

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074735.D
 Acq On : 04 Nov 2022 13:54
 Operator : VA/SY
 Sample : N5406-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-5.5-6.0

Quant Time: Nov 07 00:26:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

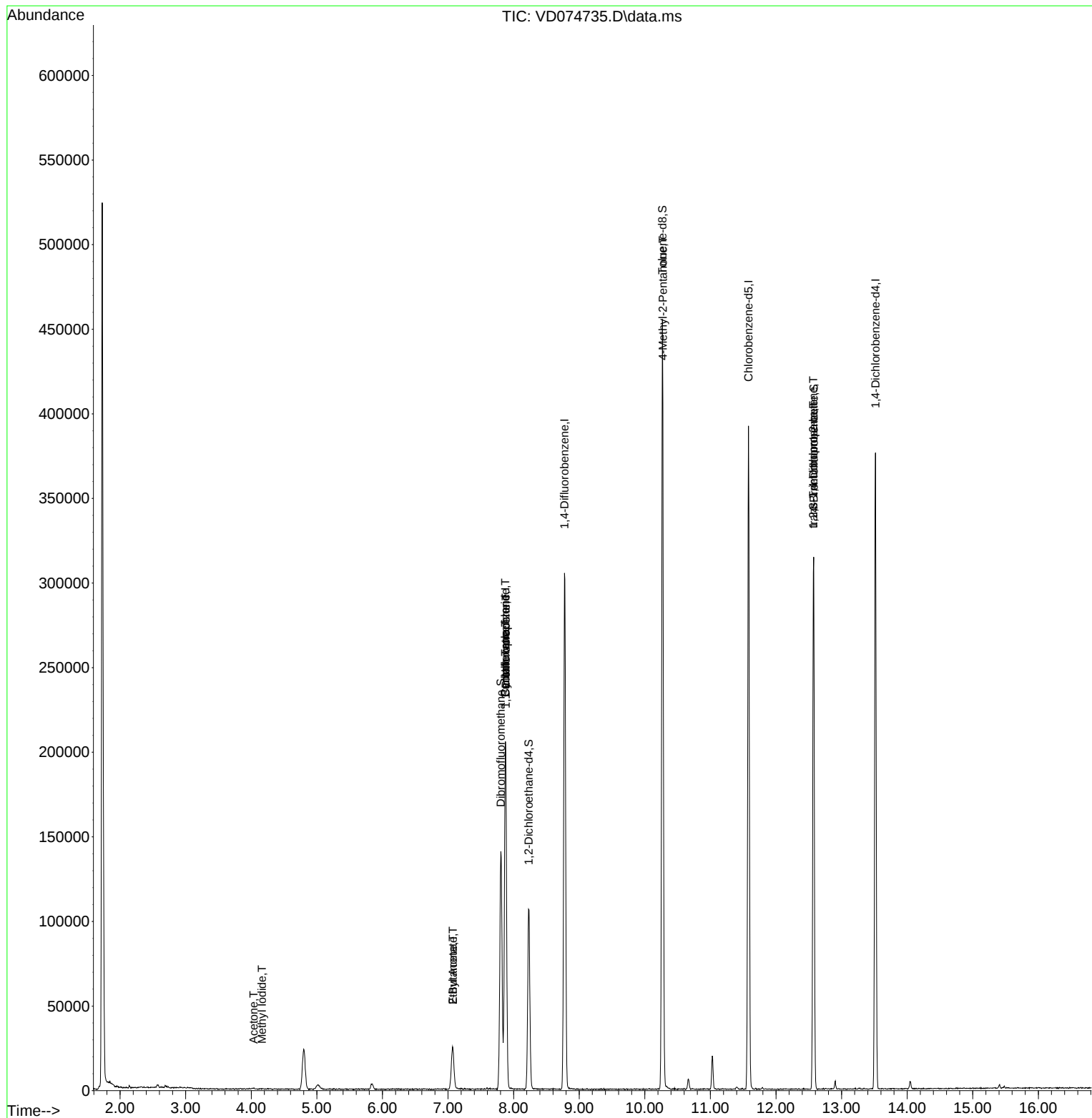
Internal Standards						
1) Pentafluorobenzene	7.875	168	169434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	295190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	240154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85439	63.668	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.340%			
35) Dibromofluoromethane	7.805	113	105056	60.164	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.320%			
50) Toluene-d8	10.269	98	328334	51.548	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.100%			
62) 4-Bromofluorobenzene	12.575	95	95967	52.182	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.360%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	501	5.748	ug/l #	43
11) Tert butyl alcohol	5.011	59	1539	Below Cal	#	84
16) Acetone	4.034	43	1282	4.578	ug/l #	37
20) Methylene Chloride	4.799	84	21089	Below Cal		89
25) 2-Butanone	7.075	43	1169	3.036	ug/l #	42
31) Cyclohexane	7.875	56	3148	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	12496	4.715	ug/l #	45
37) Ethyl Acetate	7.075	43	1169	1.322	ug/l #	1
38) Carbon Tetrachloride	7.875	117	15984	6.365	ug/l #	18
51) 4-Methyl-2-Pentanone	10.275	43	850	1.065	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	47271	57.589	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	47271	136.702	ug/l #	17

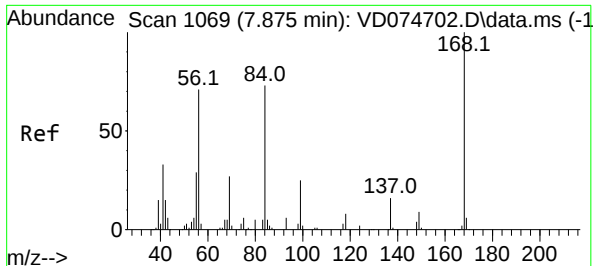
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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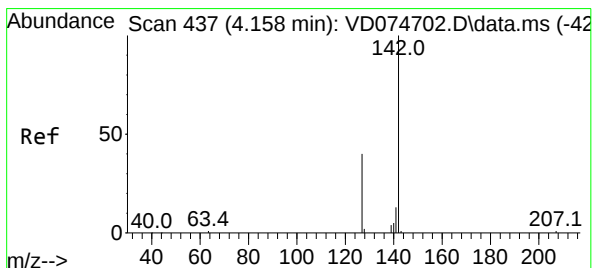
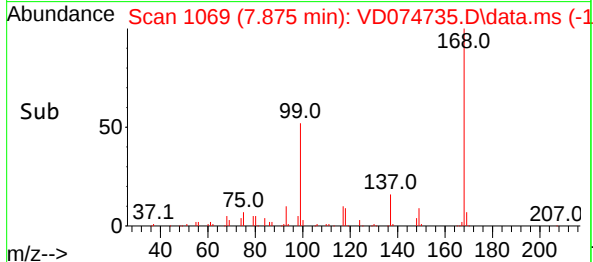
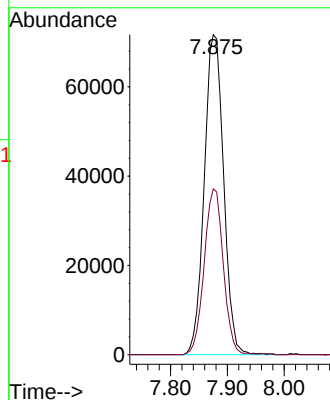
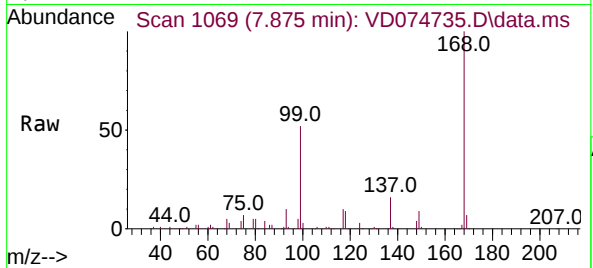




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

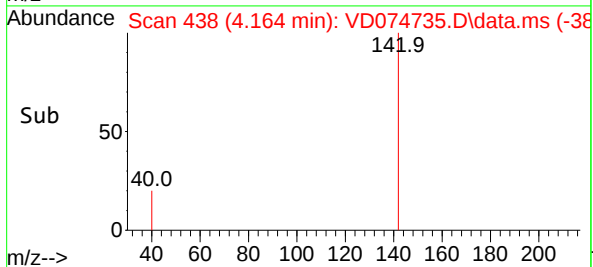
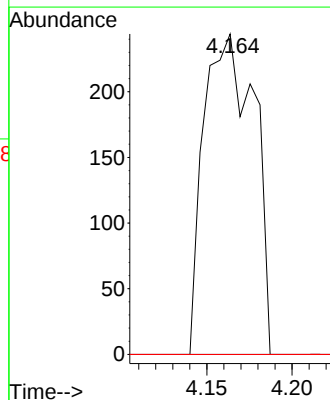
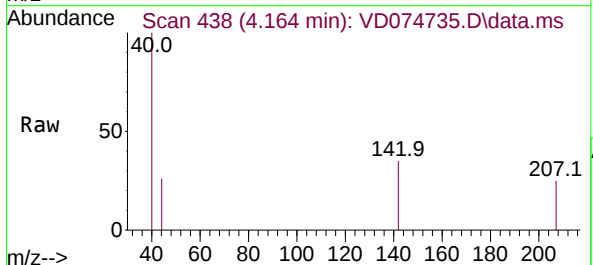
Instrument :
MSVOA_D
ClientSampleId :
SB-02-5.5-6.0

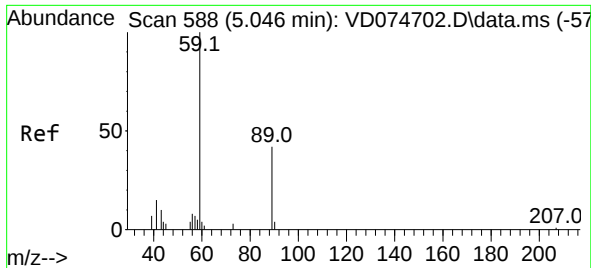
Tgt Ion:168 Resp: 169434
Ion Ratio Lower Upper
168 100
99 51.8 40.9 61.3



#10
Methyl Iodide
Concen: 5.748 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

Tgt Ion:142 Resp: 501
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

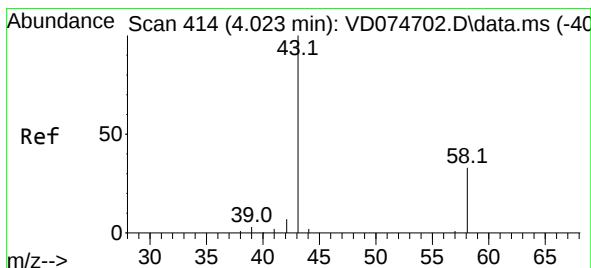
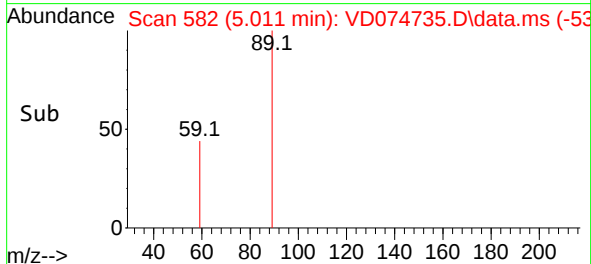
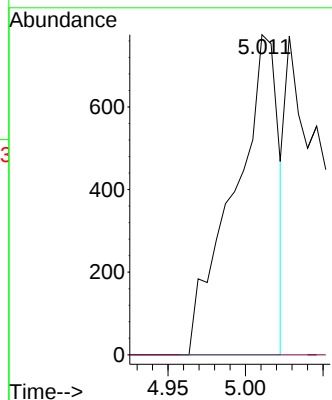
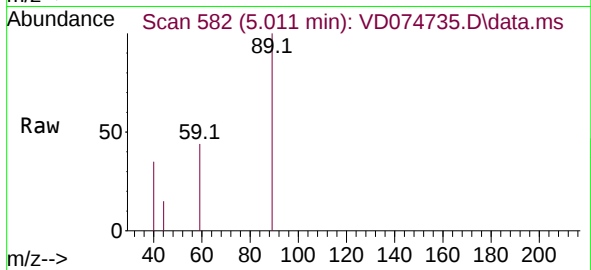




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.011 min Scan# 511
Delta R.T. -0.035 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

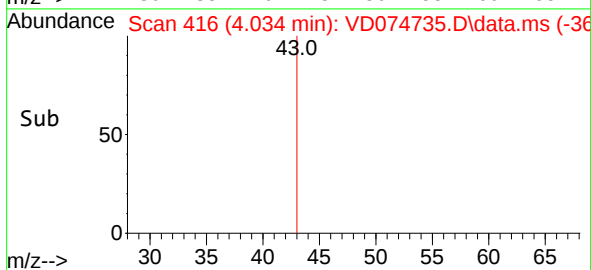
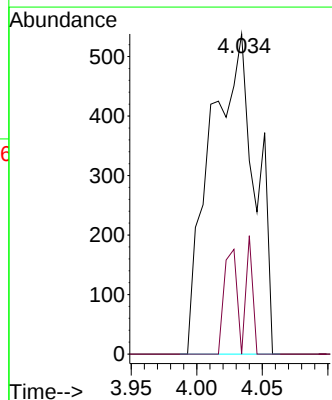
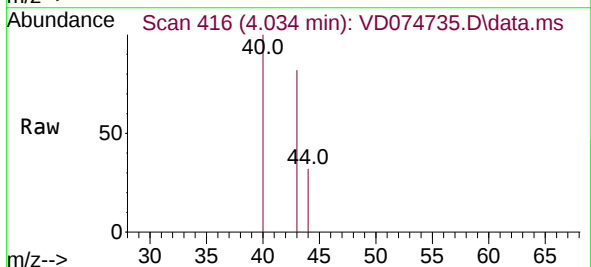
Instrument :
MSVOA_D
ClientSampleId :
SB-02-5.5-6.0

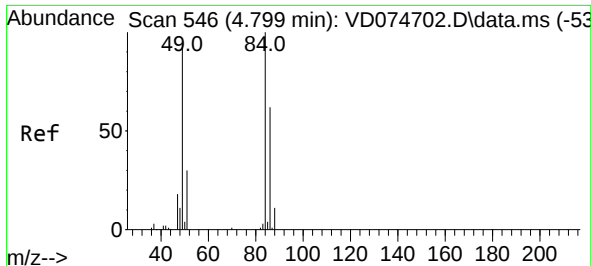
Tgt Ion: 59 Resp: 1539
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 4.578 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.011 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

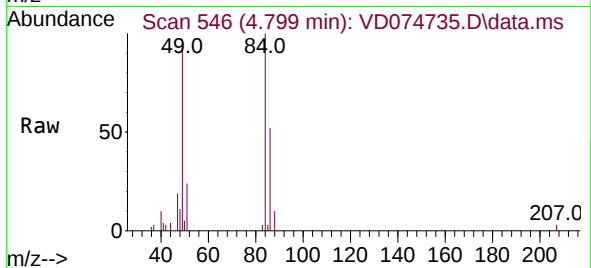
Tgt Ion: 43 Resp: 1282
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



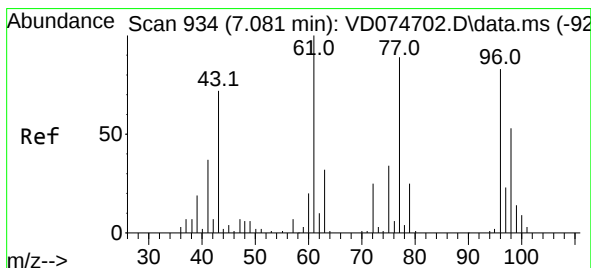
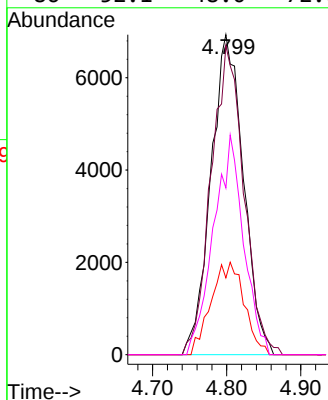
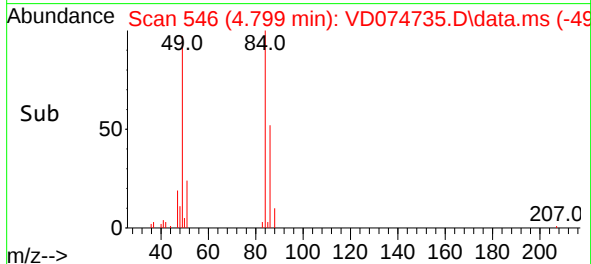


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

Instrument :
MSVOA_D
ClientSampleId :
SB-02-5.5-6.0

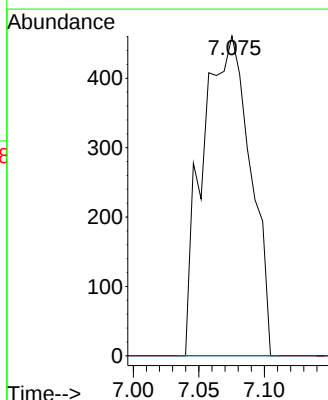
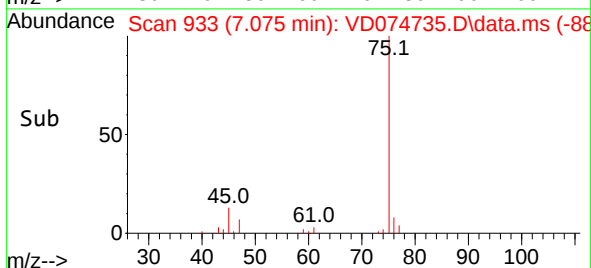
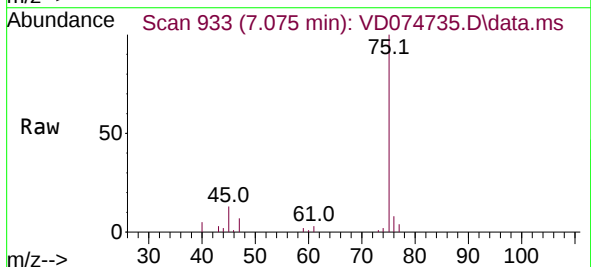


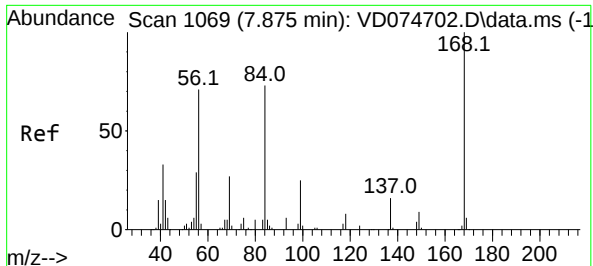
Tgt Ion:	84	Resp:	21089
Ion	Ratio	Lower	Upper
84	100		
49	96.5	68.0	102.0
51	24.0	23.2	34.8
86	52.1	48.0	72.0



#25
2-Butanone
Concen: 3.036 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

Tgt Ion:	43	Resp:	1169
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

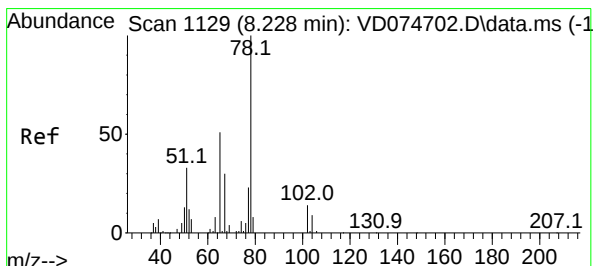
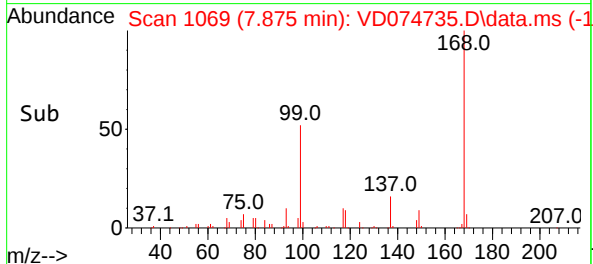
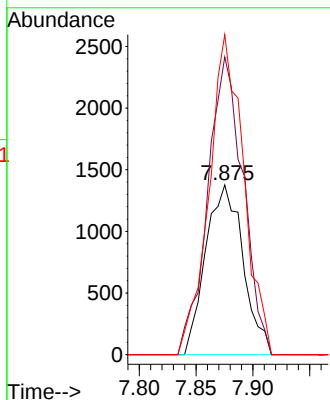
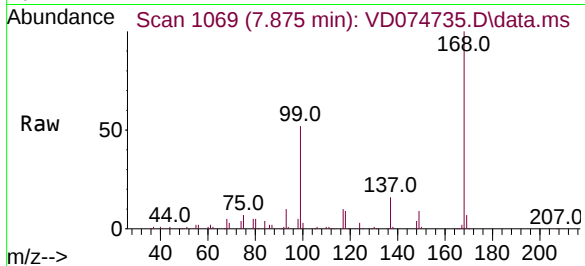




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

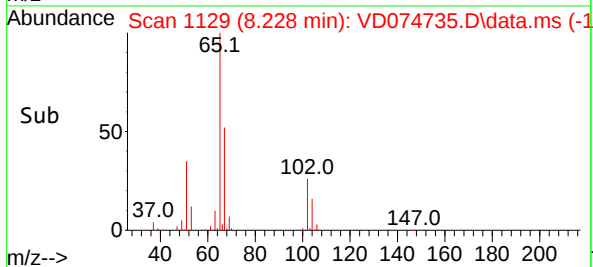
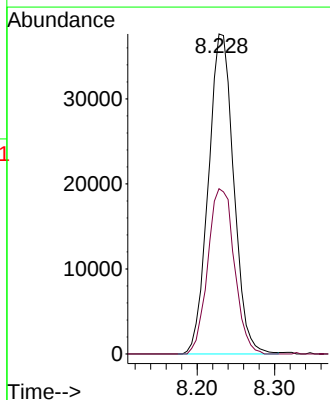
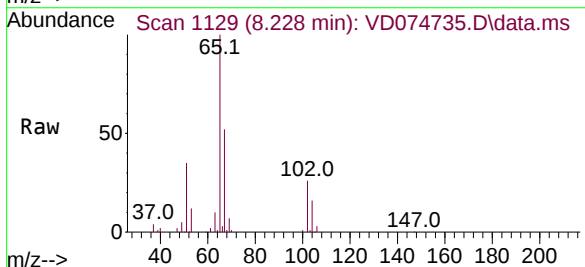
Instrument :
MSVOA_D
ClientSampleId :
SB-02-5.5-6.0

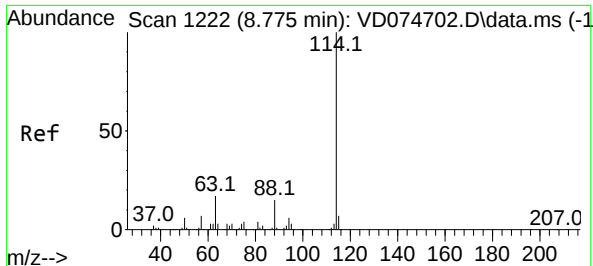
Tgt Ion: 56 Resp: 3148
Ion Ratio Lower Upper
56 100
69 175.5 29.2 43.8#
84 188.5 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 63.668 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

Tgt Ion: 65 Resp: 85439
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2

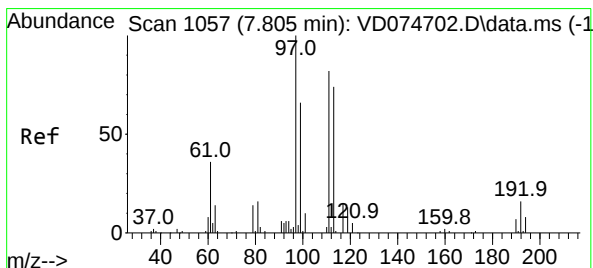
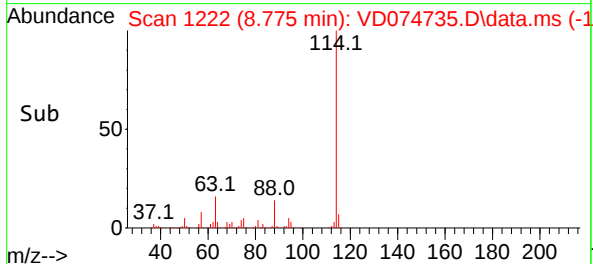
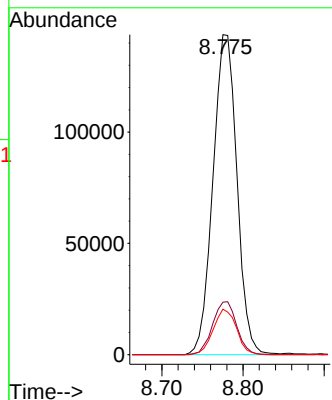
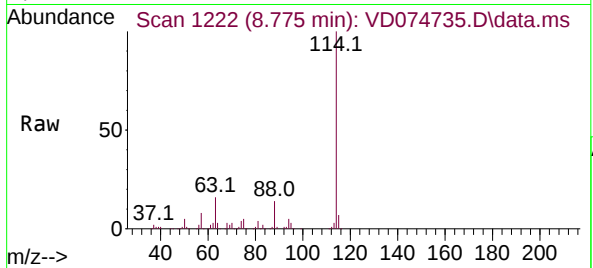




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. 0.000 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

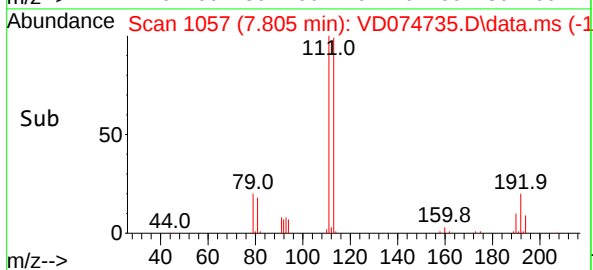
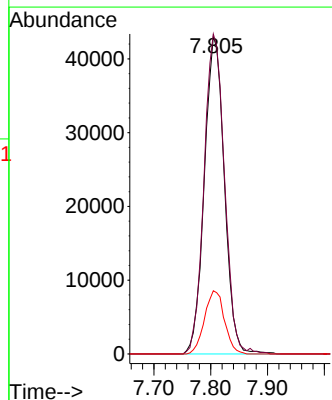
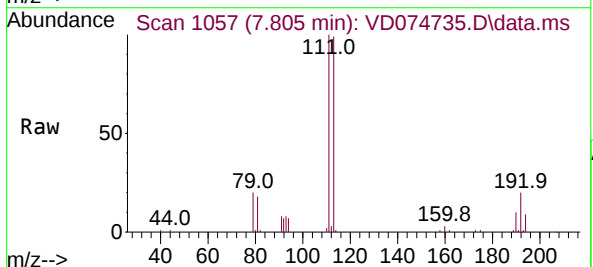
Instrument :
MSVOA_D
ClientSampleId :
SB-02-5.5-6.0

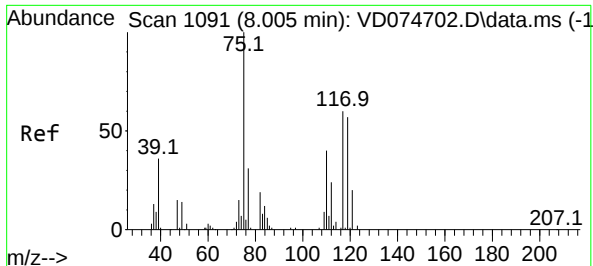
Tgt Ion:114 Resp: 295190
Ion Ratio Lower Upper
114 100
63 16.4 0.0 33.2
88 14.2 0.0 28.2



#35
Dibromofluoromethane
Concen: 60.164 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

Tgt Ion:113 Resp: 105056
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 19.8 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.715 ug/l

RT: 7.881 min Scan# 1091

Delta R.T. -0.124 min

Lab File: VD074735.D

Acq: 04 Nov 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

SB-02-5.5-6.0

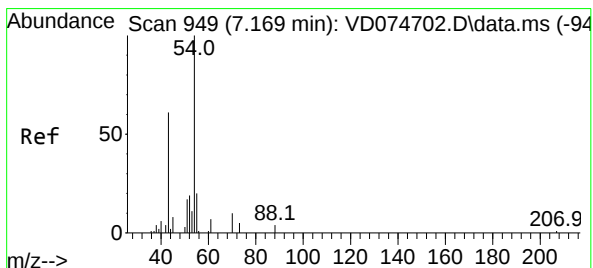
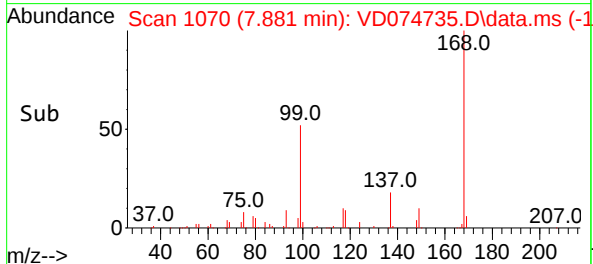
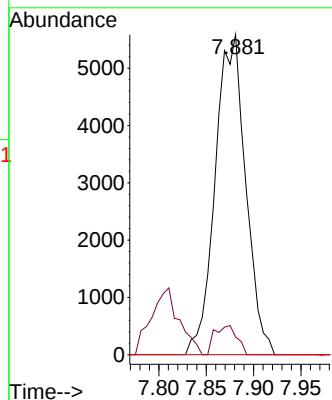
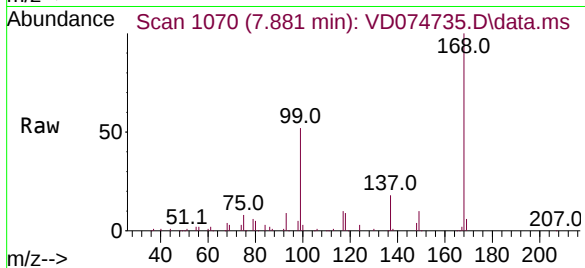
Tgt Ion: 75 Resp: 12496

Ion Ratio Lower Upper

75 100

110 6.6 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 1.322 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.094 min

Lab File: VD074735.D

Acq: 04 Nov 2022 13:54

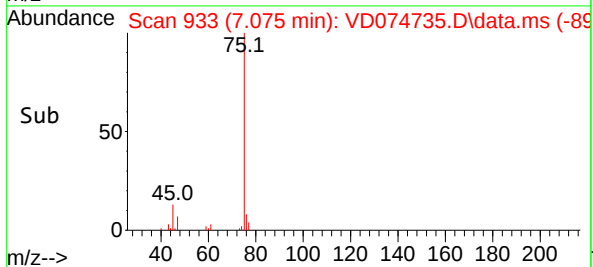
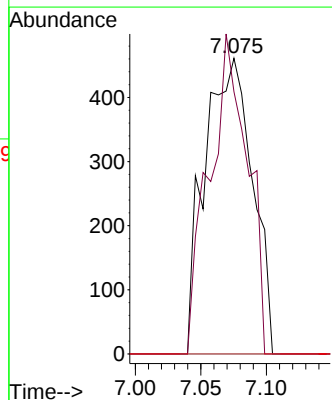
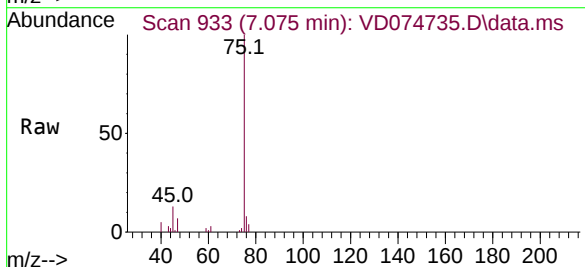
Tgt Ion: 43 Resp: 1169

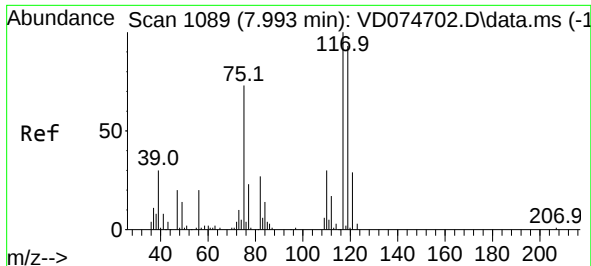
Ion Ratio Lower Upper

43 100

61 86.7 12.2 18.4#

70 0.0 9.6 14.4#

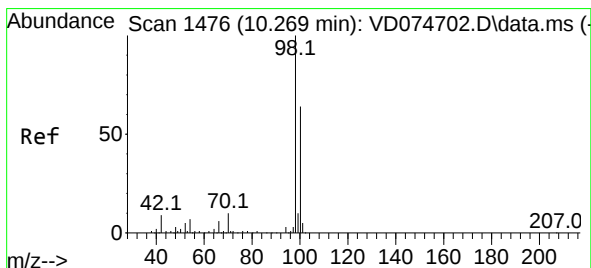
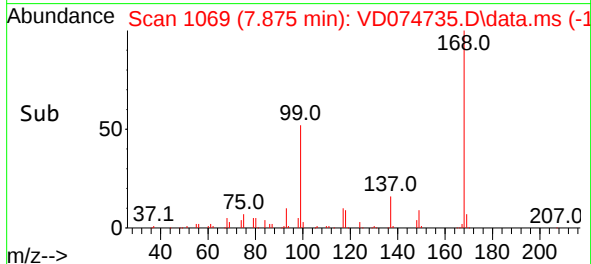
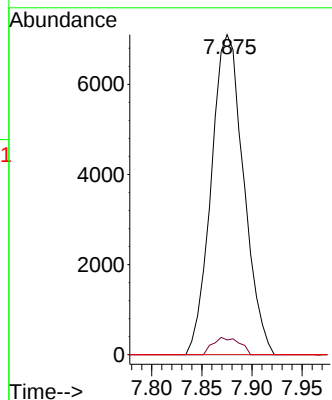
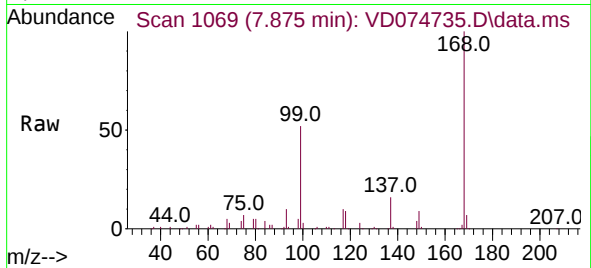




#38
Carbon Tetrachloride
Concen: 6.365 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

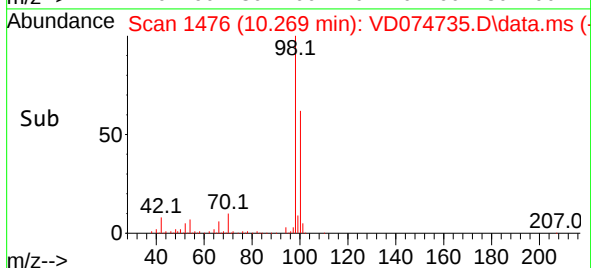
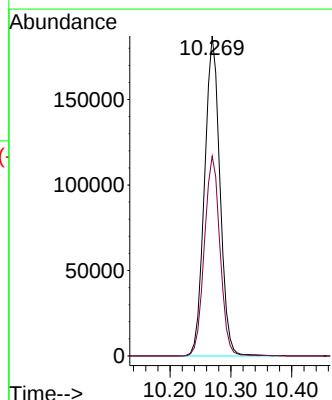
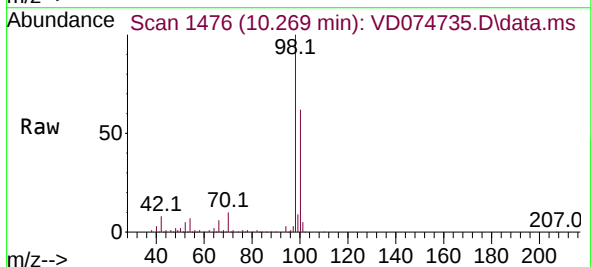
Instrument :
MSVOA_D
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SB-02-5.5-6.0

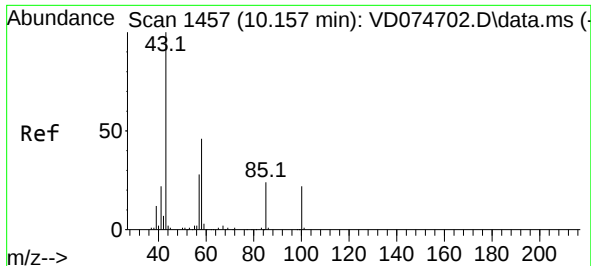
Tgt Ion:117 Resp: 15984
Ion Ratio Lower Upper
117 100
119 4.6 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.548 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

Tgt Ion: 98 Resp: 328334
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0

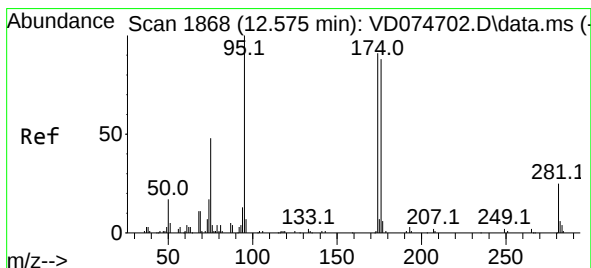
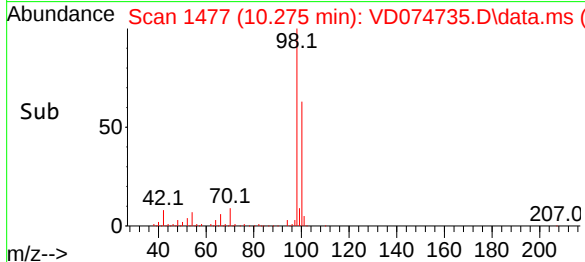
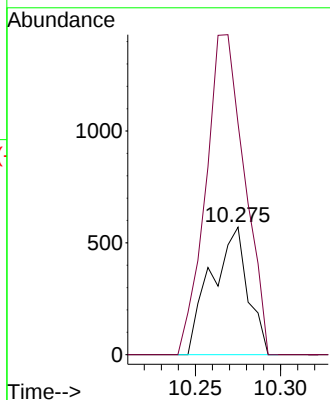
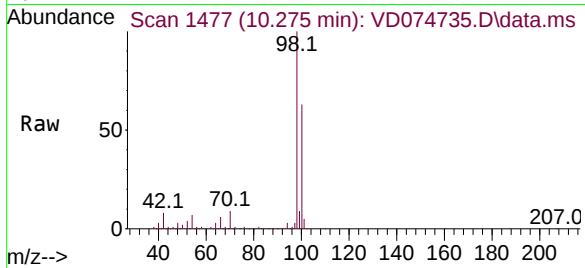




#51
4-Methyl-2-Pentanone
Concen: 1.065 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

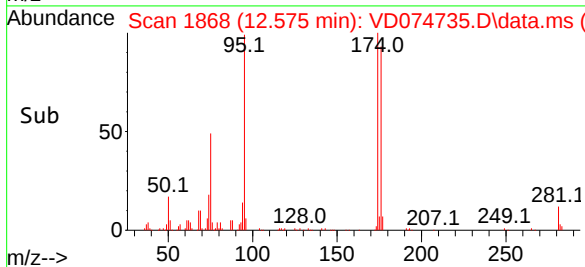
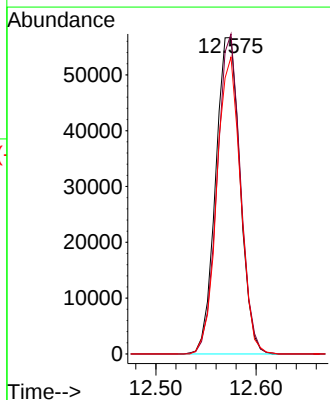
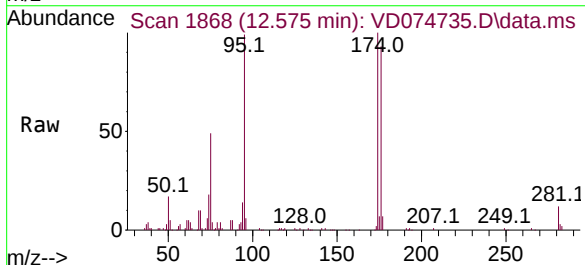
Instrument :
MSVOA_D
ClientSampleId :
SB-02-5.5-6.0

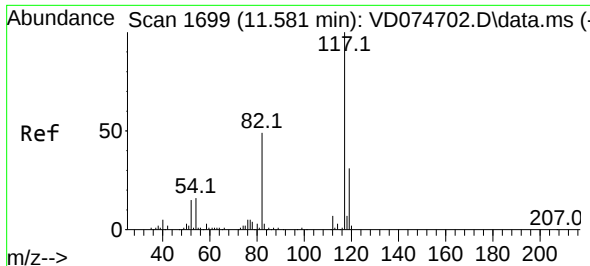
Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
58 266.7 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 52.182 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

Tgt Ion: 95 Resp: 95967
Ion Ratio Lower Upper
95 100
174 96.1 0.0 197.0
176 90.9 0.0 182.6

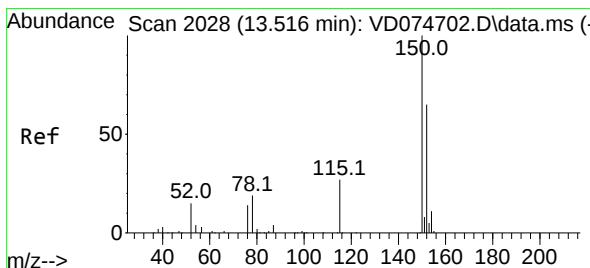
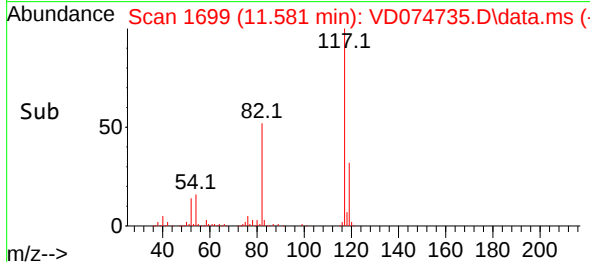
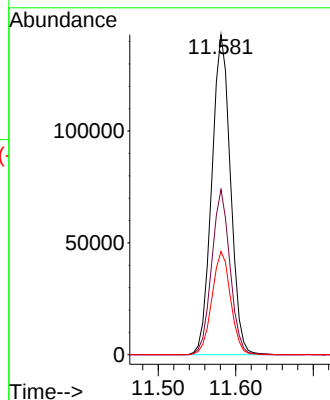
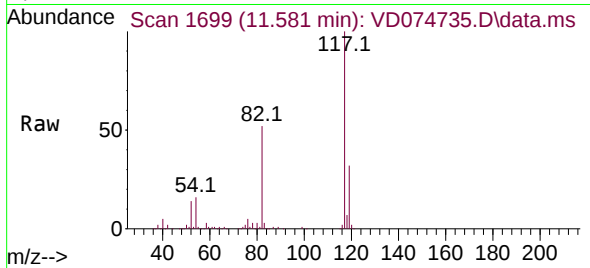




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

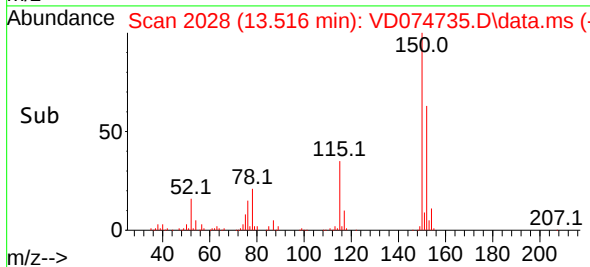
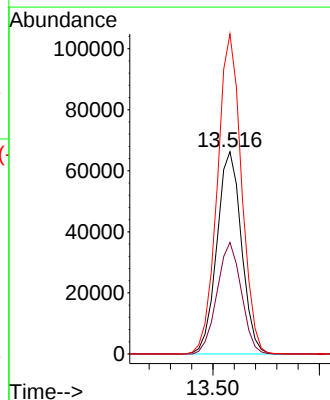
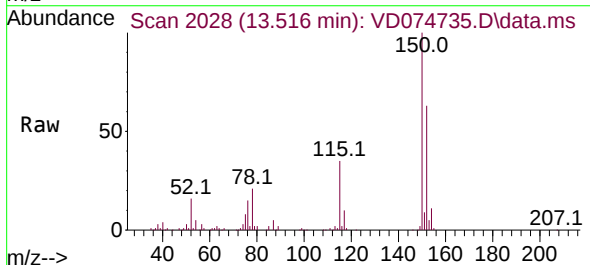
Instrument :
MSVOA_D
ClientSampleId :
SB-02-5.5-6.0

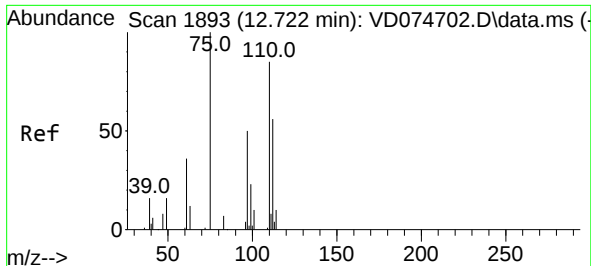
Tgt Ion:117 Resp: 240154
Ion Ratio Lower Upper
117 100
82 51.6 41.6 62.4
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

Tgt Ion:152 Resp: 105886
Ion Ratio Lower Upper
152 100
115 54.5 26.8 80.4
150 155.7 0.0 348.2

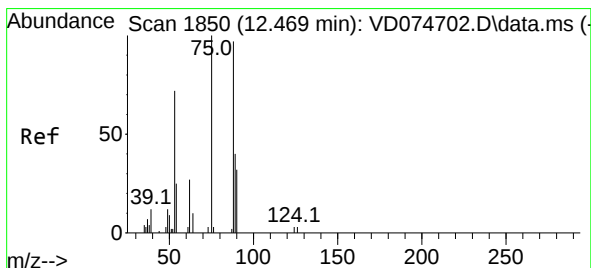
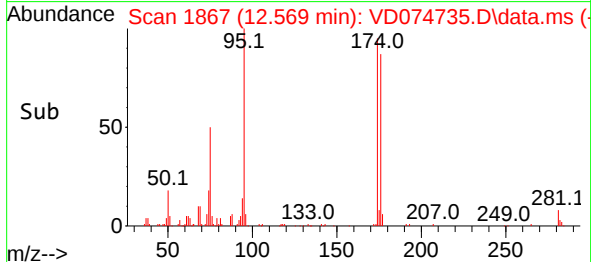
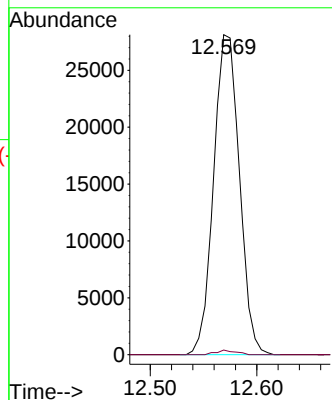
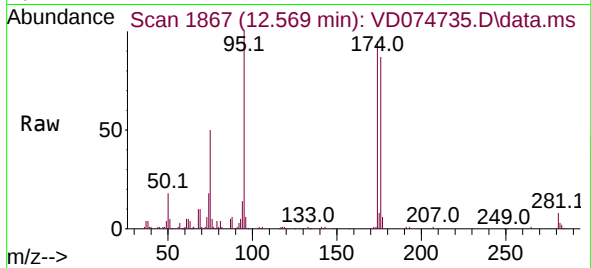




#76
1,2,3-Trichloropropane
Concen: 57.589 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

Instrument :
MSVOA_D
ClientSampleId :
SB-02-5.5-6.0

Tgt Ion: 75 Resp: 47271
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.702 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074735.D
Acq: 04 Nov 2022 13:54

Tgt Ion: 75 Resp: 47271
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.1 38.2 57.4#

