

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020534.D
 Acq On : 06 Dec 2024 14:20
 Operator : SY/MD
 Sample : P5105-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 03:25:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

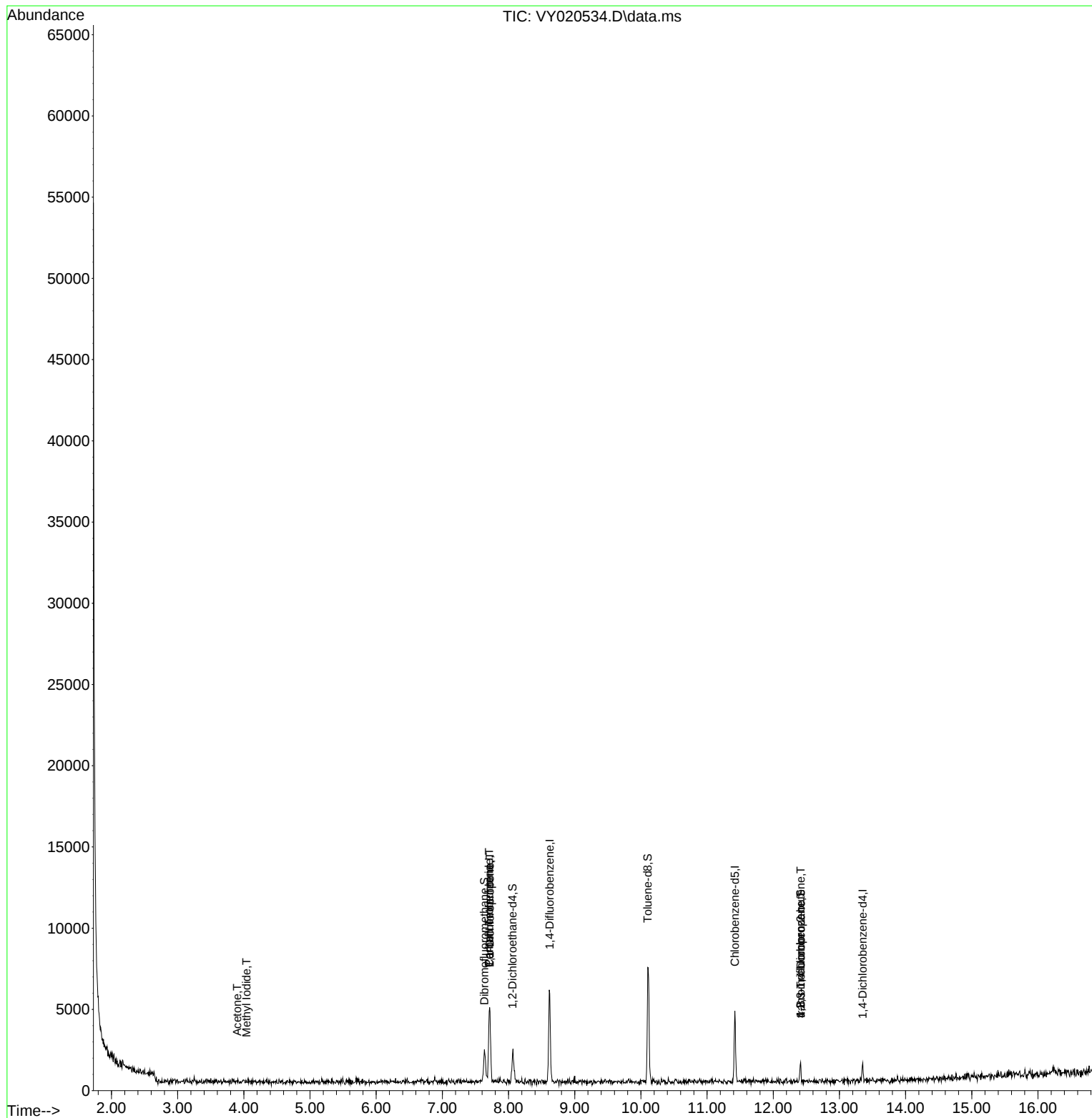
Internal Standards						
1) Pentafluorobenzene	7.707	168	4007	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.622	114	5274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1631	40.023	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.040%
35) Dibromofluoromethane	7.634	113	1538	46.322	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.640%
50) Toluene-d8	10.103	98	5319	42.071	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.140%
62) 4-Bromofluorobenzene	12.414	95	454	10.267	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	20.540%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.037	142	54	1.092	ug/l #	37
16) Acetone	3.897	43	23	2.270	ug/l #	43
36) 1,1-Dichloropropene	7.719	75	132	2.354	ug/l #	43
38) Carbon Tetrachloride	7.707	117	381	5.693	ug/l #	11
76) 1,2,3-Trichloropropane	12.414	75	248	72.456	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	248	148.668	ug/l #	9

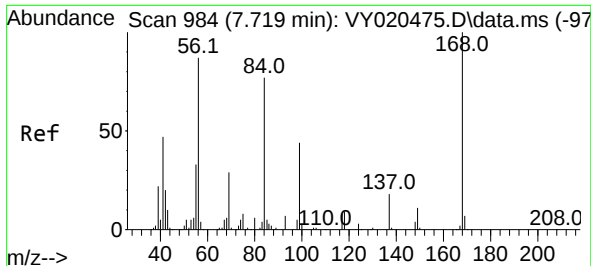
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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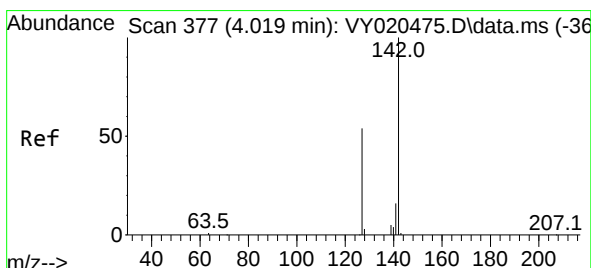
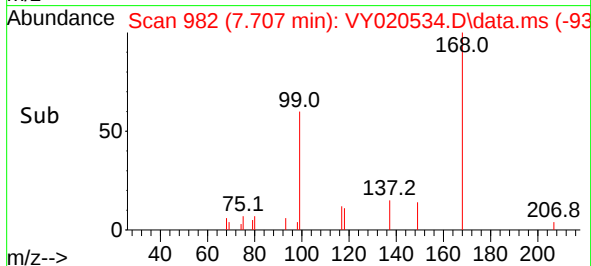
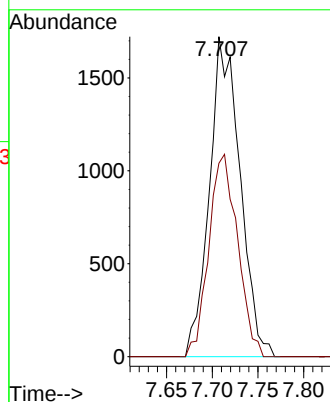
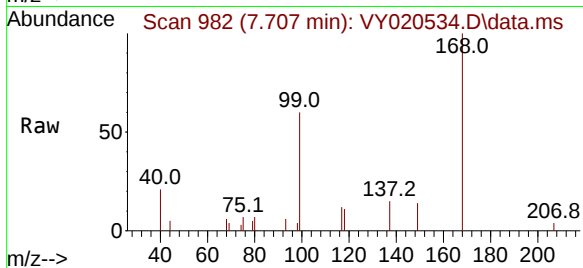




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020534.D
Acq: 06 Dec 2024 14:20

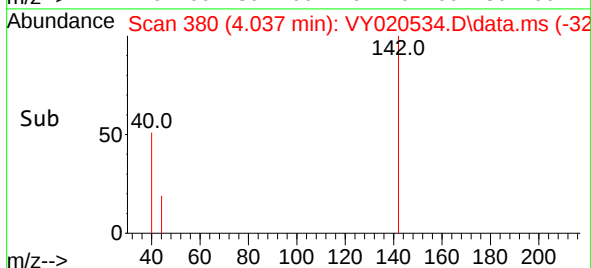
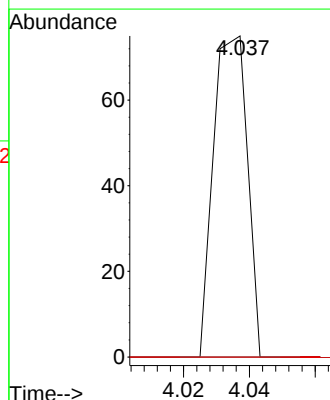
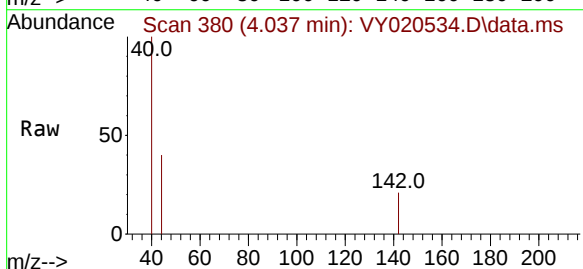
Instrument :
MSVOA_Y
ClientSampleId :

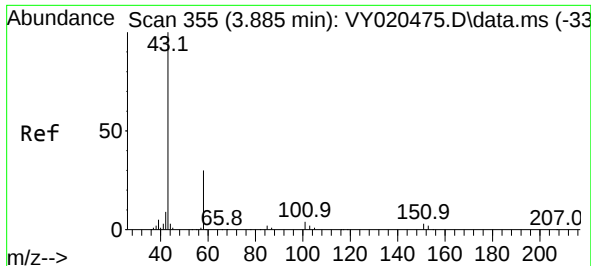
Tgt Ion:168 Resp: 4007
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#10
Methyl Iodide
Concen: 1.092 ug/l
RT: 4.037 min Scan# 380
Delta R.T. 0.018 min
Lab File: VY020534.D
Acq: 06 Dec 2024 14:20

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 38.9 58.3#
141 0.0 11.7 17.5#

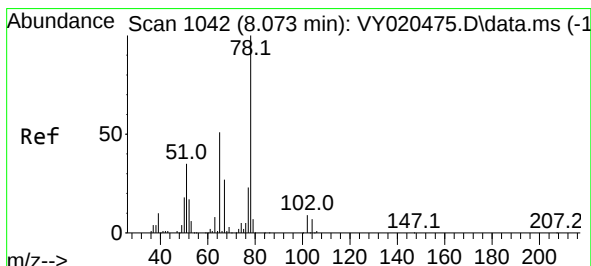
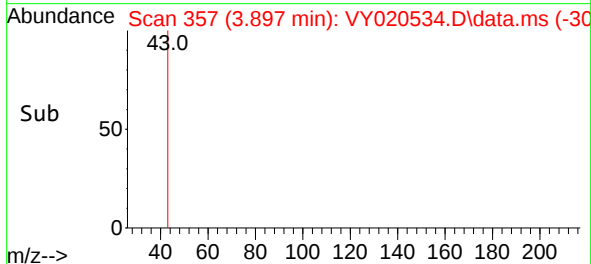
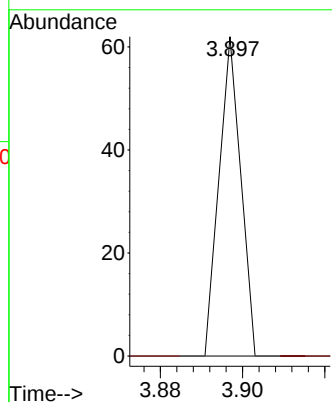
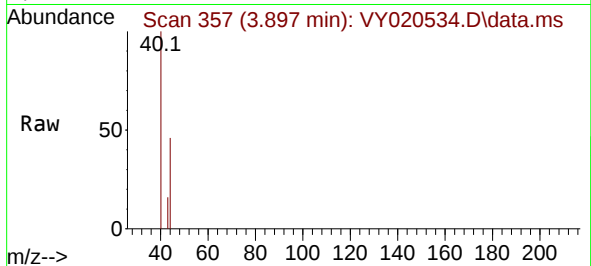




#16
Acetone
Concen: 2.270 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY020534.D
Acq: 06 Dec 2024 14:20

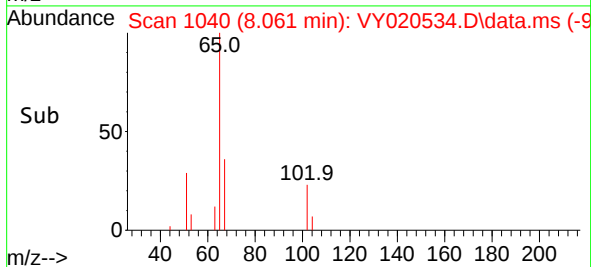
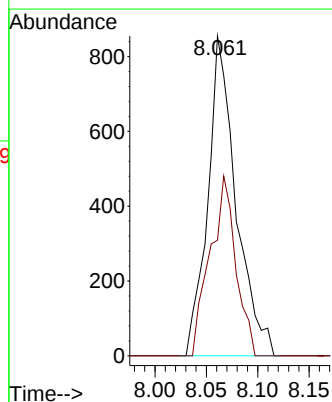
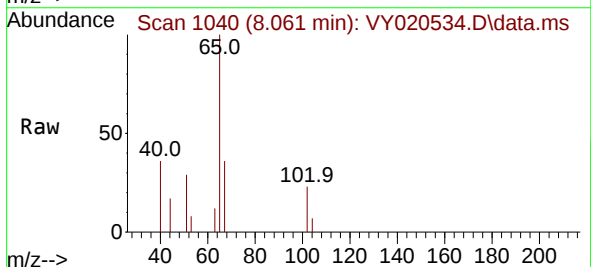
Instrument :
MSVOA_Y
ClientSampleId :

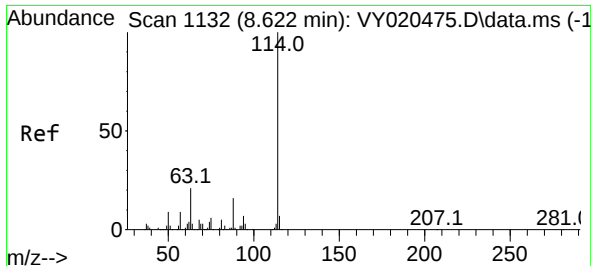
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#33
1,2-Dichloroethane-d4
Concen: 40.023 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020534.D
Acq: 06 Dec 2024 14:20

Tgt Ion: 65 Resp: 1631
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

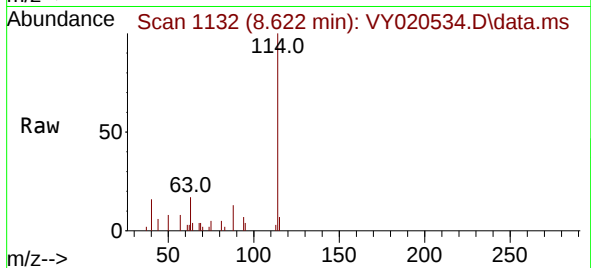
Lab File: VY020534.D

Acq: 06 Dec 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :



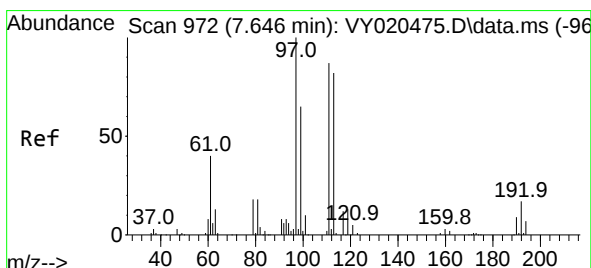
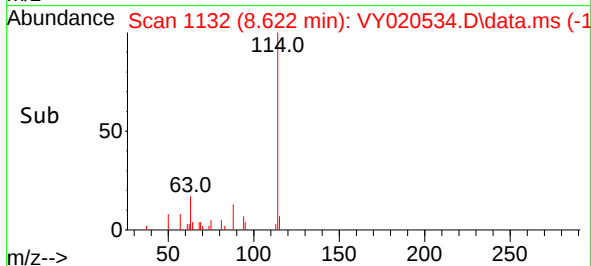
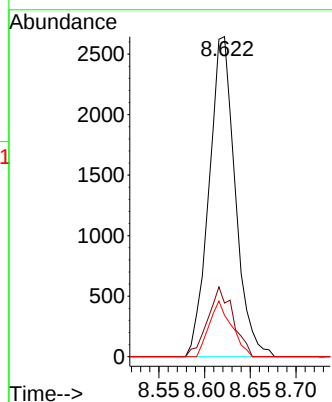
Tgt Ion:114 Resp: 5274

Ion Ratio Lower Upper

114 100

63 16.8 0.0 44.8

88 13.0 0.0 32.0



#35

Dibromofluoromethane

Concen: 46.322 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.012 min

Lab File: VY020534.D

Acq: 06 Dec 2024 14:20

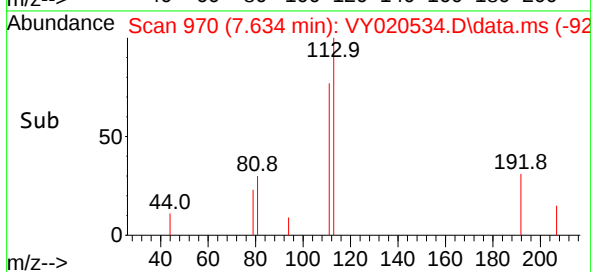
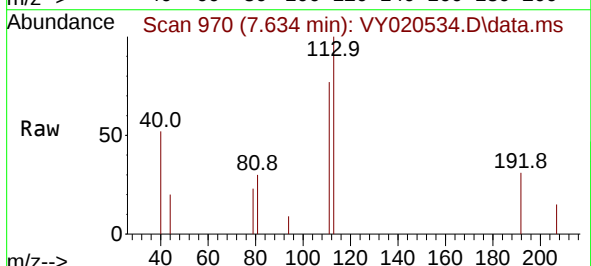
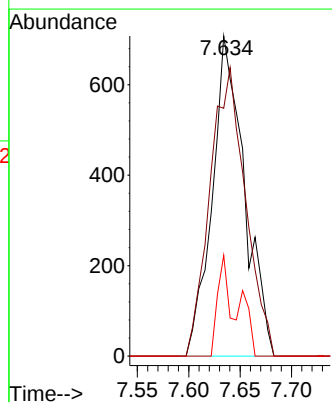
Tgt Ion:113 Resp: 1538

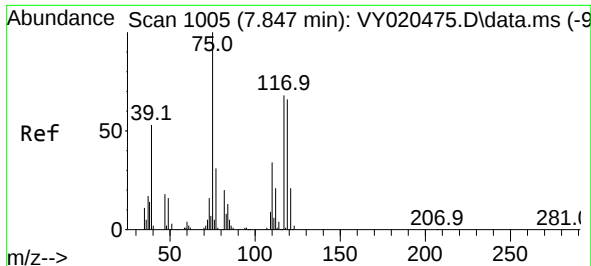
Ion Ratio Lower Upper

113 100

111 99.7 81.4 122.0

192 12.5 15.1 22.7#





#36

1,1-Dichloropropene

Concen: 2.354 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.128 min

Lab File: VY020534.D

Acq: 06 Dec 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

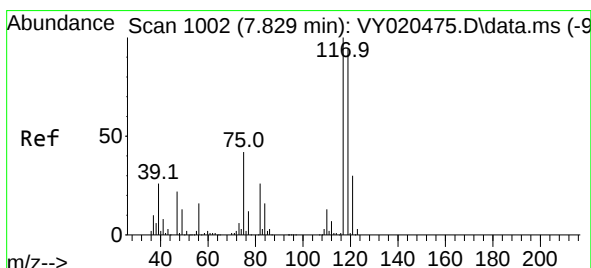
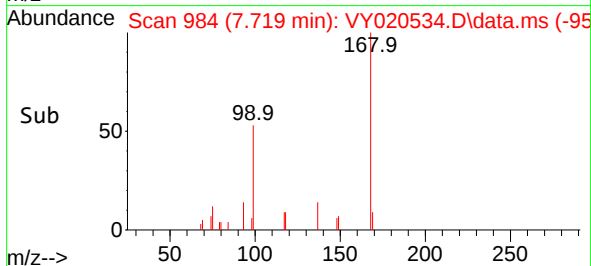
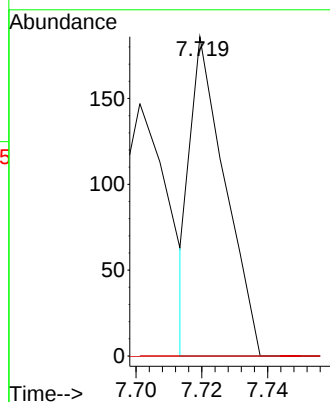
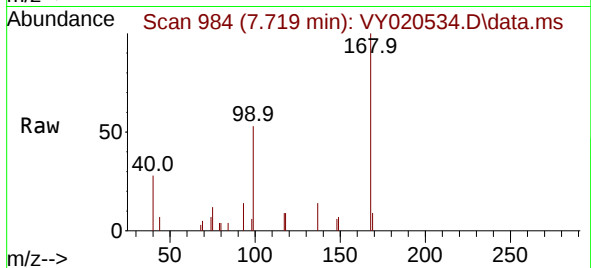
Tgt Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

110 0.0 16.7 50.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.693 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY020534.D

Acq: 06 Dec 2024 14:20

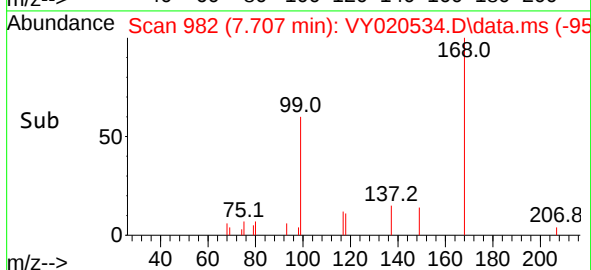
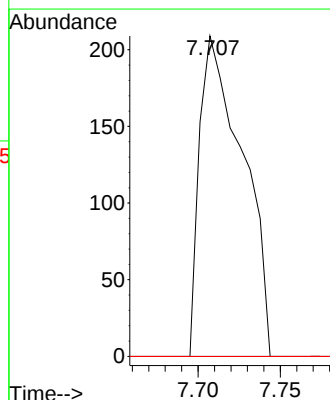
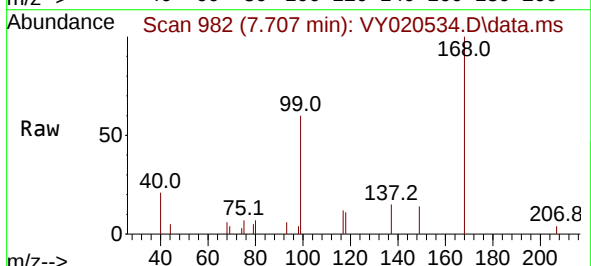
Tgt Ion: 117 Resp: 381

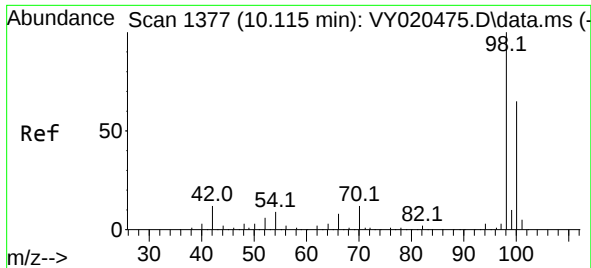
Ion Ratio Lower Upper

117 100

119 0.0 77.8 116.6#

121 0.0 24.6 37.0#

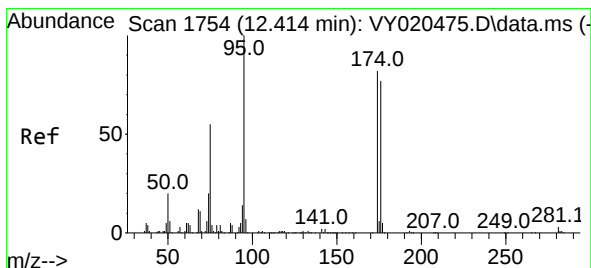
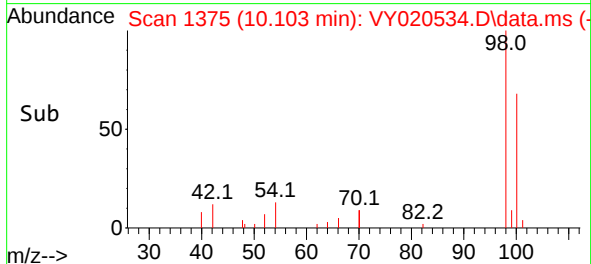
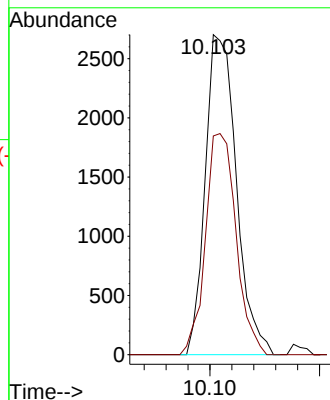
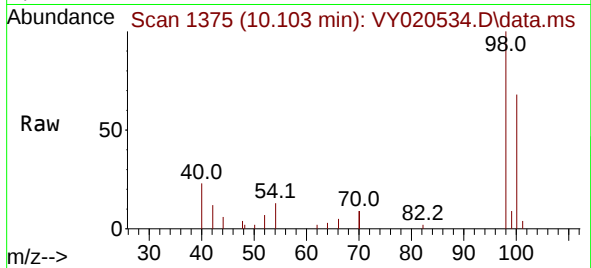




#50
Toluene-d8
Concen: 42.071 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020534.D
Acq: 06 Dec 2024 14:20

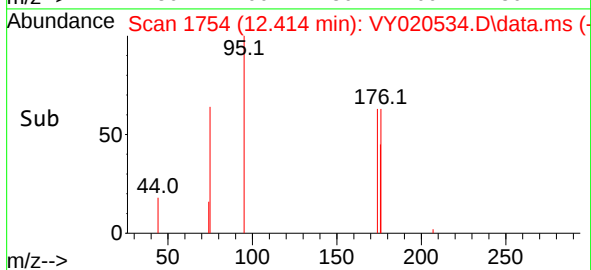
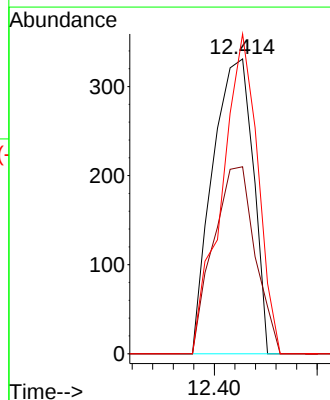
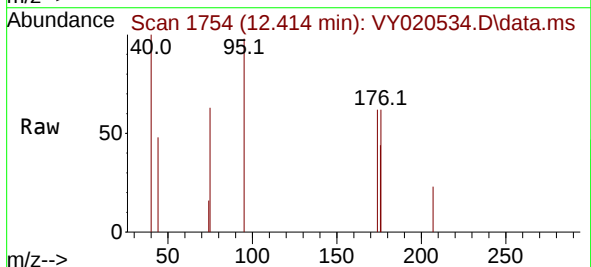
Instrument :
MSVOA_Y
ClientSampleId :

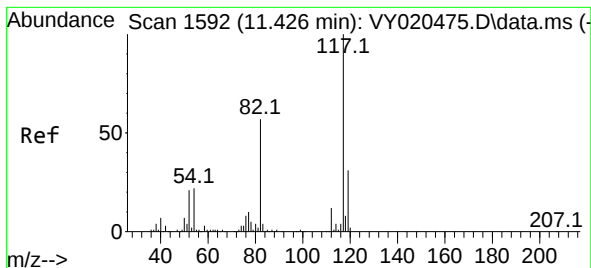
Tgt Ion: 98 Resp: 5319
Ion Ratio Lower Upper
98 100
100 68.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 10.267 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020534.D
Acq: 06 Dec 2024 14:20

Tgt Ion: 95 Resp: 454
Ion Ratio Lower Upper
95 100
174 65.4 0.0 156.8
176 96.3 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

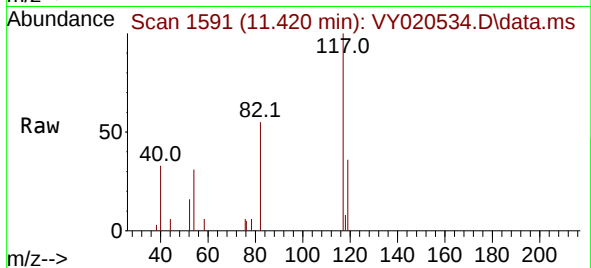
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Acq: 06 Dec 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :



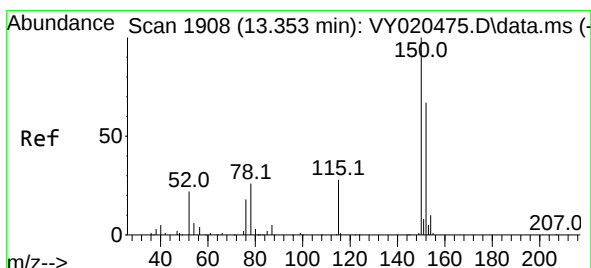
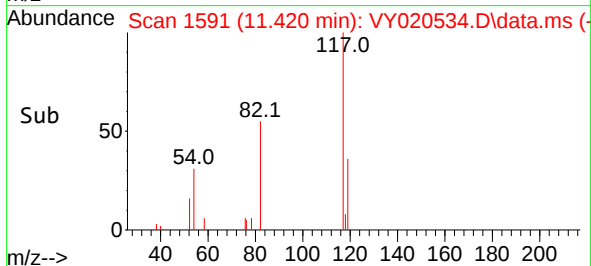
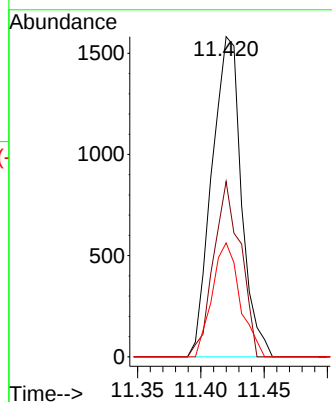
Tgt Ion:117 Resp: 2571

Ion Ratio Lower Upper

117 100

82 54.7 48.2 72.4

119 35.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020534.D

Acq: 06 Dec 2024 14:20

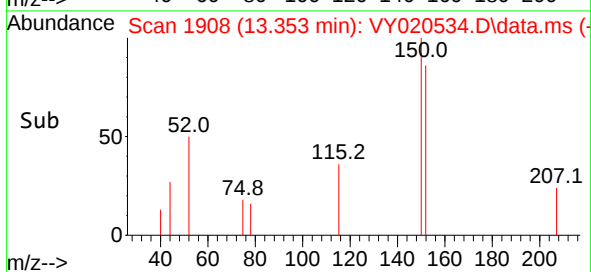
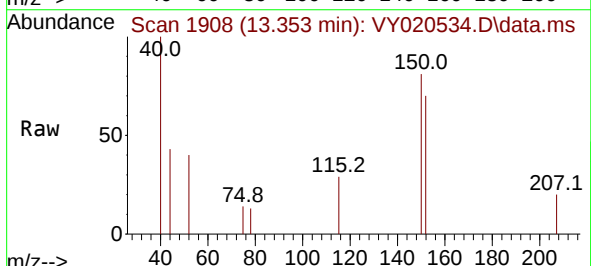
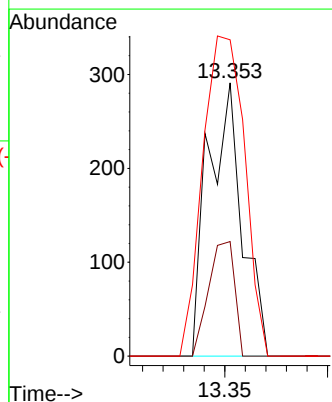
Tgt Ion:152 Resp: 336

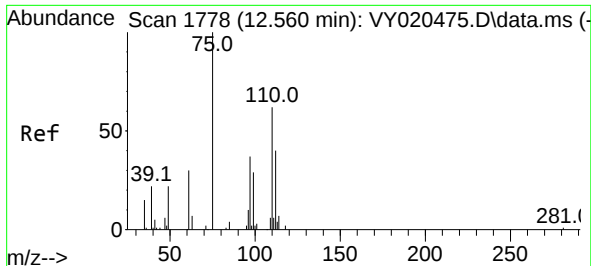
Ion Ratio Lower Upper

152 100

115 31.8 30.0 90.0

150 144.0 0.0 348.2

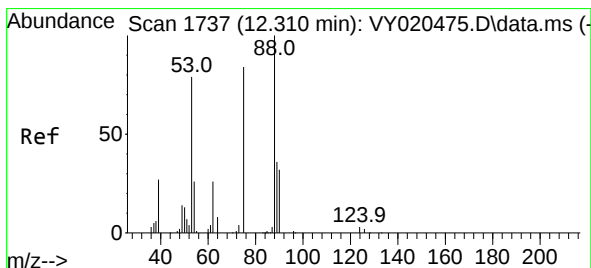
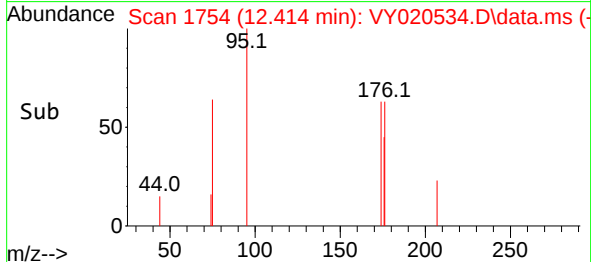
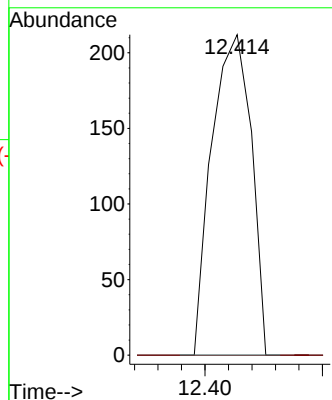
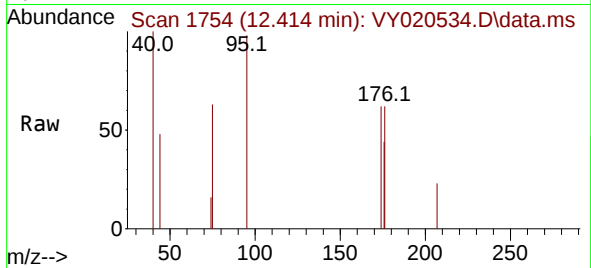




#76
1,2,3-Trichloropropane
Concen: 72.456 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020534.D
Acq: 06 Dec 2024 14:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 248
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 148.668 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020534.D
Acq: 06 Dec 2024 14:20

Tgt Ion: 75 Resp: 248
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

