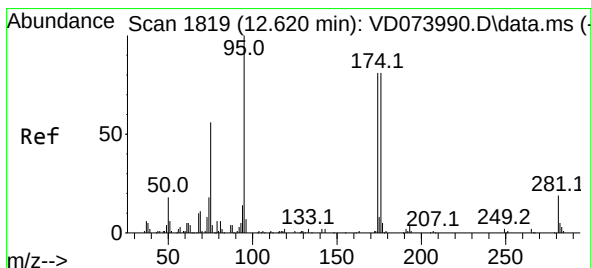
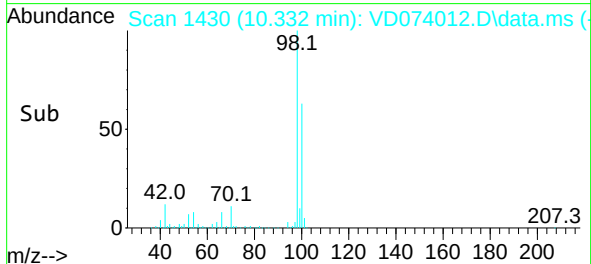
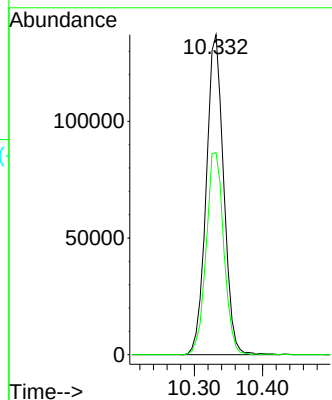
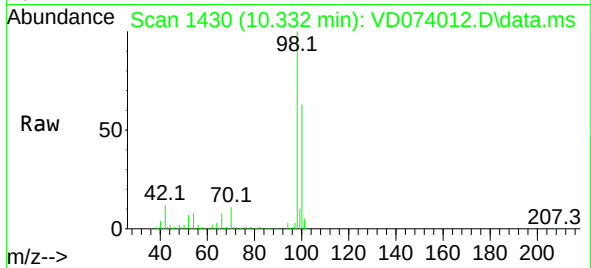




#50
Toluene-d8
Concen: 72.896 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

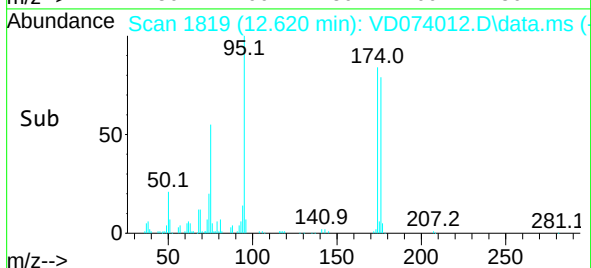
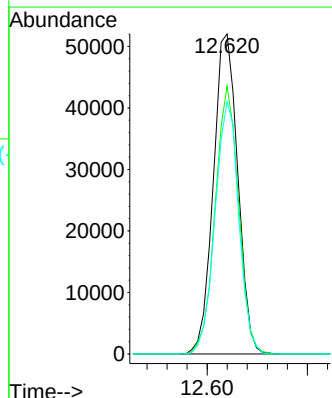
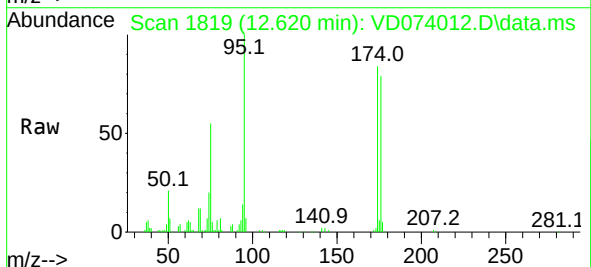
Instrument :
MSVOA_D
ClientSampleId :

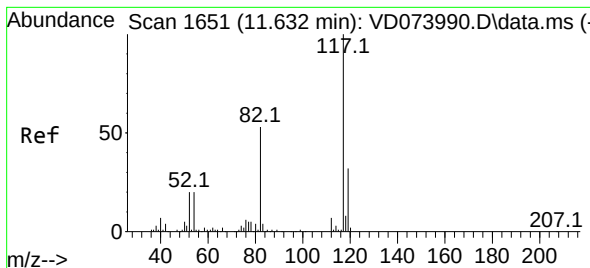
Tgt Ion: 98 Resp: 243550
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 61.309 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

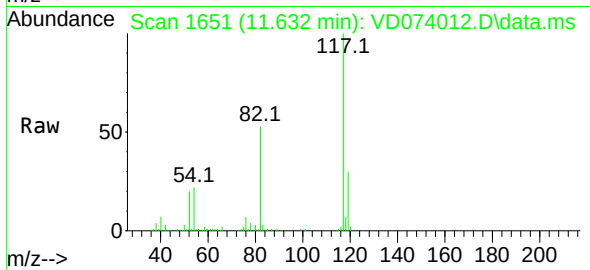
Tgt Ion: 95 Resp: 88034
Ion Ratio Lower Upper
95 100
174 80.2 0.0 162.6
176 76.4 0.0 160.0



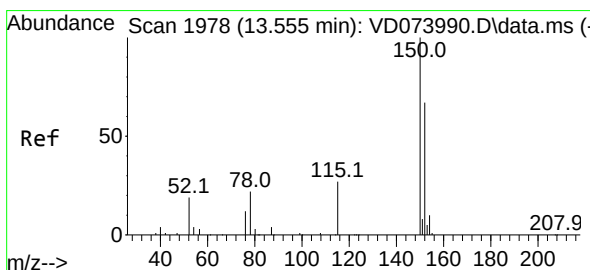
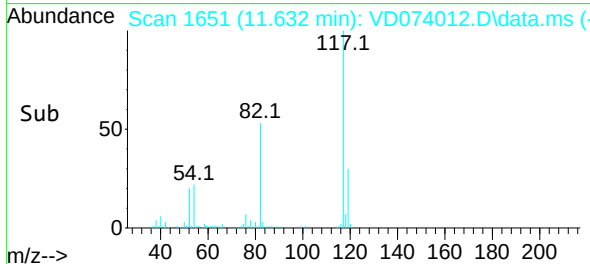
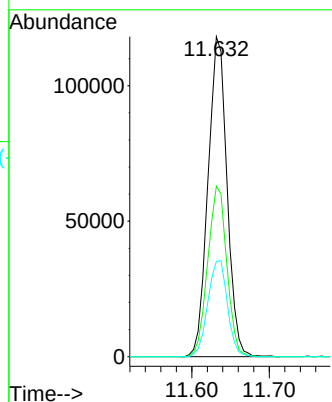


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Instrument :
MSVOA_D
ClientSampleId :

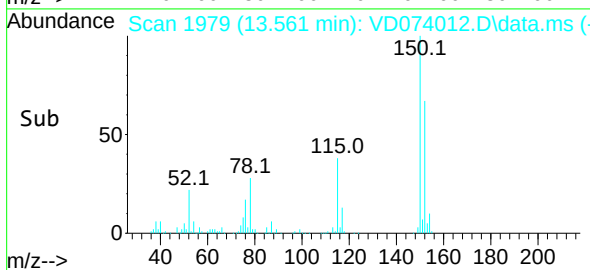
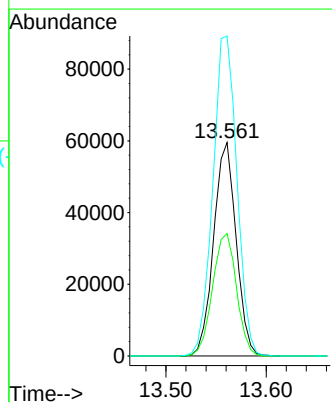
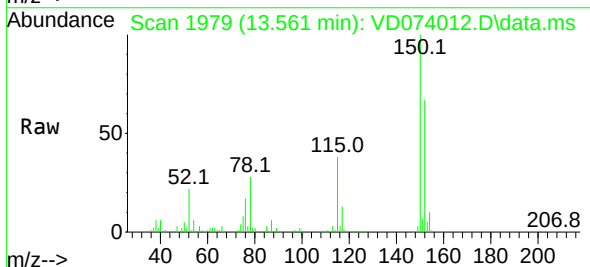


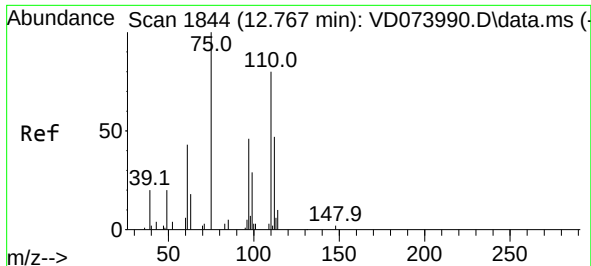
Tgt Ion:117 Resp: 201582
Ion Ratio Lower Upper
117 100
82 53.3 42.7 64.1
119 29.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Tgt Ion:152 Resp: 92642
Ion Ratio Lower Upper
152 100
115 60.9 29.9 89.8
150 160.1 0.0 342.8

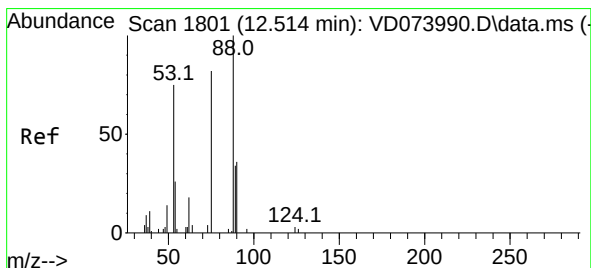
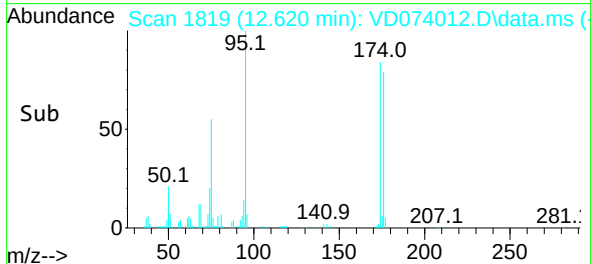
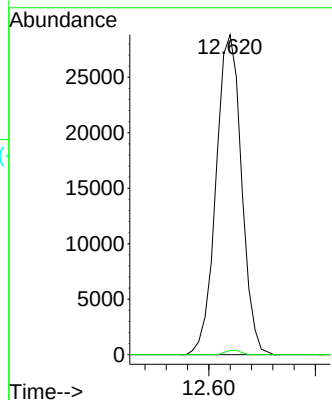
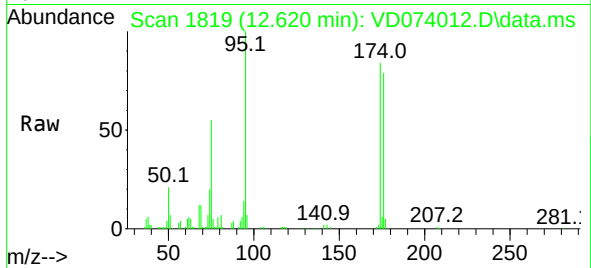




#76
1,2,3-Trichloropropane
Concen: 68.170 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 47868
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 146.517 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074012.D
Acq: 10 Aug 2022 03:23

Tgt Ion: 75 Resp: 47868
Ion Ratio Lower Upper
75 100
53 0.2 71.3 106.9#
89 0.0 38.3 57.5#

