

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075640.D
 Acq On : 12 Apr 2023 15:18
 Operator : KP/SY
 Sample : 02260-09
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1C

Quant Time: Apr 13 07:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

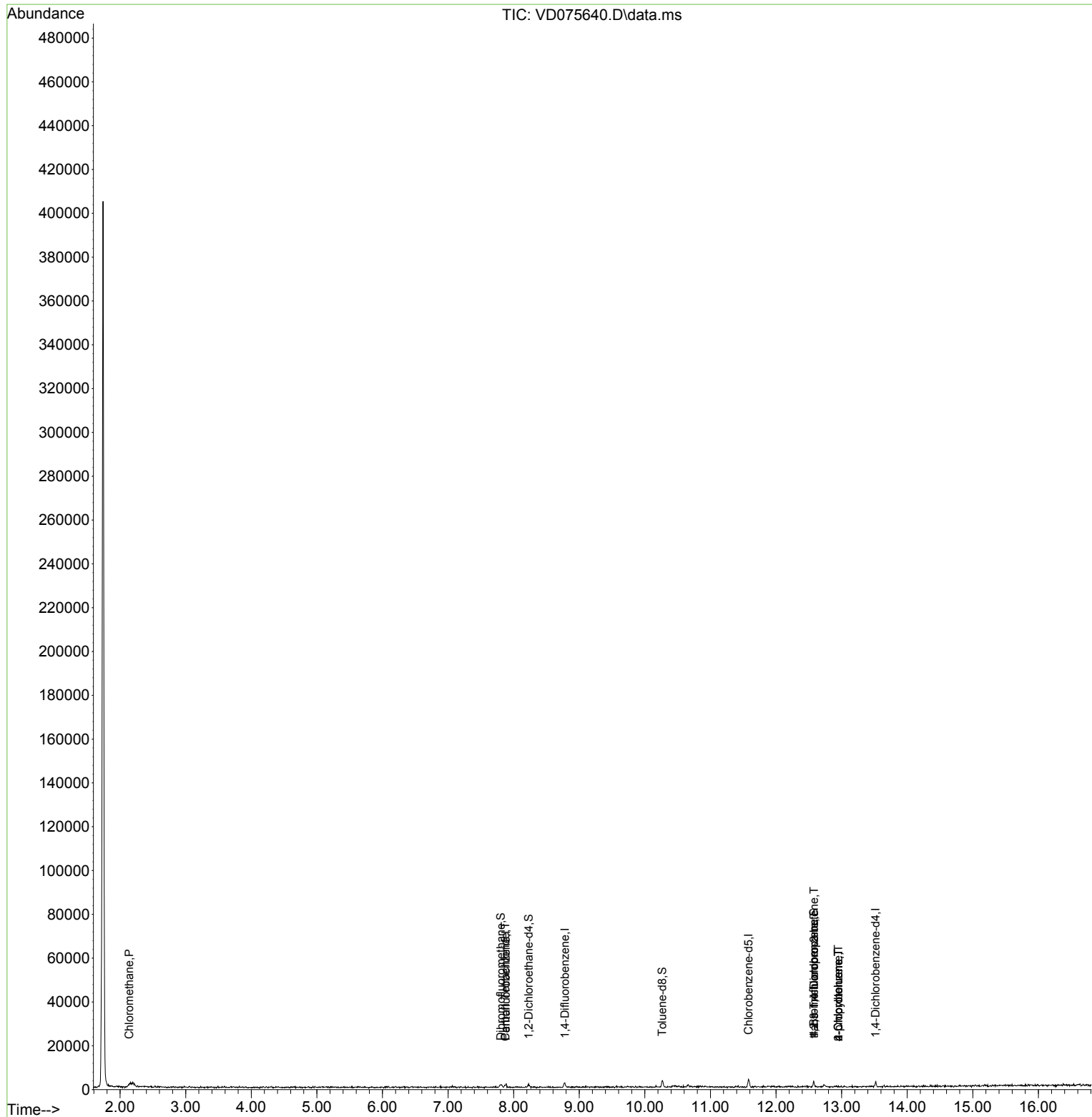
Internal Standards						
1) Pentafluorobenzene	7.881	168	1510	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	2913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	2856	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1058	85.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.820%#	
35) Dibromofluoromethane	7.804	113	1319	77.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 154.520%#	
50) Toluene-d8	10.263	98	2952	44.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.160%	
62) 4-Bromofluorobenzene	12.575	95	982	49.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	60	3.234	ug/l	# 40
38) Carbon Tetrachloride	7.875	117	56	2.678	ug/l	# 13
76) 1,2,3-Trichloropropane	12.581	75	511	111.489	ug/l	# 100
78) n-propylbenzene	12.951	91	98	1.863	ug/l	# 53
79) 2-Chlorotoluene	12.951	91	98	3.369	ug/l	# 41
81) trans-1,4-Dichloro-2-b...	12.581	75	511	212.263	ug/l	# 5
82) 4-Chlorotoluene	12.951	91	98	3.247	ug/l	# 41

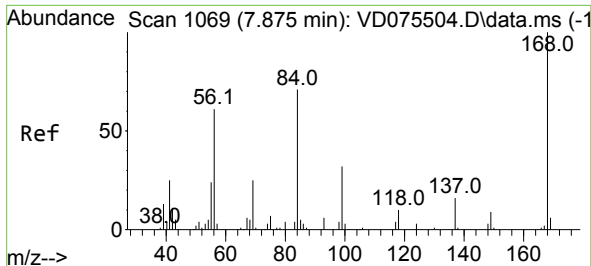
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
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MSVOA_D
ClientSampleId :
SP-1C

Quant Time: Apr 13 07:28:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

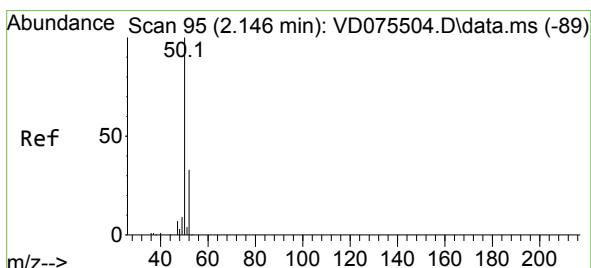
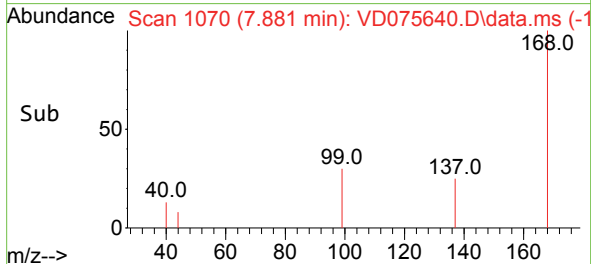
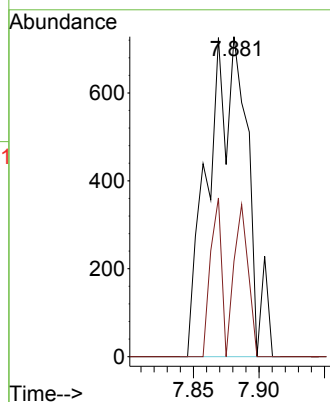
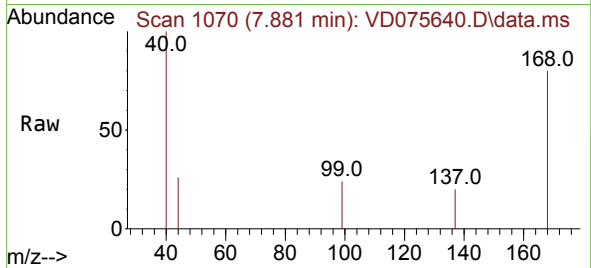




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

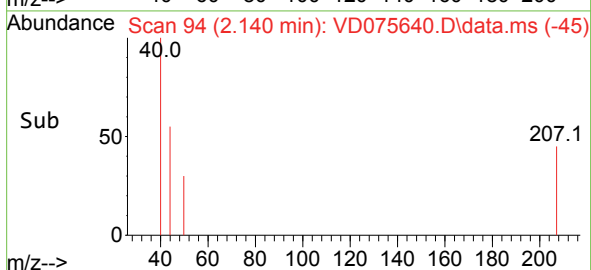
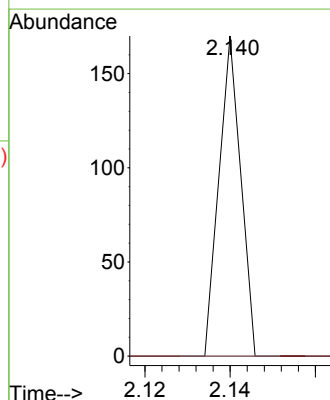
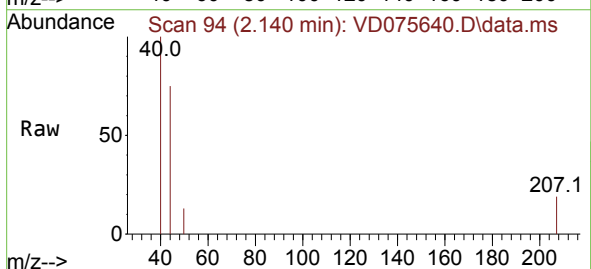
Instrument :
MSVOA_D
ClientSampleId :
SP-1C

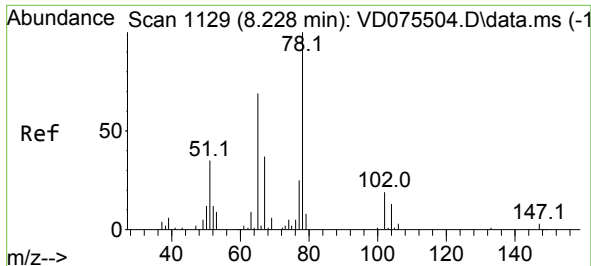
Tgt Ion:168 Resp: 1510
Ion Ratio Lower Upper
168 100
99 29.8 43.8 65.6#



#3
Chloromethane
Concen: 3.234 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.012 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

Tgt Ion: 50 Resp: 60
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 85.410 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075640.D

Acq: 12 Apr 2023 15:18

Instrument :

MSVOA_D

ClientSampleId :

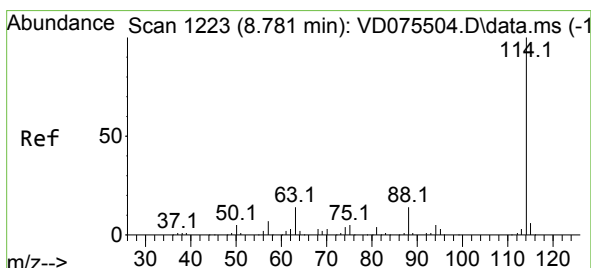
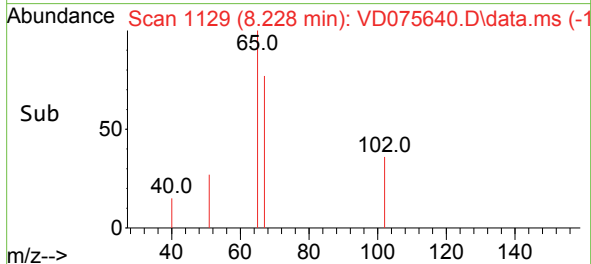
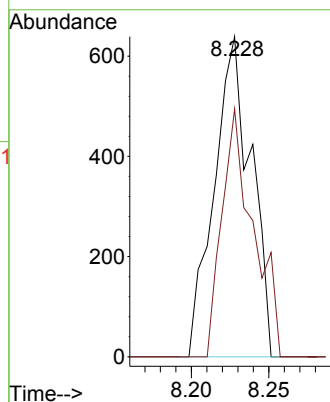
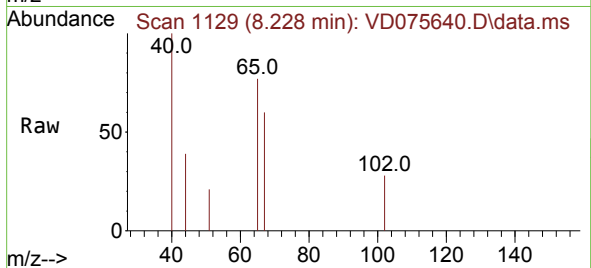
SP-1C

Tgt Ion: 65 Resp: 1058

Ion Ratio Lower Upper

65 100

67 65.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075640.D

Acq: 12 Apr 2023 15:18

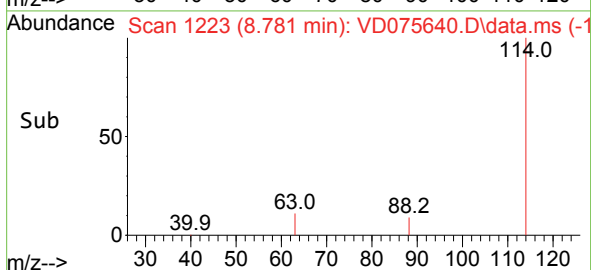
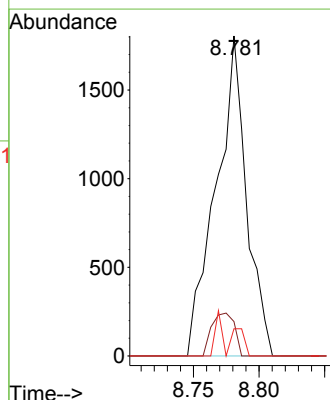
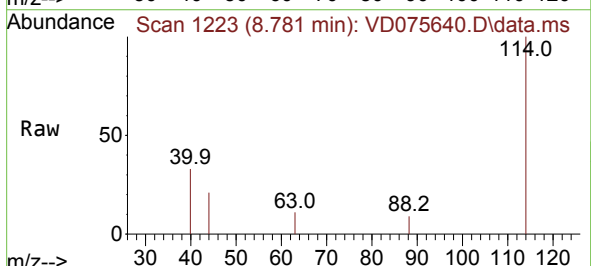
Tgt Ion: 114 Resp: 2913

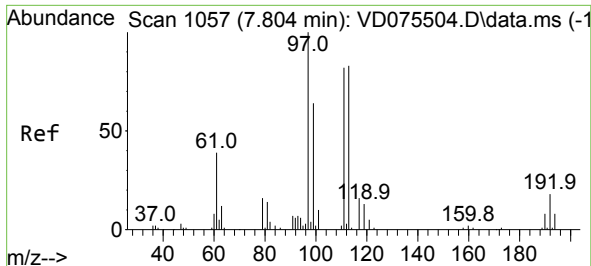
Ion Ratio Lower Upper

114 100

63 10.7 0.0 41.6

88 8.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 77.262 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075640.D

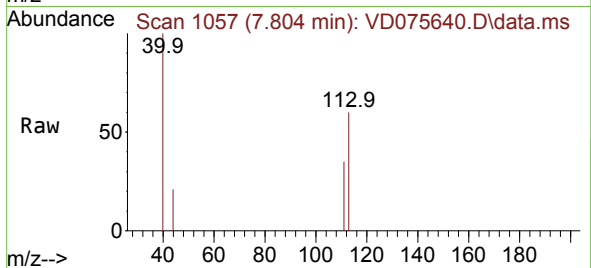
Acq: 12 Apr 2023 15:18

Instrument :

MSVOA_D

ClientSampleId :

SP-1C



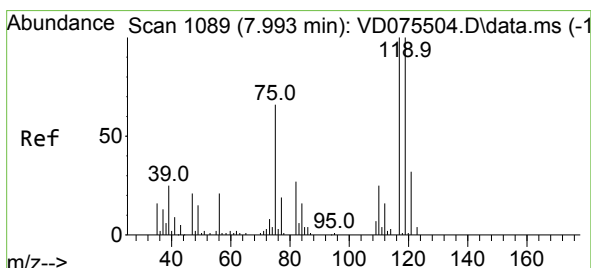
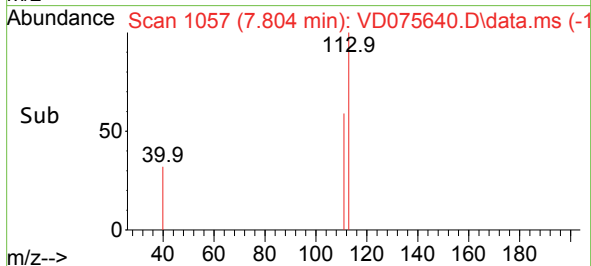
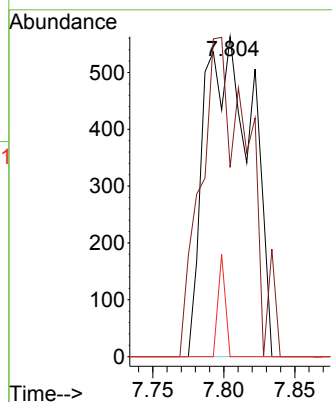
Tgt Ion:113 Resp: 1319

Ion Ratio Lower Upper

113 100

111 98.3 81.4 122.0

192 4.9 15.2 22.8#



#38

Carbon Tetrachloride

Concen: 2.678 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075640.D

Acq: 12 Apr 2023 15:18

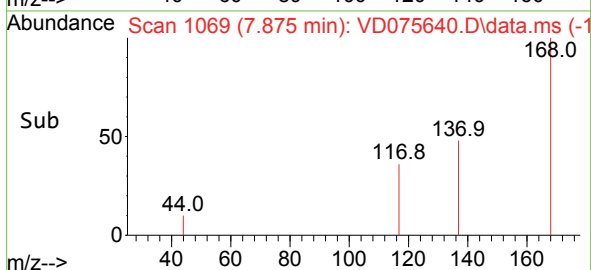
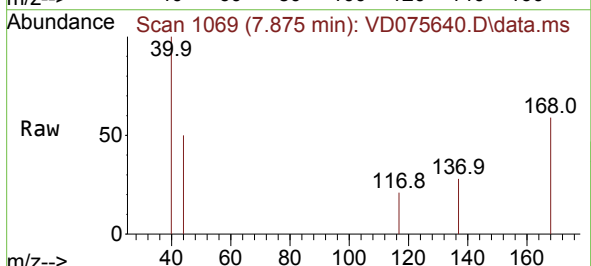
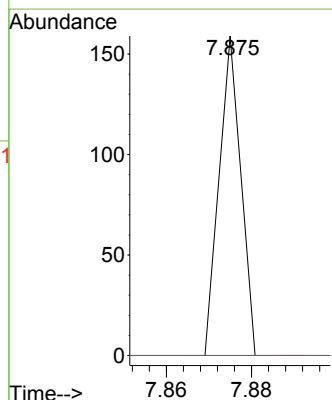
Tgt Ion:117 Resp: 56

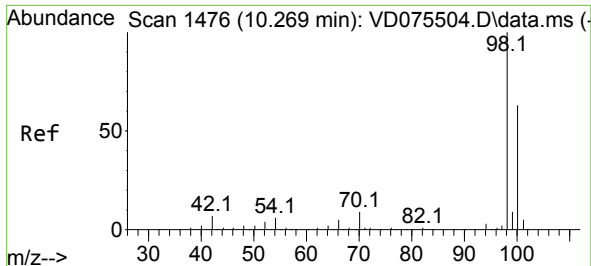
Ion Ratio Lower Upper

117 100

119 0.0 74.7 112.1#

121 0.0 25.9 38.9#

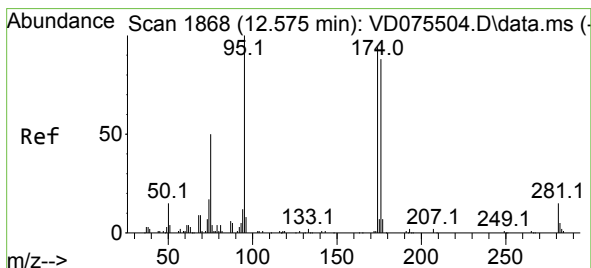
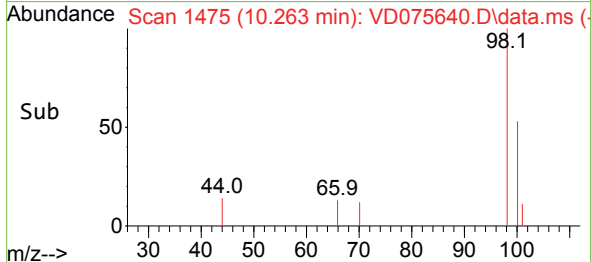
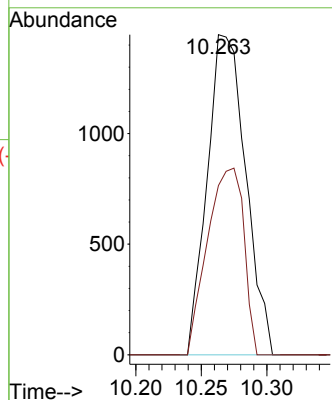
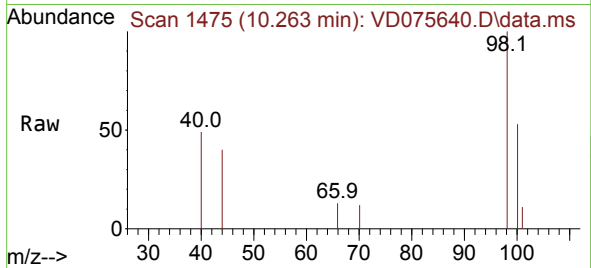




#50
Toluene-d8
Concen: 44.085 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

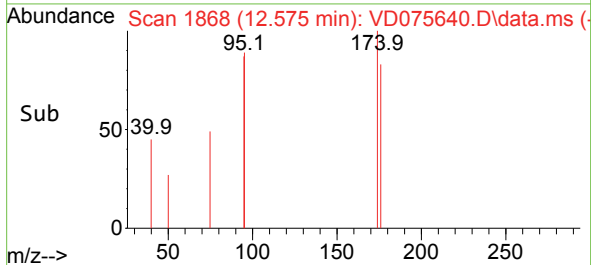
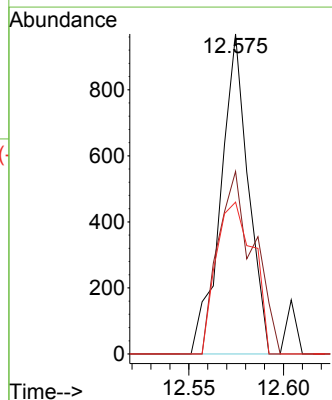
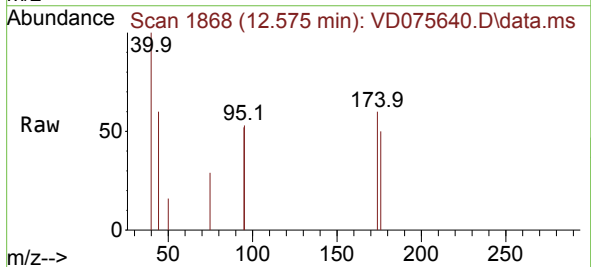
Instrument :
MSVOA_D
ClientSampleId :
SP-1C

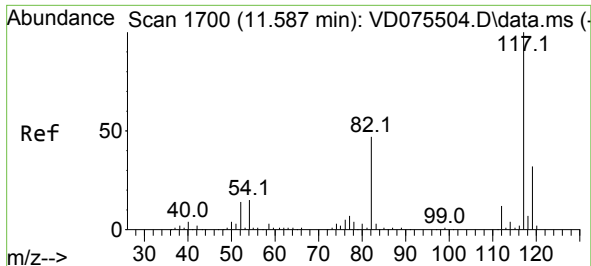
Tgt Ion: 98 Resp: 2952
Ion Ratio Lower Upper
98 100
100 55.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.848 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

Tgt Ion: 95 Resp: 982
Ion Ratio Lower Upper
95 100
174 73.9 0.0 164.0
176 64.2 0.0 156.8

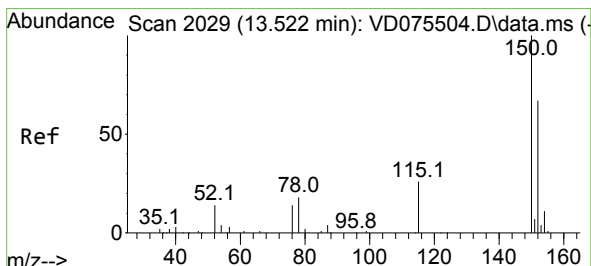
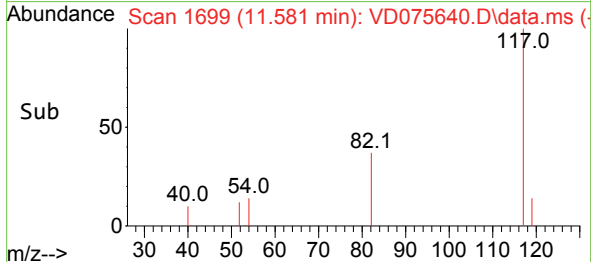
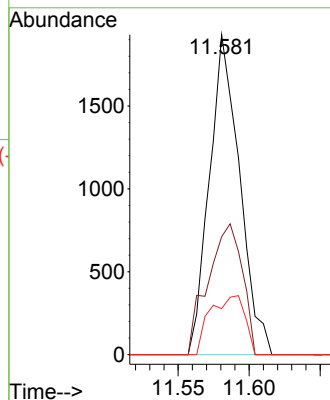
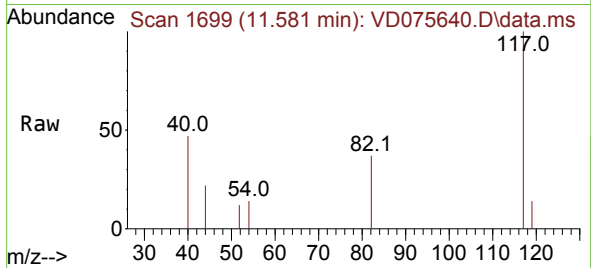




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

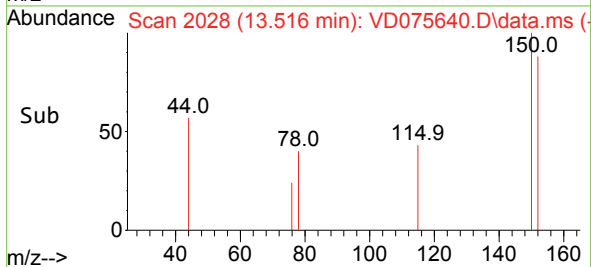
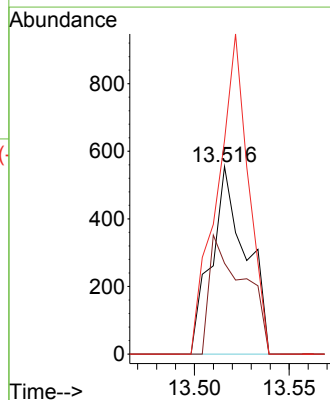
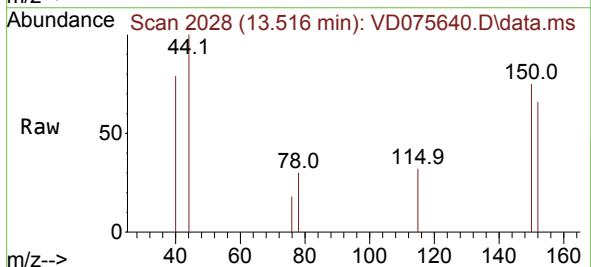
Instrument :
MSVOA_D
ClientSampleId :
SP-1C

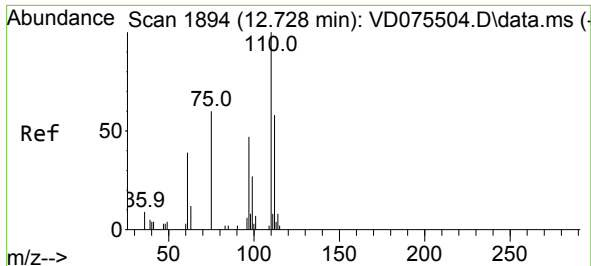
Tgt Ion:117 Resp: 2856
Ion Ratio Lower Upper
117 100
82 36.8 44.0 66.0#
119 14.4 25.1 37.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

Tgt Ion:152 Resp: 705
Ion Ratio Lower Upper
152 100
115 63.3 30.1 90.3
150 153.8 0.0 364.8

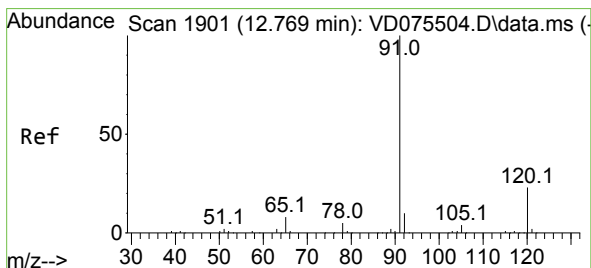
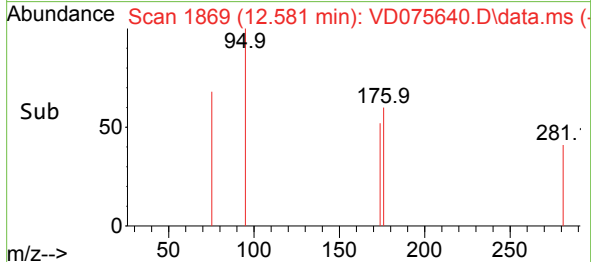
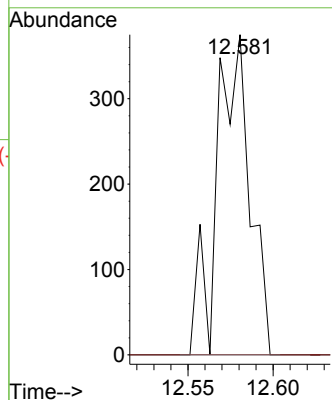
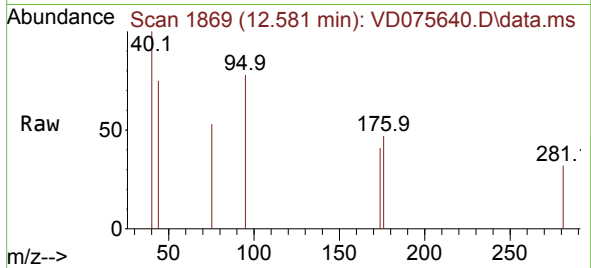




#76
1,2,3-Trichloropropane
Concen: 111.489 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

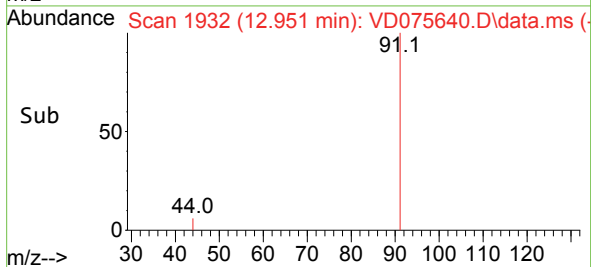
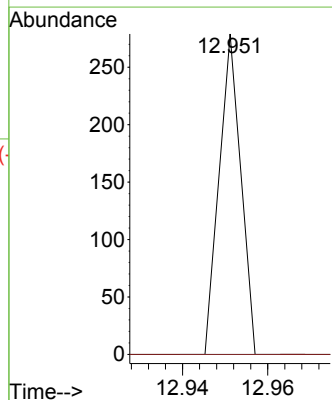
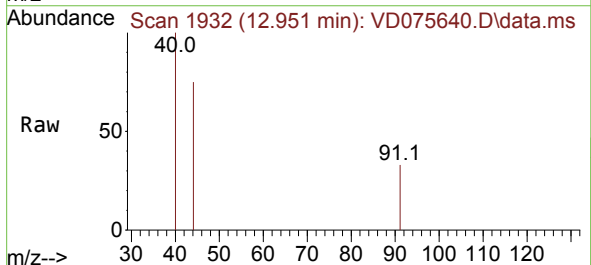
Instrument :
MSVOA_D
ClientSampleId :
SP-1C

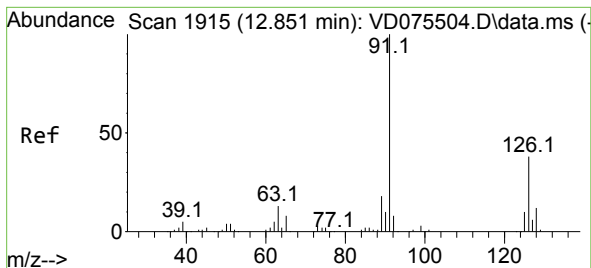
Tgt Ion: 75 Resp: 511
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 1.863 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.182 min
Lab File: VD075640.D
Acq: 12 Apr 2023 15:18

Tgt Ion: 91 Resp: 98
Ion Ratio Lower Upper
91 100
120 0.0 11.4 34.2#





#79

2-Chlorotoluene

Concen: 3.369 ug/l

RT: 12.951 min Scan# 1915

Delta R.T. 0.100 min

Lab File: VD075640.D

Acq: 12 Apr 2023 15:18

Instrument :

MSVOA_D

ClientSampleId :

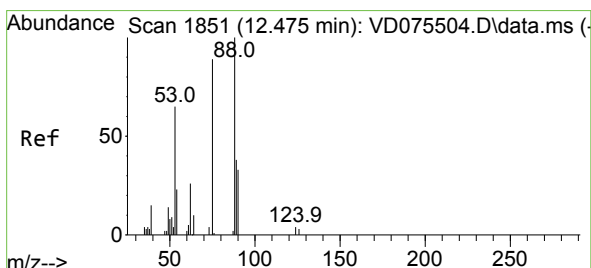
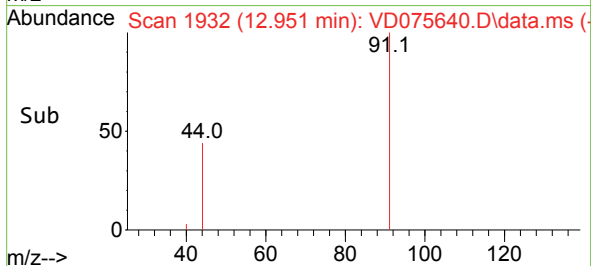
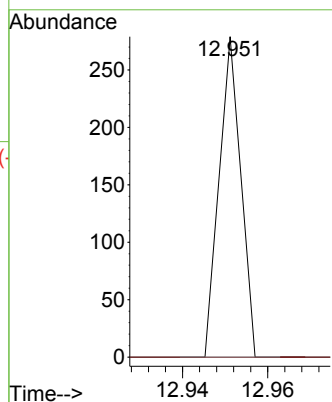
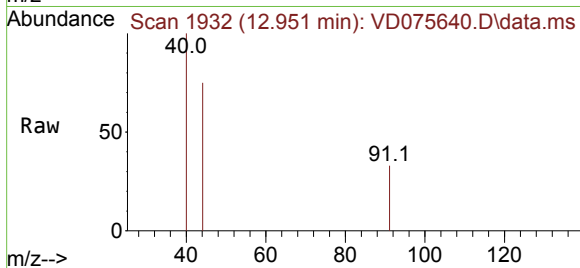
SP-1C

Tgt Ion: 91 Resp: 98

Ion Ratio Lower Upper

91 100

126 0.0 16.8 50.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 212.263 ug/l

RT: 12.581 min Scan# 1869

Delta R.T. 0.112 min

Lab File: VD075640.D

Acq: 12 Apr 2023 15:18

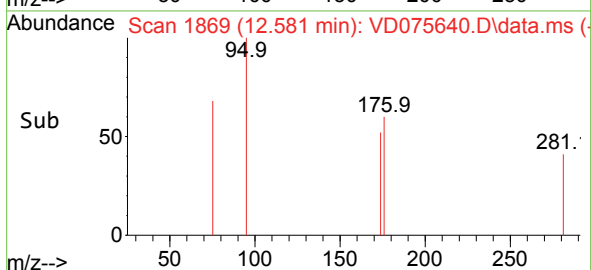
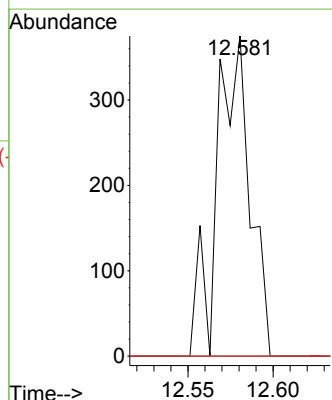
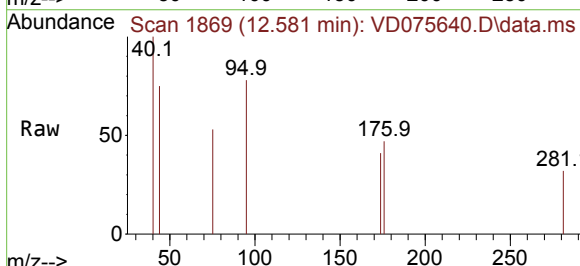
Tgt Ion: 75 Resp: 511

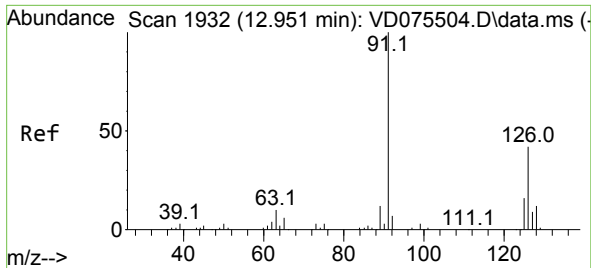
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

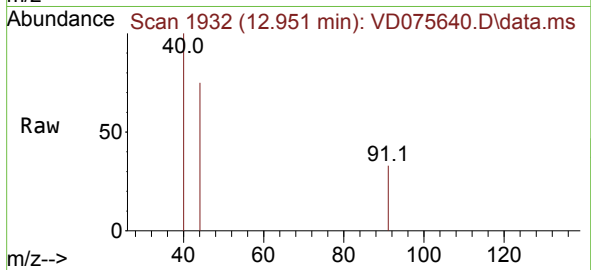
89 0.0 40.2 60.4#





#82
 4-Chlorotoluene
 Concen: 3.247 ug/l
 RT: 12.951 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: VD075640.D
 Acq: 12 Apr 2023 15:18

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1C



Tgt Ion: 91 Resp: 98
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.1 51.2#

