

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074812.D
 Acq On : 08 Nov 2022 19:16
 Operator : VA/SY
 Sample : N5494-13RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 23:39:57 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)

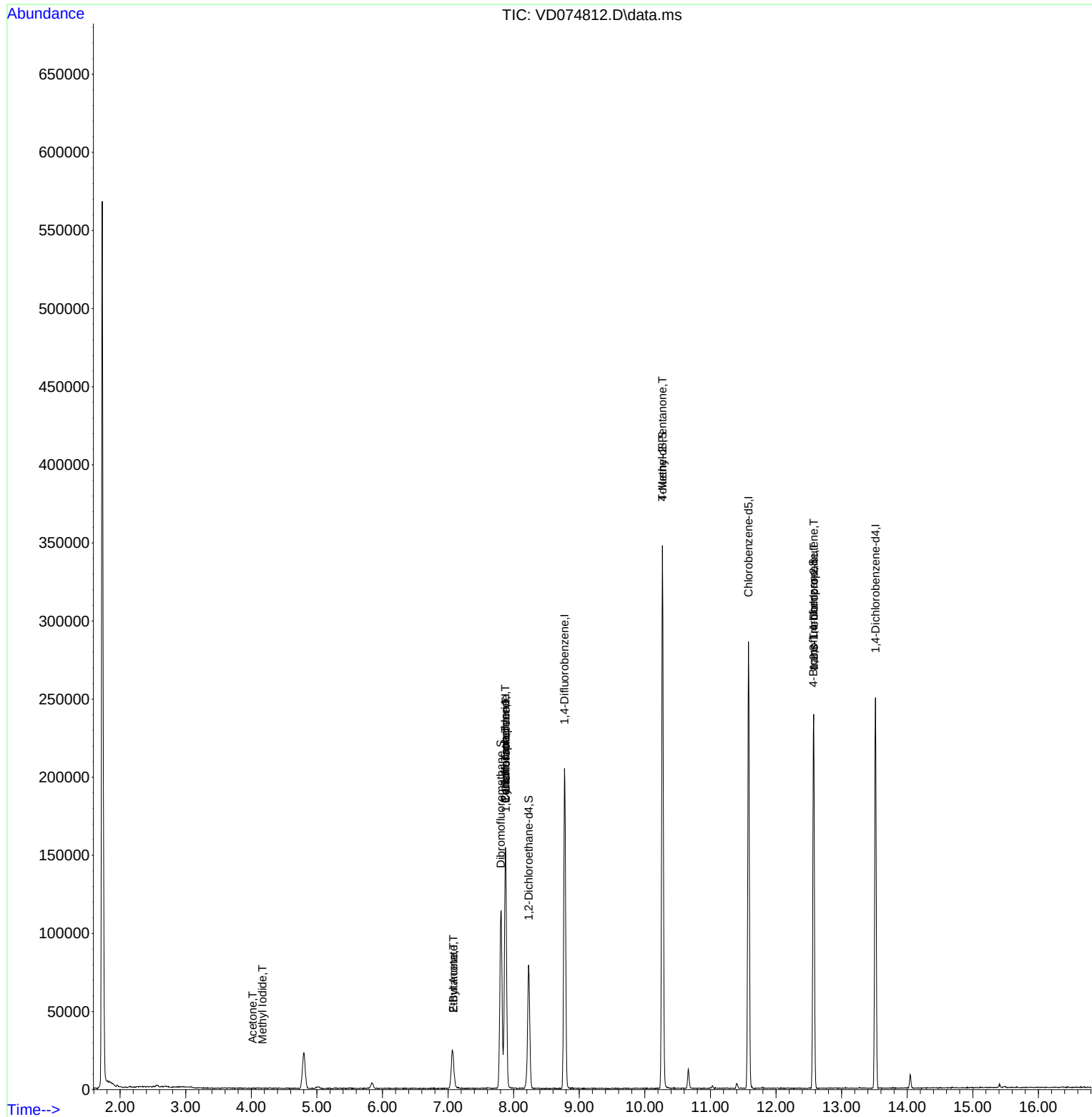
Internal Standards						
1) Pentafluorobenzene	7.875	168	129327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	72063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59400	57.991	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.980%			
35) Dibromofluoromethane	7.804	113	86904	74.325	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 148.640%#			
50) Toluene-d8	10.269	98	250342	58.696	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.400%			
62) 4-Bromofluorobenzene	12.569	95	69106	56.117	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.240%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	69	5.591	ug/l #	43
11) Tert butyl alcohol	5.010	59	423	Below Cal	#	84
16) Acetone	4.022	43	336	1.572	ug/l #	37
20) Methylene Chloride	4.805	84	19808	Below Cal		94
25) 2-Butanone	7.081	43	1205	4.100	ug/l #	42
31) Cyclohexane	7.875	56	2207	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	8831	4.976	ug/l #	46
37) Ethyl Acetate	7.081	43	1205	2.035	ug/l #	1
38) Carbon Tetrachloride	7.875	117	11576	6.885	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	723	1.353	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	33481	59.934	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	33481	142.267	ug/l #	17

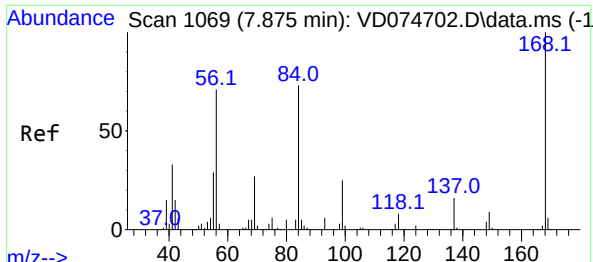
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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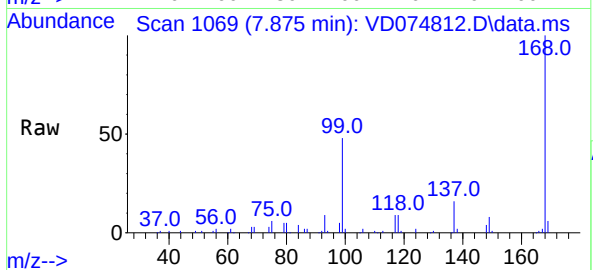
Quant Time: Nov 08 23:39:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
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QLast Update : Thu Nov 03 02:30:45 2022
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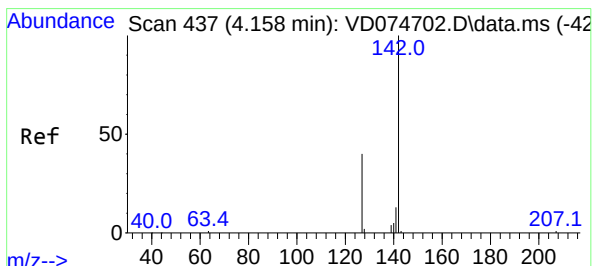
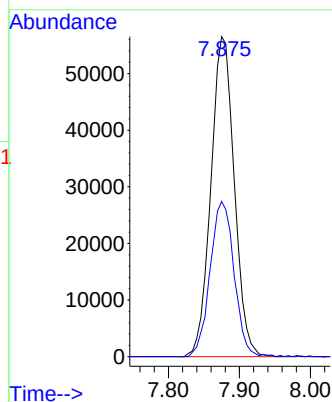
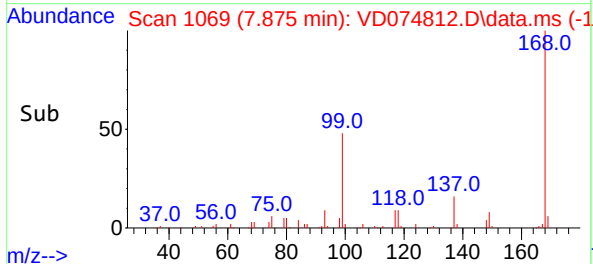


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

Instrument :
MSVOA_D
ClientSampleId :

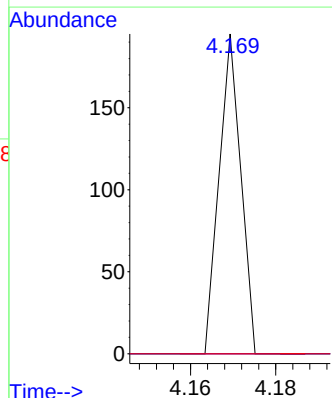
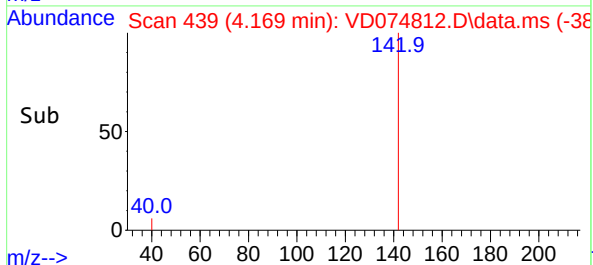
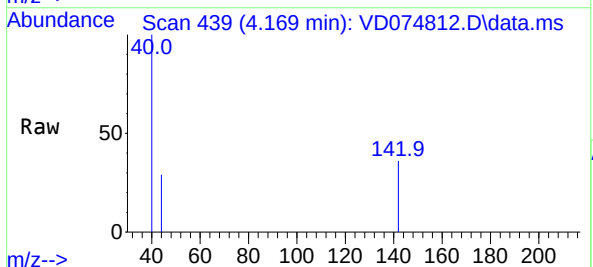


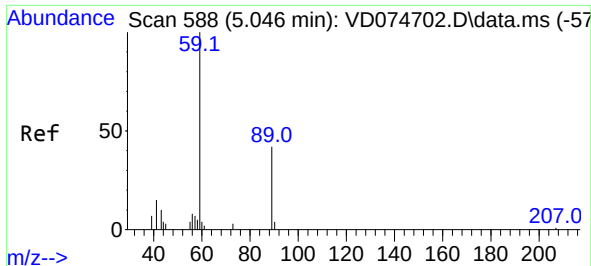
Tgt Ion:168 Resp: 129327
Ion Ratio Lower Upper
168 100
99 48.5 40.9 61.3



#10
Methyl Iodide
Concen: 5.591 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

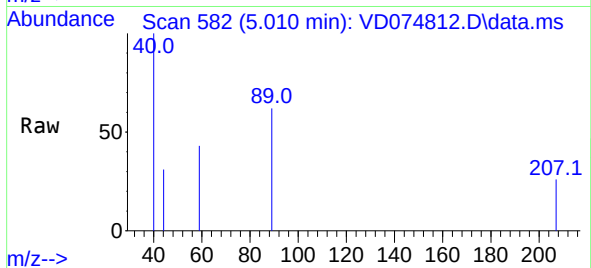
Tgt Ion:142 Resp: 69
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



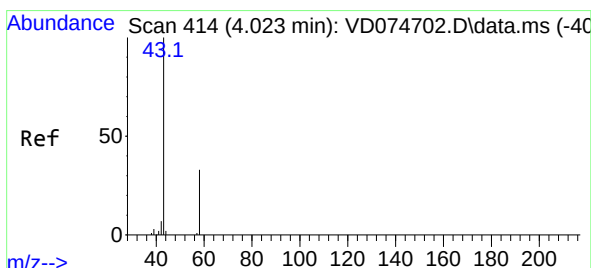
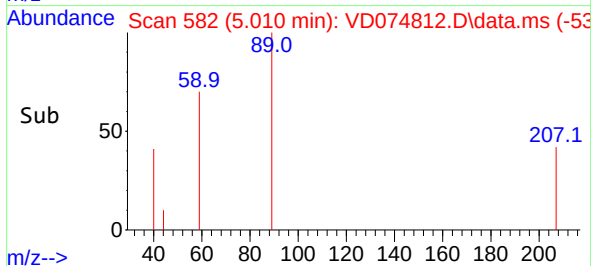
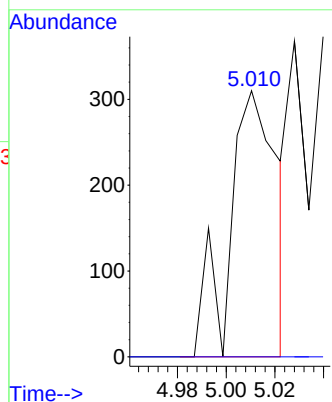


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

Instrument :
MSVOA_D
ClientSampleId :

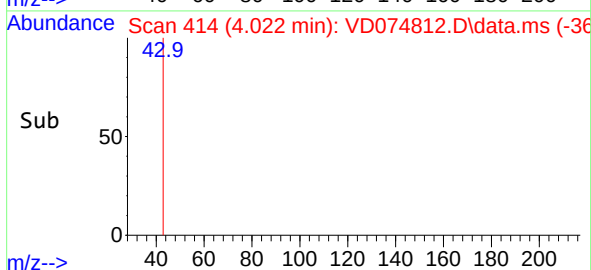
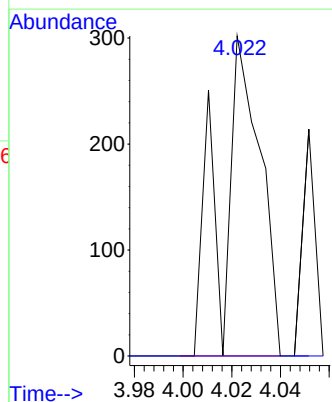
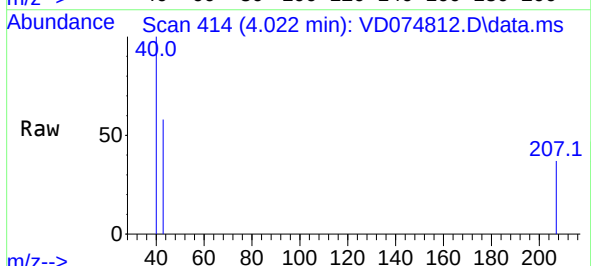


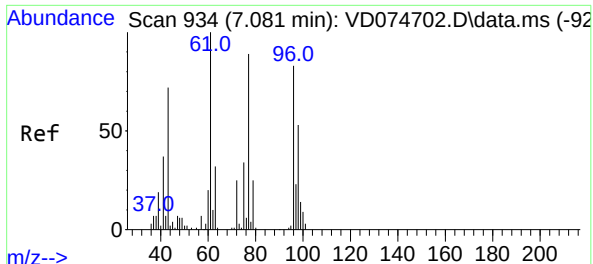
Tgt Ion: 59 Resp: 423
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 1.572 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

Tgt Ion: 43 Resp: 336
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#





#25

2-Butanone

Concen: 4.100 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074812.D

Acq: 08 Nov 2022 19:16

Instrument :

MSVOA_D

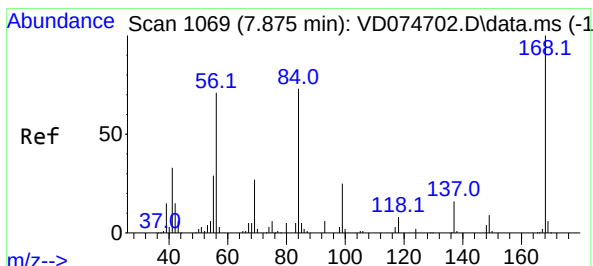
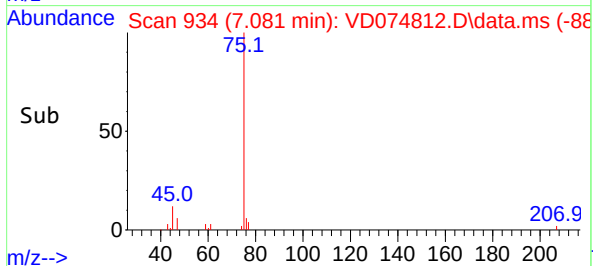
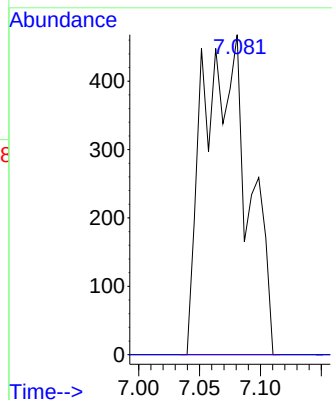
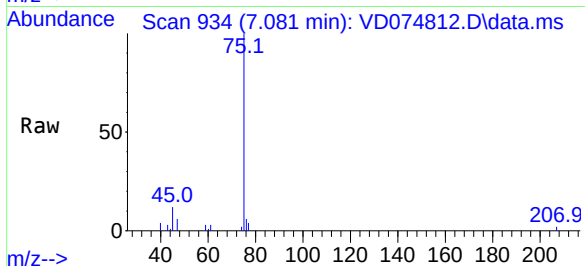
ClientSampleId :

Tgt Ion: 43 Resp: 1205

Ion Ratio Lower Upper

43 100

72 0.0 25.8 38.8#



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD074812.D

Acq: 08 Nov 2022 19:16

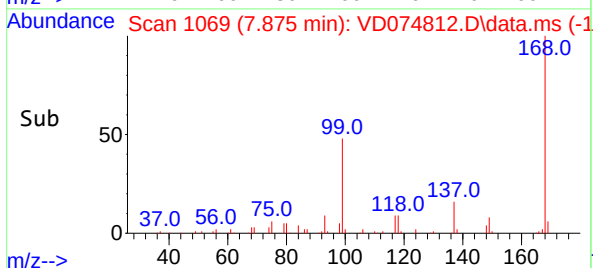
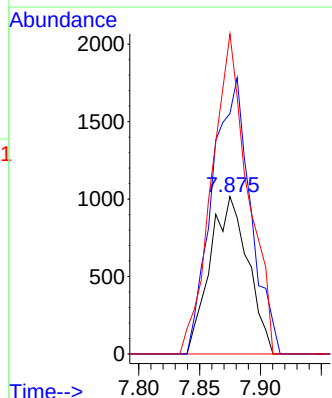
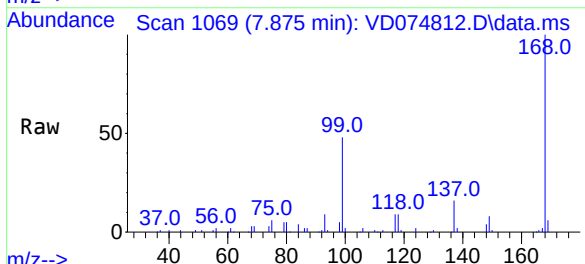
Tgt Ion: 56 Resp: 2207

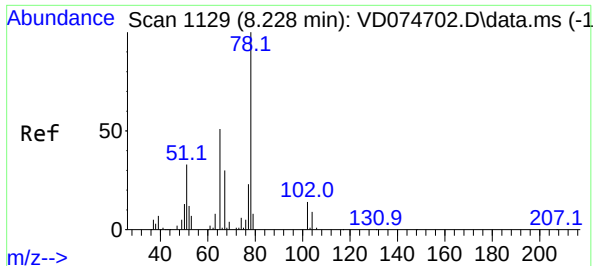
Ion Ratio Lower Upper

56 100

69 152.7 29.2 43.8#

84 203.1 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 57.991 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074812.D

Acq: 08 Nov 2022 19:16

Instrument :

MSVOA_D

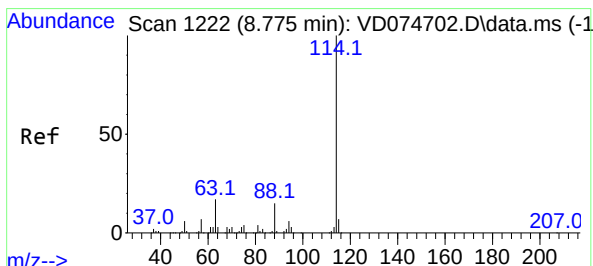
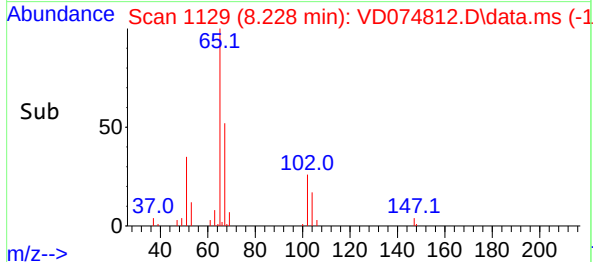
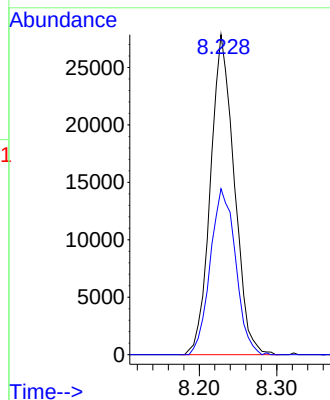
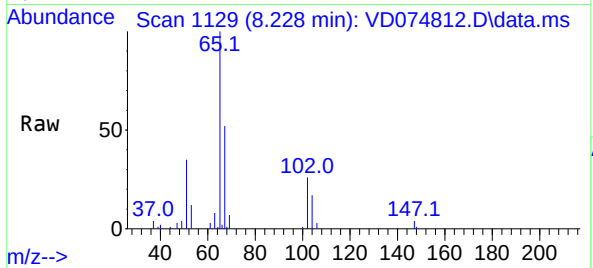
ClientSampleId :

Tgt Ion: 65 Resp: 59400

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074812.D

Acq: 08 Nov 2022 19:16

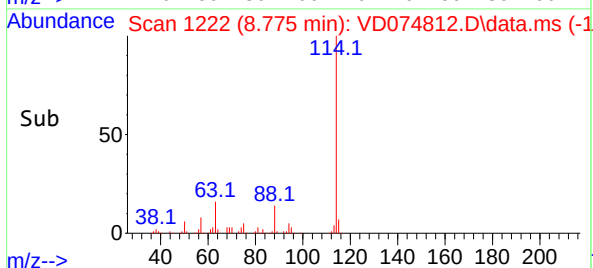
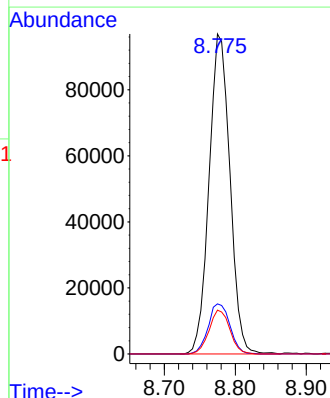
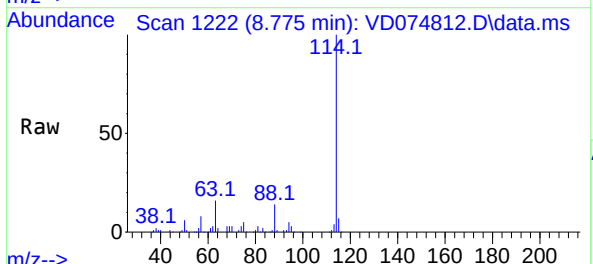
Tgt Ion: 114 Resp: 197662

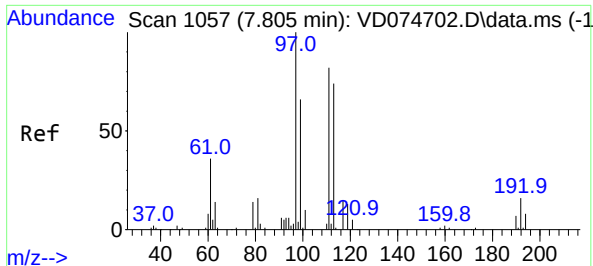
Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.2

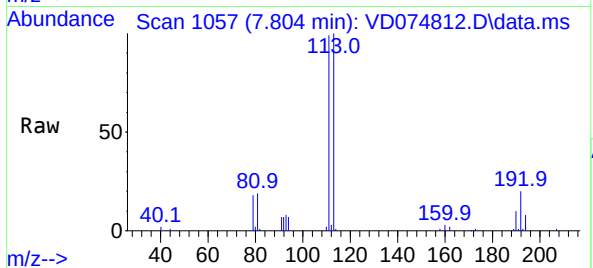
88 13.7 0.0 28.2



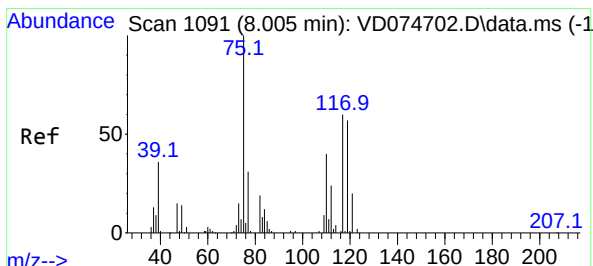
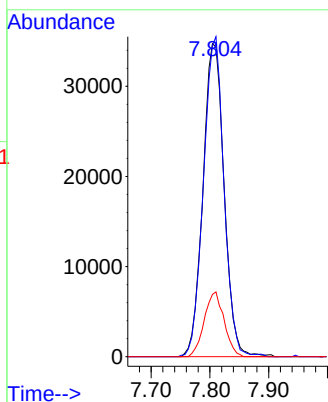
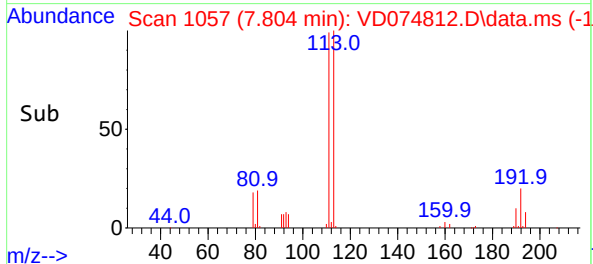


#35
Dibromofluoromethane
Concen: 74.325 ug/l
RT: 7.804 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

Instrument :
MSVOA_D
ClientSampleId :

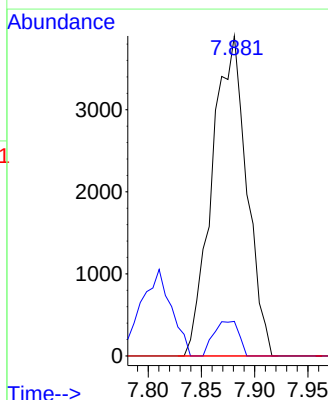
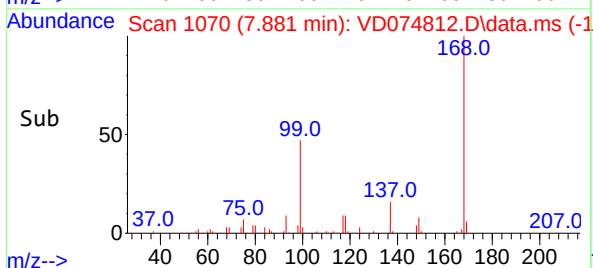
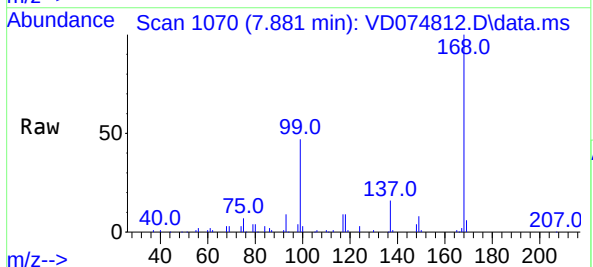


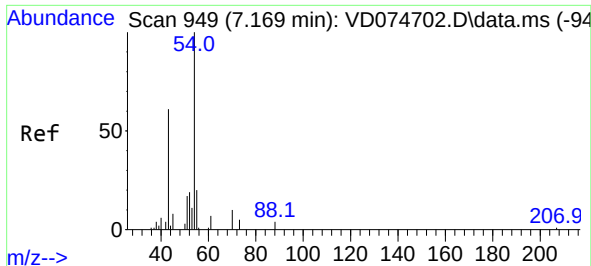
Tgt Ion:113 Resp: 86904
Ion Ratio Lower Upper
113 100
111 99.0 82.3 123.5
192 19.4 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.976 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.124 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

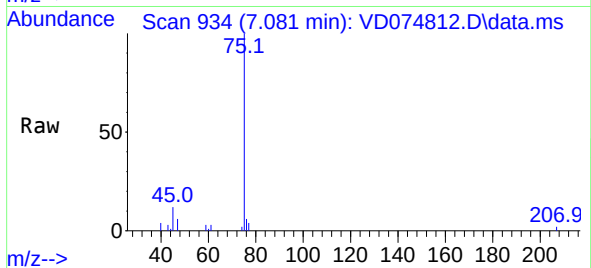
Tgt Ion: 75 Resp: 8831
Ion Ratio Lower Upper
75 100
110 7.9 19.7 59.0#
77 0.0 25.4 38.2#



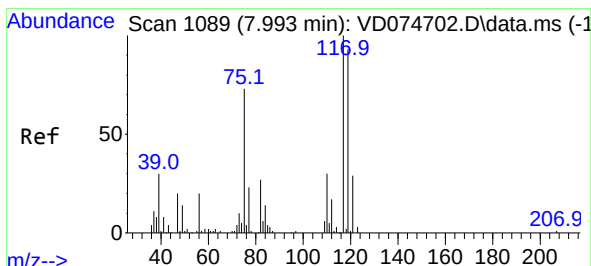
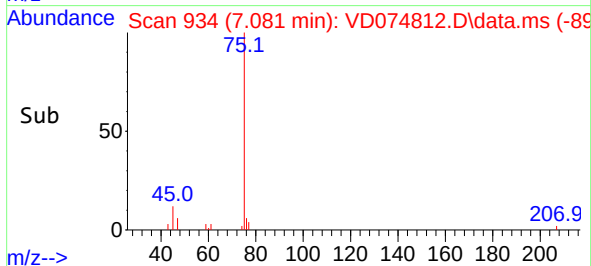
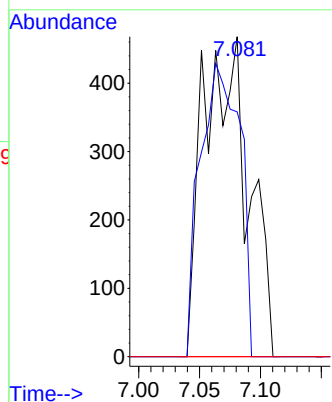


#37
Ethyl Acetate
Concen: 2.035 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.088 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

Instrument :
MSVOA_D
ClientSampleId :

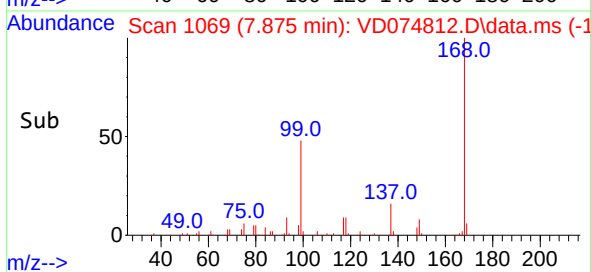
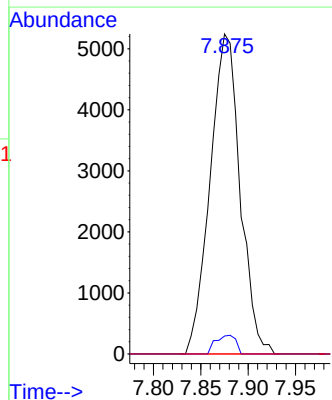
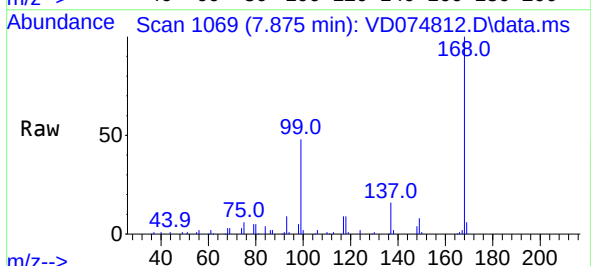


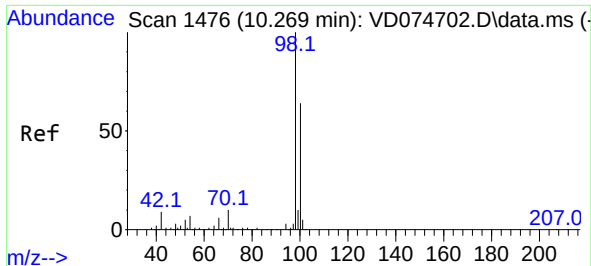
Tgt Ion: 43 Resp: 1205
Ion Ratio Lower Upper
43 100
61 80.8 12.2 18.4#
70 0.0 9.6 14.4#



#38
Carbon Tetrachloride
Concen: 6.885 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

Tgt Ion: 117 Resp: 11576
Ion Ratio Lower Upper
117 100
119 5.6 73.1 109.7#
121 0.0 25.0 37.6#

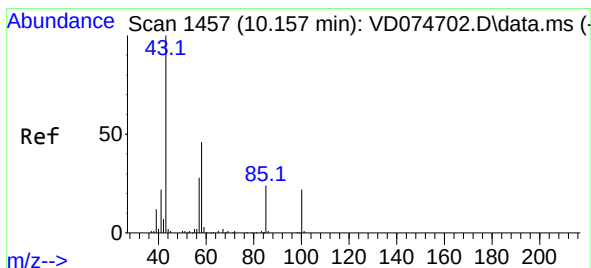
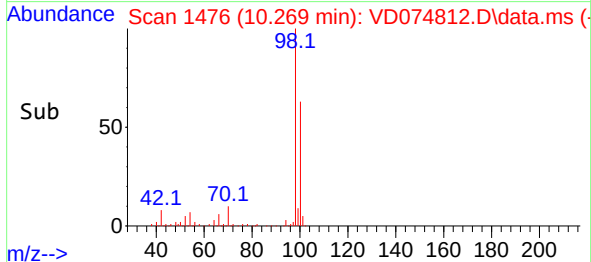
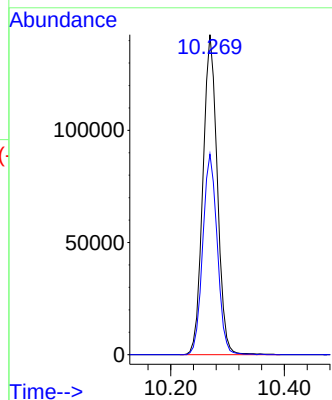
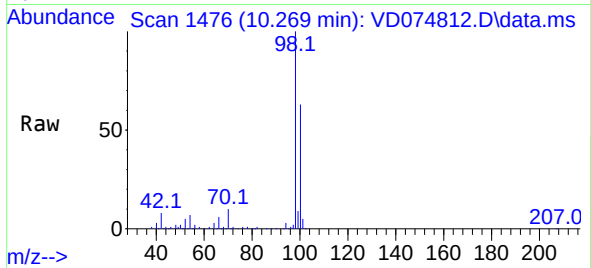




#50
Toluene-d8
Concen: 58.696 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

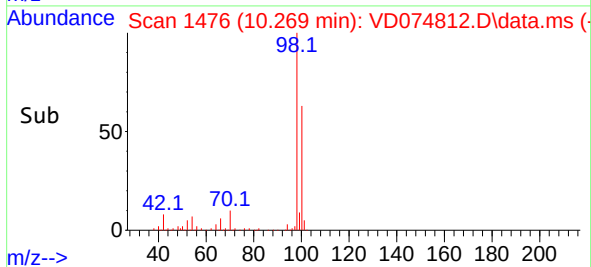
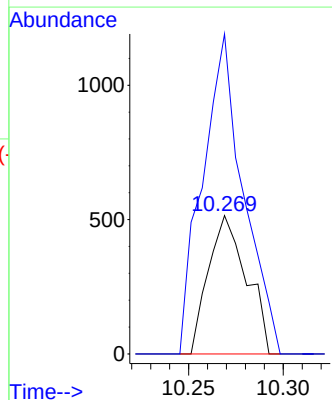
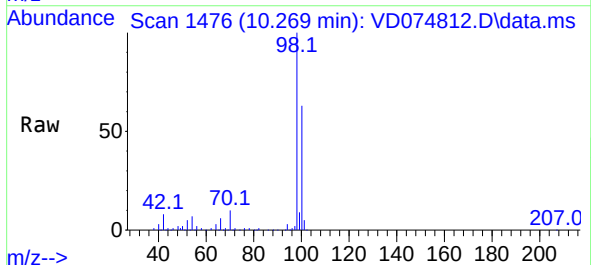
Instrument :
MSVOA_D
ClientSampleId :

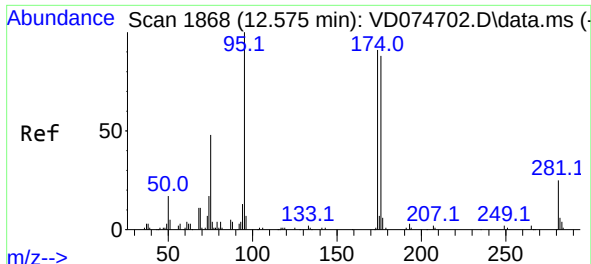
Tgt Ion: 98 Resp: 250342
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.353 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

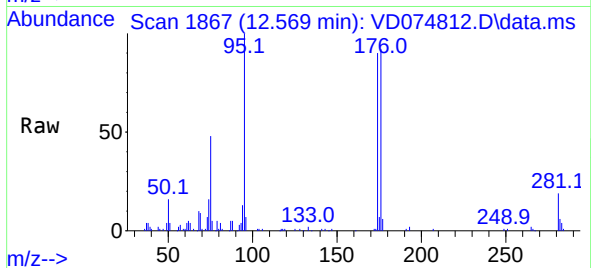
Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
58 247.2 37.8 56.6#



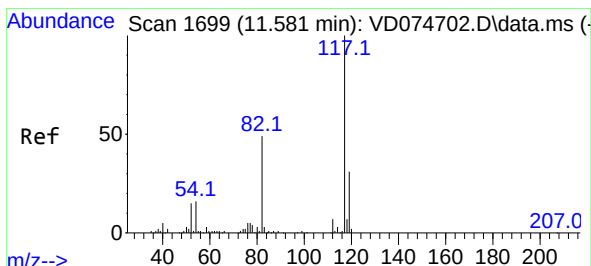
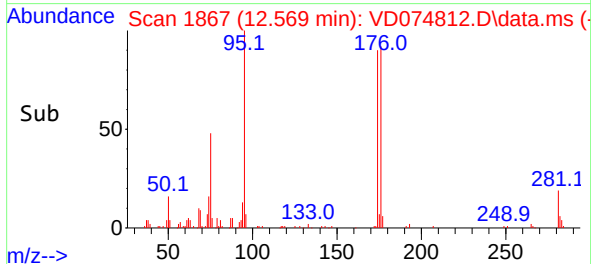
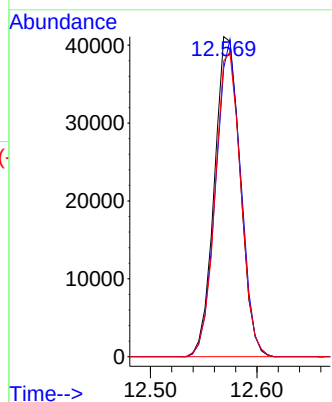


#62
4-Bromofluorobenzene
Concen: 56.117 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

Instrument :
MSVOA_D
ClientSampleId :

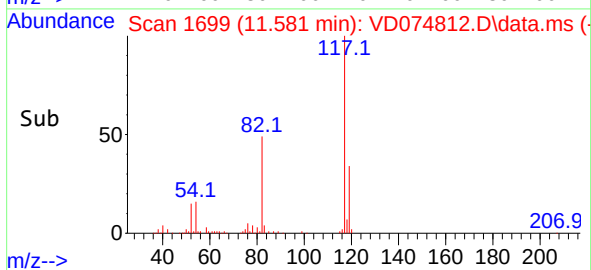
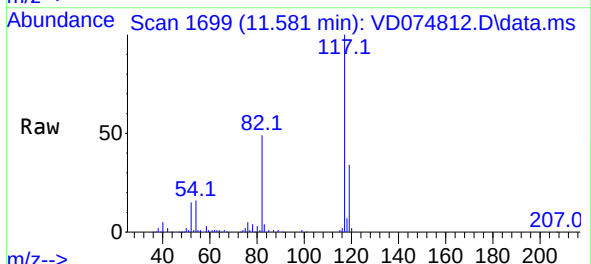
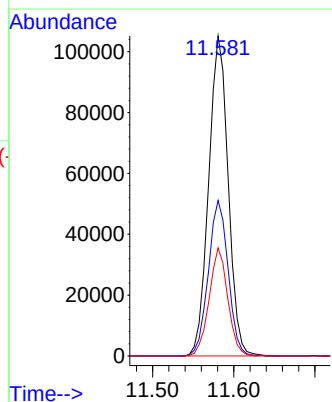


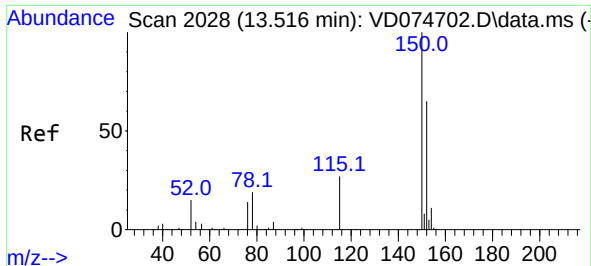
Tgt Ion: 95 Resp: 69106
Ion Ratio Lower Upper
95 100
174 95.7 0.0 197.0
176 94.3 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

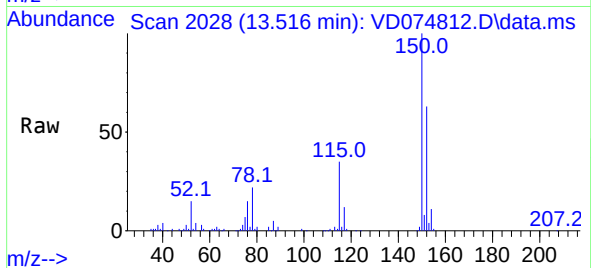
Tgt Ion: 117 Resp: 175525
Ion Ratio Lower Upper
117 100
82 48.6 41.6 62.4
119 33.8 25.2 37.8



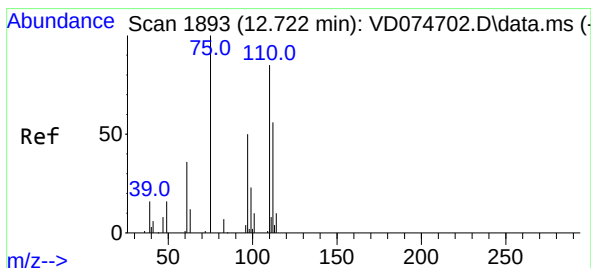
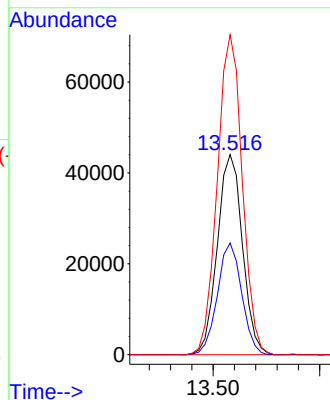
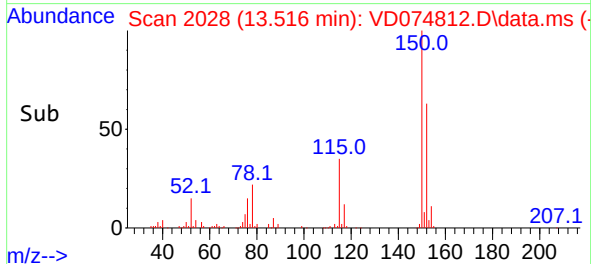


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

Instrument :
MSVOA_D
ClientSampleId :

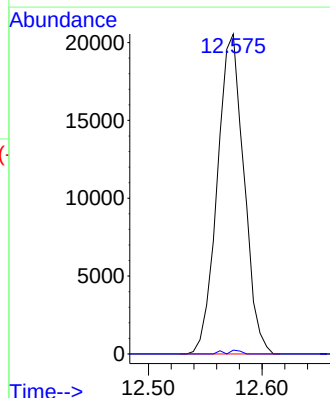
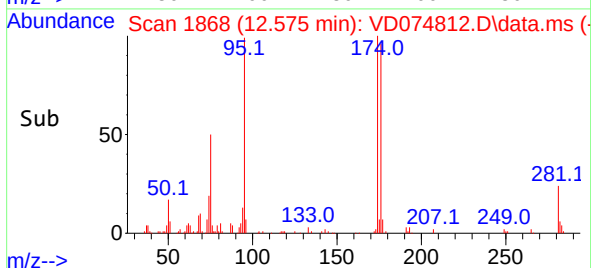
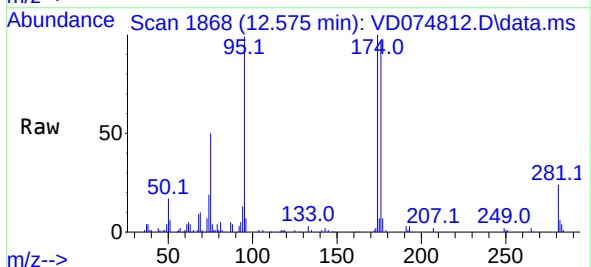


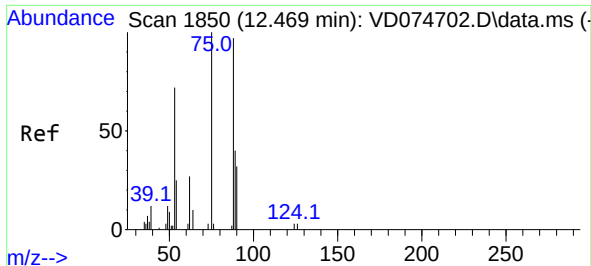
Tgt Ion:152 Resp: 72063
Ion Ratio Lower Upper
152 100
115 53.9 26.8 80.4
150 158.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 59.934 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

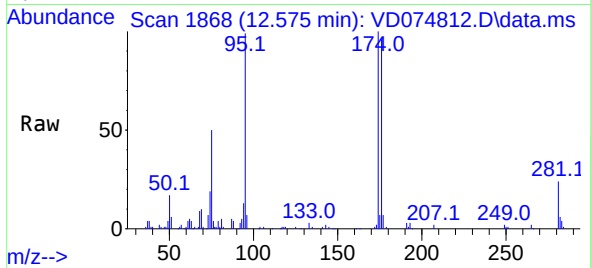
Tgt Ion: 75 Resp: 33481
Ion Ratio Lower Upper
75 100
77 0.7 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.267 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD074812.D
 Acq: 08 Nov 2022 19:16

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	33481
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

