

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074828.D
 Acq On : 09 Nov 2022 15:16
 Operator : VA/SY
 Sample : N5520-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124035

Quant Time: Nov 10 00:36:23 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)

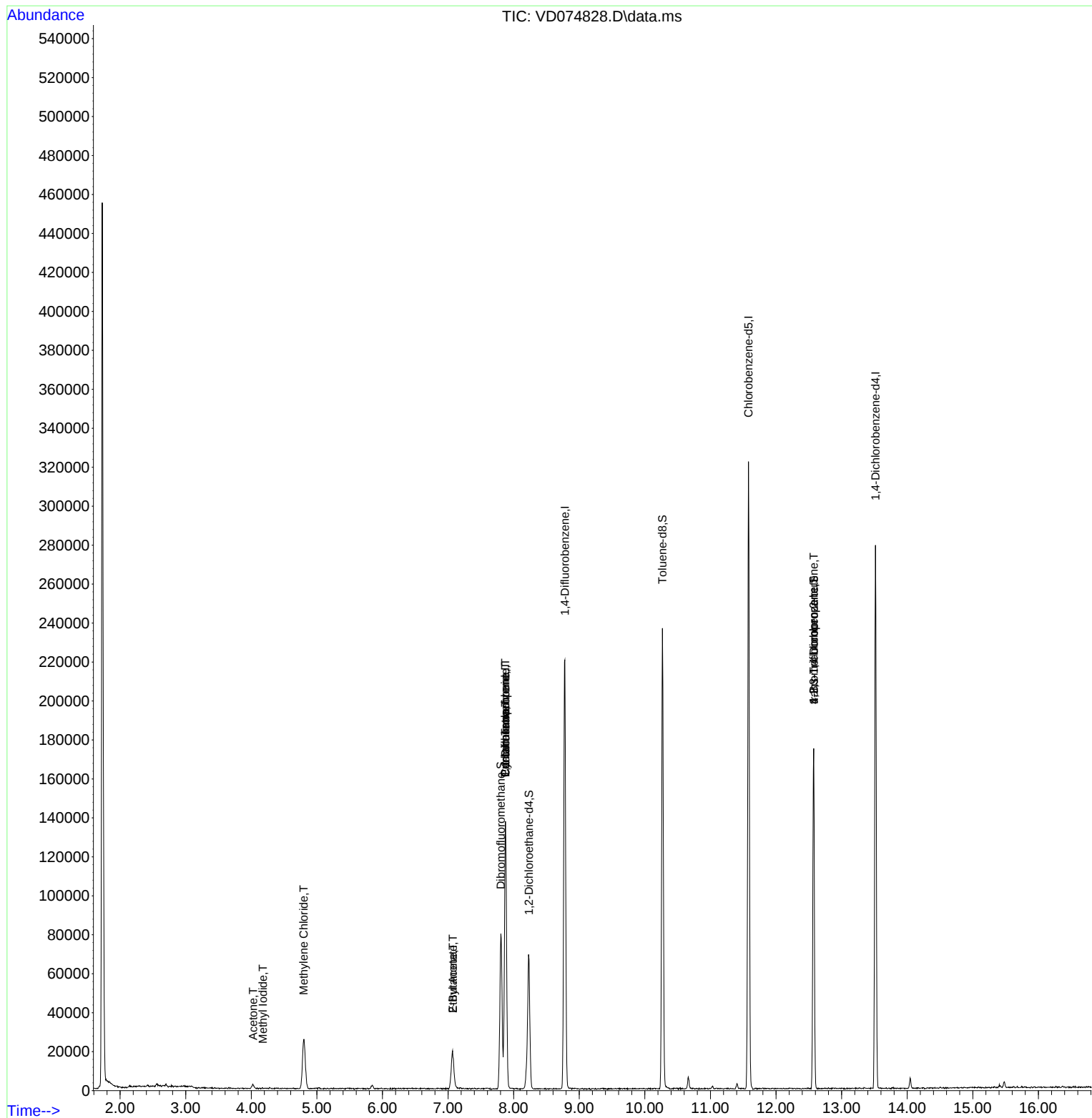
Internal Standards						
1) Pentafluorobenzene	7.875	168	113076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	215109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50497	56.384	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.760%			
35) Dibromofluoromethane	7.804	113	60428	47.489	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.980%			
50) Toluene-d8	10.269	98	169427	36.502	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 73.000%			
62) 4-Bromofluorobenzene	12.575	95	53768	40.120	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.240%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.175	142	284	5.719	ug/l #	43
11) Tert butyl alcohol	5.051	59	82	Below Cal	#	84
16) Acetone	4.028	43	3344	17.893	ug/l	92
20) Methylene Chloride	4.799	84	22798	4.095	ug/l	96
25) 2-Butanone	7.075	43	710	2.763	ug/l #	42
31) Cyclohexane	7.875	56	1984	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	7949	4.116	ug/l #	45
37) Ethyl Acetate	7.075	43	710	1.102	ug/l #	1
38) Carbon Tetrachloride	7.875	117	11302	6.176	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	26216	41.811	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	26216	99.249	ug/l #	17

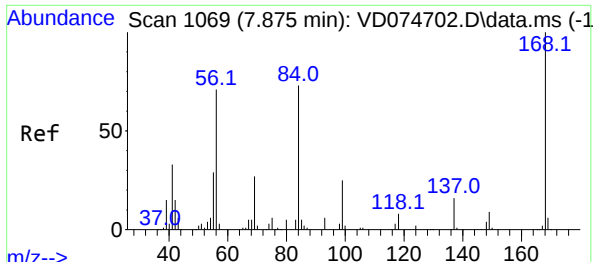
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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124035

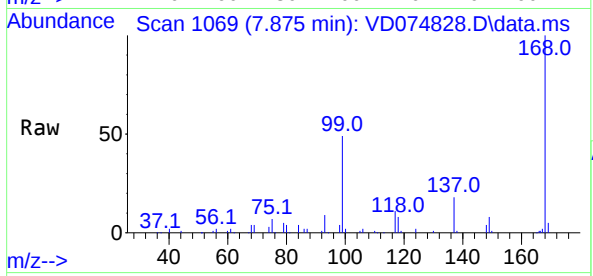
Quant Time: Nov 10 00:36:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
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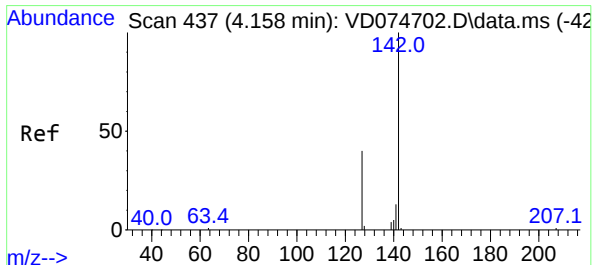
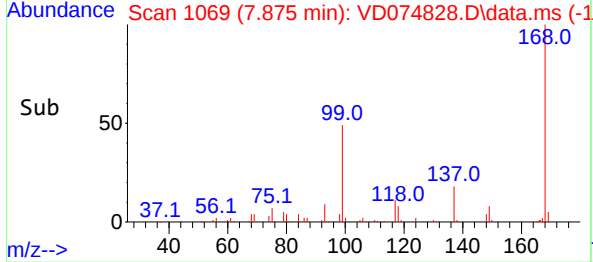
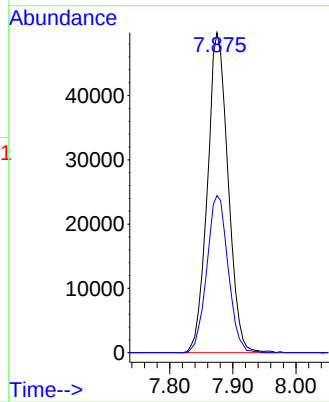


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :
124035

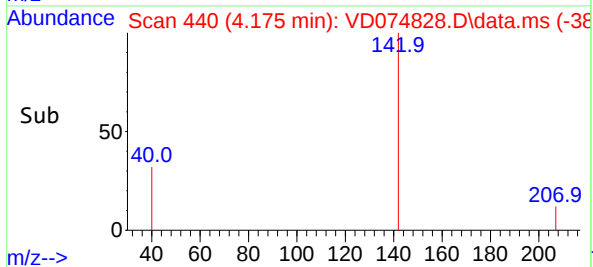
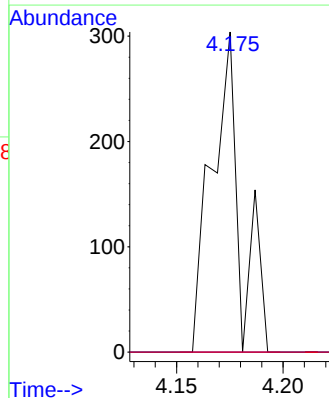
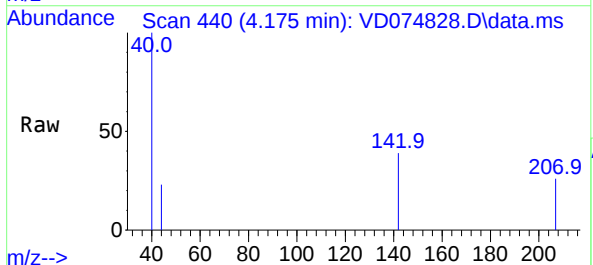


Tgt Ion:168 Resp: 113076
Ion Ratio Lower Upper
168 100
99 49.1 40.9 61.3



#10
Methyl Iodide
Concen: 5.719 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.017 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

Tgt Ion:142 Resp: 284
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: 5.051 min Scan# 51

Delta R.T. 0.005 min

Lab File: VD074828.D

Acq: 09 Nov 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

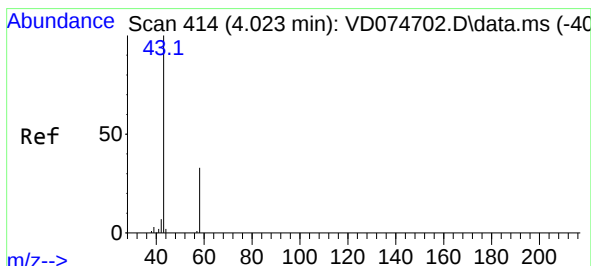
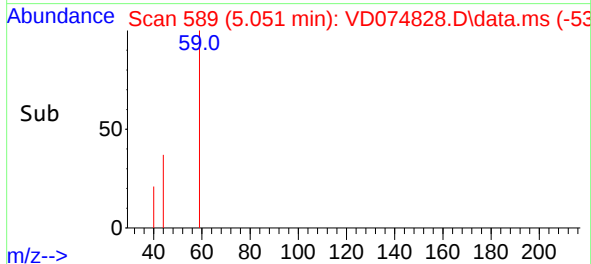
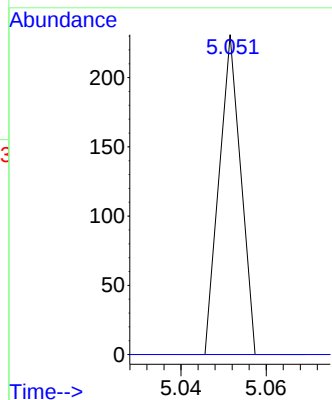
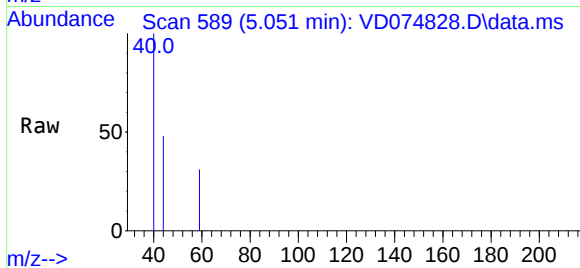
124035

Tgt Ion: 59 Resp: 82

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 17.893 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074828.D

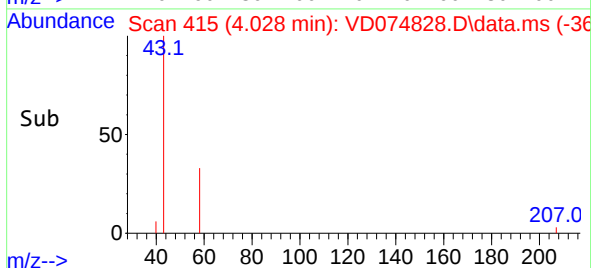
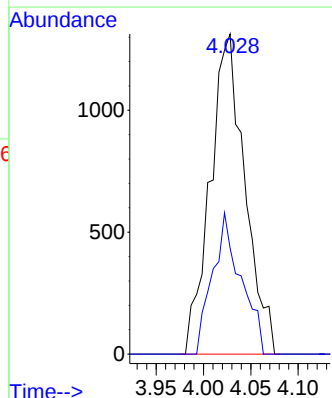
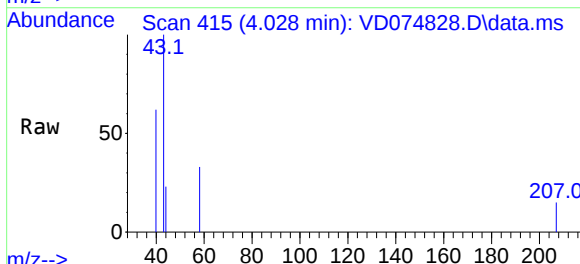
Acq: 09 Nov 2022 15:16

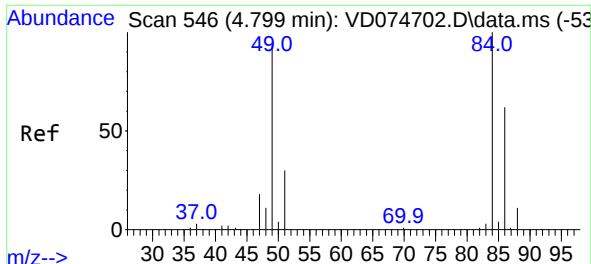
Tgt Ion: 43 Resp: 3344

Ion Ratio Lower Upper

43 100

58 33.1 30.2 45.2



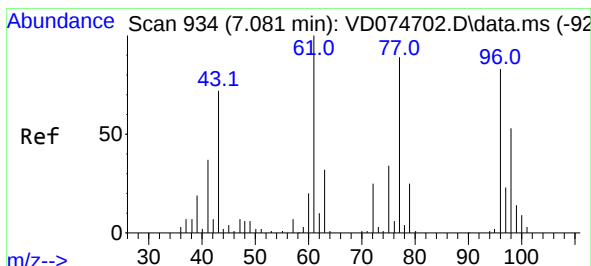
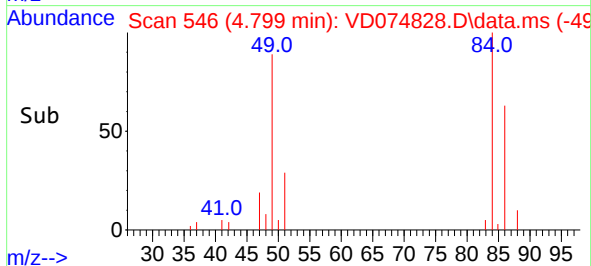
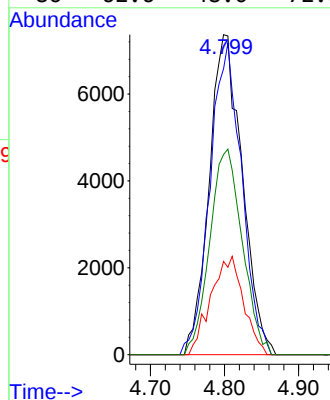
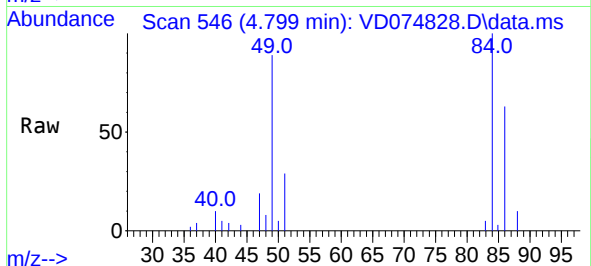


#20
Methylene Chloride
Concen: 4.095 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :
124035

Tgt Ion: 84 Resp: 22798

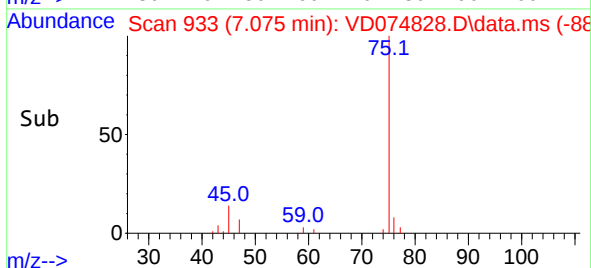
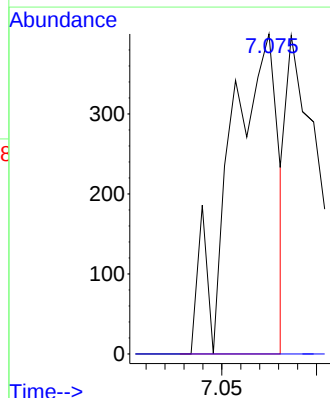
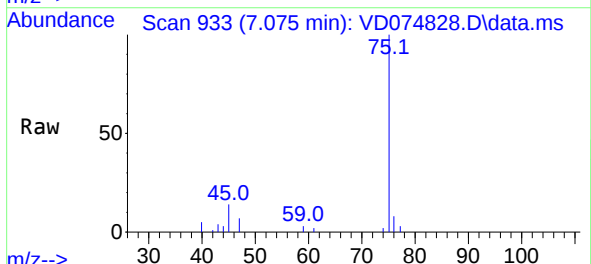
Ion	Ratio	Lower	Upper
84	100		
49	89.3	68.0	102.0
51	29.2	23.2	34.8
86	62.6	48.0	72.0

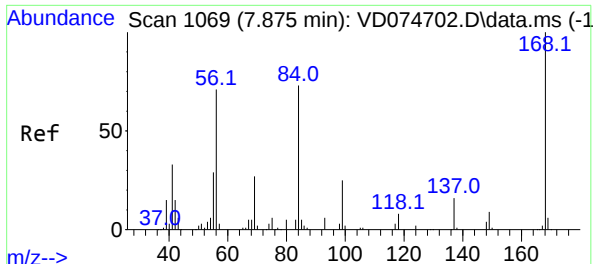


#25
2-Butanone
Concen: 2.763 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

Tgt Ion: 43 Resp: 710

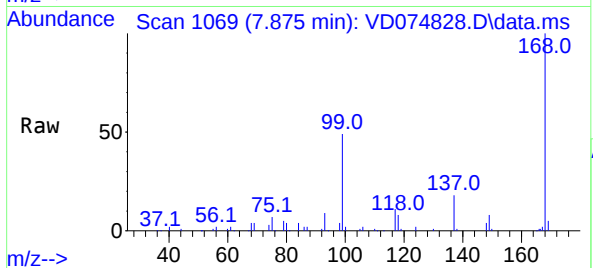
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#



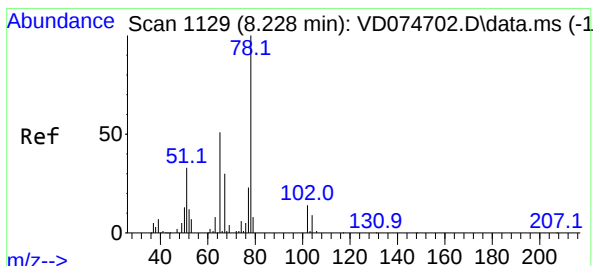
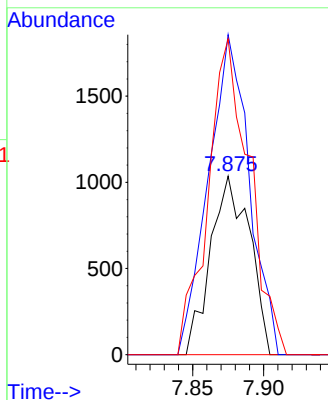
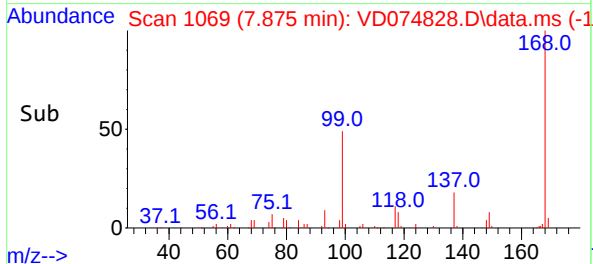


#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

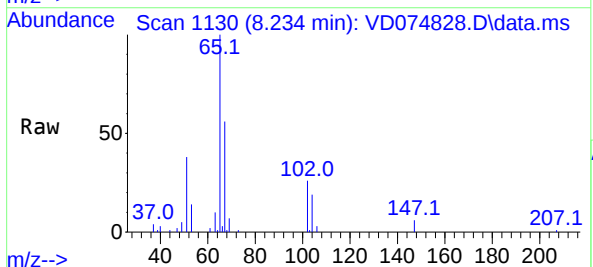
Instrument :
MSVOA_D
ClientSampleId :
124035



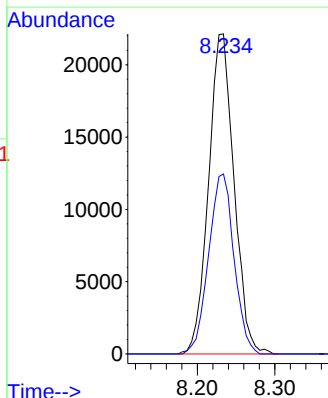
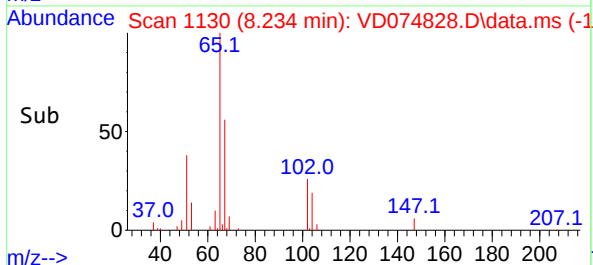
Tgt Ion: 56 Resp: 1984
Ion Ratio Lower Upper
56 100
69 179.2 29.2 43.8#
84 176.9 83.4 125.2#

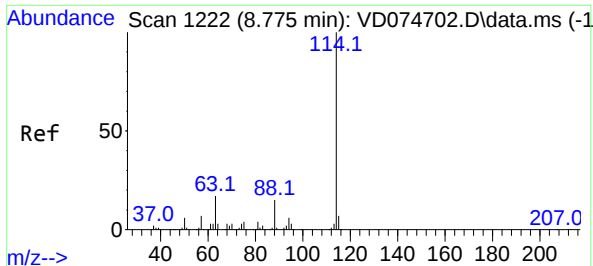


#33
1,2-Dichloroethane-d4
Concen: 56.384 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16



Tgt Ion: 65 Resp: 50497
Ion Ratio Lower Upper
65 100
67 56.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074828.D

Acq: 09 Nov 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

124035

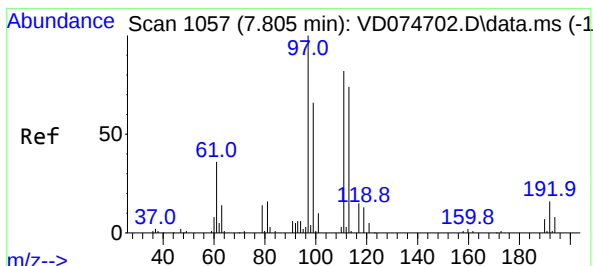
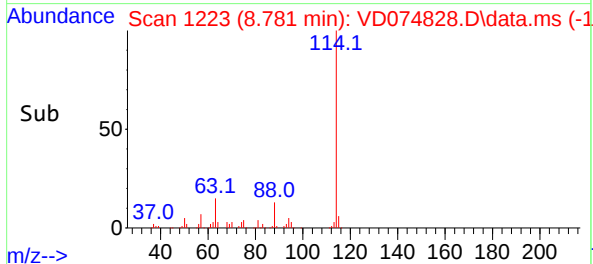
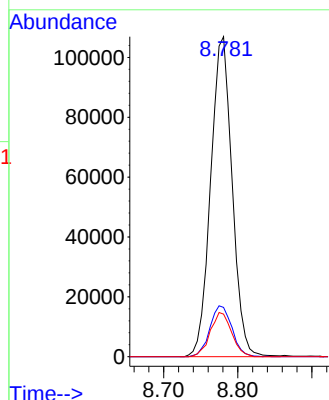
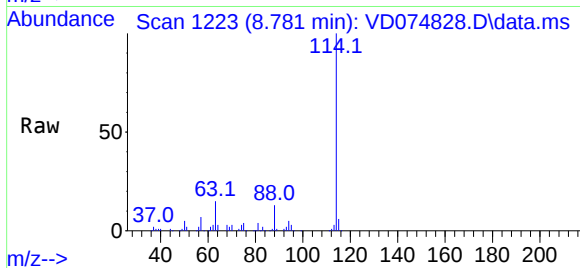
Tgt Ion:114 Resp: 215109

Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 47.489 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074828.D

Acq: 09 Nov 2022 15:16

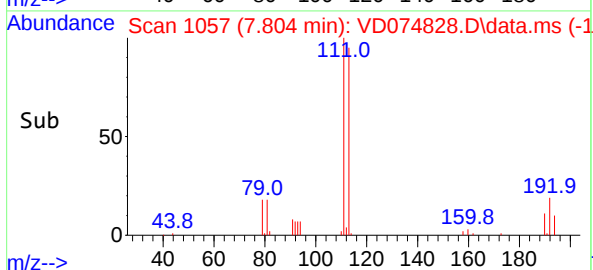
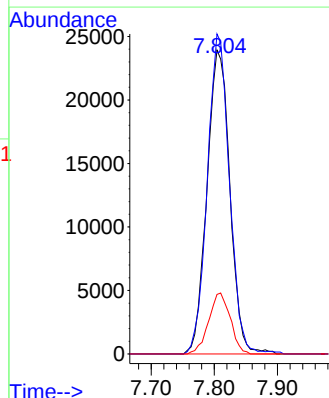
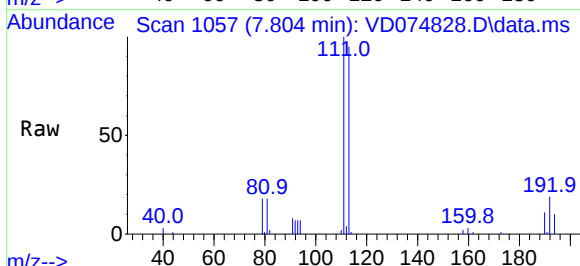
Tgt Ion:113 Resp: 60428

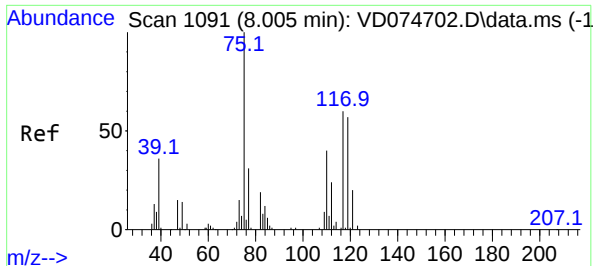
Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

192 18.9 16.4 24.6

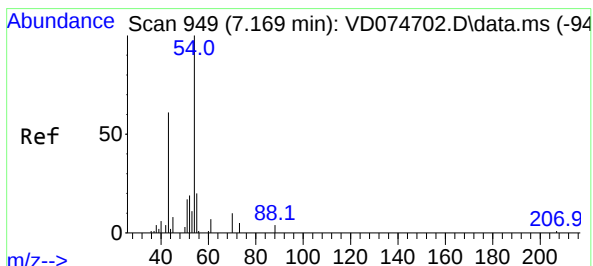
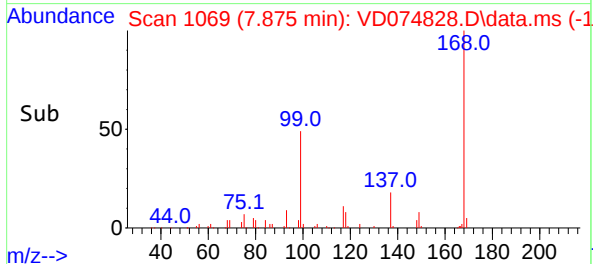
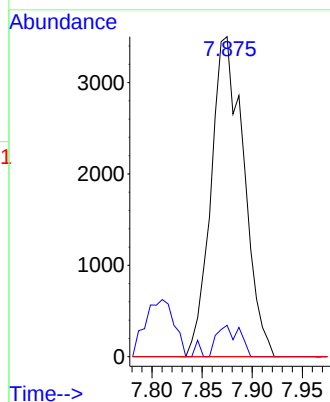
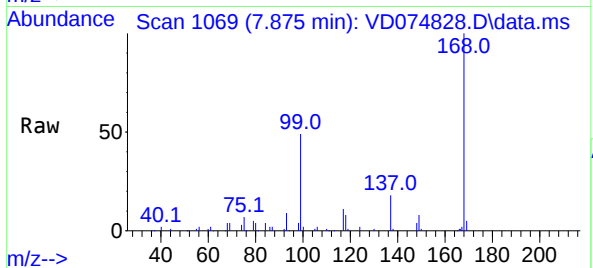




#36
1,1-Dichloropropene
Concen: 4.116 ug/l
RT: 7.875 min Scan# 1091
Delta R.T. -0.130 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

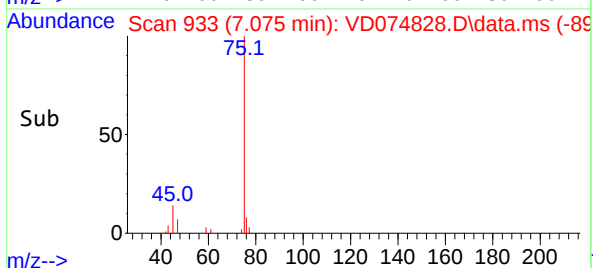
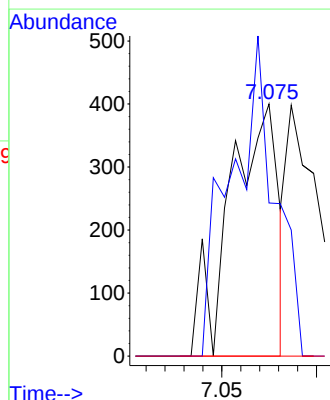
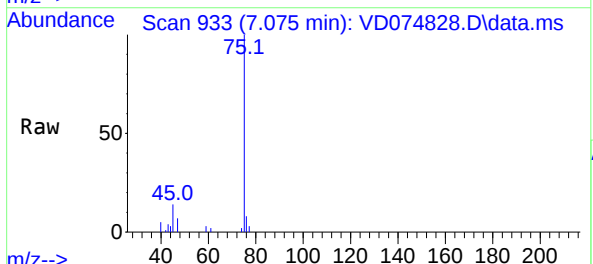
Instrument :
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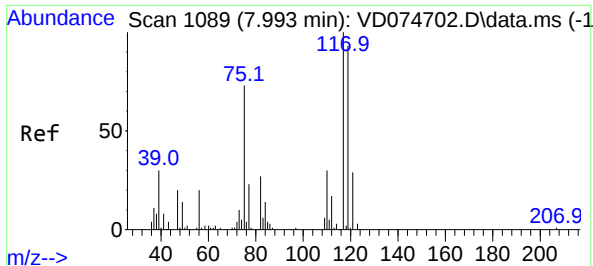
Tgt Ion: 75 Resp: 7949
Ion Ratio Lower Upper
75 100
110 6.9 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 1.102 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.094 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
61 114.5 12.2 18.4#
70 0.0 9.6 14.4#

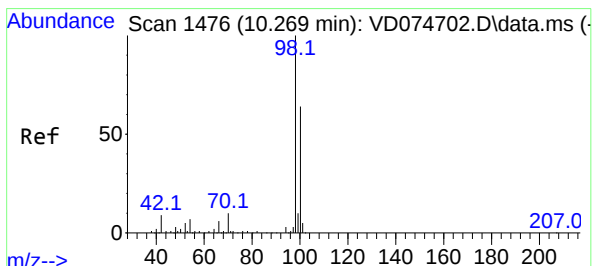
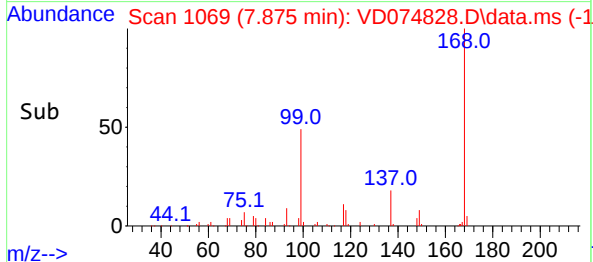
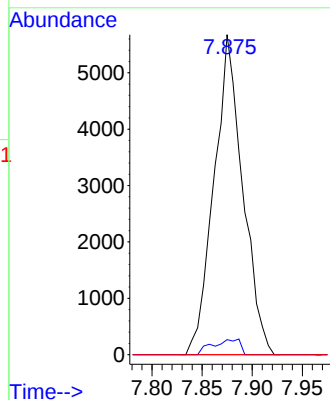
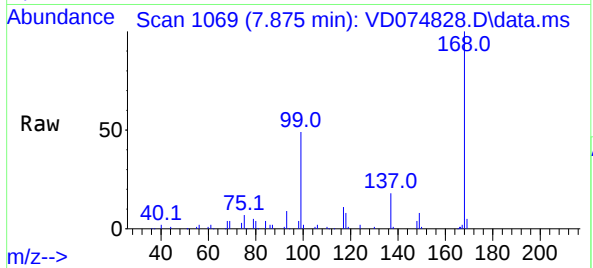




#38
Carbon Tetrachloride
Concen: 6.176 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

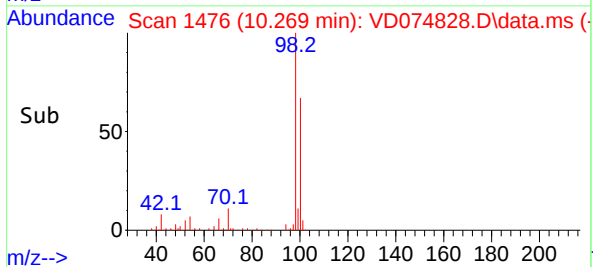
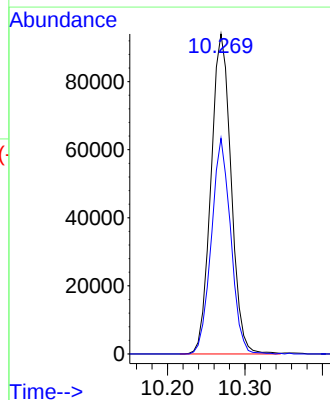
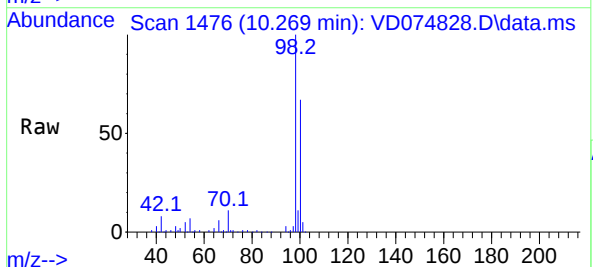
Instrument :
MSVOA_D
ClientSampleId :
124035

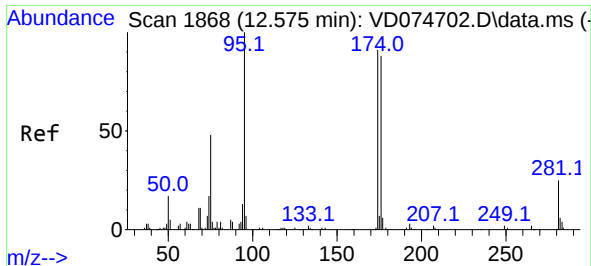
Tgt Ion:117 Resp: 11302
Ion Ratio Lower Upper
117 100
119 4.7 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 36.502 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

Tgt Ion: 98 Resp: 169427
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

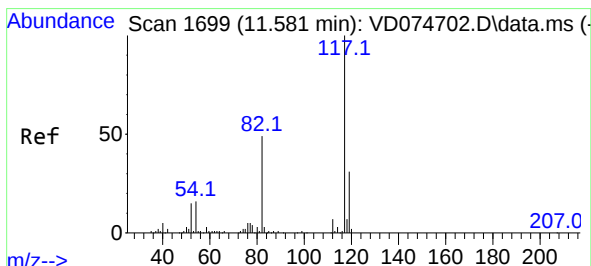
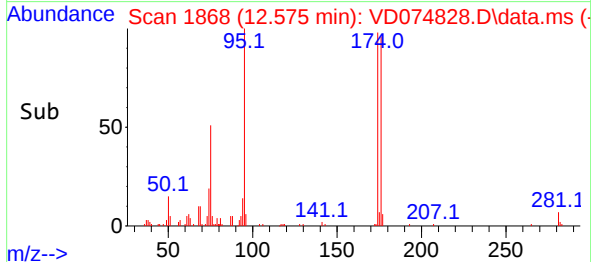
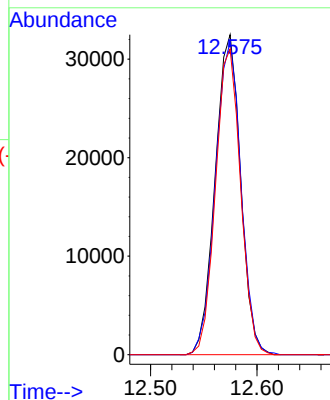
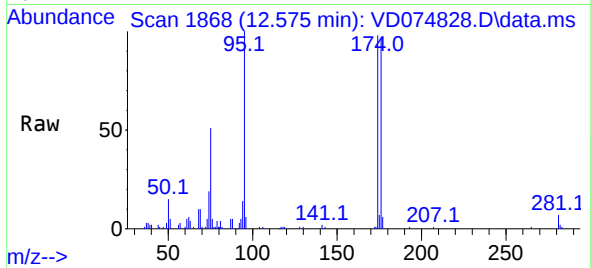




#62
4-Bromofluorobenzene
Concen: 40.120 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

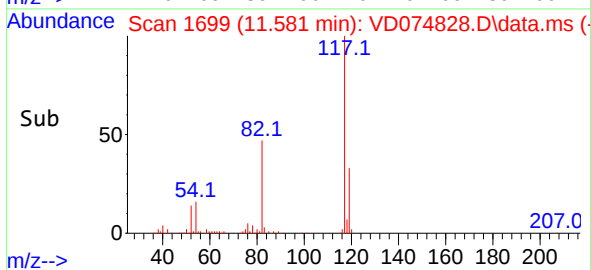
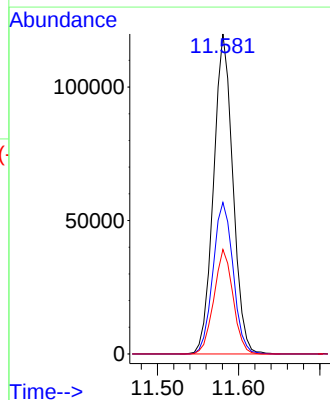
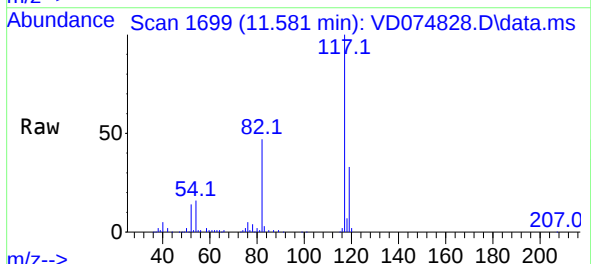
Instrument :
MSVOA_D
ClientSampleId :
124035

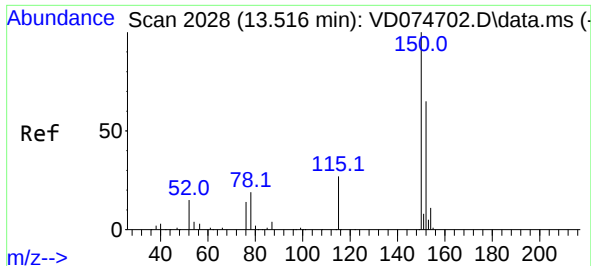
Tgt Ion: 95 Resp: 53768
Ion Ratio Lower Upper
95 100
174 98.4 0.0 197.0
176 93.7 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

Tgt Ion: 117 Resp: 198339
Ion Ratio Lower Upper
117 100
82 47.3 41.6 62.4
119 32.7 25.2 37.8

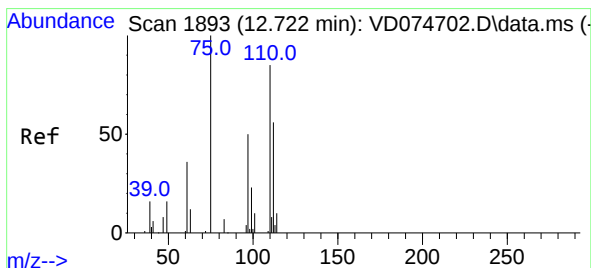
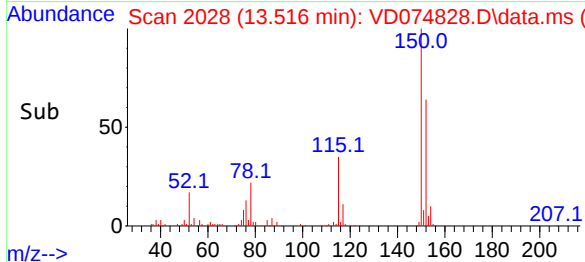
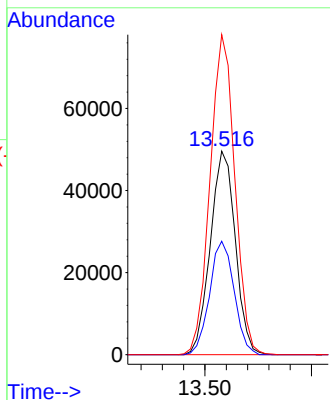
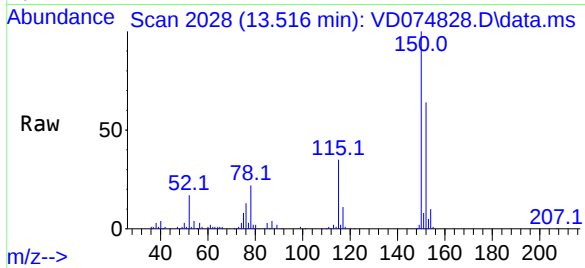




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

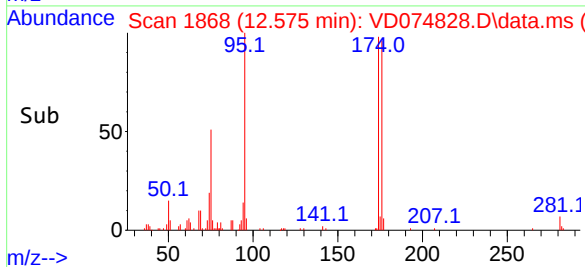
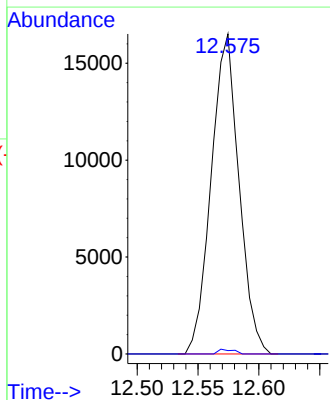
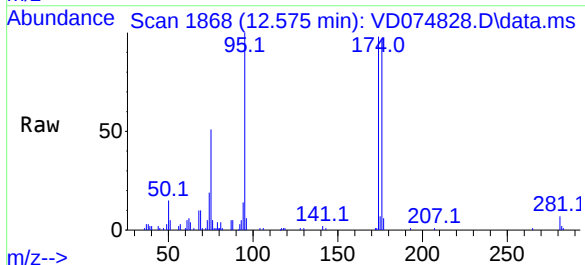
Instrument :
MSVOA_D
ClientSampleId :
124035

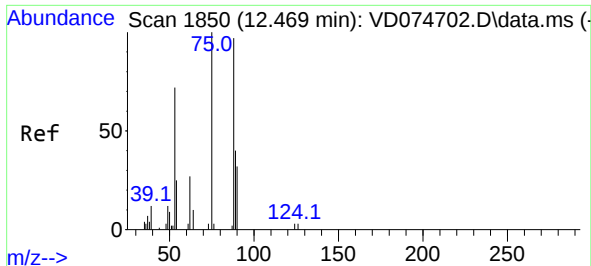
Tgt Ion:152 Resp: 80883
Ion Ratio Lower Upper
152 100
115 54.7 26.8 80.4
150 155.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 41.811 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

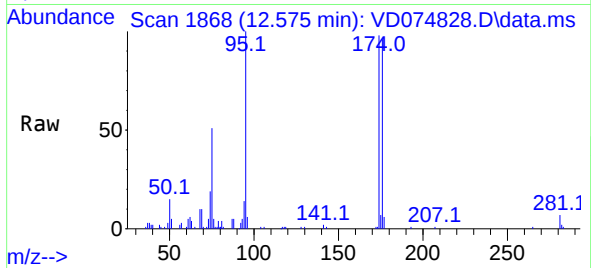
Tgt Ion: 75 Resp: 26216
Ion Ratio Lower Upper
75 100
77 0.8 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.249 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074828.D
Acq: 09 Nov 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :
124035



Tgt Ion: 75 Resp: 26216
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

