

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012049.D
 Acq On : 03 Jan 2023 16:08
 Operator : KP/MD
 Sample : N6235-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-122922

Quant Time: Jan 04 01:19:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

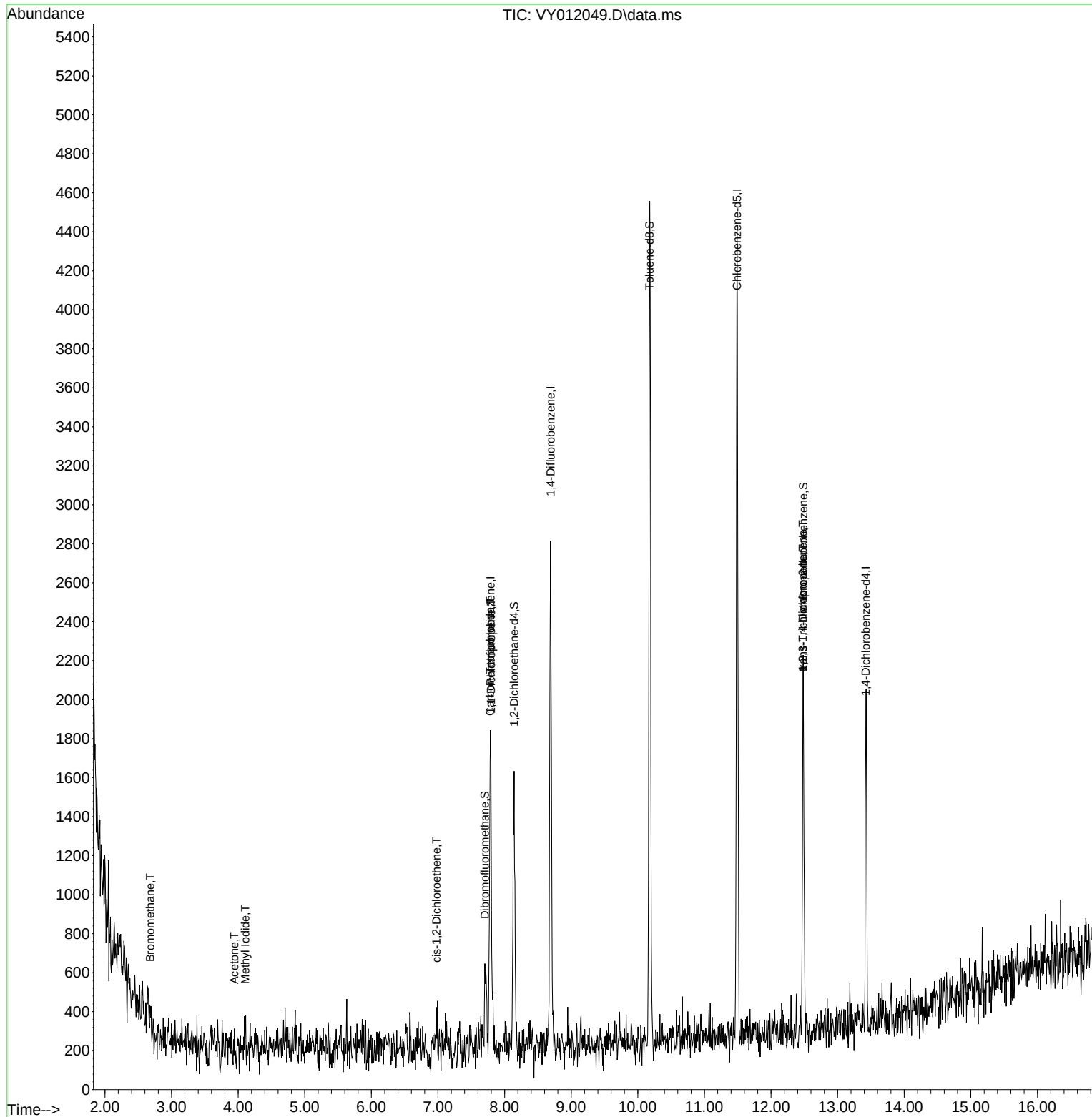
Internal Standards						
1) Pentafluorobenzene	7.789	168	1614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1252	76.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.000%	
35) Dibromofluoromethane	7.703	113	346	19.791	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 39.580%#	
50) Toluene-d8	10.178	98	3490	49.202	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.400%	
62) 4-Bromofluorobenzene	12.483	95	800	33.535	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 67.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.680	94	24	2.129	ug/l #	1
10) Methyl Iodide	4.106	142	178	8.427	ug/l #	38
16) Acetone	3.942	43	22	9.318	ug/l #	40
27) cis-1,2-Dichloroethene	6.978	96	41	2.185	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	40	1.426	ug/l #	41
38) Carbon Tetrachloride	7.782	117	81	2.501	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	444	60.070	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	444	164.503	ug/l #	13

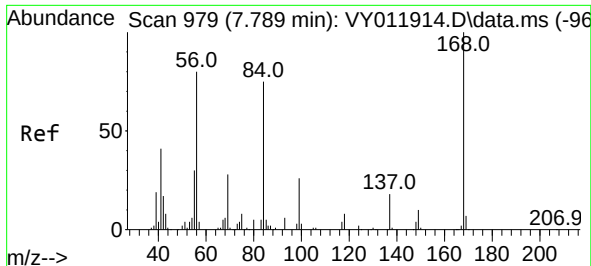
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
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OR-2-122922

Quant Time: Jan 04 01:19:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

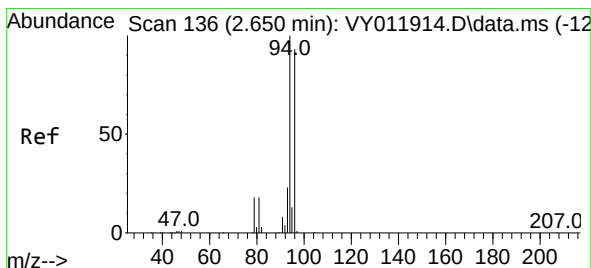
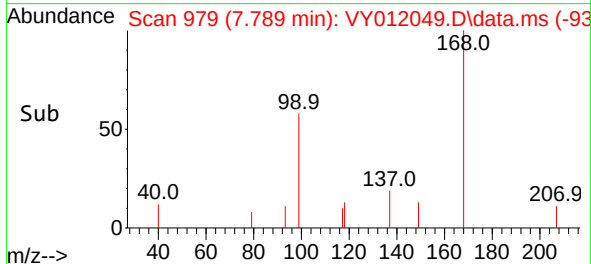
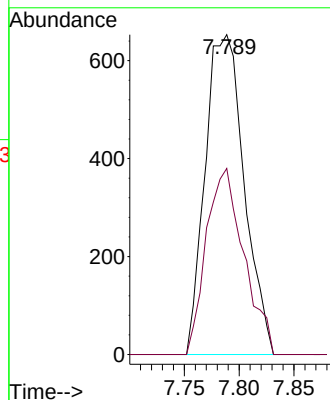
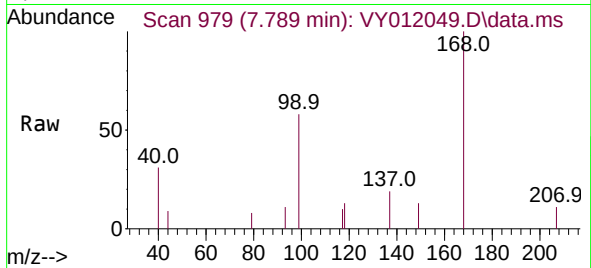




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

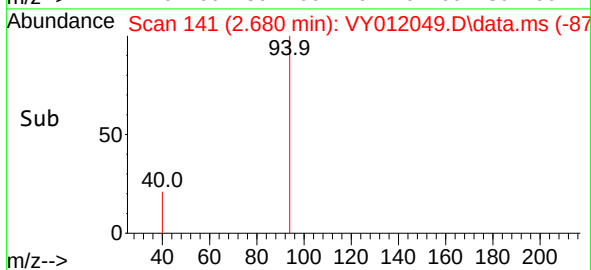
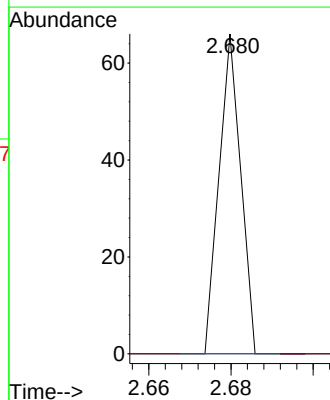
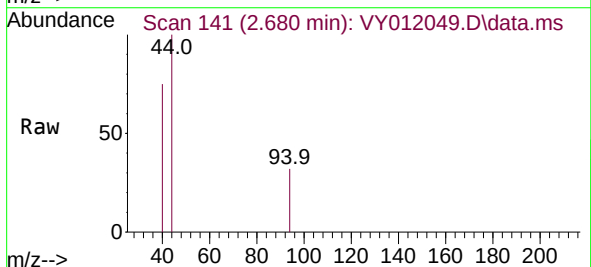
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-122922

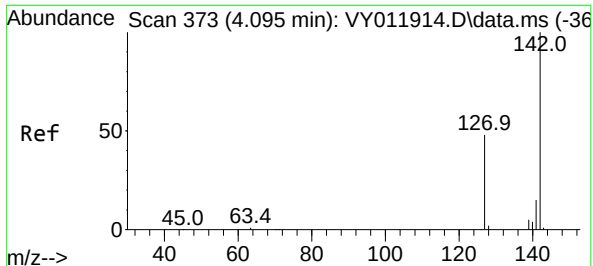
Tgt Ion:168 Resp: 1614
Ion Ratio Lower Upper
168 100
99 58.2 44.0 66.0



#5
Bromomethane
Concen: 2.129 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.030 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

Tgt Ion: 94 Resp: 24
Ion Ratio Lower Upper
94 100
96 0.0 77.4 116.2#





#10

Methyl Iodide

Concen: 8.427 ug/l

RT: 4.106 min Scan# 31

Delta R.T. 0.011 min

Lab File: VY012049.D

Acq: 03 Jan 2023 16:08

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-122922

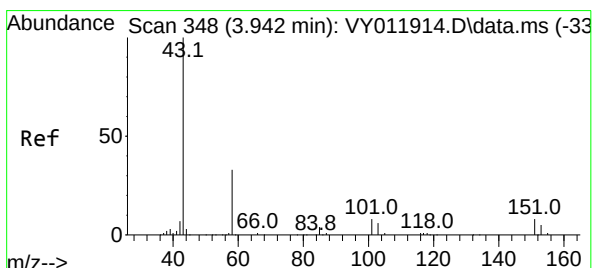
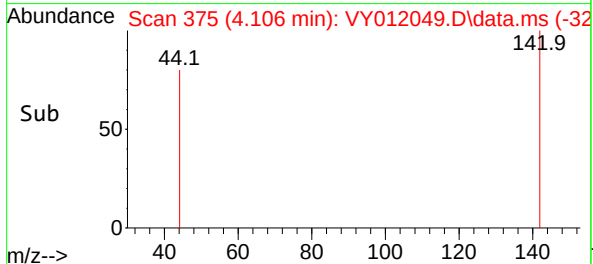
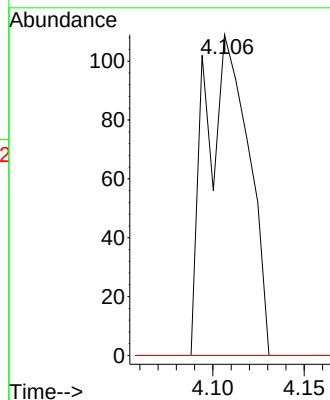
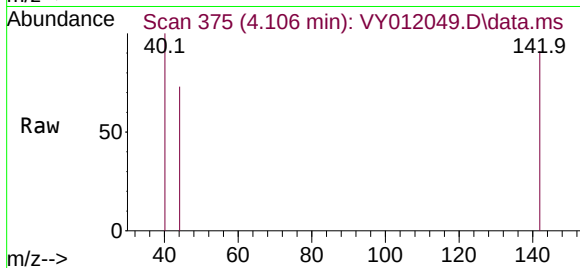
Tgt Ion:142 Resp: 178

Ion Ratio Lower Upper

142 100

127 0.0 37.0 55.4#

141 0.0 11.4 17.0#



#16

Acetone

Concen: 9.318 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012049.D

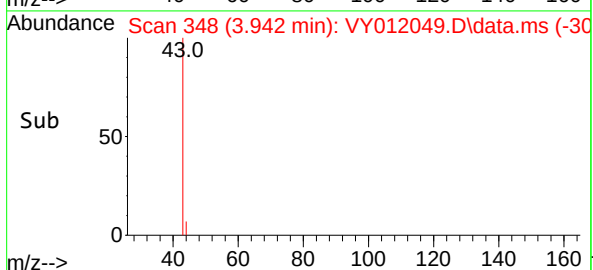
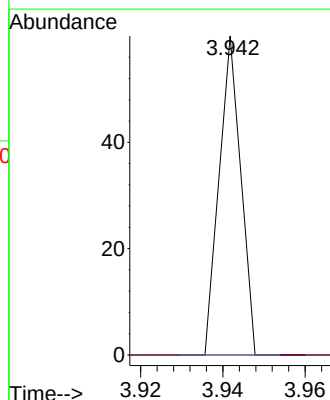
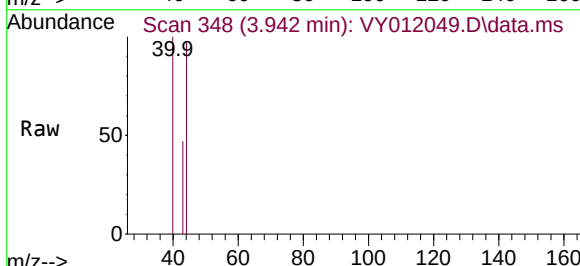
Acq: 03 Jan 2023 16:08

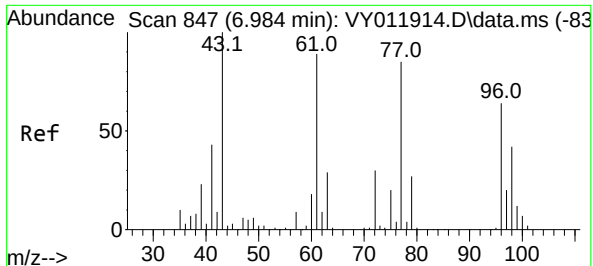
Tgt Ion: 43 Resp: 22

Ion Ratio Lower Upper

43 100

58 0.0 27.9 41.9#





#27

cis-1,2-Dichloroethene

Concen: 2.185 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012049.D

Acq: 03 Jan 2023 16:08

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-122922

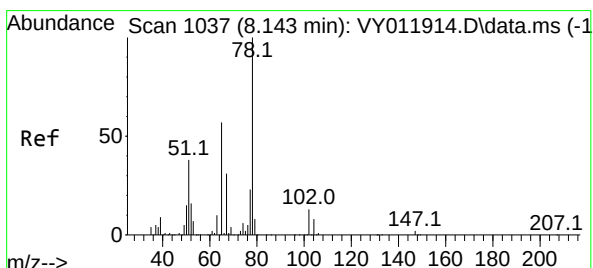
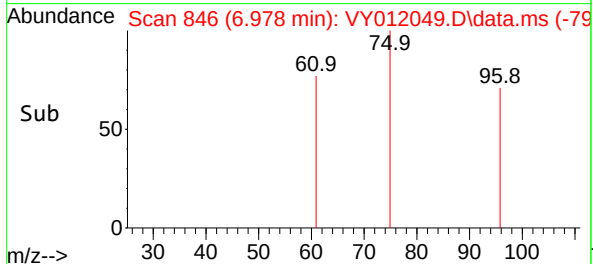
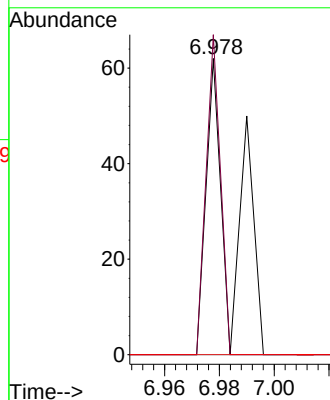
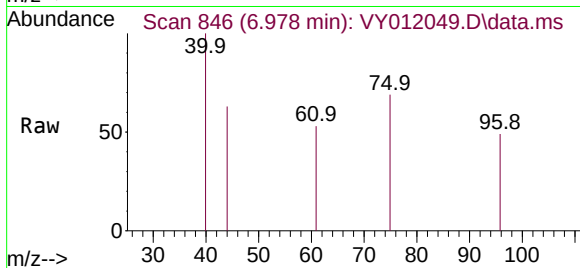
Tgt Ion: 96 Resp: 41

Ion Ratio Lower Upper

96 100

61 61.0 0.0 283.4

98 0.0 0.0 127.6



#33

1,2-Dichloroethane-d4

Concen: 76.995 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012049.D

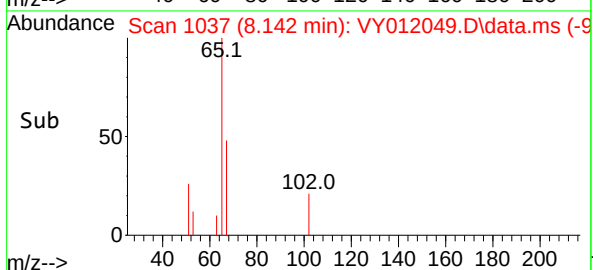
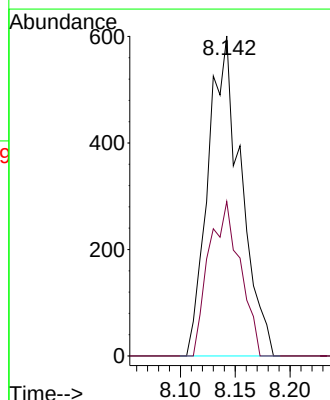
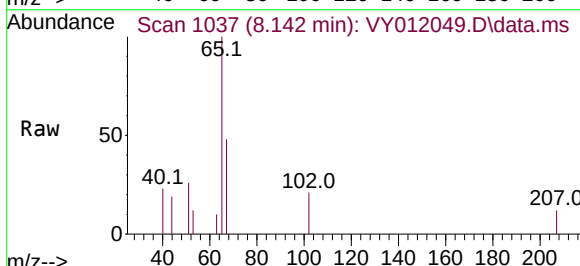
Acq: 03 Jan 2023 16:08

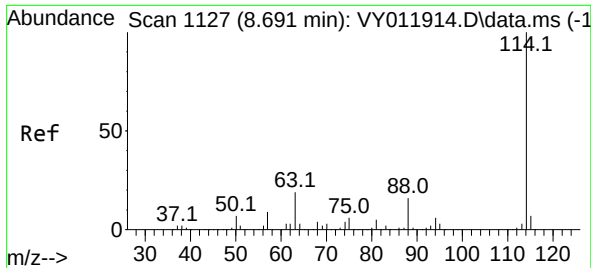
Tgt Ion: 65 Resp: 1252

Ion Ratio Lower Upper

65 100

67 46.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012049.D

Acq: 03 Jan 2023 16:08

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-122922

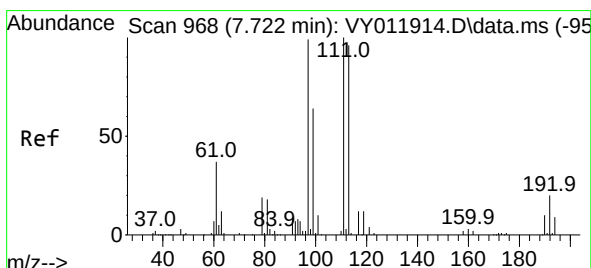
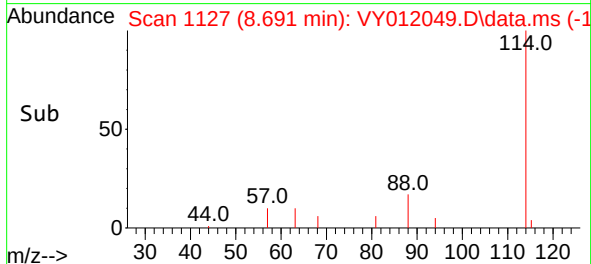
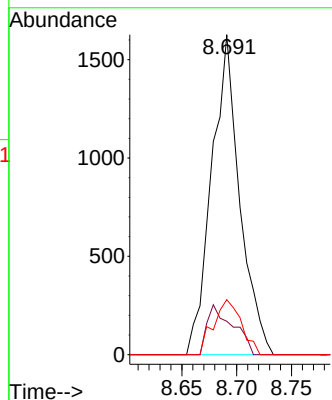
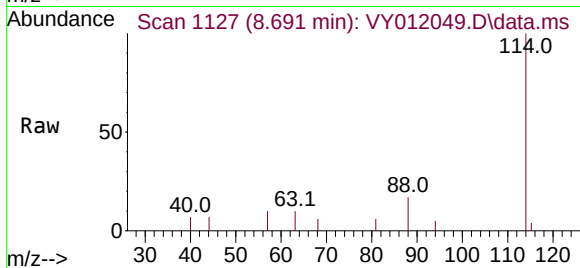
Tgt Ion:114 Resp: 2904

Ion Ratio Lower Upper

114 100

63 10.4 0.0 39.6

88 17.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 19.791 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.013 min

Lab File: VY012049.D

Acq: 03 Jan 2023 16:08

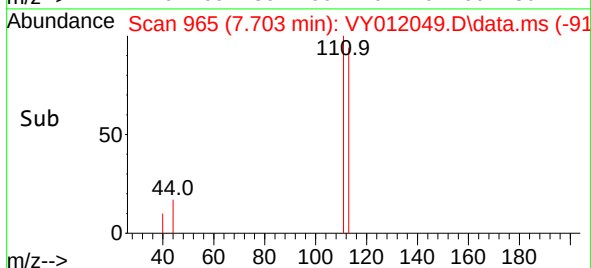
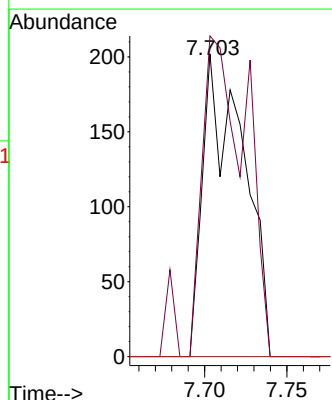
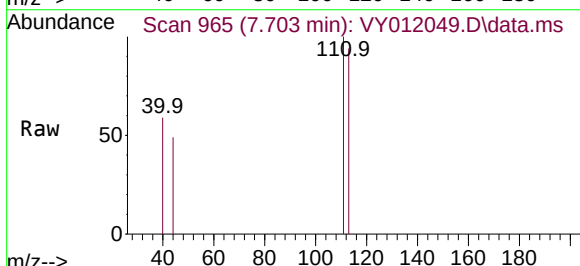
Tgt Ion:113 Resp: 346

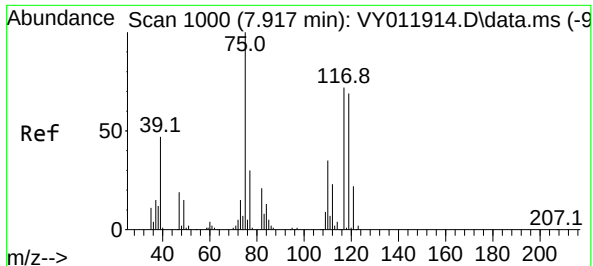
Ion Ratio Lower Upper

113 100

111 113.6 83.0 124.4

192 0.0 16.0 24.0#





#36

1,1-Dichloropropene

Concen: 1.426 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY012049.D

Acq: 03 Jan 2023 16:08

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-122922

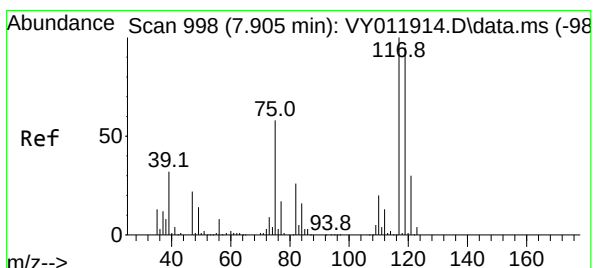
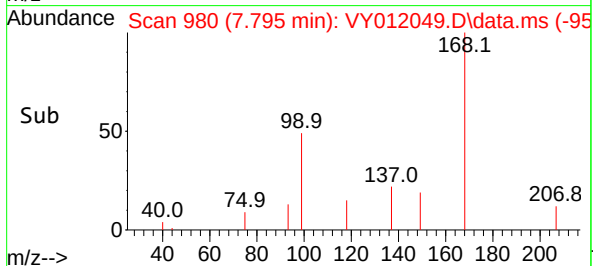
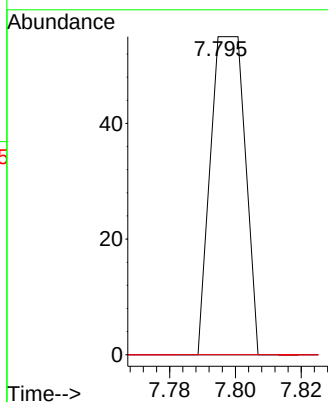
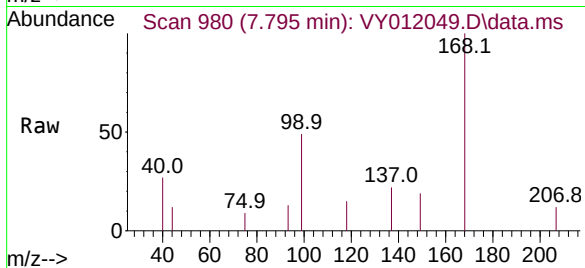
Tgt Ion: 75 Resp: 40

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 2.501 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.122 min

Lab File: VY012049.D

Acq: 03 Jan 2023 16:08

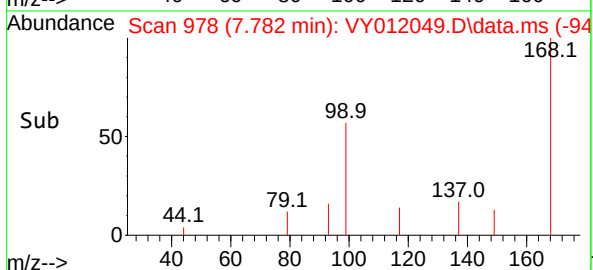
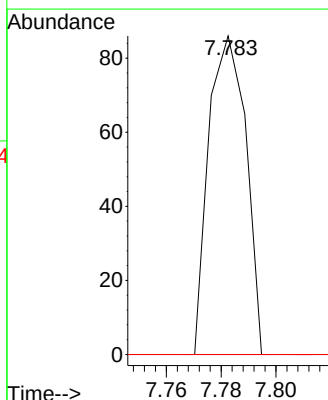
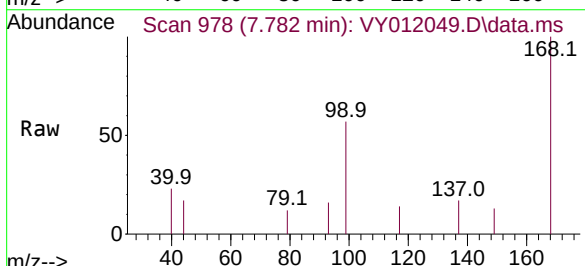
Tgt Ion: 117 Resp: 81

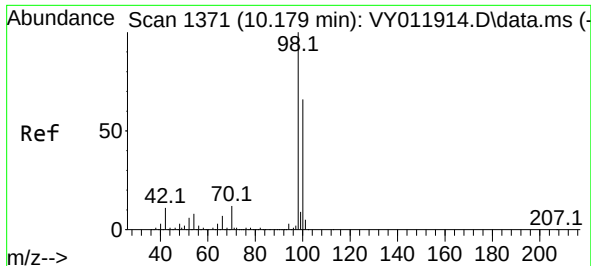
Ion Ratio Lower Upper

117 100

119 0.0 73.8 110.8#

121 0.0 25.2 37.8#

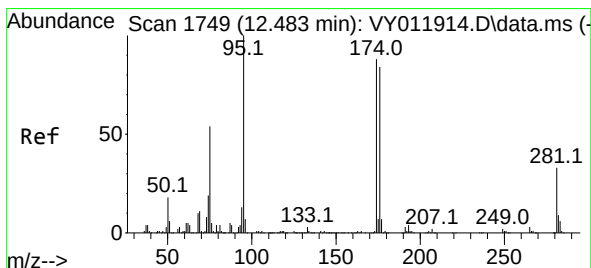
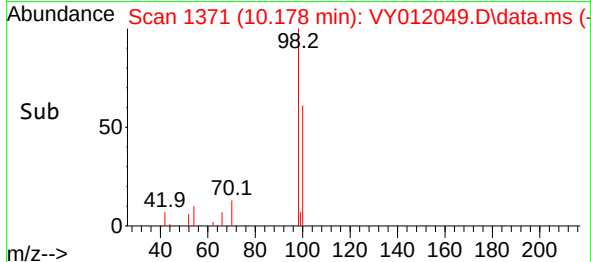
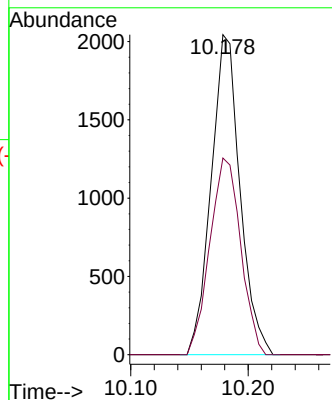
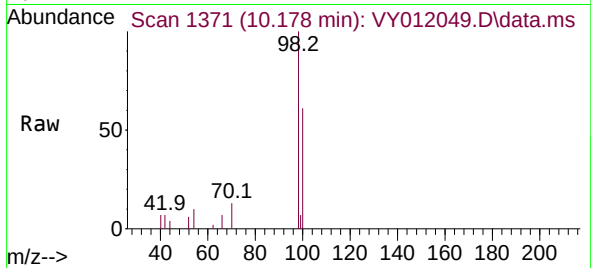




#50
Toluene-d8
Concen: 49.202 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

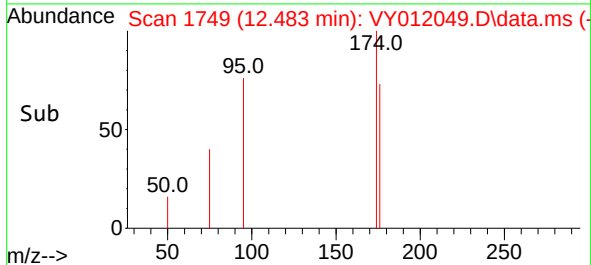
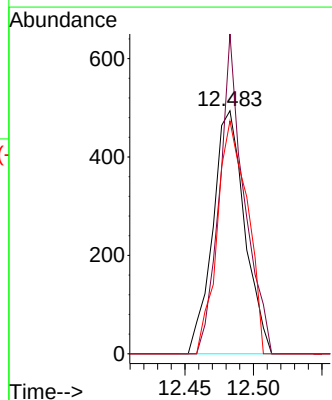
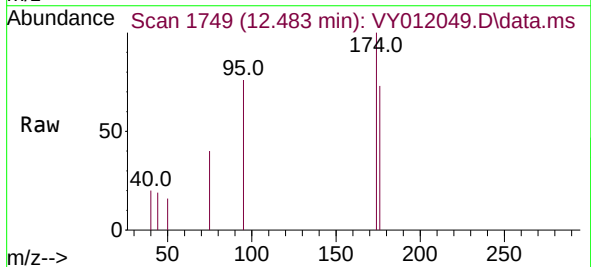
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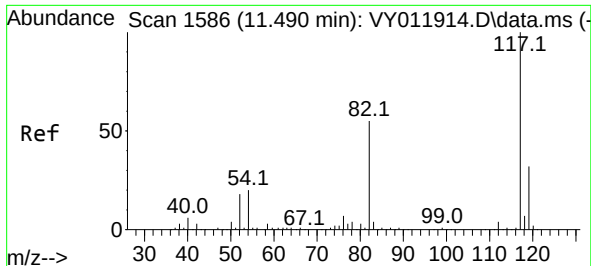
Tgt Ion: 98 Resp: 3490
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 33.535 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

Tgt Ion: 95 Resp: 800
Ion Ratio Lower Upper
95 100
174 101.4 0.0 172.0
176 90.5 0.0 167.6

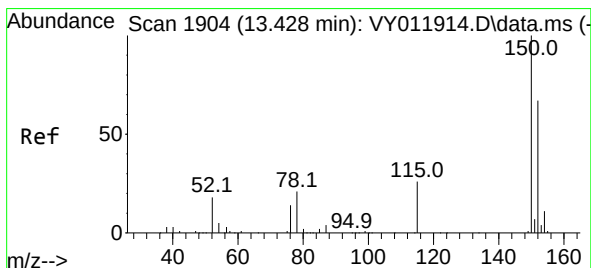
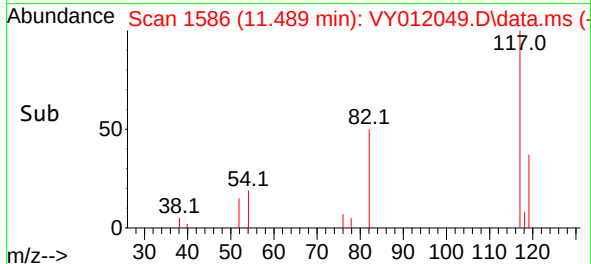
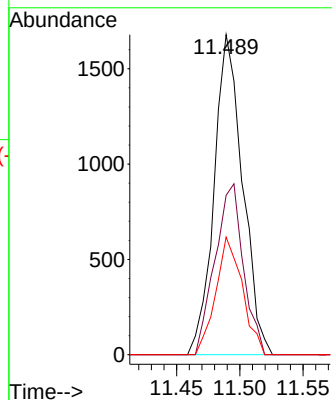
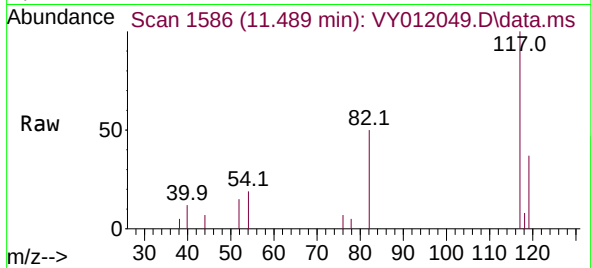




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

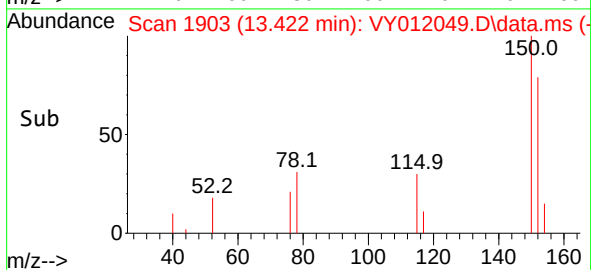
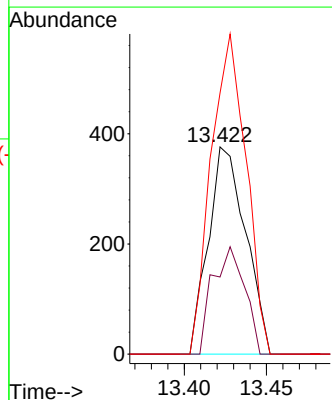
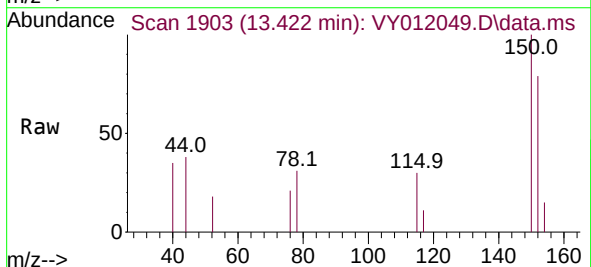
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-122922

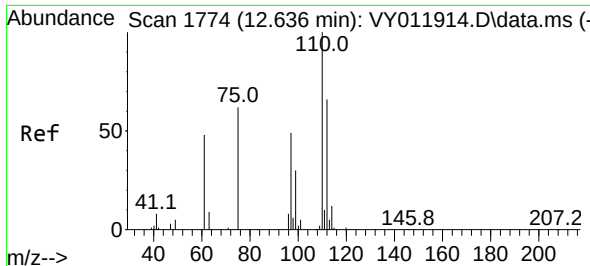
Tgt Ion:117 Resp: 2632
Ion Ratio Lower Upper
117 100
82 49.8 44.8 67.2
119 36.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

Tgt Ion:152 Resp: 594
Ion Ratio Lower Upper
152 100
115 44.3 29.1 87.3
150 145.3 0.0 342.6

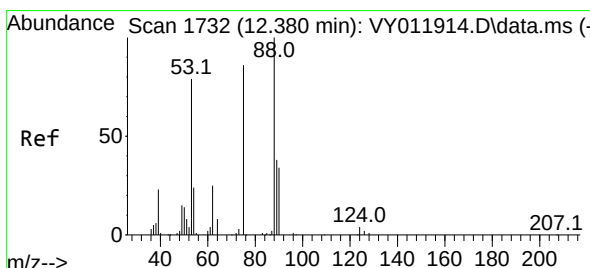
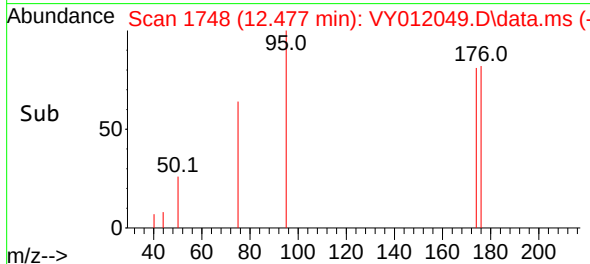
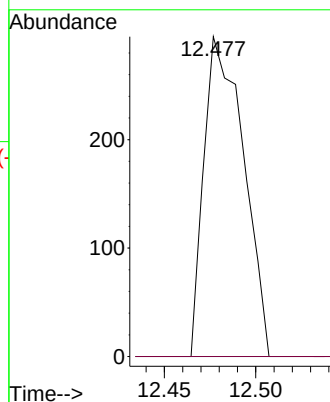
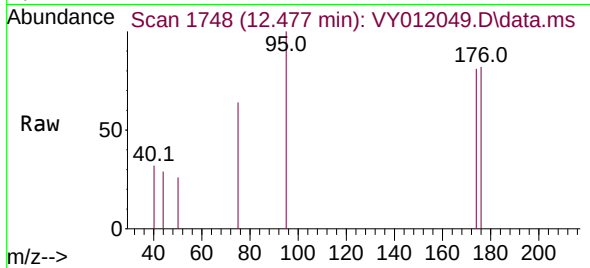




#76
1,2,3-Trichloropropane
Concen: 60.070 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

Instrument :
MSVOA_Y
ClientSampleId :
OR-2-122922

Tgt Ion: 75 Resp: 444
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 164.503 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY012049.D
Acq: 03 Jan 2023 16:08

Tgt Ion: 75 Resp: 444
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

