

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074830.D
 Acq On : 09 Nov 2022 16:11
 Operator : VA/SY
 Sample : N5520-05
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124042

Quant Time: Nov 10 00:36:42 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)

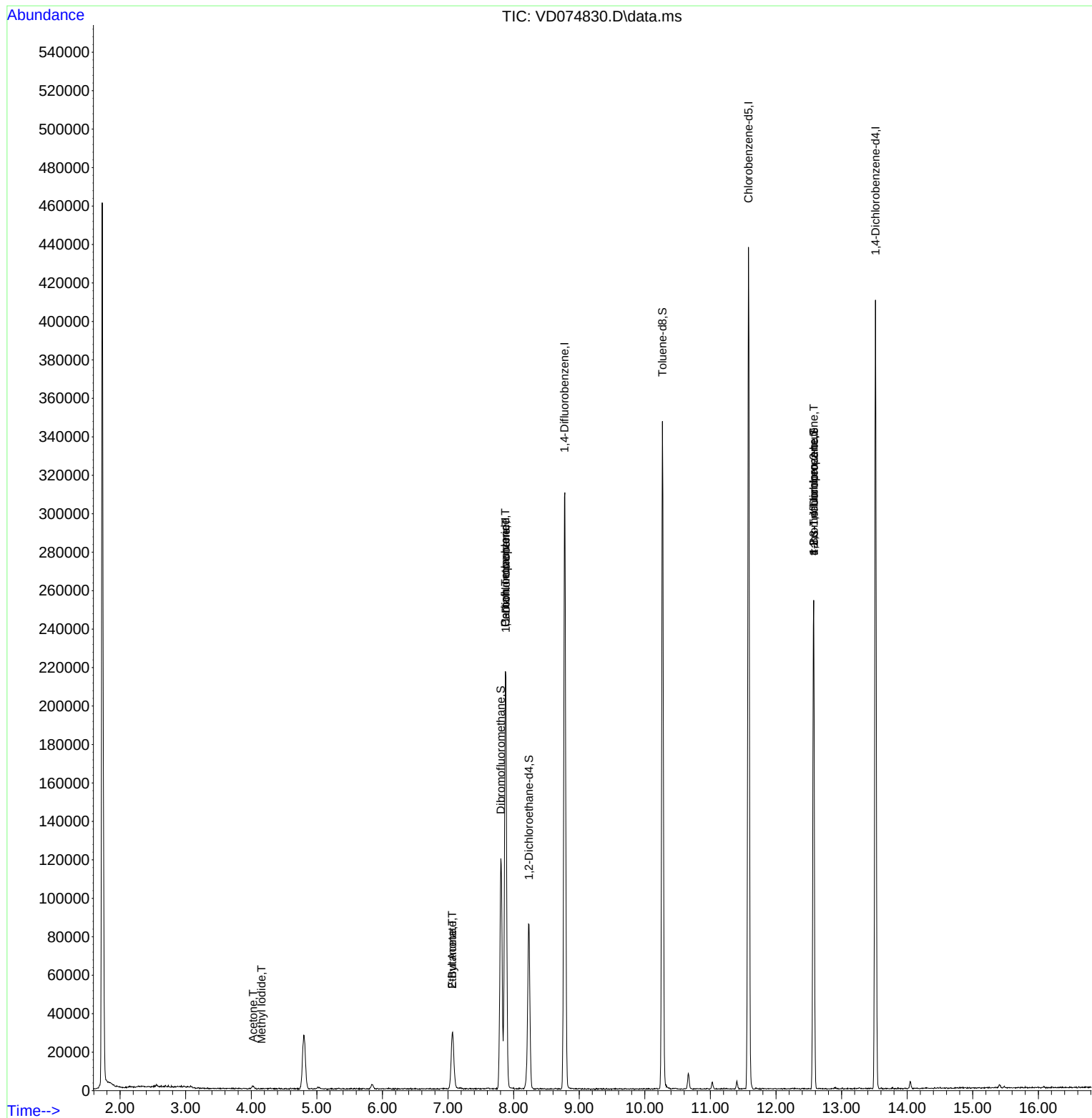
Internal Standards						
1) Pentafluorobenzene	7.875	168	180317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	300415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68048	47.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.300%
35) Dibromofluoromethane	7.805	113	90517	50.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.880%
50) Toluene-d8	10.269	98	250164	38.592	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.180%
62) 4-Bromofluorobenzene	12.575	95	77649	41.487	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.980%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.158	142	193	5.626	ug/l #	43
11) Tert butyl alcohol	5.034	59	267	Below Cal	#	84
16) Acetone	4.028	43	2387	8.009	ug/l	96
20) Methylene Chloride	4.799	84	25057	Below Cal		95
25) 2-Butanone	7.064	43	1391	3.395	ug/l #	42
36) 1,1-Dichloropropene	7.881	75	12507	4.637	ug/l #	48
37) Ethyl Acetate	7.064	43	1391	1.546	ug/l #	1
38) Carbon Tetrachloride	7.875	117	17235	6.744	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	40323	45.796	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	40323	108.707	ug/l #	17

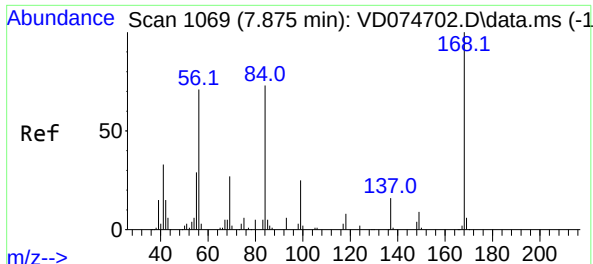
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD074830.D
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Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

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Quant Time: Nov 10 00:36:42 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

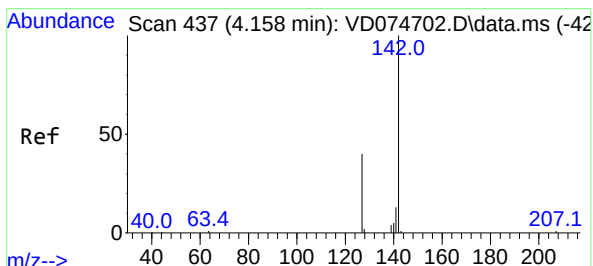
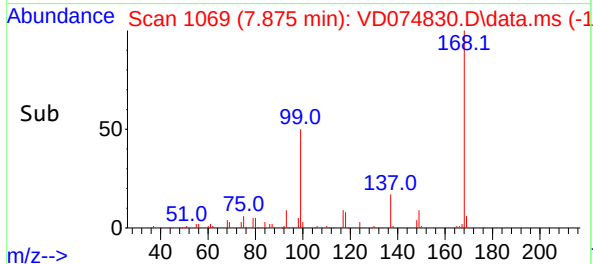
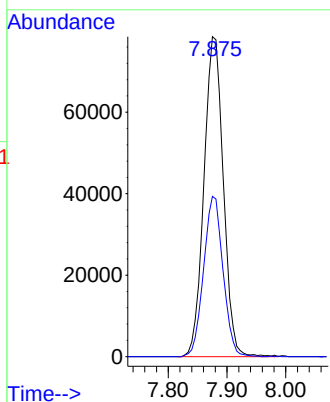
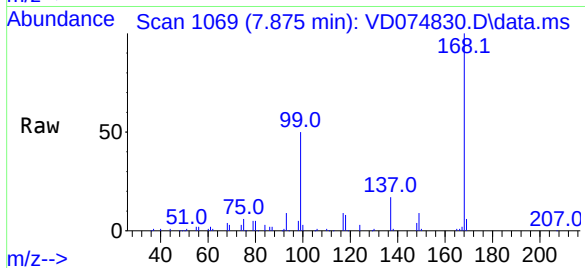




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

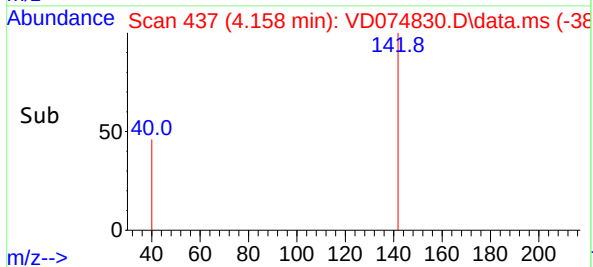
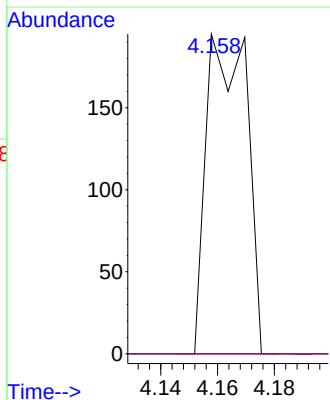
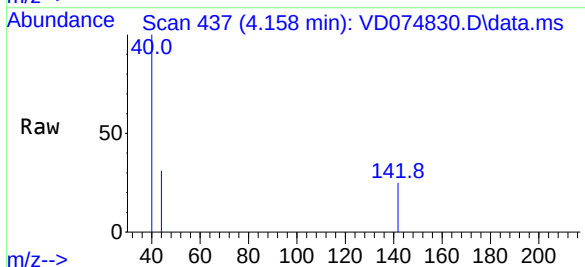
Instrument :
MSVOA_D
ClientSampleId :
124042

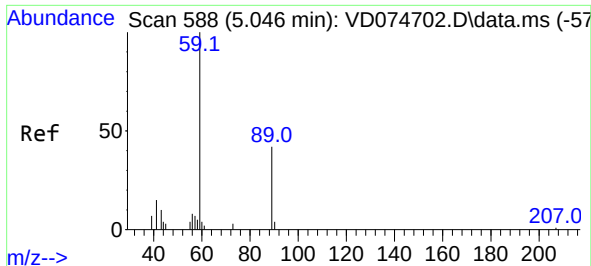
Tgt Ion:168 Resp: 180317
Ion Ratio Lower Upper
168 100
99 50.1 40.9 61.3



#10
Methyl Iodide
Concen: 5.626 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

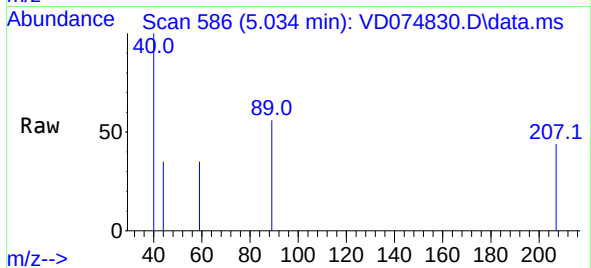
Tgt Ion:142 Resp: 193
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



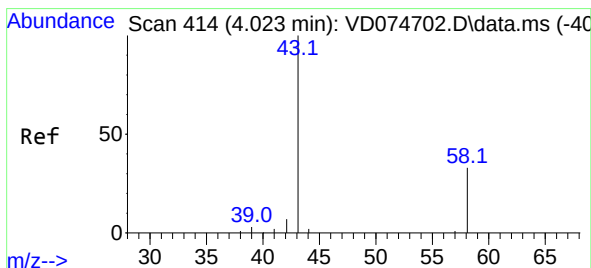
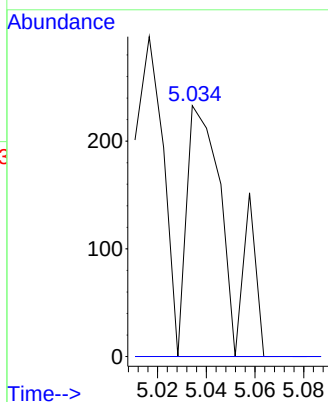
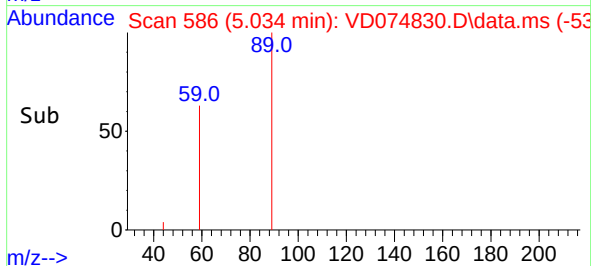


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.034 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

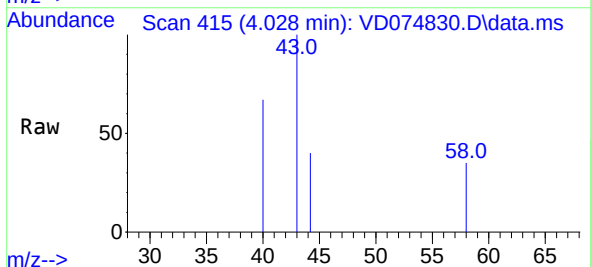
Instrument :
MSVOA_D
ClientSampleId :
124042



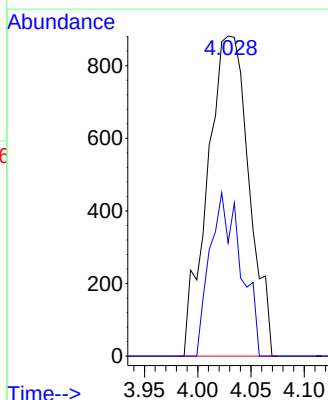
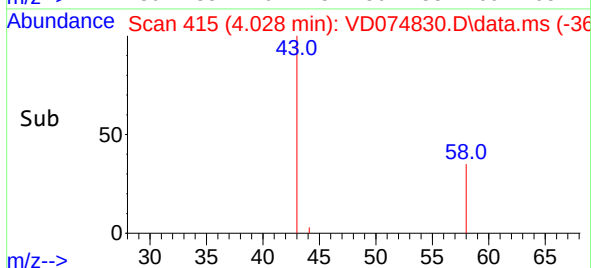
Tgt Ion: 59 Resp: 267
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

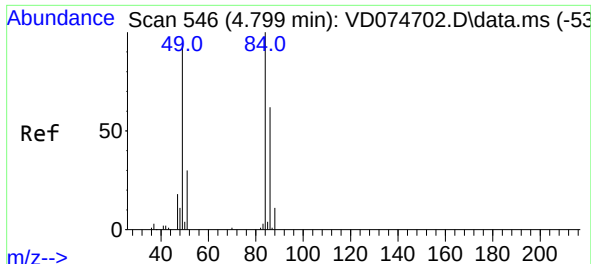


#16
Acetone
Concen: 8.009 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11



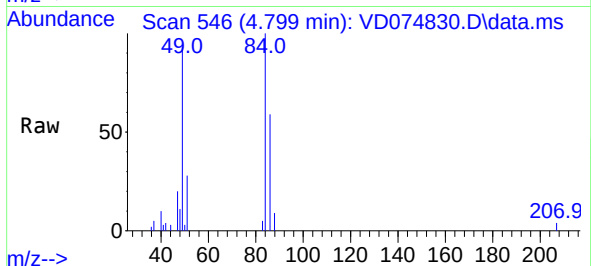
Tgt Ion: 43 Resp: 2387
Ion Ratio Lower Upper
43 100
58 35.4 30.2 45.2





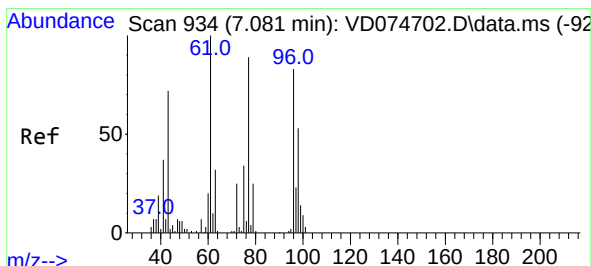
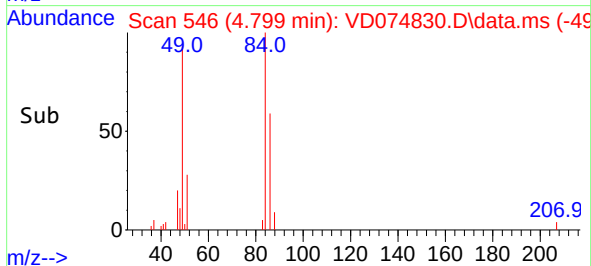
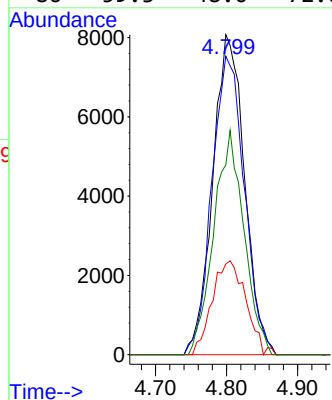
#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :
124042



Tgt Ion: 84 Resp: 25057

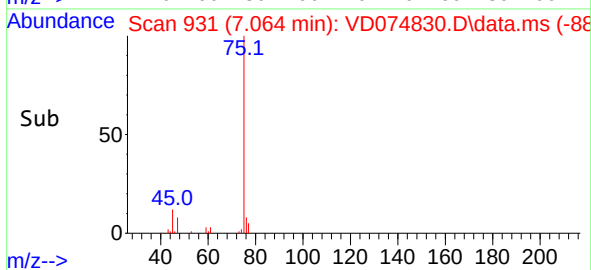
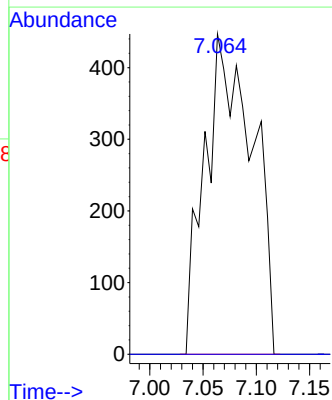
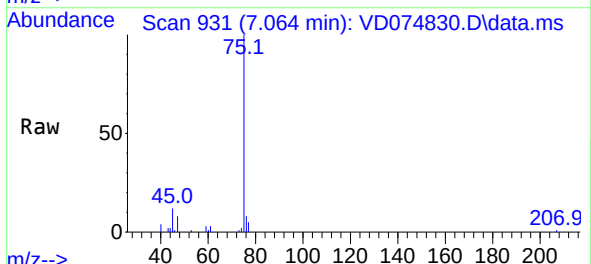
Ion	Ratio	Lower	Upper
84	100		
49	93.3	68.0	102.0
51	28.3	23.2	34.8
86	59.3	48.0	72.0

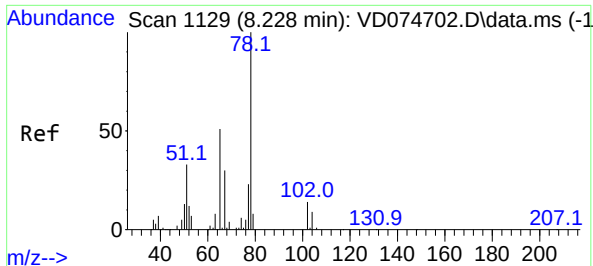


#25
2-Butanone
Concen: 3.395 ug/l
RT: 7.064 min Scan# 931
Delta R.T. -0.017 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

Tgt Ion: 43 Resp: 1391

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8





#33

1,2-Dichloroethane-d4

Concen: 47.648 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074830.D

Acq: 09 Nov 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

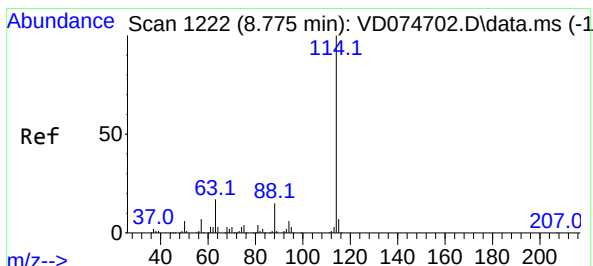
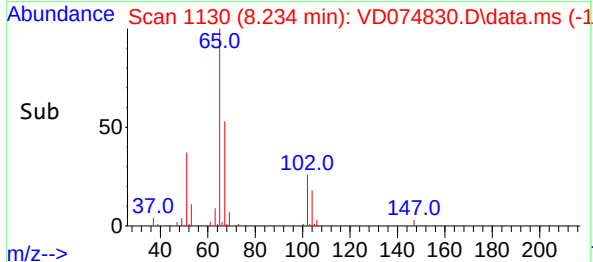
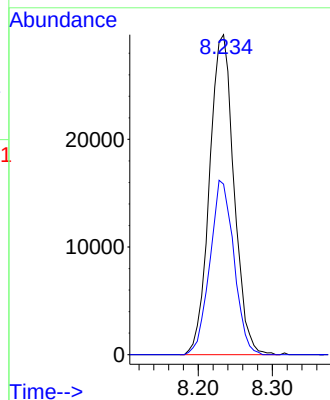
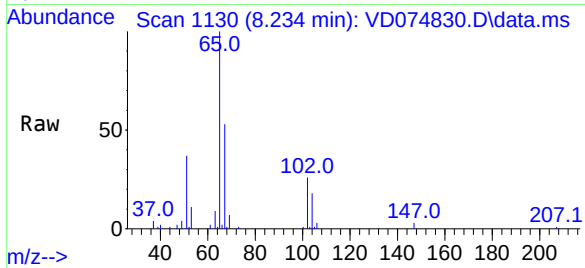
124042

Tgt Ion: 65 Resp: 68048

Ion Ratio Lower Upper

65 100

67 53.5 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: VD074830.D

Acq: 09 Nov 2022 16:11

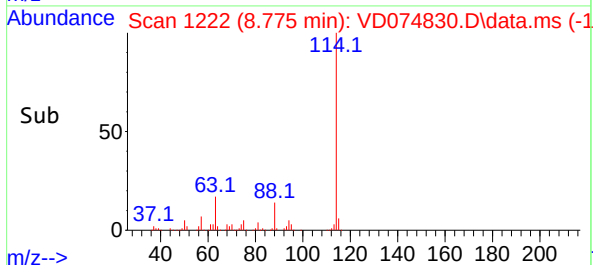
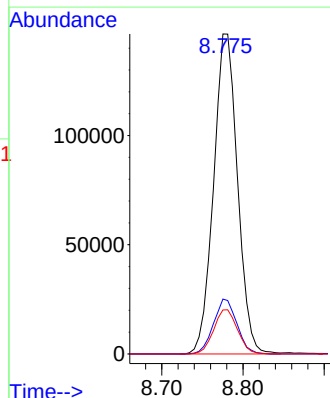
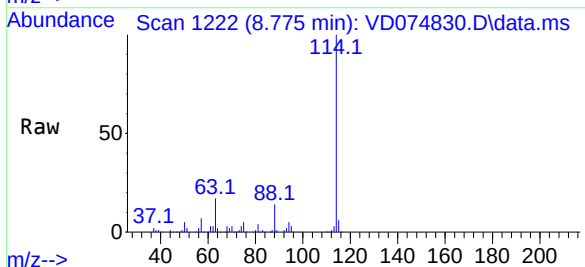
Tgt Ion: 114 Resp: 300415

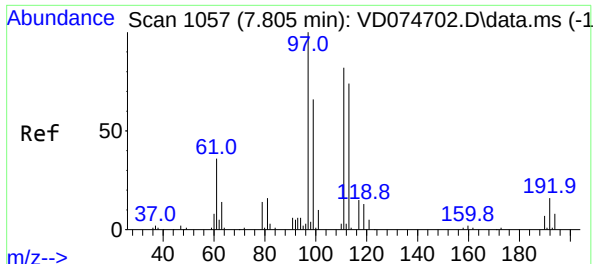
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.2

88 13.8 0.0 28.2

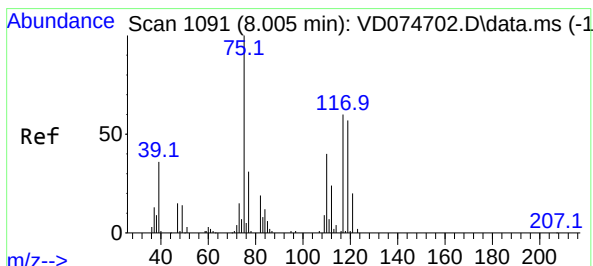
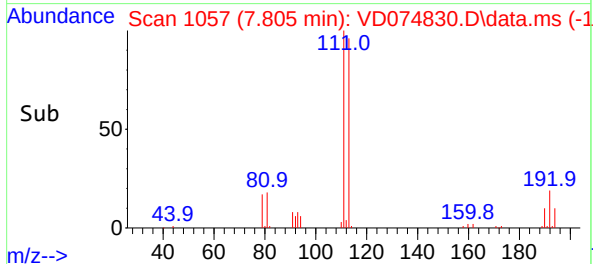
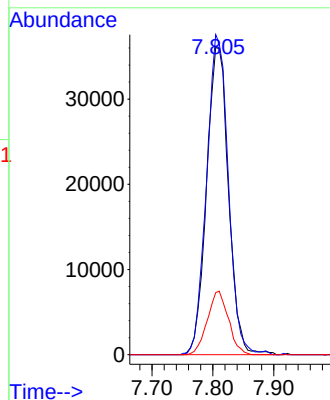
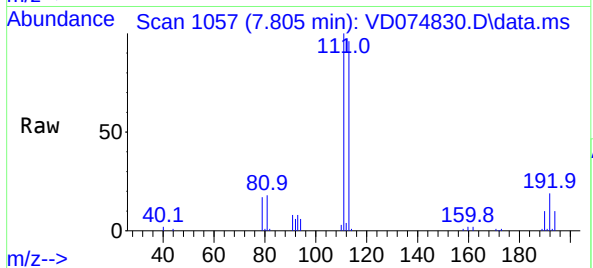




#35
Dibromofluoromethane
Concen: 50.936 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

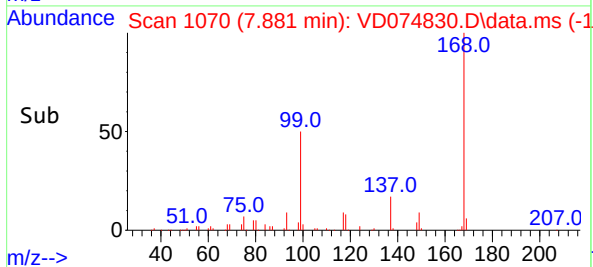
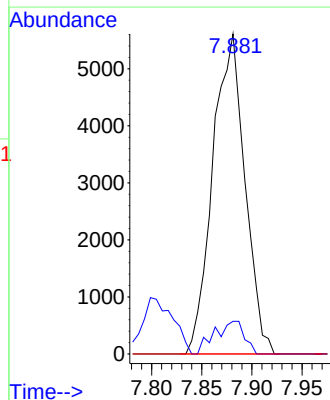
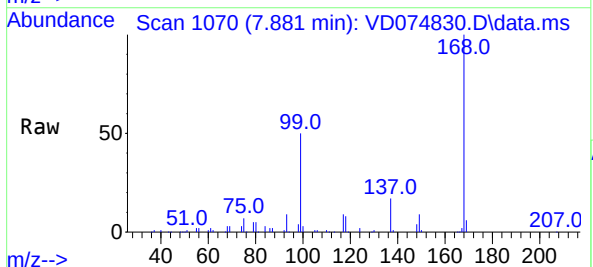
Instrument :
MSVOA_D
ClientSampleId :
124042

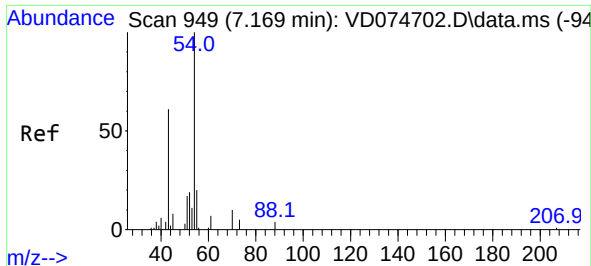
Tgt Ion:	113	Resp:	90517
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	19.8	16.4	24.6



#36
1,1-Dichloropropene
Concen: 4.637 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.124 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

Tgt Ion:	75	Resp:	12507
Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.7	59.0#
77	0.0	25.4	38.2#

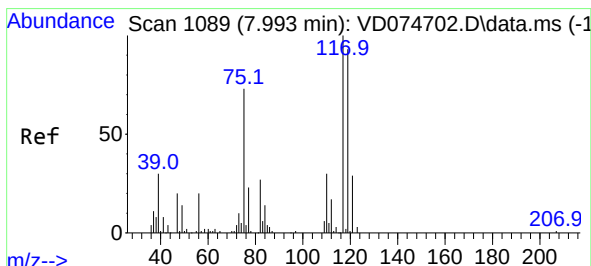
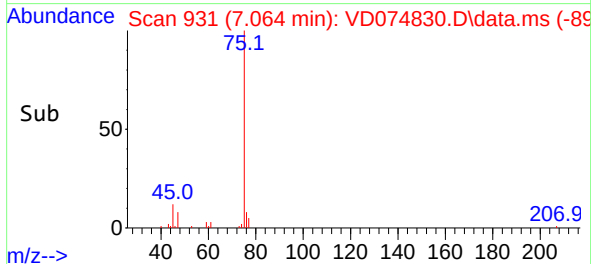
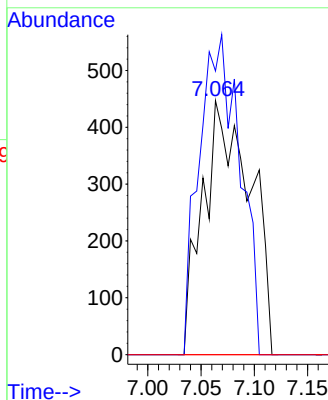
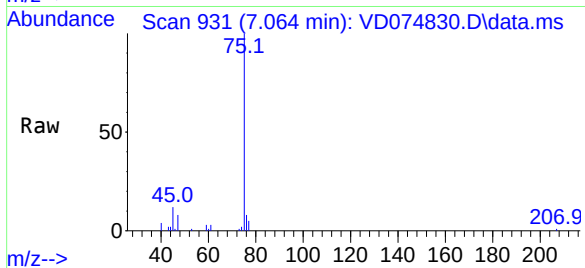




#37
Ethyl Acetate
Concen: 1.546 ug/l
RT: 7.064 min Scan# 91
Delta R.T. -0.105 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

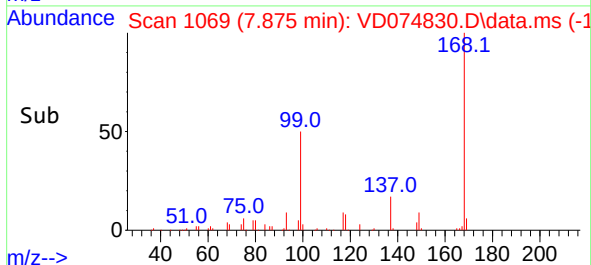
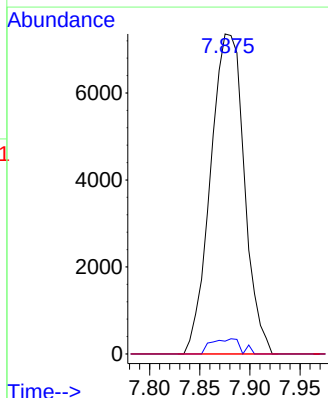
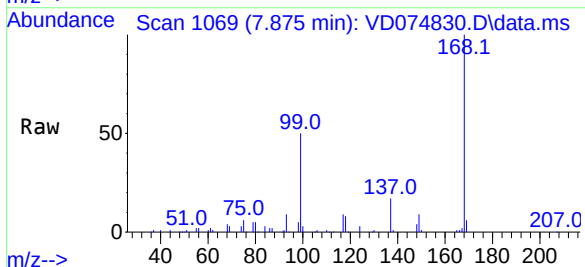
Instrument :
MSVOA_D
ClientSampleId :
124042

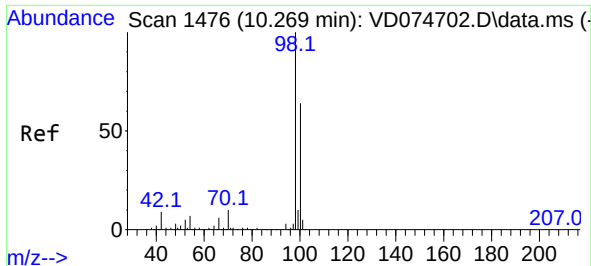
Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
61 108.1 12.2 18.4#
70 0.0 9.6 14.4#



#38
Carbon Tetrachloride
Concen: 6.744 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

Tgt Ion: 117 Resp: 17235
Ion Ratio Lower Upper
117 100
119 4.0 73.1 109.7#
121 0.0 25.0 37.6#

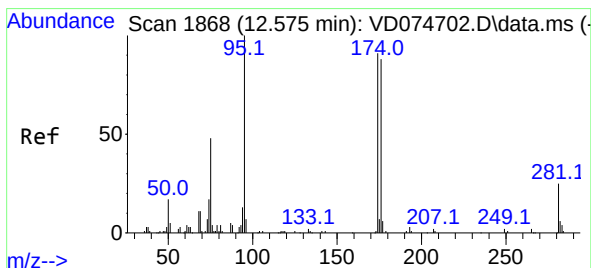
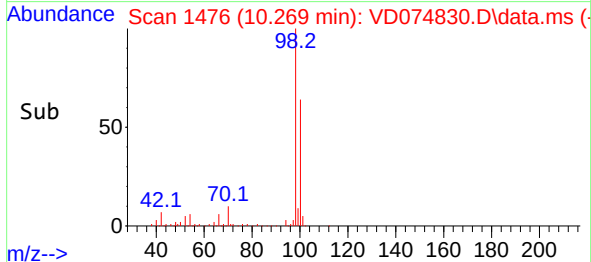
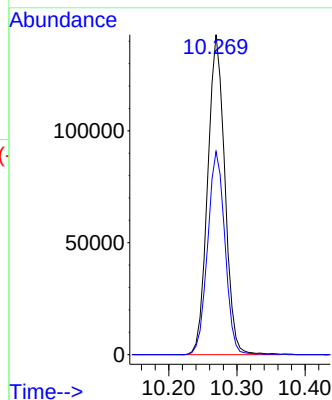
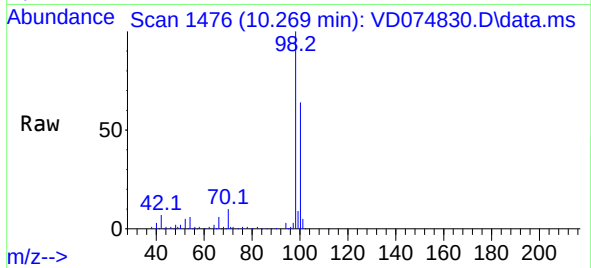




#50
Toluene-d8
Concen: 38.592 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

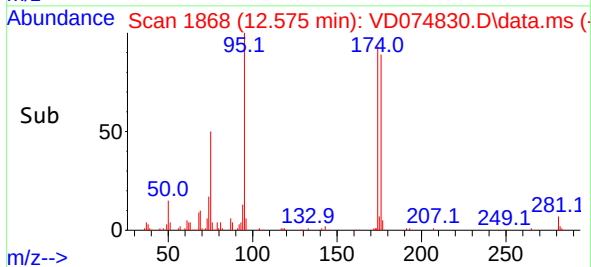
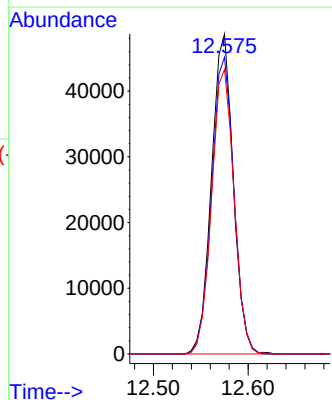
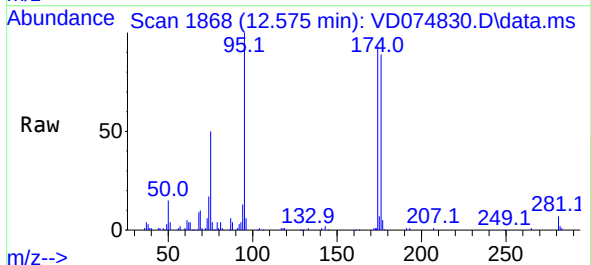
Instrument :
MSVOA_D
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124042

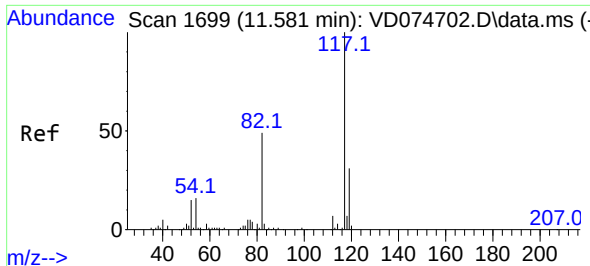
Tgt Ion: 98 Resp: 250164
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.487 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

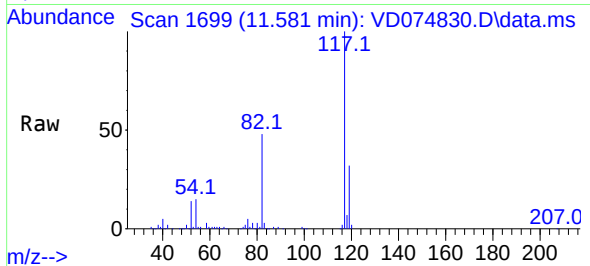
Tgt Ion: 95 Resp: 77649
Ion Ratio Lower Upper
95 100
174 95.2 0.0 197.0
176 91.4 0.0 182.6



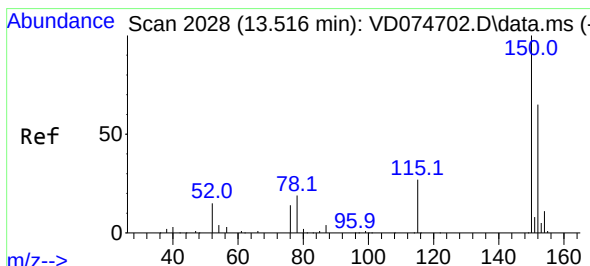
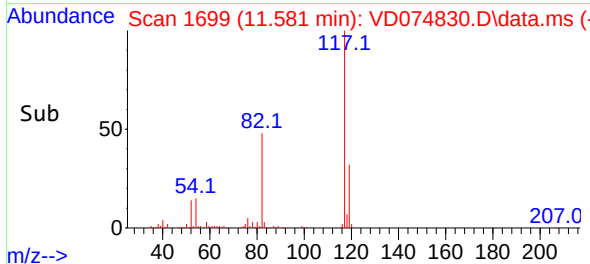
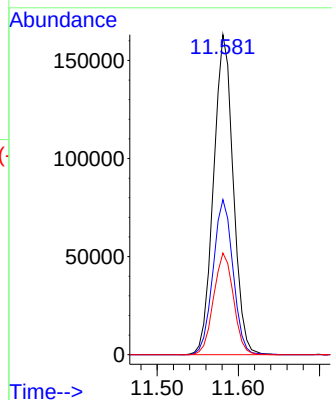


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :
124042

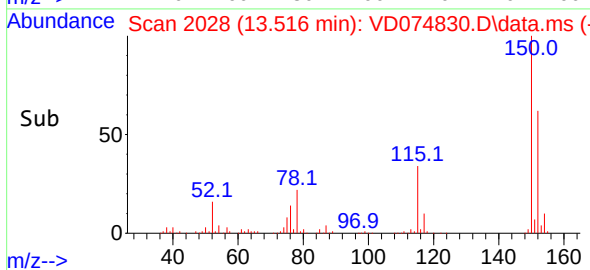
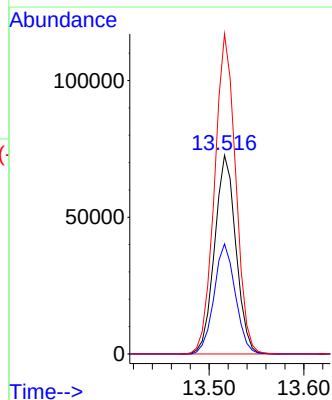
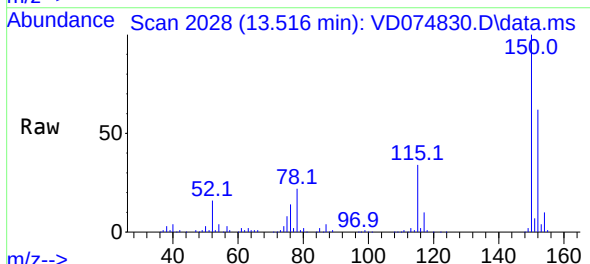


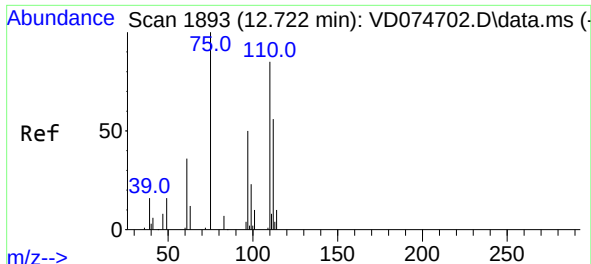
Tgt Ion:117 Resp: 274823
Ion Ratio Lower Upper
117 100
82 48.5 41.6 62.4
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

Tgt Ion:152 Resp: 113583
Ion Ratio Lower Upper
152 100
115 55.5 26.8 80.4
150 159.8 0.0 348.2

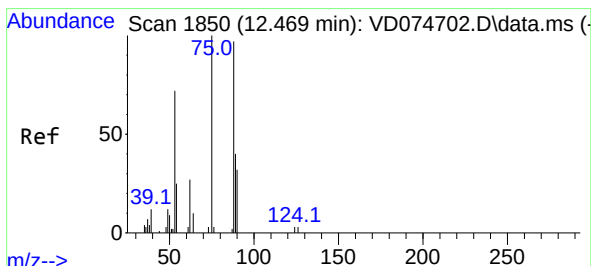
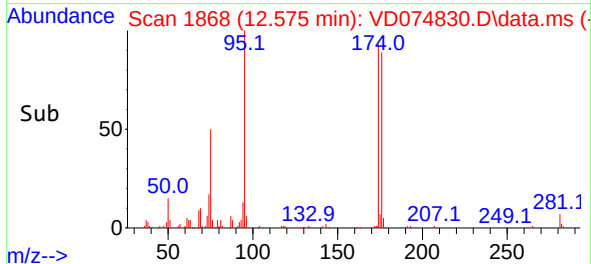
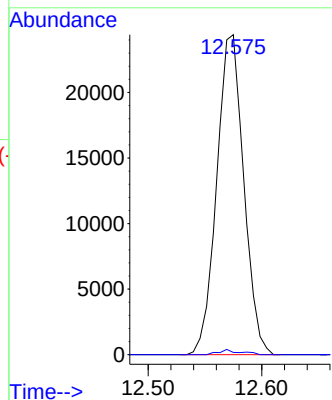
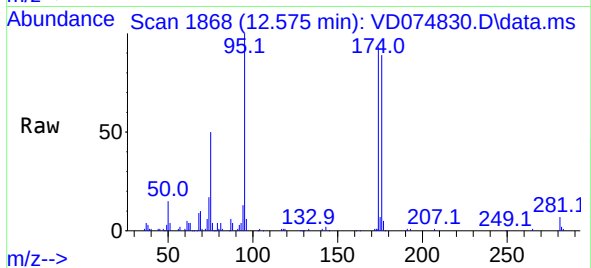




#76
1,2,3-Trichloropropane
Concen: 45.796 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :
124042

Tgt Ion: 75 Resp: 40323
Ion Ratio Lower Upper
75 100
77 1.2 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.707 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074830.D
Acq: 09 Nov 2022 16:11

Tgt Ion: 75 Resp: 40323
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

