

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074842.D
 Acq On : 09 Nov 2022 23:03
 Operator : VA/SY
 Sample : VD1109SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBL02

Quant Time: Nov 10 00:38:46 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)

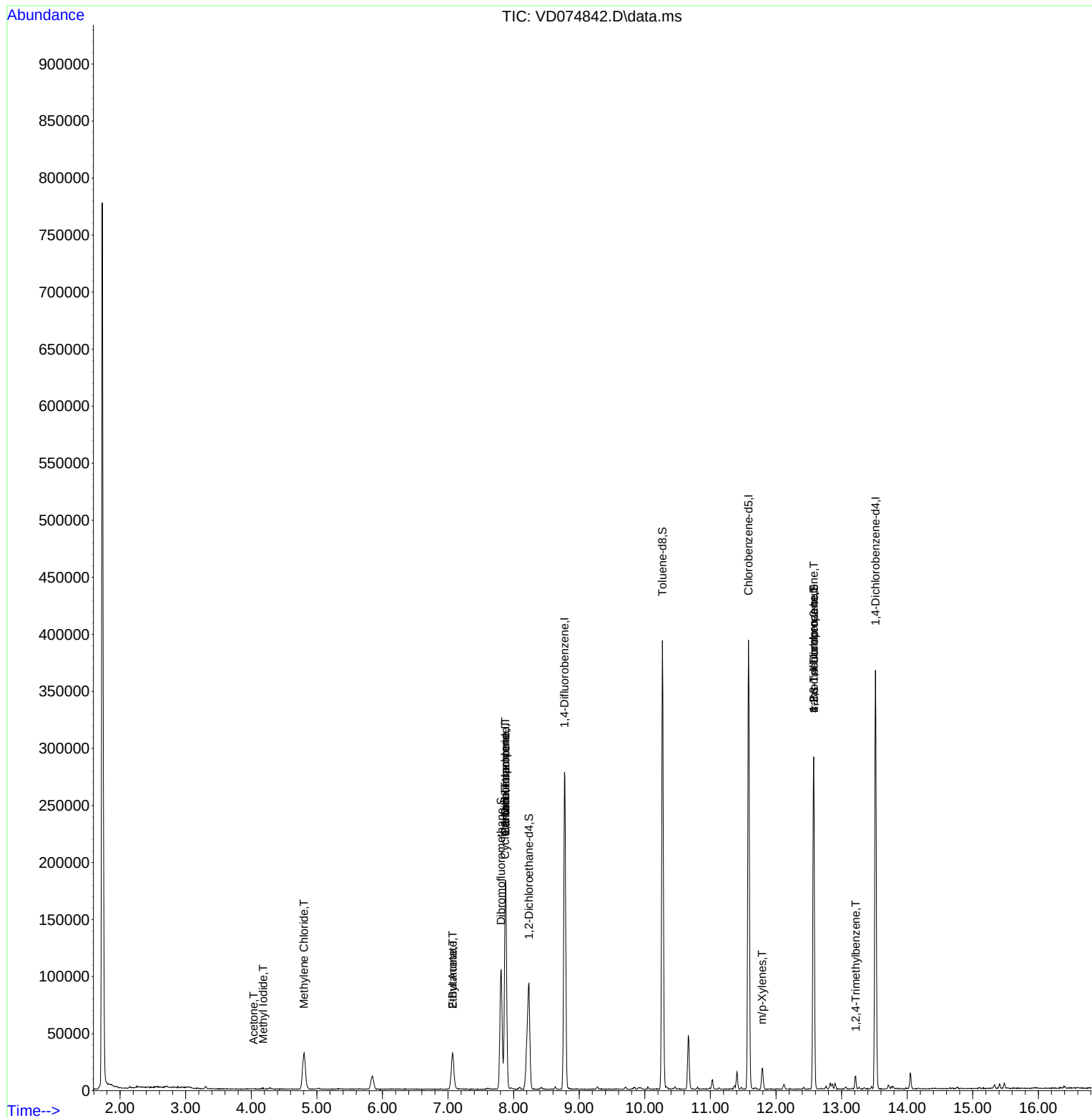
Internal Standards						
1) Pentafluorobenzene	7.875	168	150168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	269418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65205	54.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.640%	
35) Dibromofluoromethane	7.810	113	78439	49.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.440%	
50) Toluene-d8	10.269	98	279752	48.122	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.240%	
62) 4-Bromofluorobenzene	12.575	95	85444	50.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.800%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.181	142	767	5.887	ug/l #	54
11) Tert butyl alcohol	5.046	59	211	Below Cal	#	84
16) Acetone	4.034	43	820	3.304	ug/l #	37
20) Methylene Chloride	4.805	84	28440	2.978	ug/l	90
25) 2-Butanone	7.069	43	1630	4.776	ug/l #	42
31) Cyclohexane	7.869	56	3431	1.425	ug/l #	28
36) 1,1-Dichloropropene	7.875	75	10722	4.432	ug/l #	46
37) Ethyl Acetate	7.069	43	1630	2.020	ug/l #	1
38) Carbon Tetrachloride	7.875	117	14092	6.149	ug/l #	19
68) m/p-Xylenes	11.787	106	6065	1.783	ug/l	96
76) 1,2,3-Trichloropropane	12.575	75	42227	50.893	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	42227	120.807	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.216	105	7747	1.231	ug/l	99

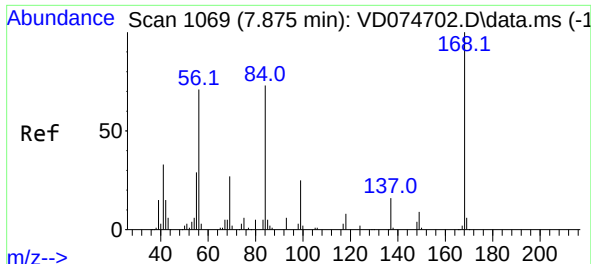
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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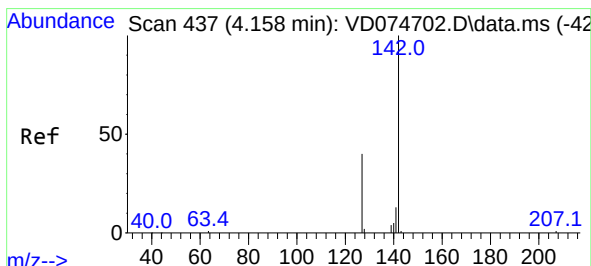
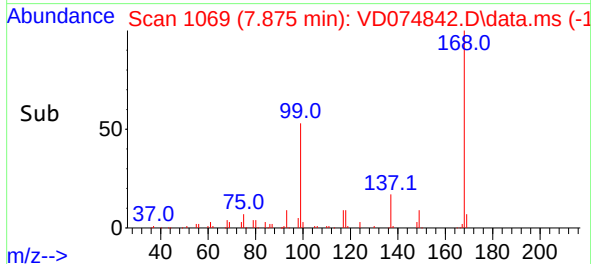
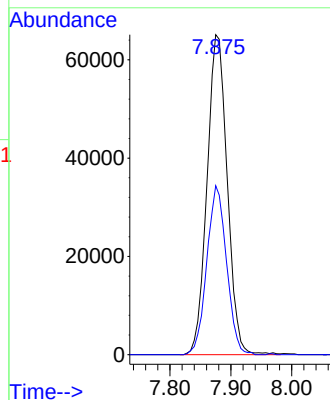
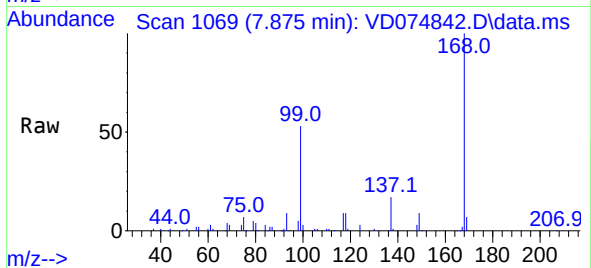




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

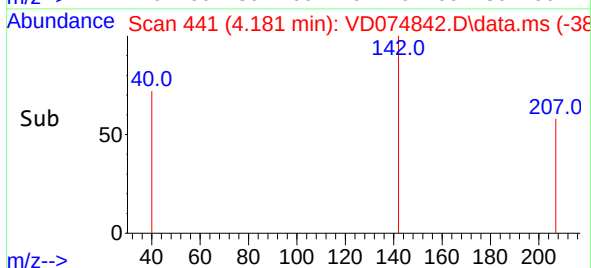
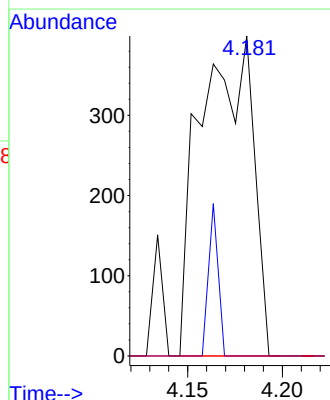
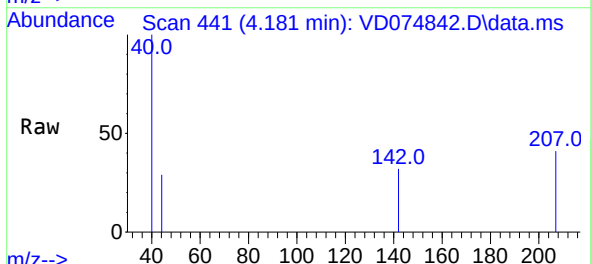
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL02

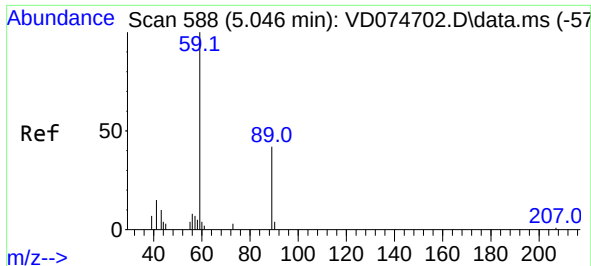
Tgt Ion:168 Resp: 150168
Ion Ratio Lower Upper
168 100
99 52.8 40.9 61.3



#10
Methyl Iodide
Concen: 5.887 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.023 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Tgt Ion:142 Resp: 767
Ion Ratio Lower Upper
142 100
127 8.7 31.9 47.9#
141 0.0 11.4 17.2#

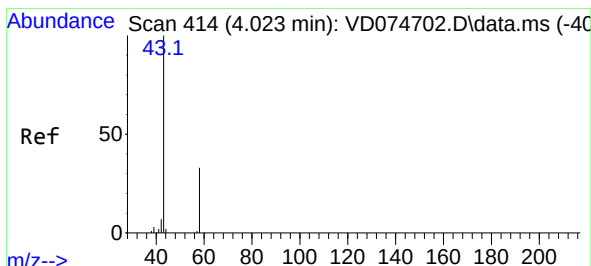
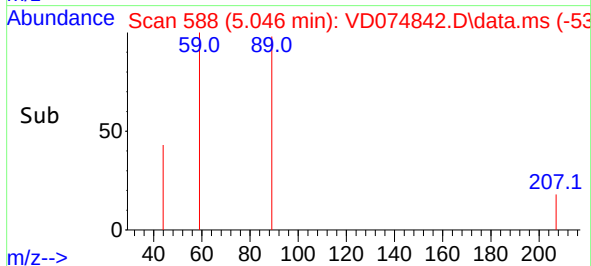
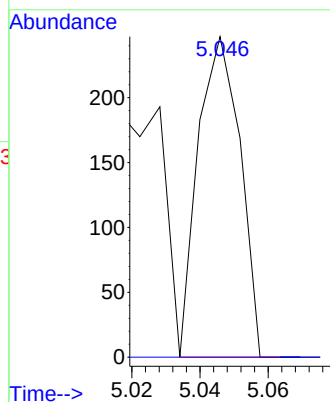
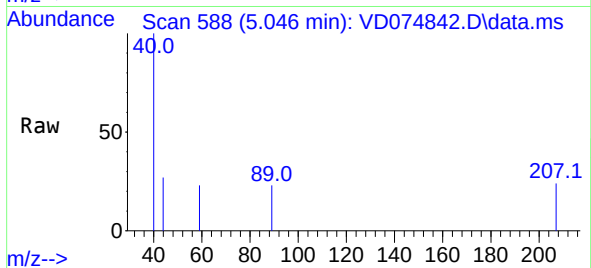




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

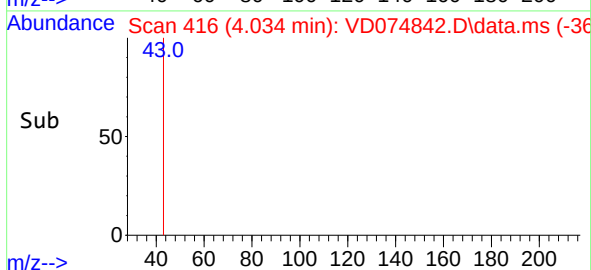
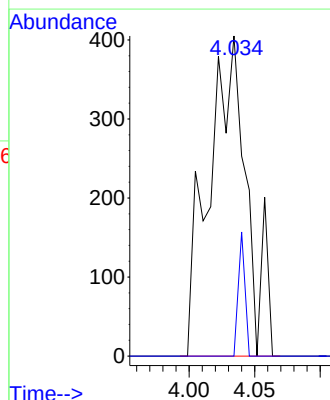
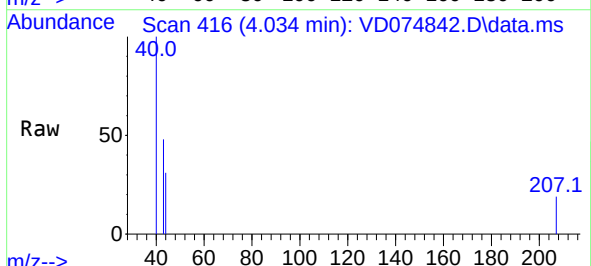
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL02

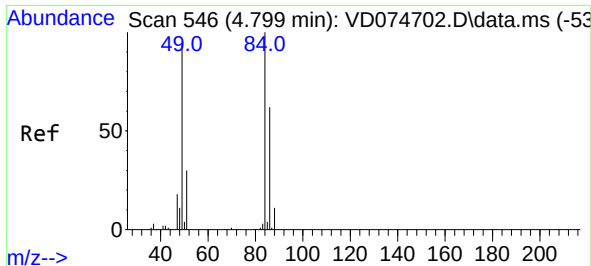
Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 3.304 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.011 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

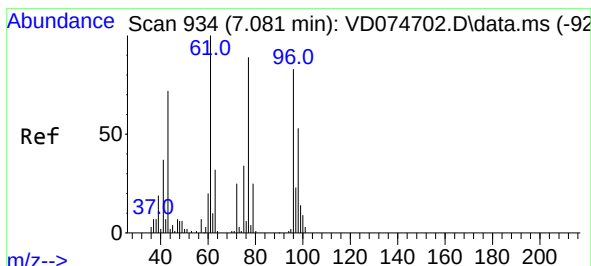
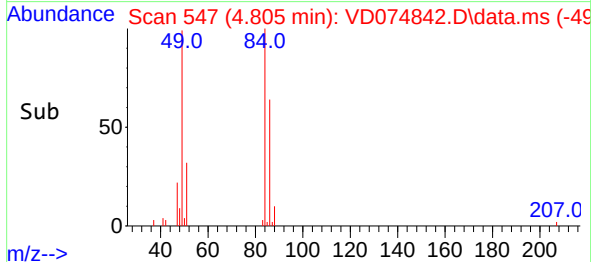
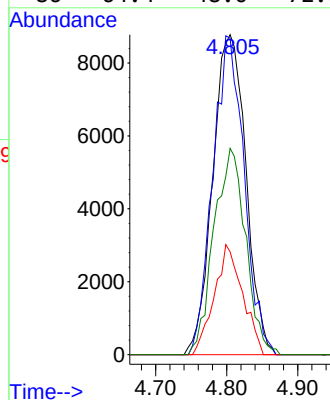
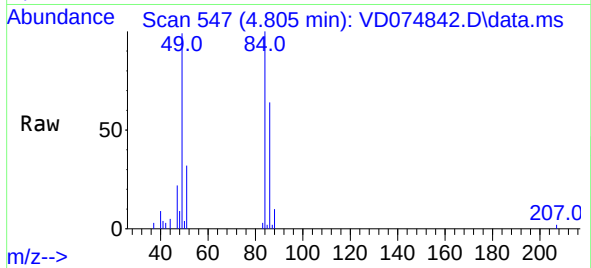




#20
Methylene Chloride
Concen: 2.978 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

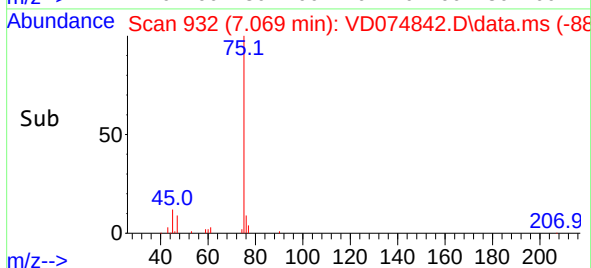
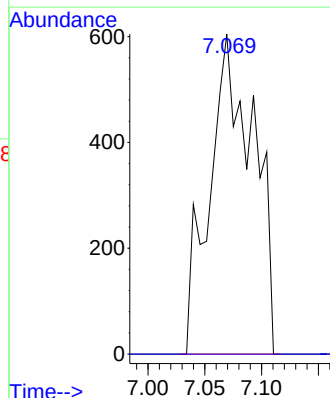
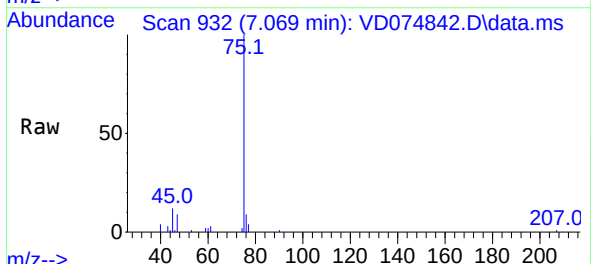
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL02

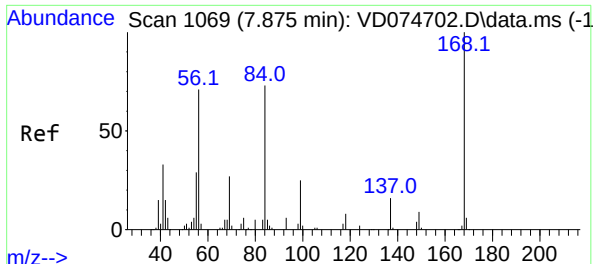
Tgt Ion:	84	Resp:	28440
Ion	Ratio	Lower	Upper
84	100		
49	98.9	68.0	102.0
51	32.2	23.2	34.8
86	64.4	48.0	72.0



#25
2-Butanone
Concen: 4.776 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Tgt Ion:	43	Resp:	1630
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

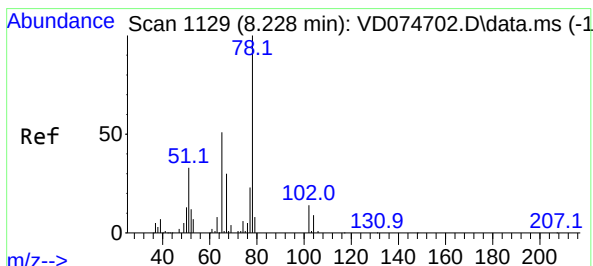
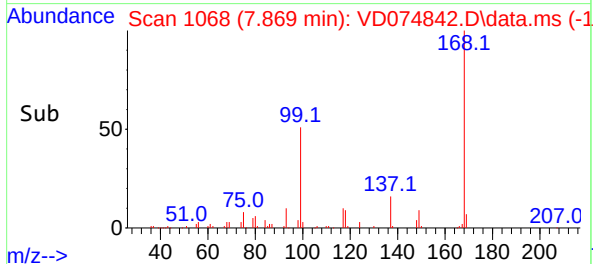
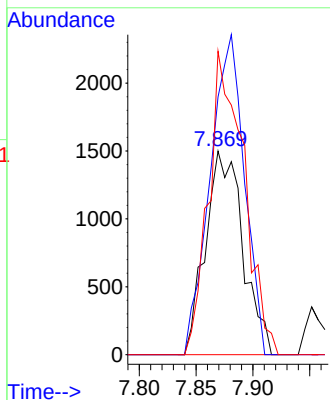
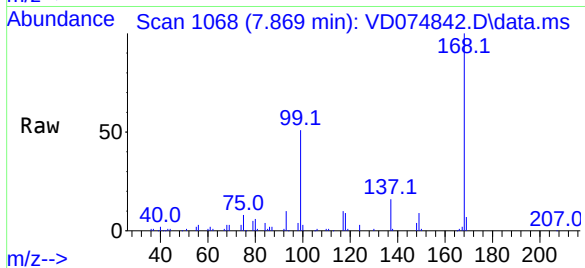




#31
Cyclohexane
Concen: 1.425 ug/l
RT: 7.869 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

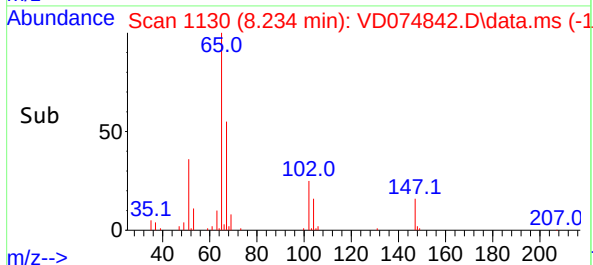
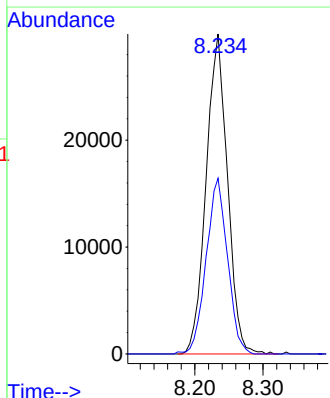
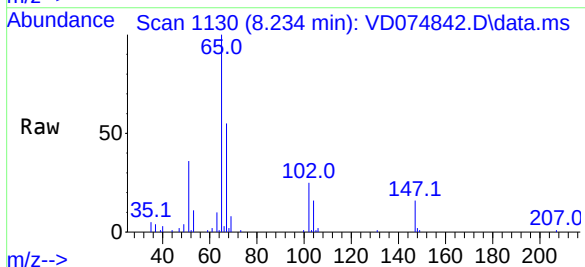
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL02

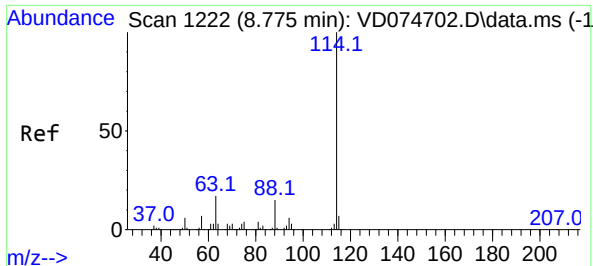
Tgt Ion: 56 Resp: 3431
Ion Ratio Lower Upper
56 100
69 126.7 29.2 43.8#
84 149.1 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 54.824 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Tgt Ion: 65 Resp: 65205
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074842.D

Acq: 09 Nov 2022 23:03

Instrument :

MSVOA_D

ClientSampleId :

VD1109SBL02

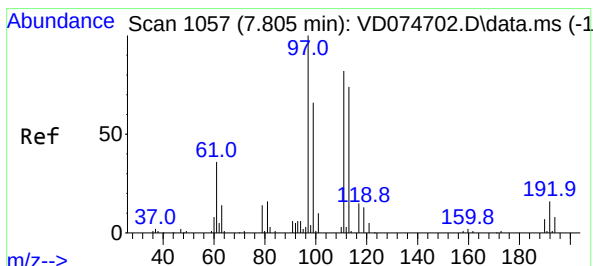
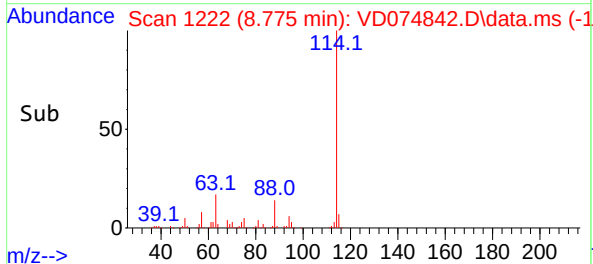
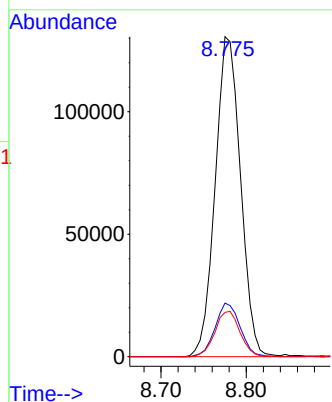
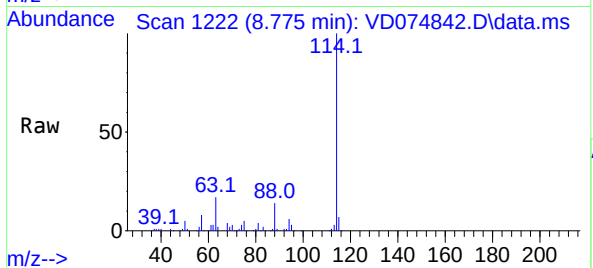
Tgt Ion:114 Resp: 269418

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.2

88 13.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 49.218 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074842.D

Acq: 09 Nov 2022 23:03

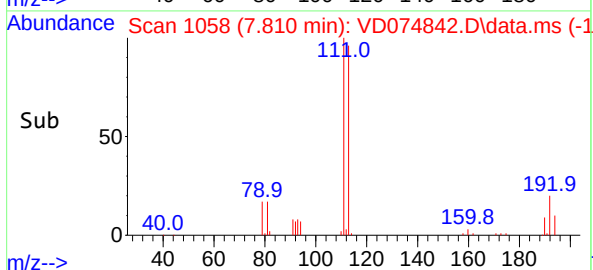
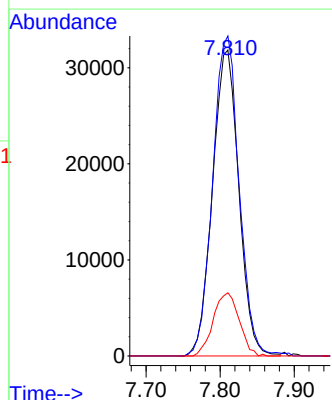
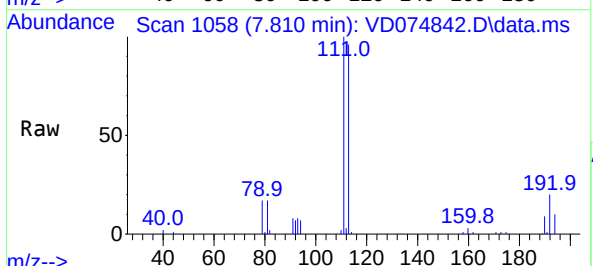
Tgt Ion:113 Resp: 78439

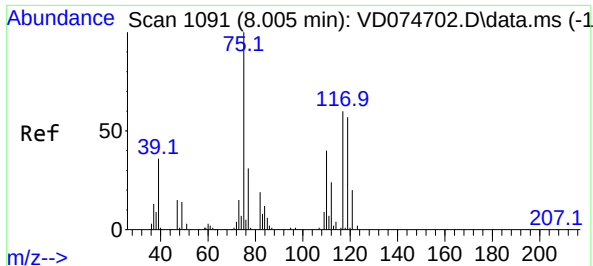
Ion Ratio Lower Upper

113 100

111 105.3 82.3 123.5

192 20.4 16.4 24.6

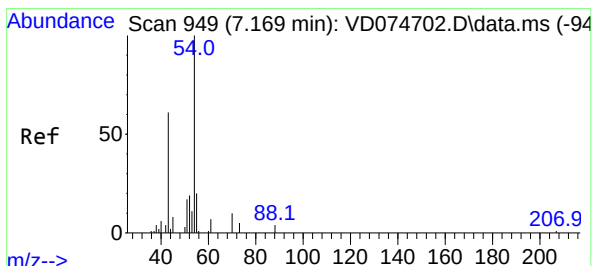
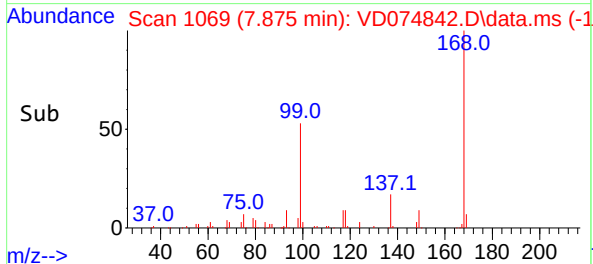
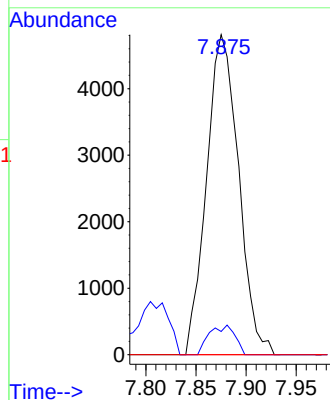
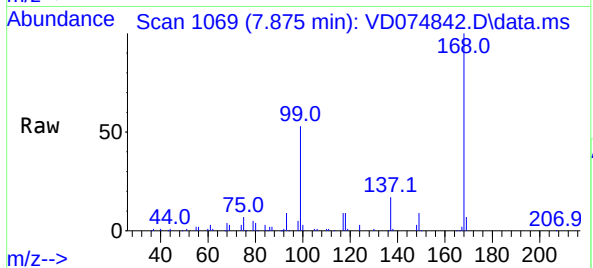




#36
1,1-Dichloropropene
Concen: 4.432 ug/l
RT: 7.875 min Scan# 1091
Delta R.T. -0.130 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

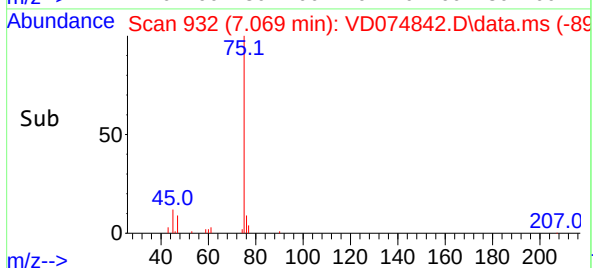
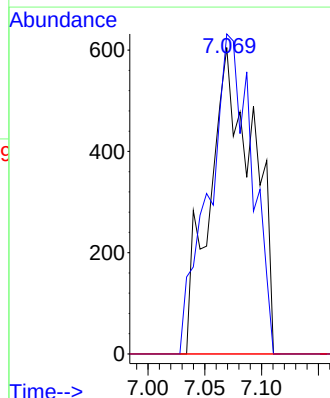
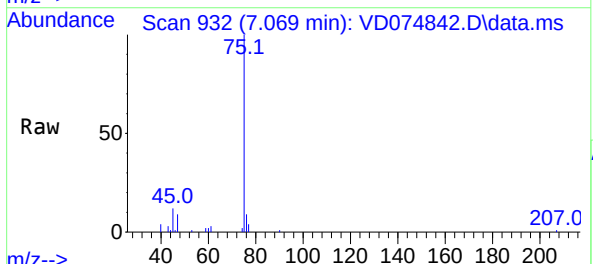
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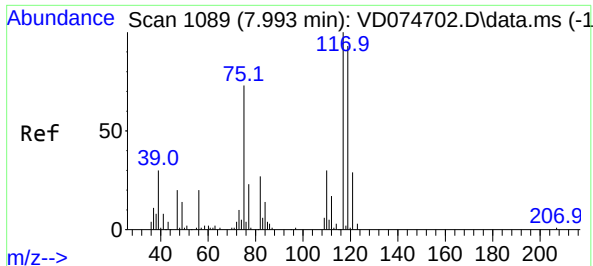
Tgt Ion: 75 Resp: 10722
Ion Ratio Lower Upper
75 100
110 7.4 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 2.020 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.100 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Tgt Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
61 101.7 12.2 18.4#
70 0.0 9.6 14.4#

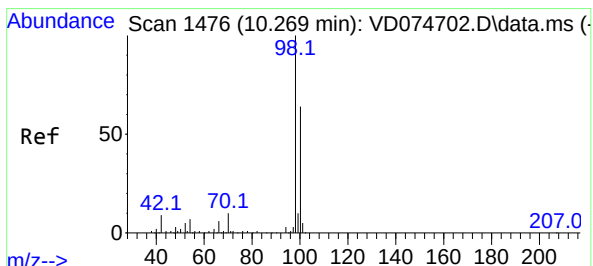
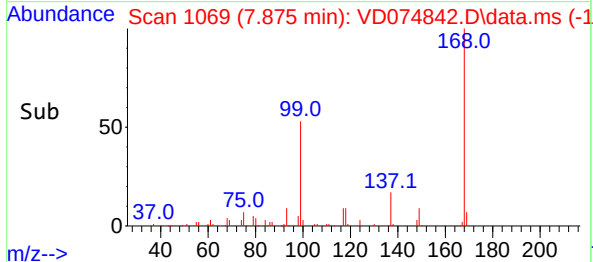
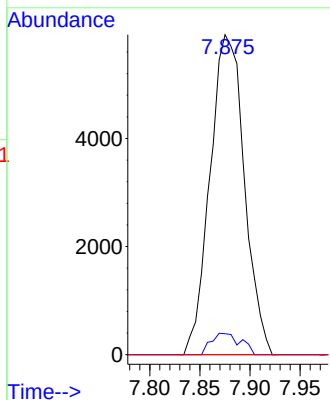
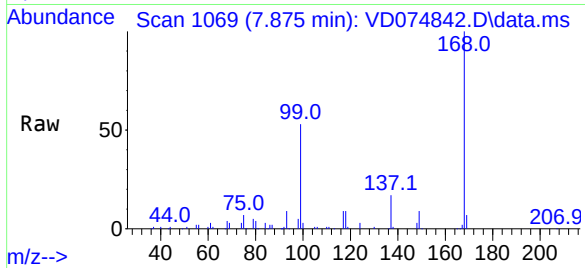




#38
Carbon Tetrachloride
Concen: 6.149 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

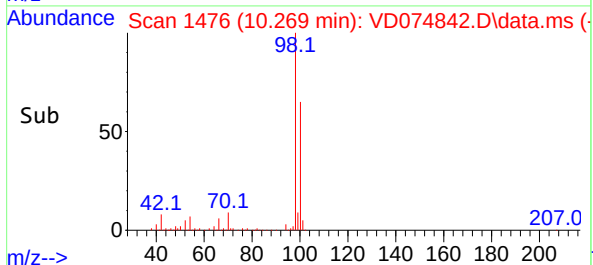
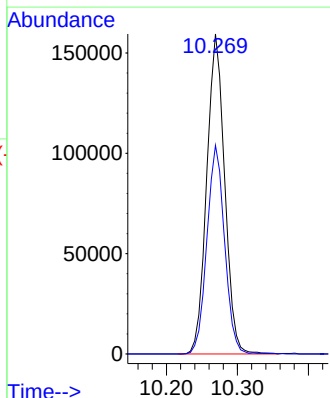
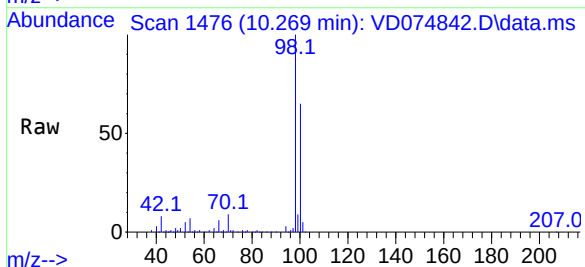
Instrument : MSVOA_D
ClientSampleId : VD1109SBL02

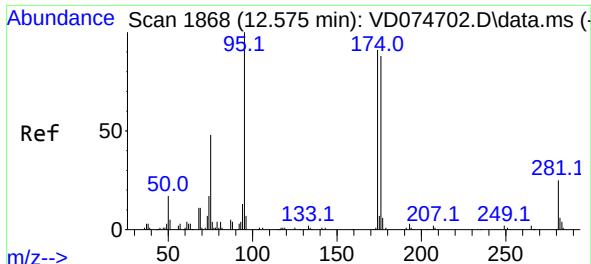
Tgt Ion:117 Resp: 14092
Ion Ratio Lower Upper
117 100
119 6.5 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 48.122 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Tgt Ion: 98 Resp: 279752
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0

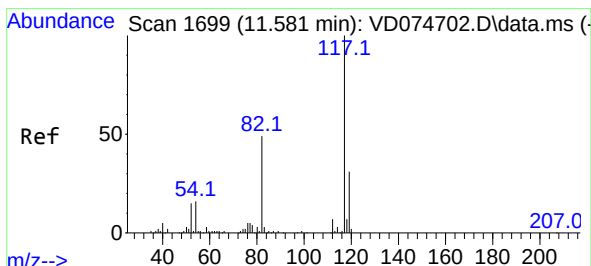
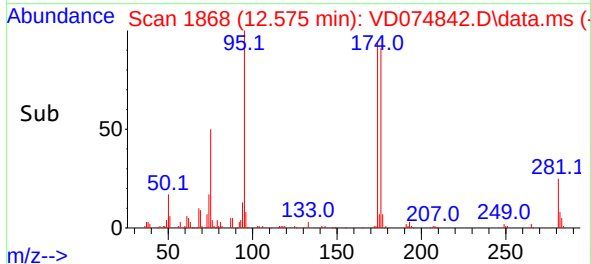
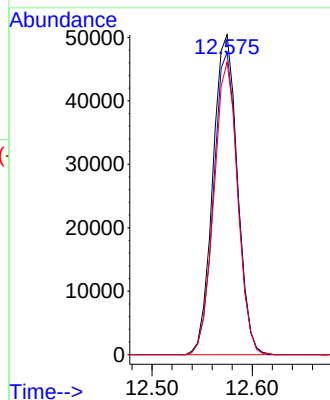
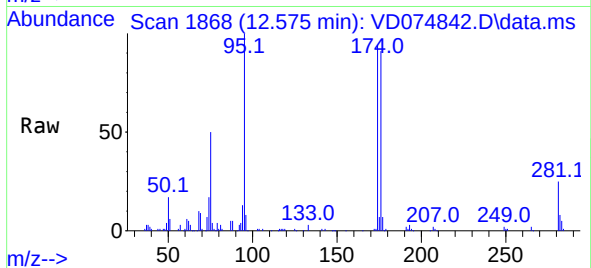




#62
4-Bromofluorobenzene
Concen: 50.904 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

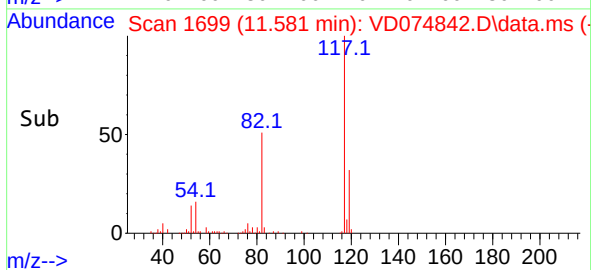
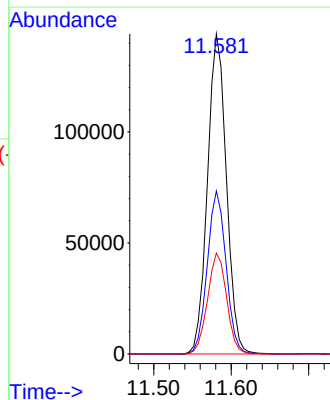
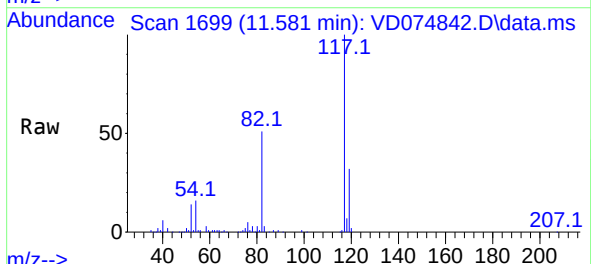
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL02

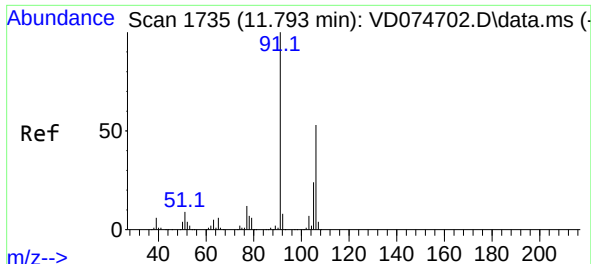
Tgt Ion:	95	Resp:	85444
Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	197.0
176	88.8	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Tgt Ion:	117	Resp:	244132
Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.6	62.4
119	31.5	25.2	37.8

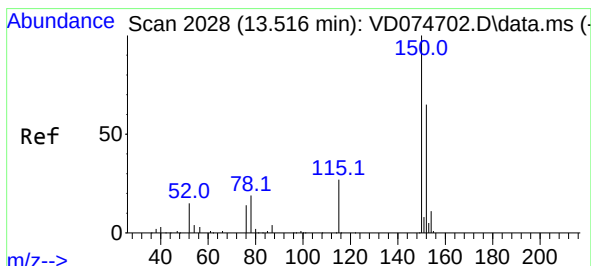
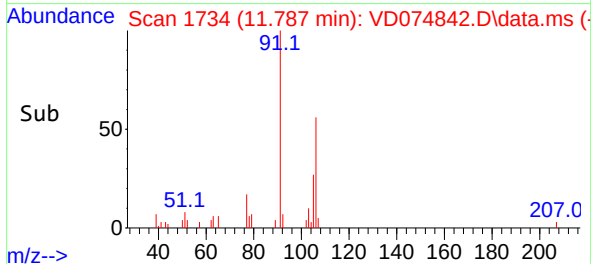
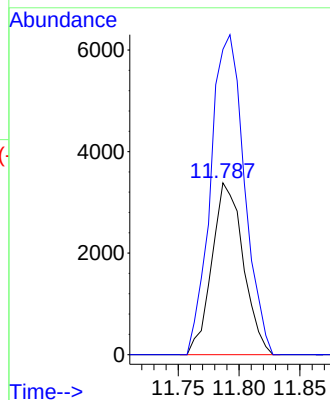
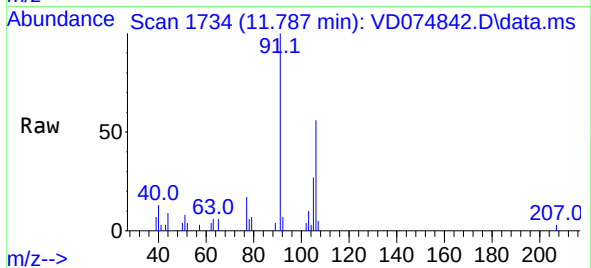




#68
m/p-Xylenes
Concen: 1.783 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

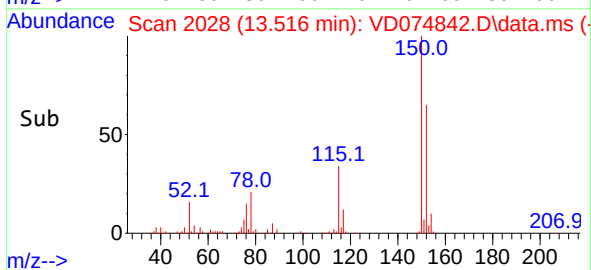
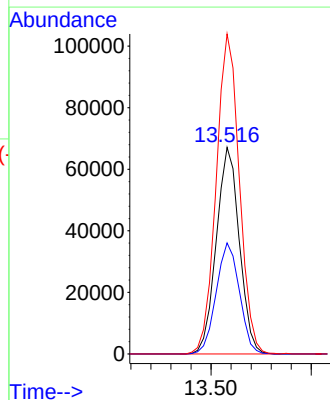
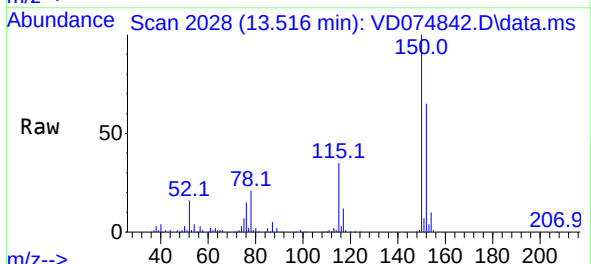
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL02

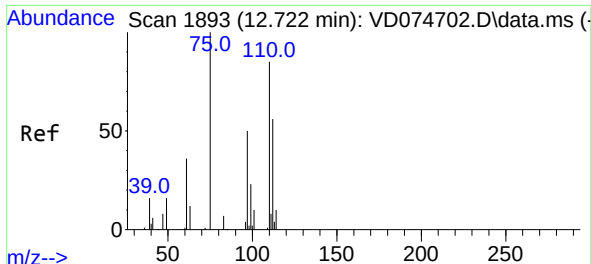
Tgt Ion:106 Resp: 6065
Ion Ratio Lower Upper
106 100
91 200.6 156.2 234.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Tgt Ion:152 Resp: 107033
Ion Ratio Lower Upper
152 100
115 54.1 26.8 80.4
150 155.6 0.0 348.2

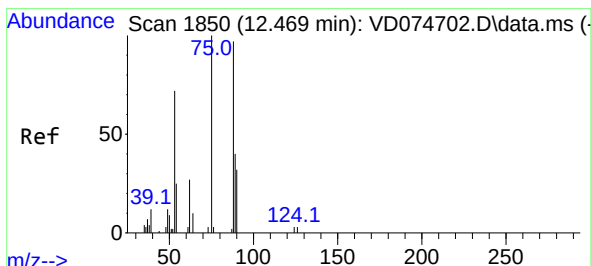
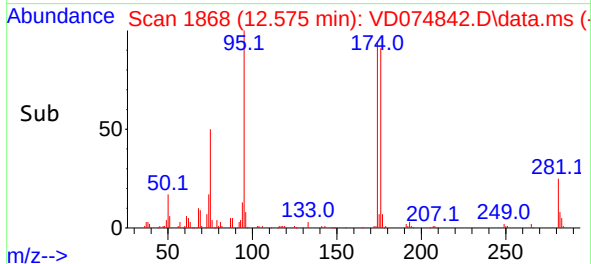
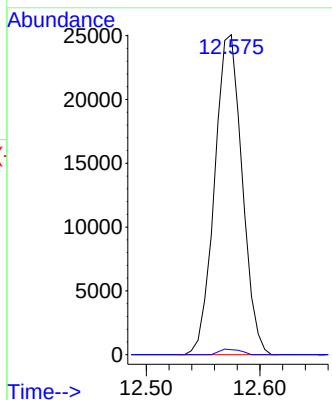
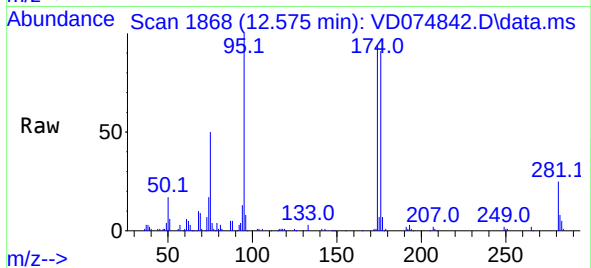




#76
1,2,3-Trichloropropane
Concen: 50.893 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

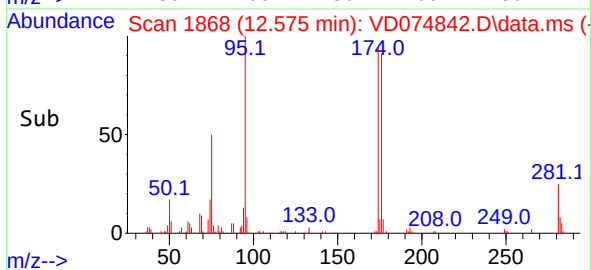
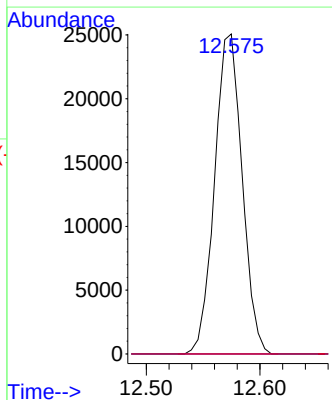
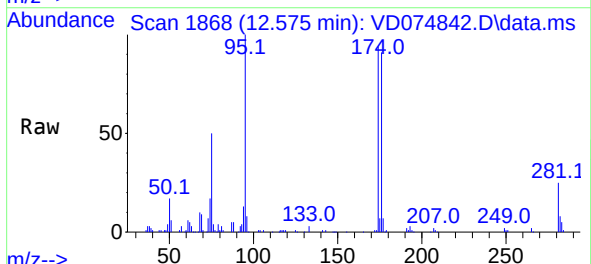
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL02

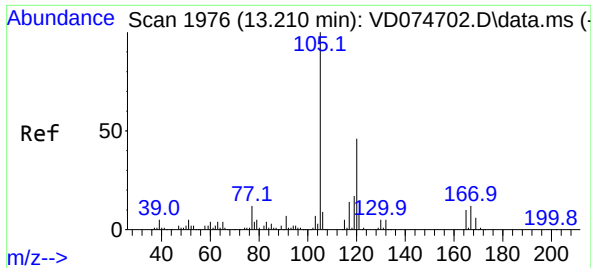
Tgt Ion: 75 Resp: 42227
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.807 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Tgt Ion: 75 Resp: 42227
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#





#84
 1,2,4-Trimethylbenzene
 Concen: 1.231 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD074842.D
 Acq: 09 Nov 2022 23:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBL02

Tgt Ion:105 Resp: 7747
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.9 68.7

