

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011167.D
 Acq On : 28 Oct 2022 19:11
 Operator : KP/MD
 Sample : N5331-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROLLOFF-RB21502

Quant Time: Oct 28 23:47:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

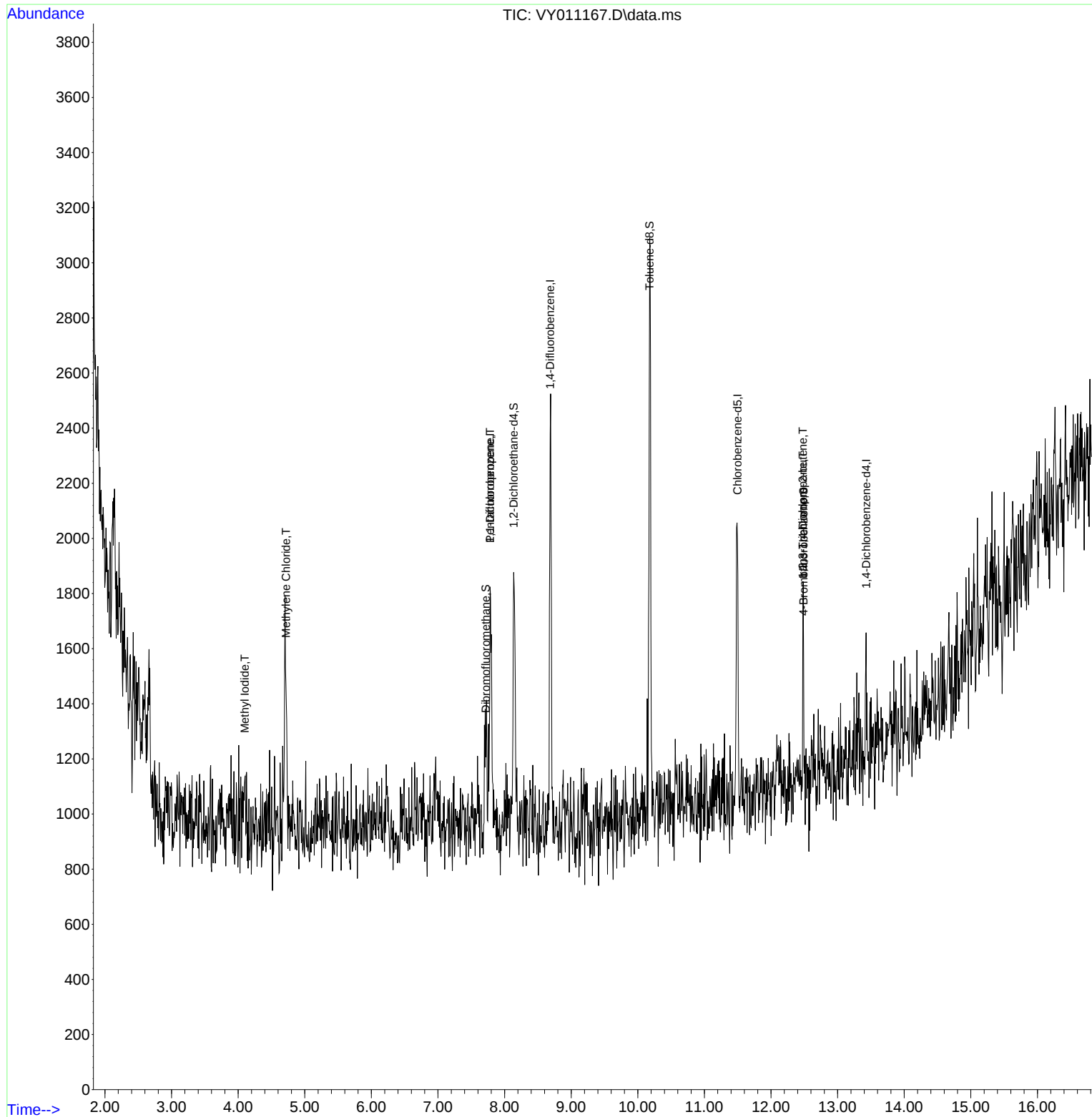
Internal Standards						
1) Pentafluorobenzene	7.783	168	1101	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	1580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	767	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	784	68.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.740%	
35) Dibromofluoromethane	7.716	113	440	45.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.560%	
50) Toluene-d8	10.179	98	1810	47.021	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.040%	
62) 4-Bromofluorobenzene	12.489	95	161	12.783	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 25.560%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	113	10.495	ug/l	# 35
20) Methylene Chloride	4.716	84	239	16.226	ug/l	# 63
36) 1,1-Dichloropropene	7.783	75	25	1.974	ug/l	# 42
76) 1,2,3-Trichloropropane	12.477	75	70	59.060	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	70	125.425	ug/l	# 7

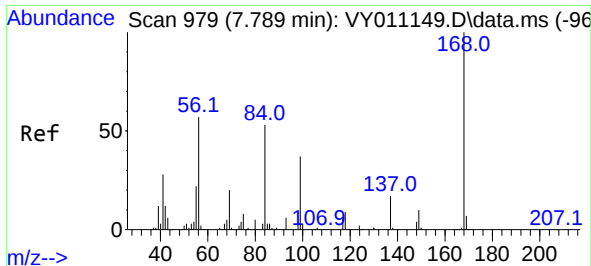
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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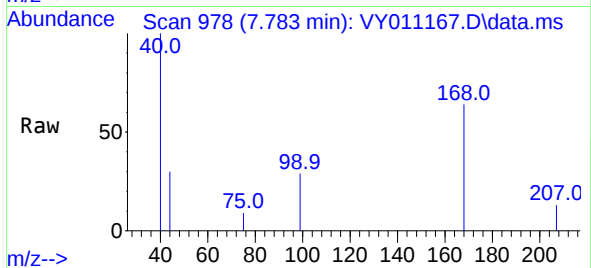
Quant Time: Oct 28 23:47:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
Response via : Initial Calibration



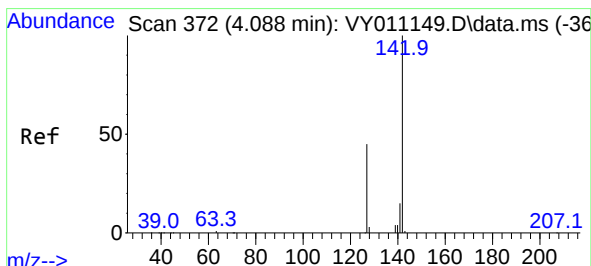
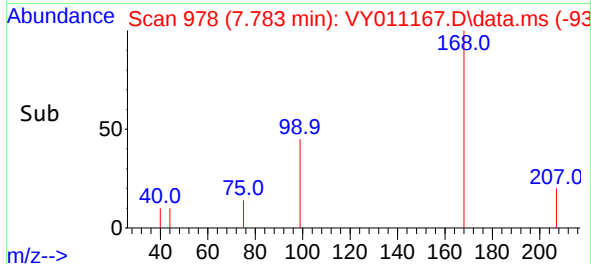
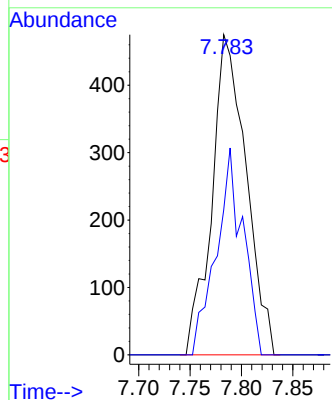


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011167.D
Acq: 28 Oct 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

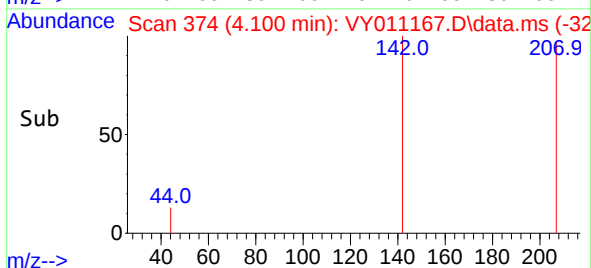
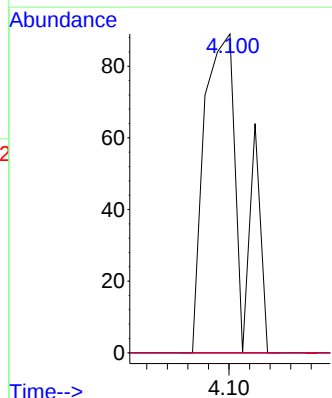
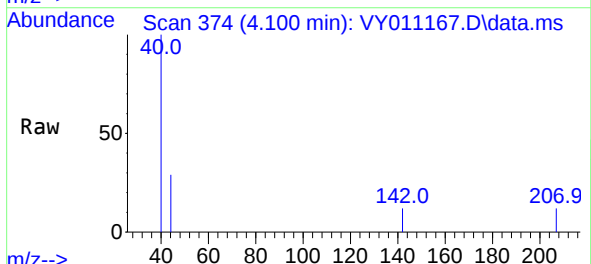


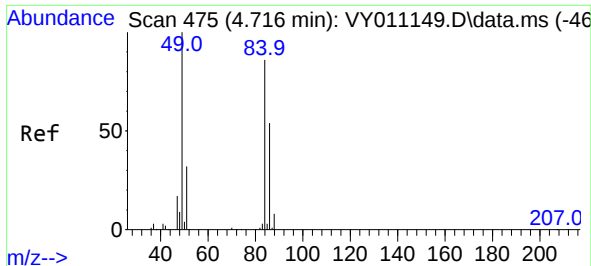
Tgt Ion:168 Resp: 1101
Ion Ratio Lower Upper
168 100
99 45.3 46.9 70.3#



#10
Methyl Iodide
Concen: 10.495 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY011167.D
Acq: 28 Oct 2022 19:11

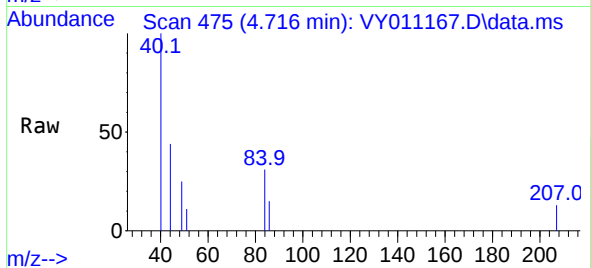
Tgt Ion:142 Resp: 113
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



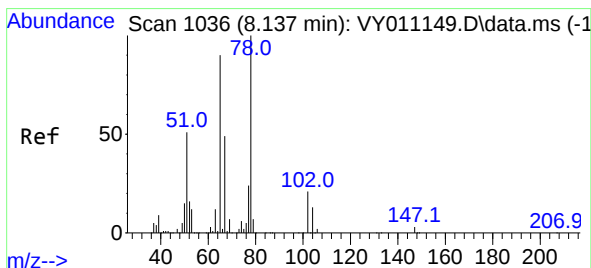
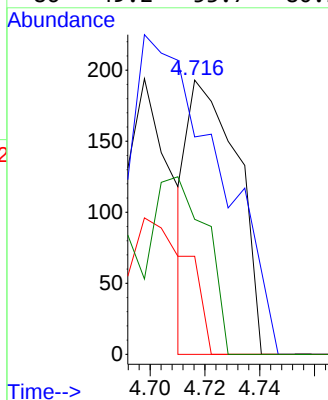
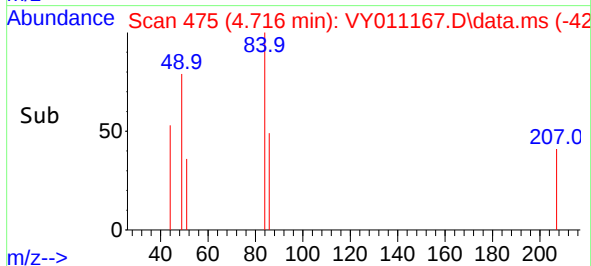


#20
Methylene Chloride
Concen: 16.226 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011167.D
Acq: 28 Oct 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

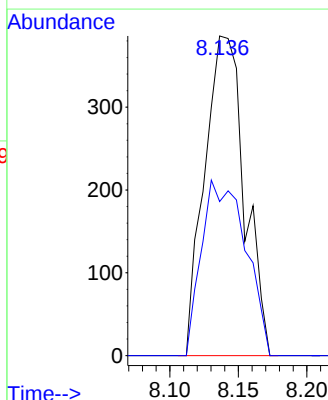
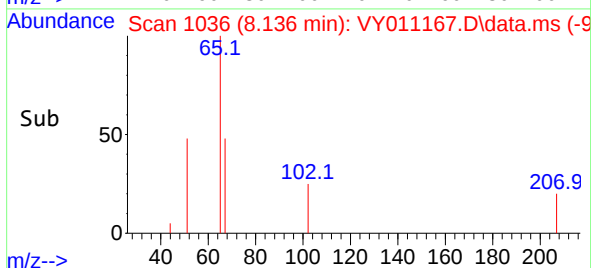
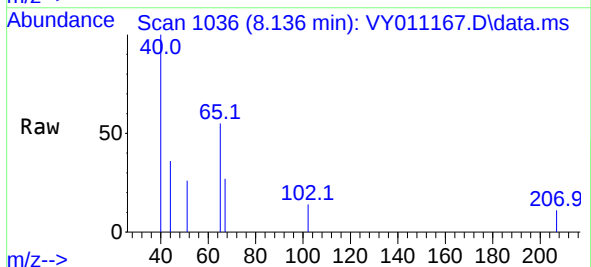


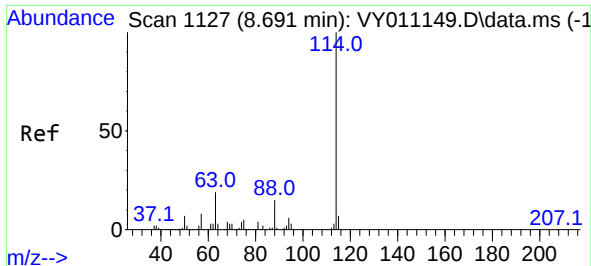
Tgt Ion: 84 Resp: 239
Ion Ratio Lower Upper
84 100
49 79.3 114.4 171.6#
51 35.8 35.3 52.9
86 49.2 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 68.865 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY011167.D
Acq: 28 Oct 2022 19:11

Tgt Ion: 65 Resp: 784
Ion Ratio Lower Upper
65 100
67 60.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY011167.D

Acq: 28 Oct 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

ROLLOFF-RB21502

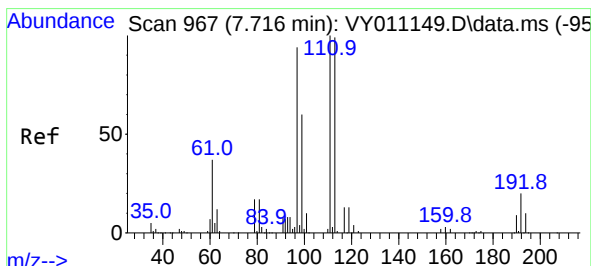
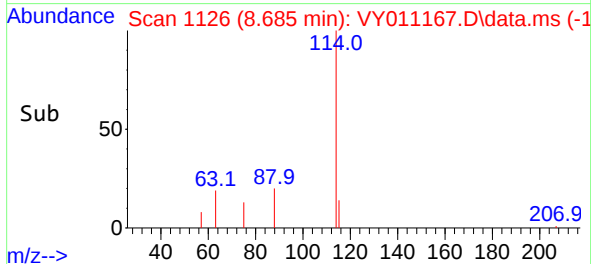
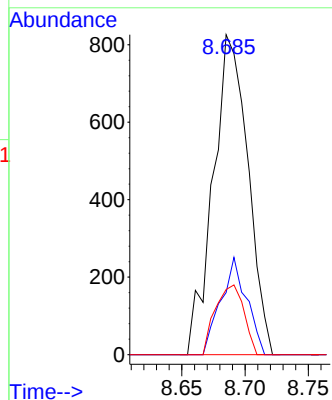
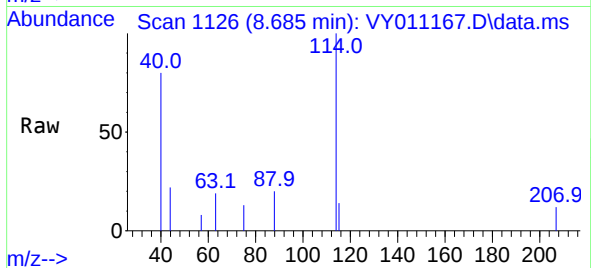
Tgt Ion:114 Resp: 1580

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 20.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.284 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011167.D

Acq: 28 Oct 2022 19:11

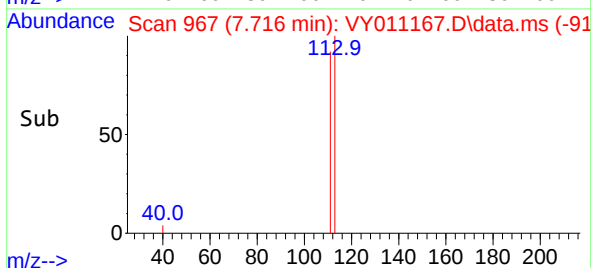
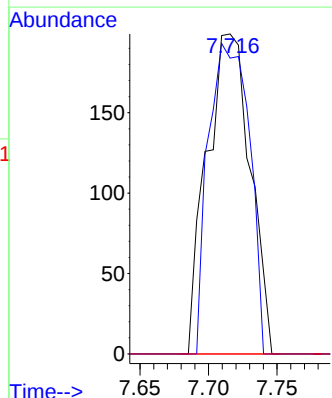
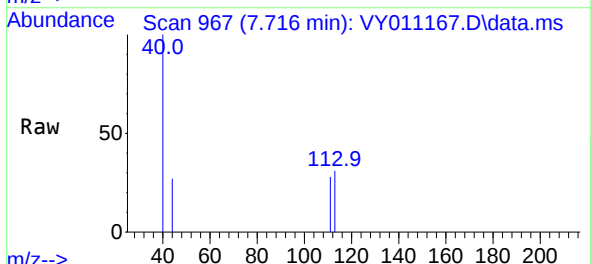
Tgt Ion:113 Resp: 440

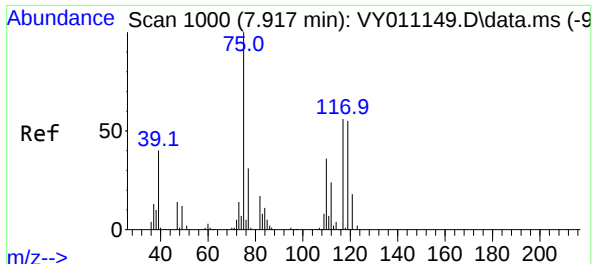
Ion Ratio Lower Upper

113 100

111 90.9 82.6 124.0

192 0.0 17.6 26.4#

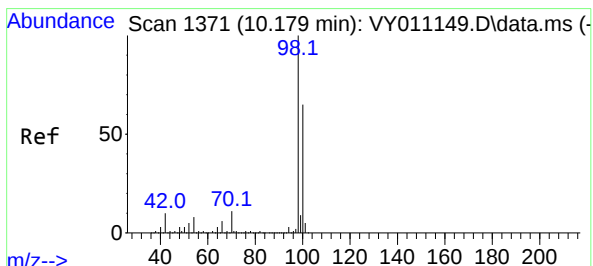
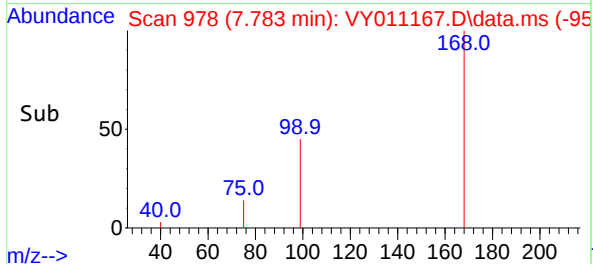
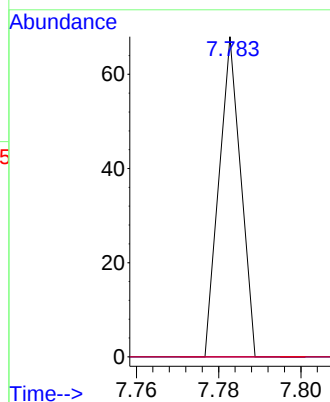
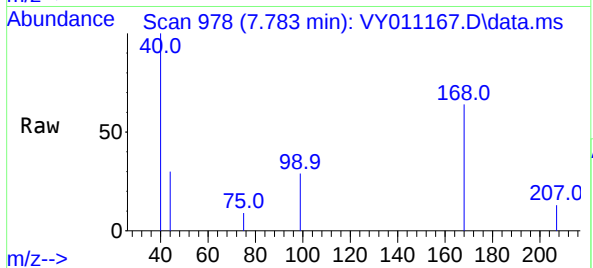




#36
1,1-Dichloropropene
Concen: 1.974 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011167.D
Acq: 28 Oct 2022 19:11

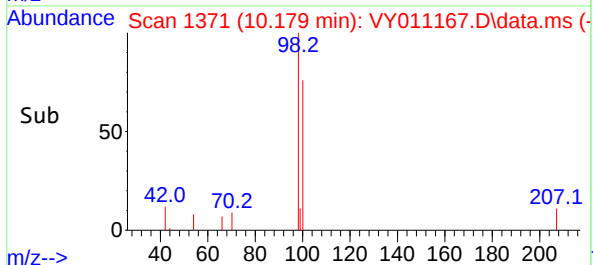
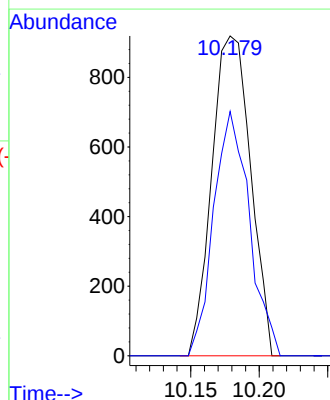
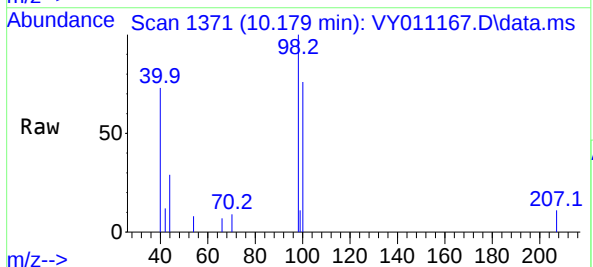
Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502

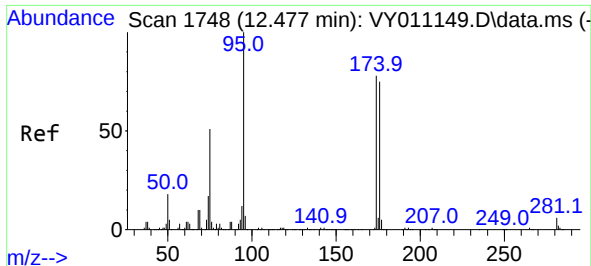
Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.021 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011167.D
Acq: 28 Oct 2022 19:11

Tgt Ion: 98 Resp: 1810
Ion Ratio Lower Upper
98 100
100 70.2 50.2 75.2

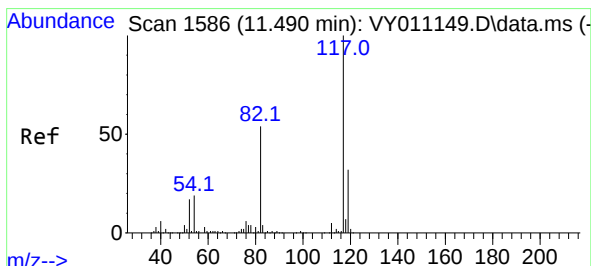
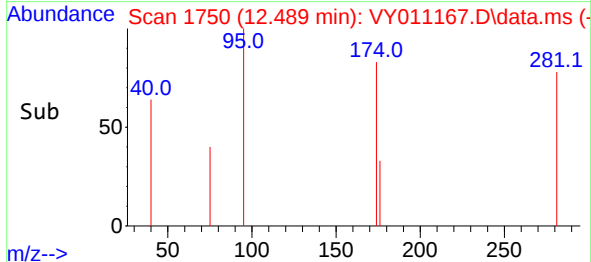
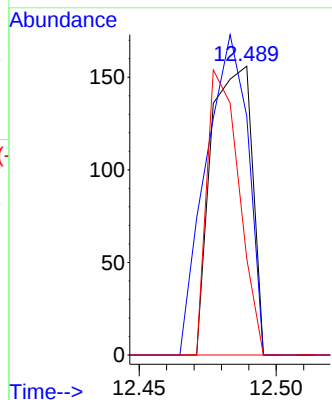
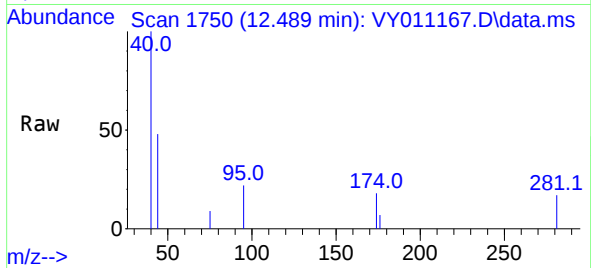




#62
4-Bromofluorobenzene
Concen: 12.783 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011167.D
Acq: 28 Oct 2022 19:11

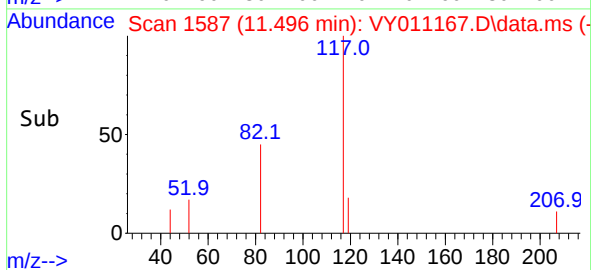
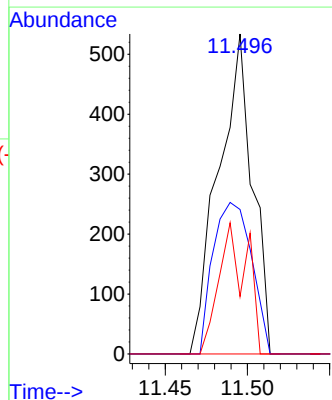
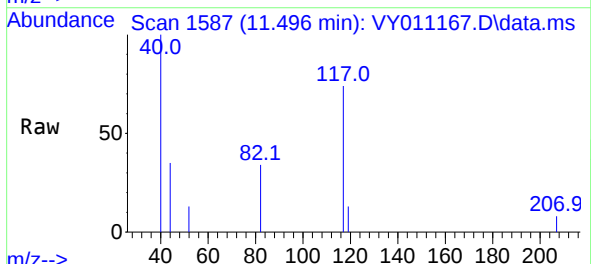
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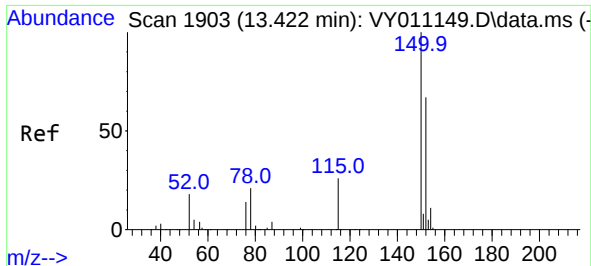
Tgt Ion: 95 Resp: 161
Ion Ratio Lower Upper
95 100
174 114.3 0.0 177.0
176 77.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.005 min
Lab File: VY011167.D
Acq: 28 Oct 2022 19:11

Tgt Ion: 117 Resp: 767
Ion Ratio Lower Upper
117 100
82 45.1 43.0 64.4
119 18.0 25.4 38.0#

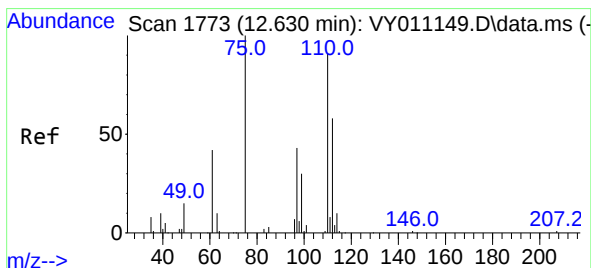
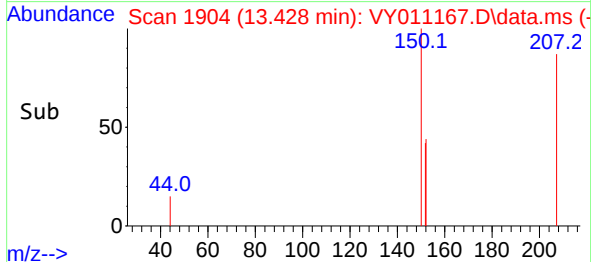
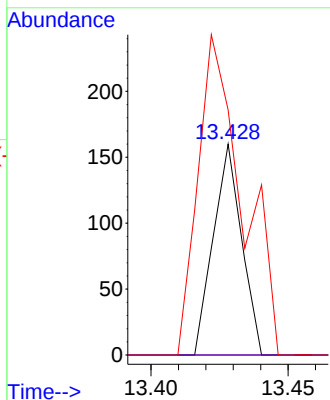
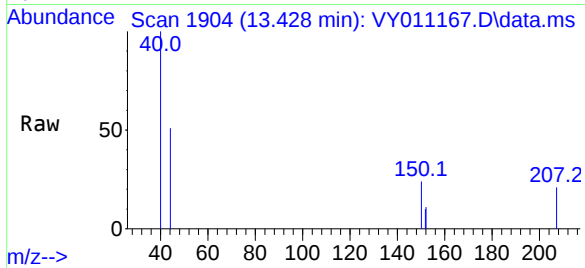




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY011167.D
Acq: 28 Oct 2022 19:11

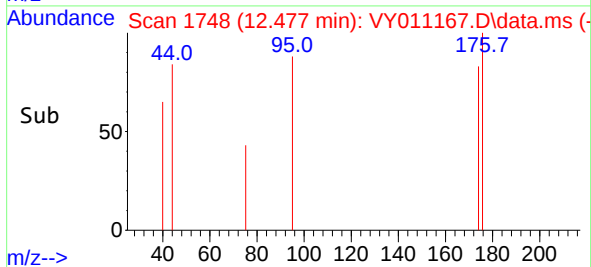
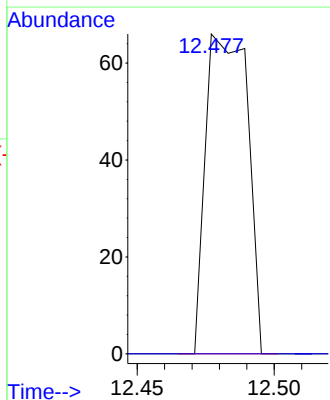
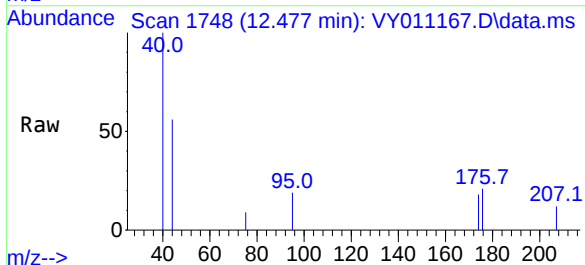
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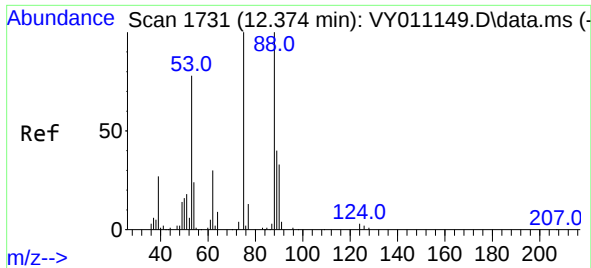
Tgt Ion:152 Resp: 114
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 240.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 59.060 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011167.D
Acq: 28 Oct 2022 19:11

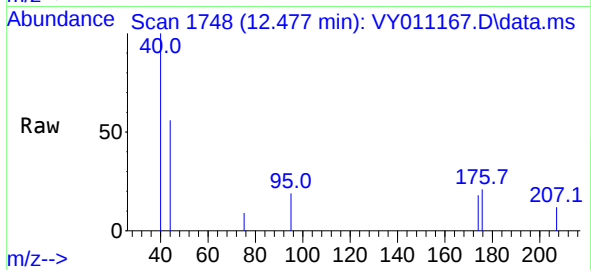
Tgt Ion: 75 Resp: 70
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 125.425 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011167.D
Acq: 28 Oct 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
ROLLOFF-RB21502



Tgt Ion: 75 Resp: 70
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

