

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074758.D
 Acq On : 07 Nov 2022 13:45
 Operator : VA/SY
 Sample : N5495-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-ORE

Quant Time: Nov 08 00:21:14 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)

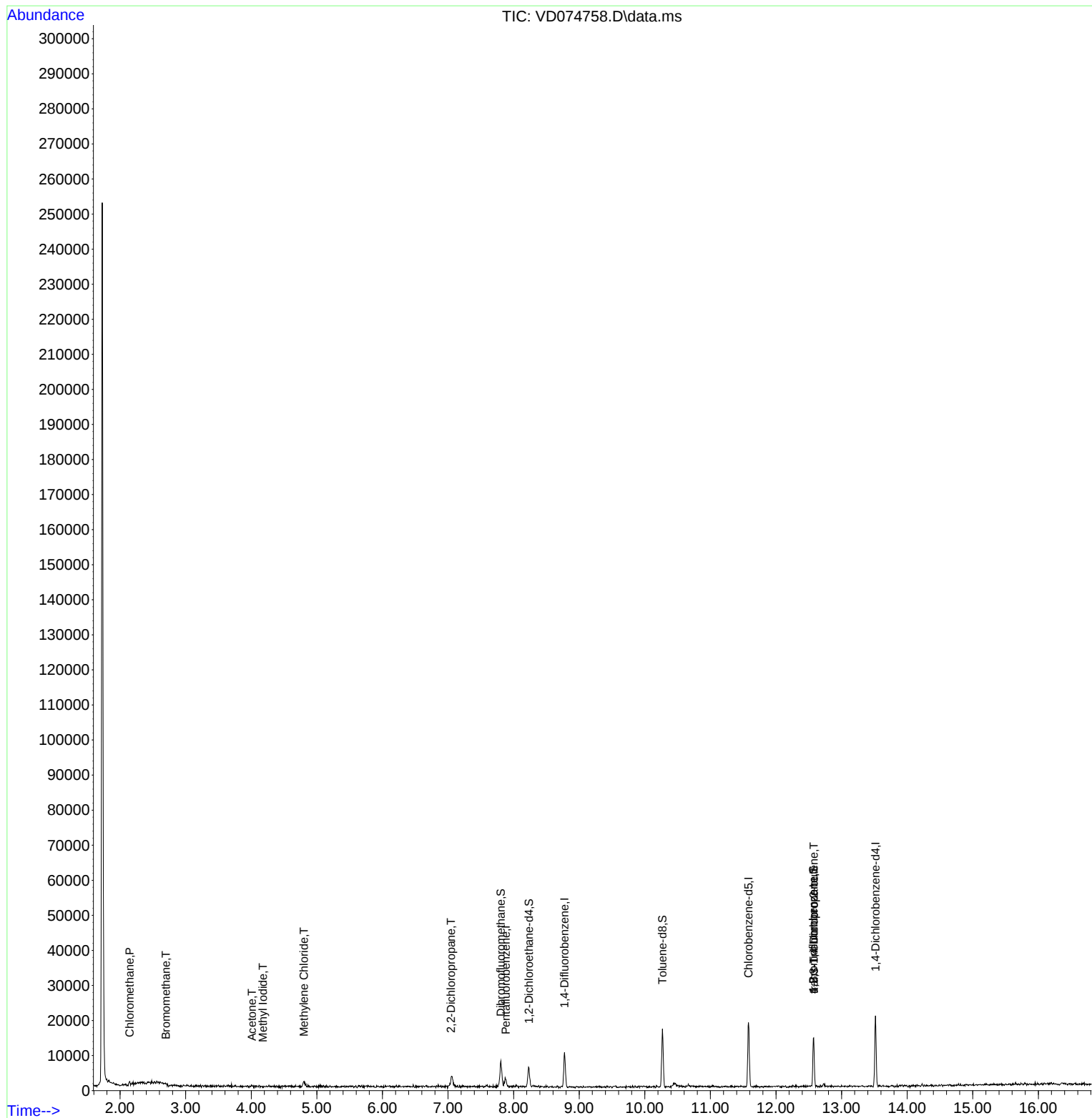
Internal Standards						
1) Pentafluorobenzene	7.881	168	3040	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	9825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	6283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	4094	170.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 340.060%#	
35) Dibromofluoromethane	7.805	113	5310	91.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 182.720%#	
50) Toluene-d8	10.269	98	12756	60.170	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.340%	
62) 4-Bromofluorobenzene	12.569	95	4838	79.038	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 158.080%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	404	10.140	ug/l	# 37
5) Bromomethane	2.699	94	127	3.836	ug/l	# 13
10) Methyl Iodide	4.175	142	54	6.704	ug/l	# 43
16) Acetone	4.011	43	54	10.747	ug/l	# 37
20) Methylene Chloride	4.805	84	1302	24.804	ug/l	# 81
26) 2,2-Dichloropropane	7.046	77	53	1.053	ug/l	# 50
76) 1,2,3-Trichloropropane	12.575	75	2417	49.624	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.575	75	2417	117.796	ug/l	# 17

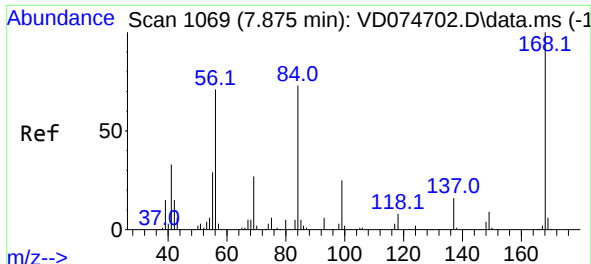
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

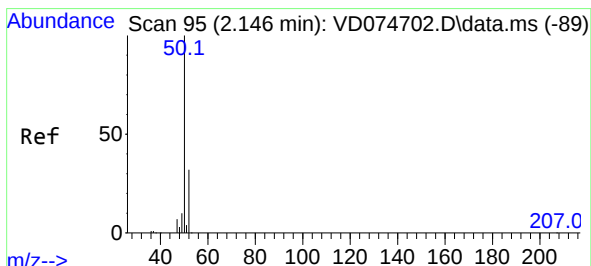
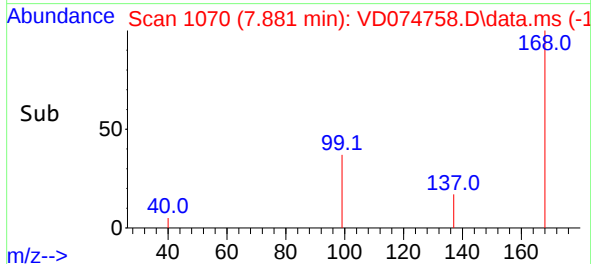
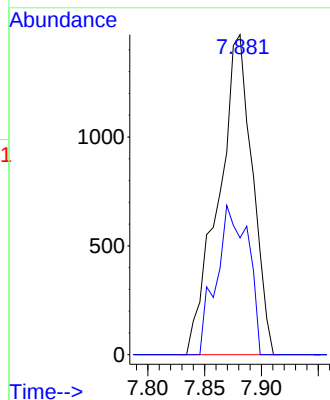
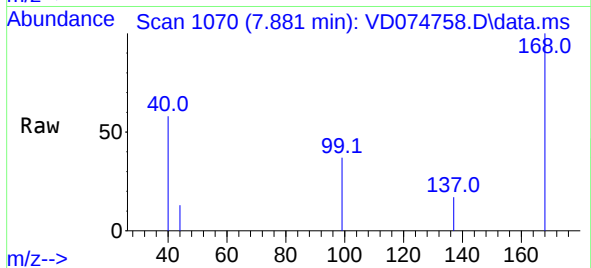




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074758.D
Acq: 07 Nov 2022 13:45

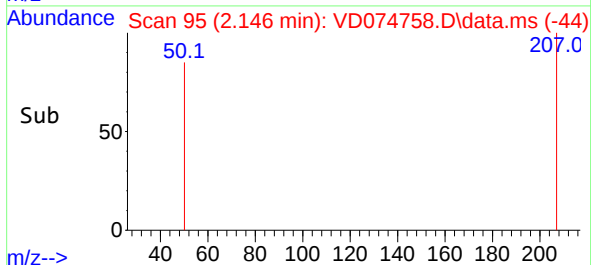
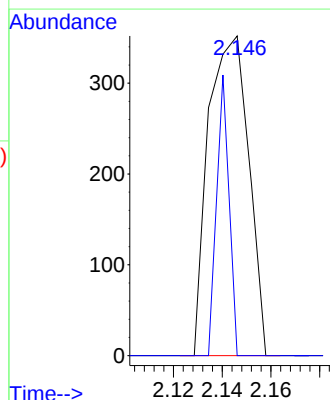
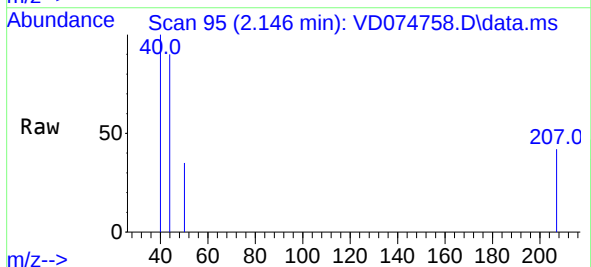
Instrument :
MSVOA_D
ClientSampleId :
TP-ORE

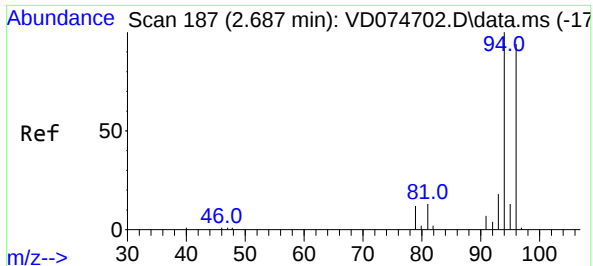
Tgt Ion:168 Resp: 3040
Ion Ratio Lower Upper
168 100
99 36.5 40.9 61.3#



#3
Chloromethane
Concen: 10.140 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074758.D
Acq: 07 Nov 2022 13:45

Tgt Ion: 50 Resp: 404
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#





#5

Bromomethane

Concen: 3.836 ug/l

RT: 2.699 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD074758.D

Acq: 07 Nov 2022 13:45

Instrument :

MSVOA_D

ClientSampleId :

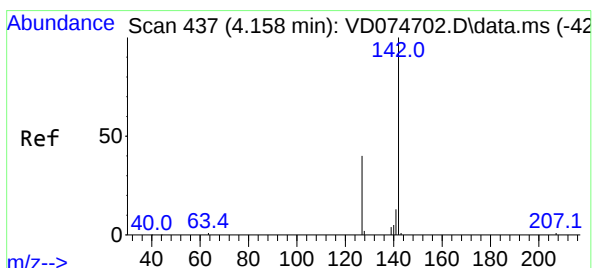
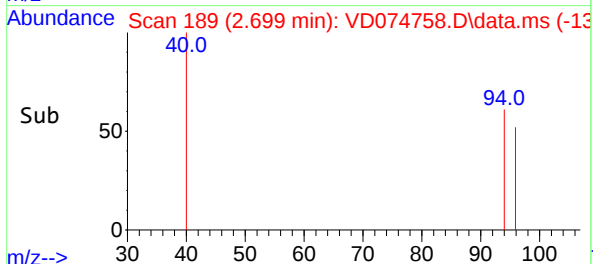
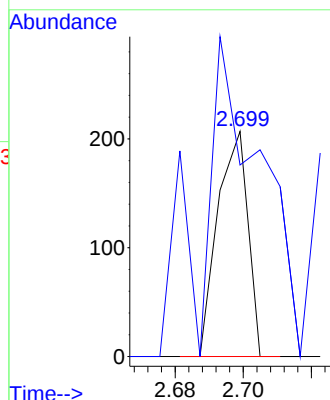
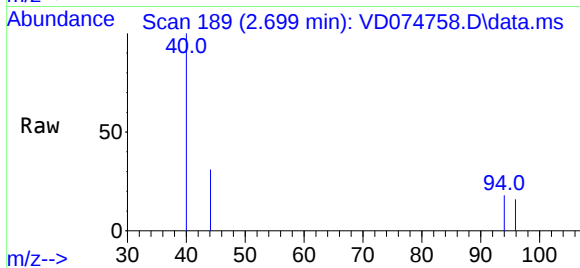
TP-ORE

Tgt Ion: 94 Resp: 127

Ion Ratio Lower Upper

94 100

96 9.7 74.6 112.0#



#10

Methyl Iodide

Concen: 6.704 ug/l

RT: 4.175 min Scan# 440

Delta R.T. 0.017 min

Lab File: VD074758.D

Acq: 07 Nov 2022 13:45

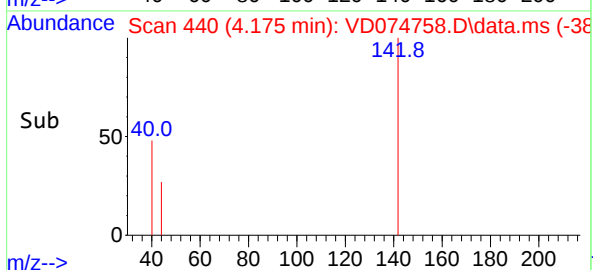
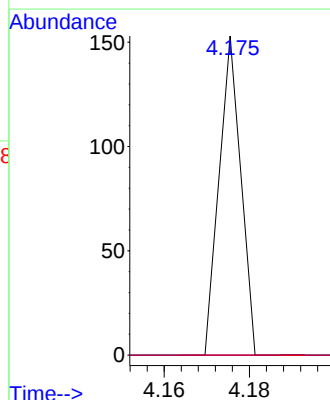
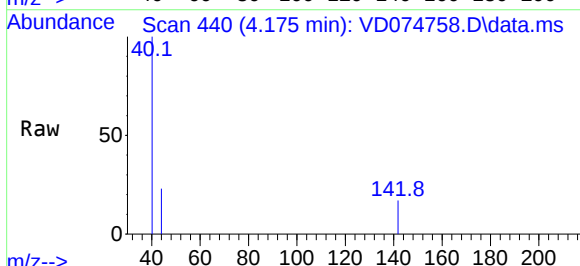
Tgt Ion:142 Resp: 54

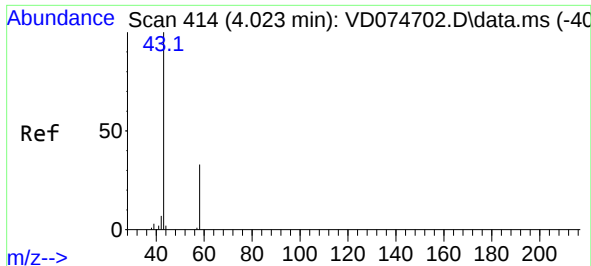
Ion Ratio Lower Upper

142 100

127 0.0 31.9 47.9#

141 0.0 11.4 17.2#

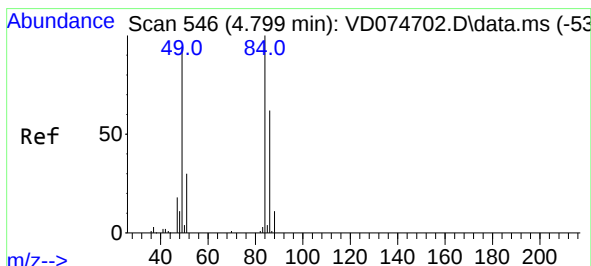
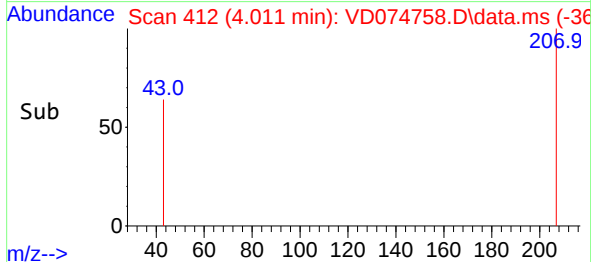
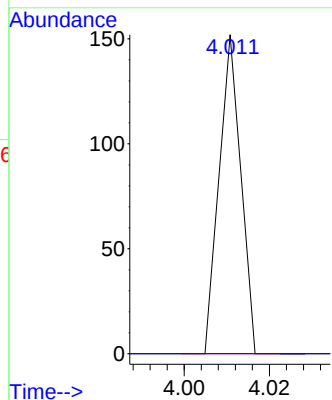
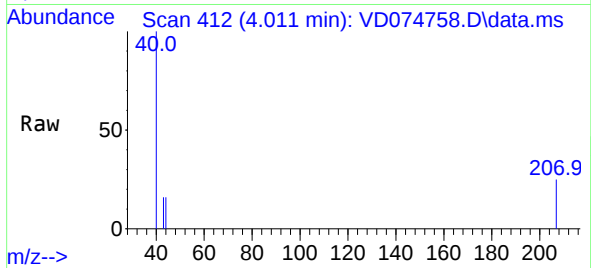




#16
Acetone
Concen: 10.747 ug/l
RT: 4.011 min Scan# 411
Delta R.T. -0.012 min
Lab File: VD074758.D
Acq: 07 Nov 2022 13:45

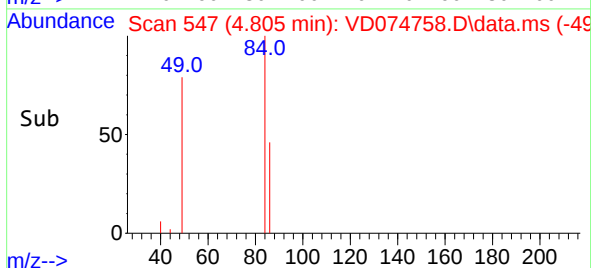
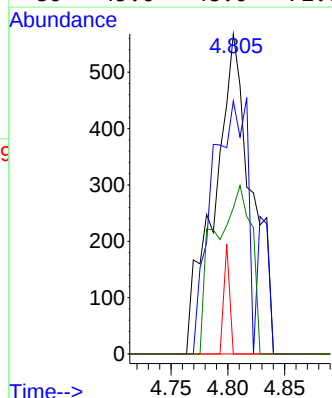
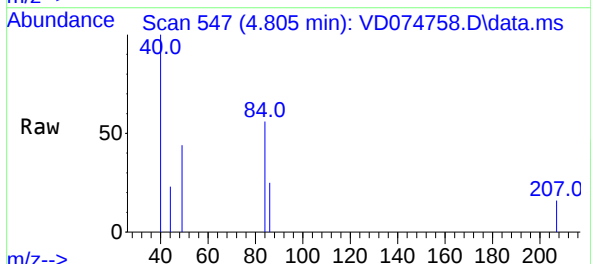
Instrument :
MSVOA_D
ClientSampleId :
TP-ORE

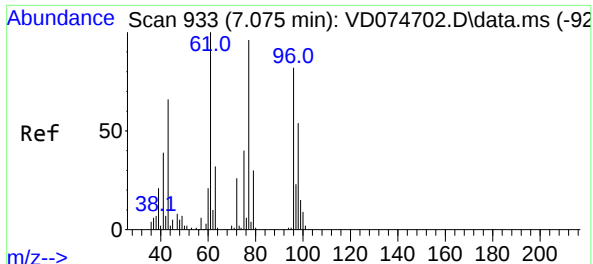
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: 24.804 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074758.D
Acq: 07 Nov 2022 13:45

Tgt Ion: 84 Resp: 1302
Ion Ratio Lower Upper
84 100
49 79.0 68.0 102.0
51 0.0 23.2 34.8#
86 45.6 48.0 72.0#





#26

2,2-Dichloropropane

Concen: 1.053 ug/l

RT: 7.046 min Scan# 91

Delta R.T. -0.029 min

Lab File: VD074758.D

Acq: 07 Nov 2022 13:45

Instrument :

MSVOA_D

ClientSampleId :

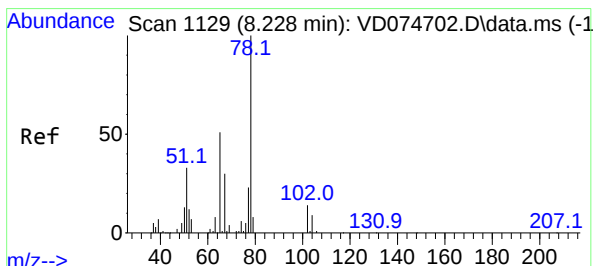
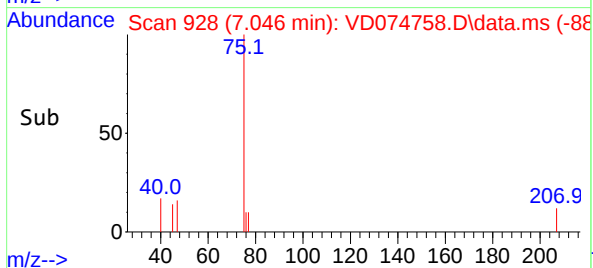
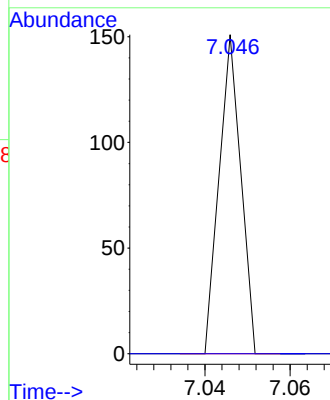
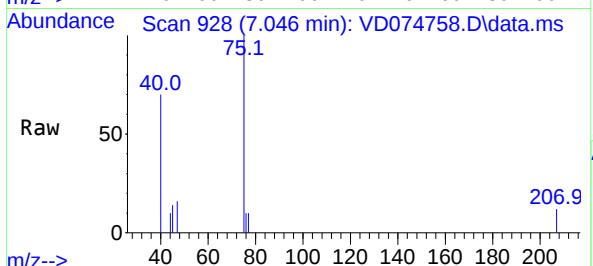
TP-ORE

Tgt Ion: 77 Resp: 53

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#



#33

1,2-Dichloroethane-d4

Concen: 170.035 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074758.D

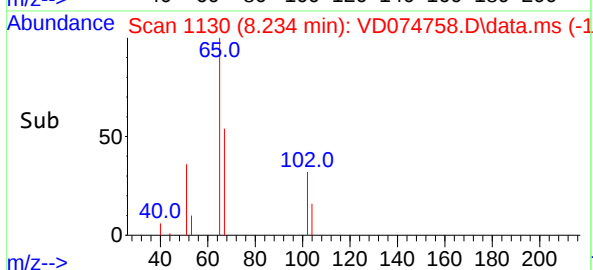
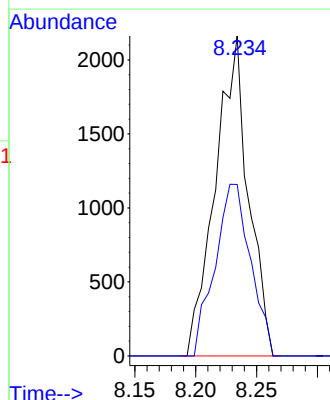
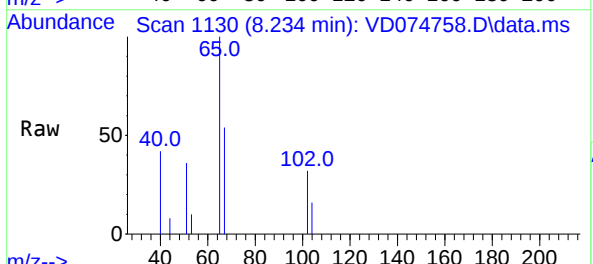
Acq: 07 Nov 2022 13:45

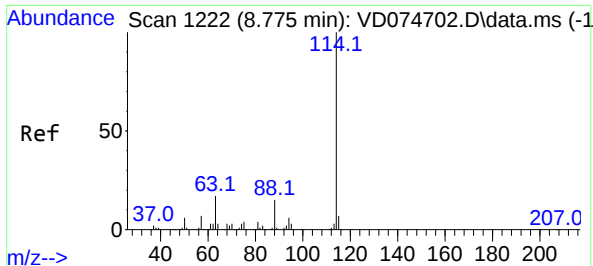
Tgt Ion: 65 Resp: 4094

Ion Ratio Lower Upper

65 100

67 57.7 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: VD074758.D

Acq: 07 Nov 2022 13:45

Instrument :

MSVOA_D

ClientSampleId :

TP-ORE

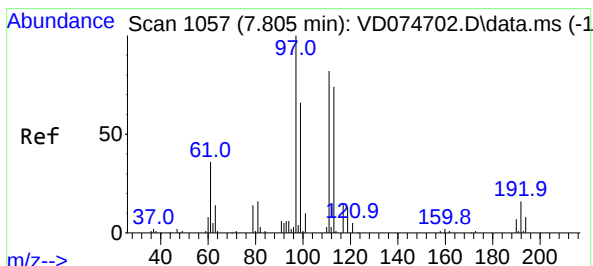
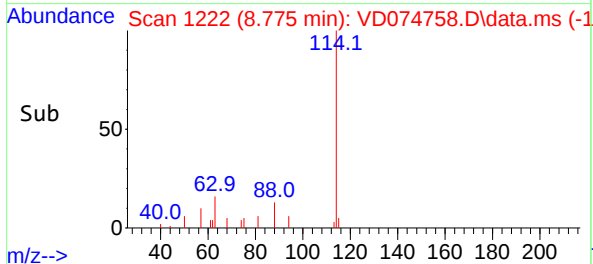
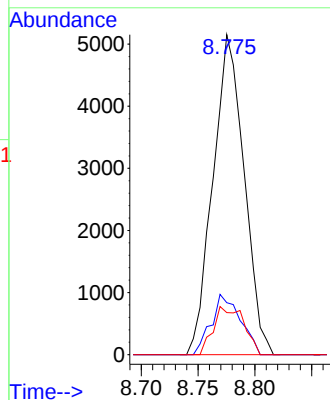
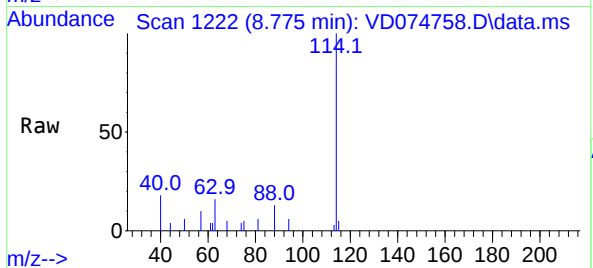
Tgt Ion:114 Resp: 9825

Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.2

88 13.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 91.365 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074758.D

Acq: 07 Nov 2022 13:45

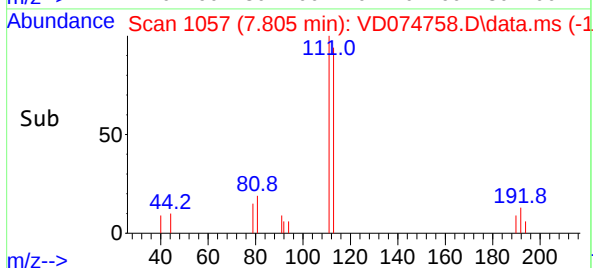
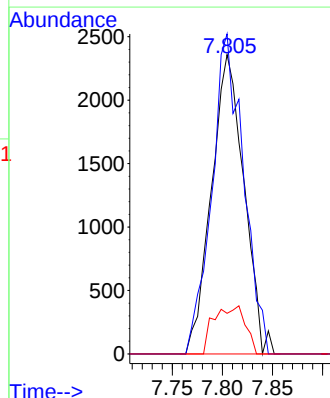
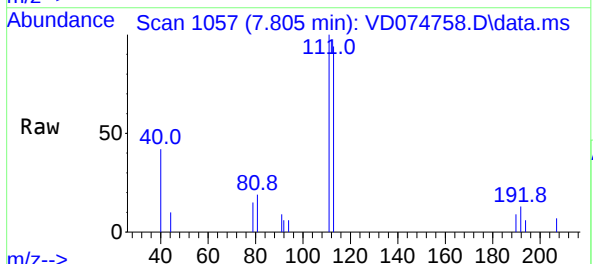
Tgt Ion:113 Resp: 5310

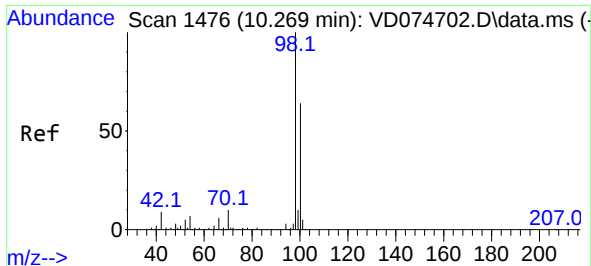
Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

192 15.5 16.4 24.6#

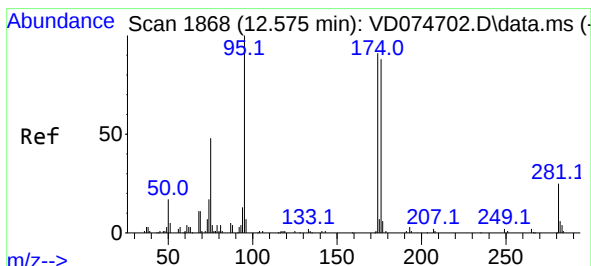
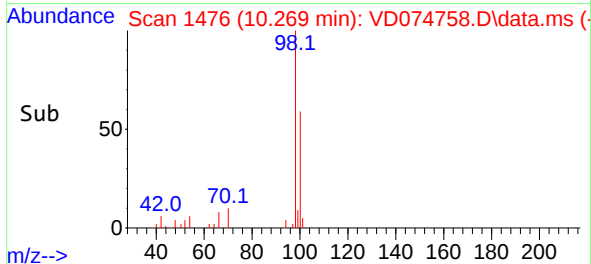
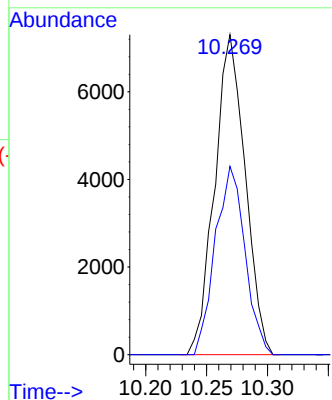
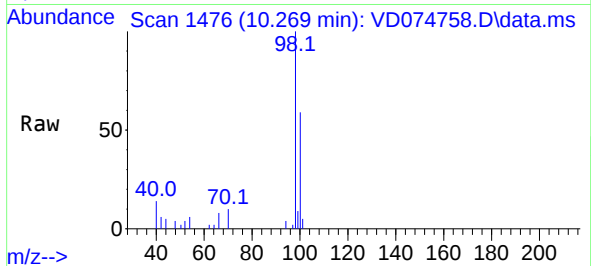




#50
Toluene-d8
Concen: 60.170 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074758.D
Acq: 07 Nov 2022 13:45

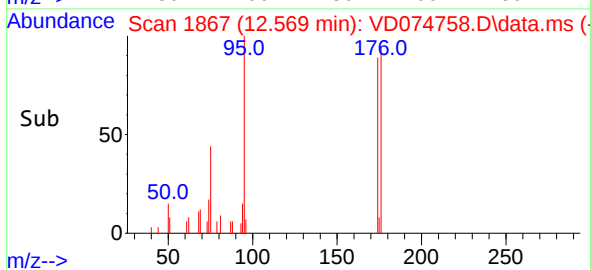
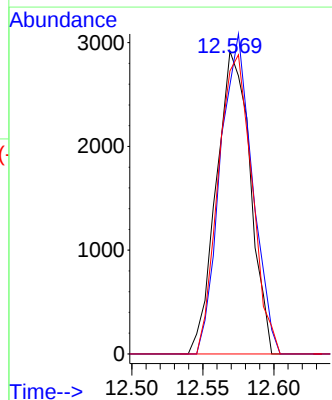
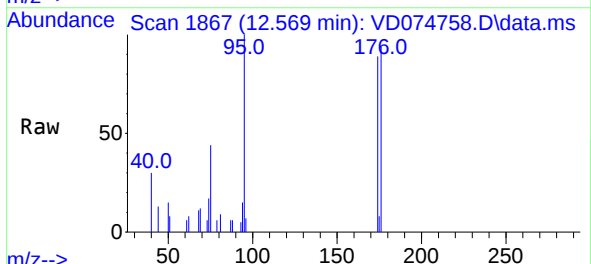
Instrument :
MSVOA_D
ClientSampleId :
TP-ORE

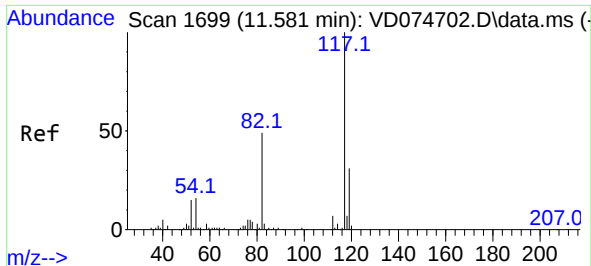
Tgt Ion: 98 Resp: 12756
Ion Ratio Lower Upper
98 100
100 57.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 79.038 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074758.D
Acq: 07 Nov 2022 13:45

Tgt Ion: 95 Resp: 4838
Ion Ratio Lower Upper
95 100
174 100.3 0.0 197.0
176 98.5 0.0 182.6

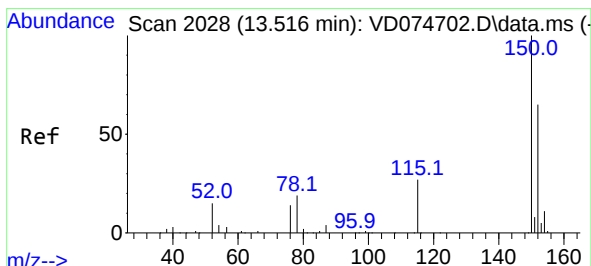
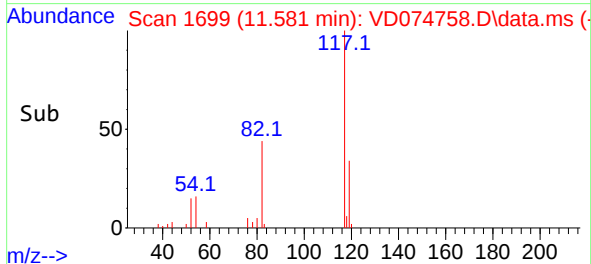
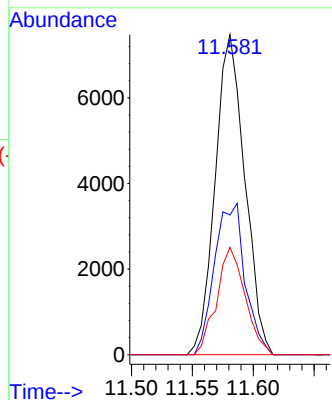
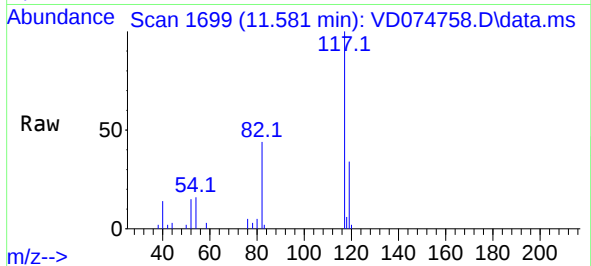




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074758.D
Acq: 07 Nov 2022 13:45

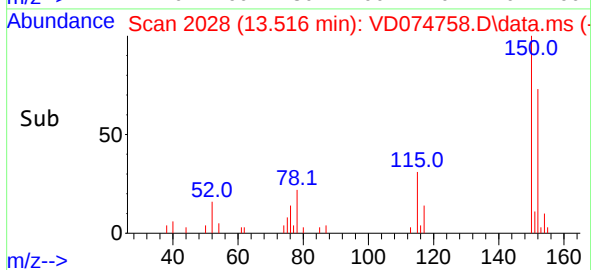
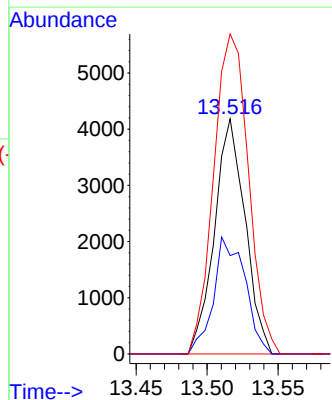
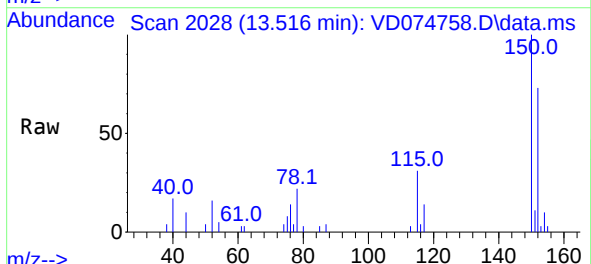
Instrument :
MSVOA_D
ClientSampleId :
TP-ORE

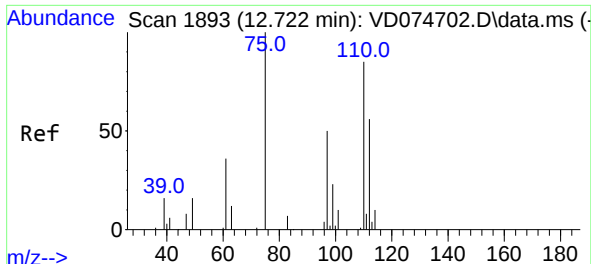
Tgt Ion:	117	Resp:	12652
Ion	Ratio	Lower	Upper
117	100		
82	43.7	41.6	62.4
119	33.6	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074758.D
Acq: 07 Nov 2022 13:45

Tgt Ion:	152	Resp:	6283
Ion	Ratio	Lower	Upper
152	100		
115	51.0	26.8	80.4
150	154.4	0.0	348.2

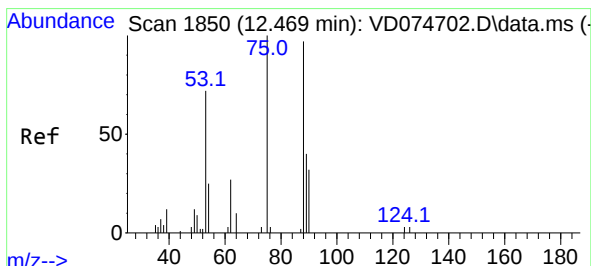
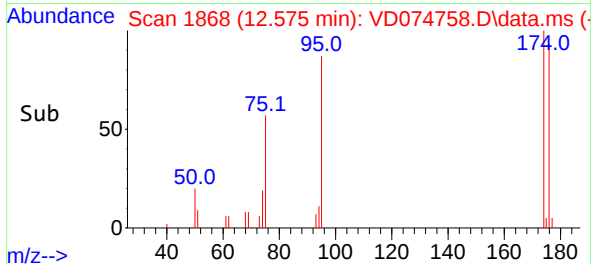
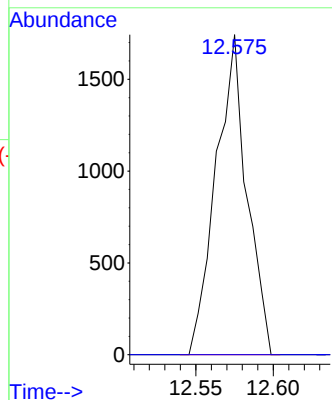
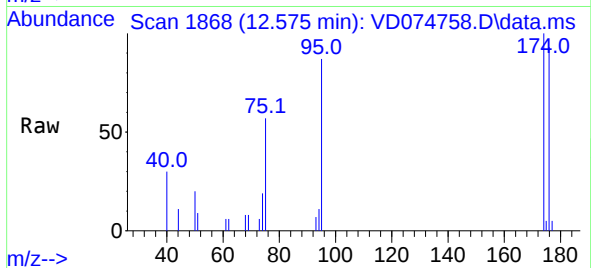




#76
1,2,3-Trichloropropane
Concen: 49.624 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074758.D
Acq: 07 Nov 2022 13:45

Instrument :
MSVOA_D
ClientSampleId :
TP-ORE

Tgt Ion: 75 Resp: 2417
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.796 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074758.D
Acq: 07 Nov 2022 13:45

Tgt Ion: 75 Resp: 2417
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

