

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020574.D
 Acq On : 10 Dec 2024 17:20
 Operator : SY/MD
 Sample : P5194-06
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:52:22 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)

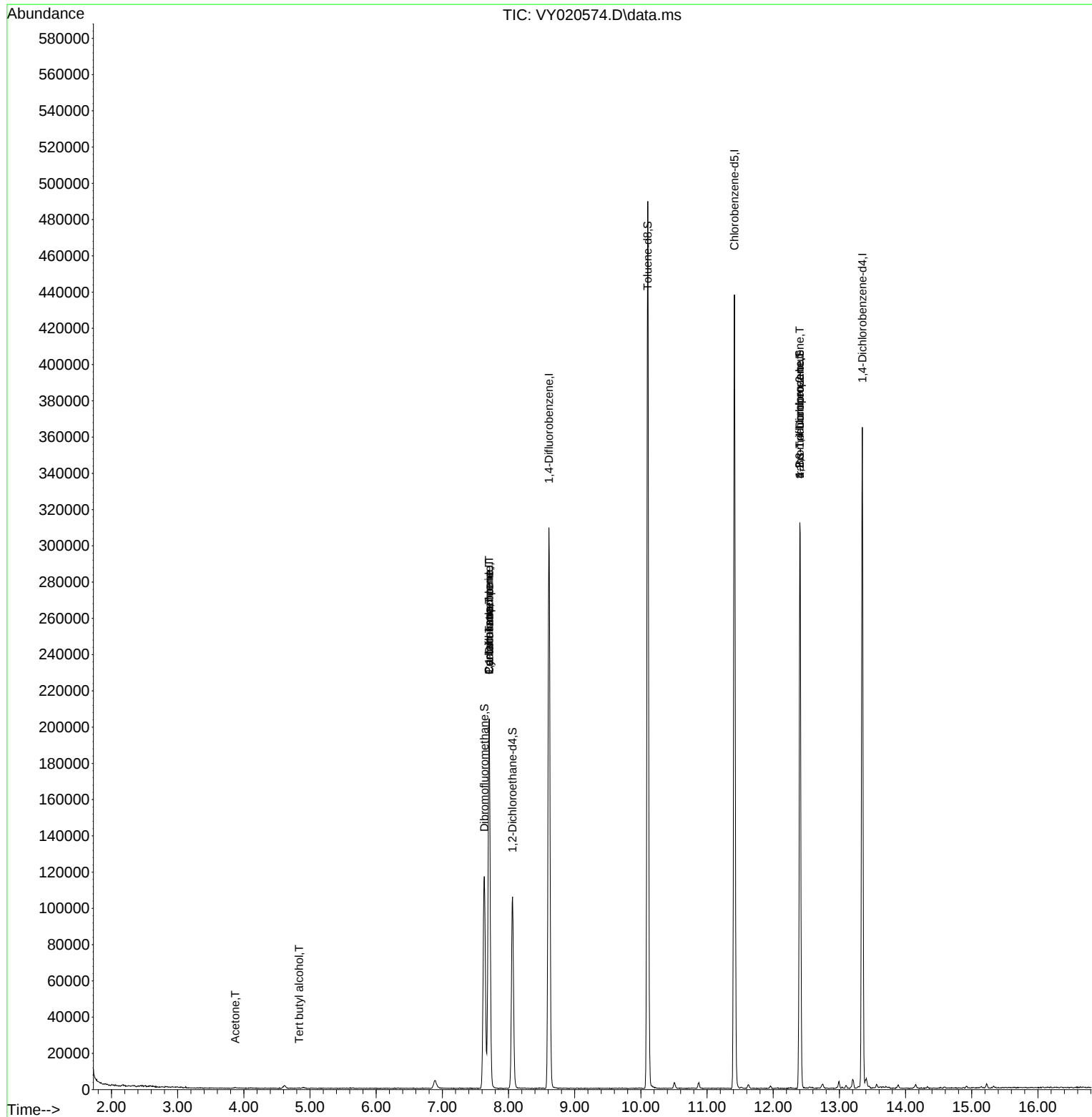
Internal Standards						
1) Pentafluorobenzene	7.707	168	151423	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	263038	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	223099	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	90370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	85874	55.762	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.520%	
35) Dibromofluoromethane	7.634	113	84129	50.804	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.600%	
50) Toluene-d8	10.103	98	314056	49.806	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.402	95	96656	43.828	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	122	1.221	ug/l #	73
16) Acetone	3.873	43	778	2.032	ug/l #	83
31) Cyclohexane	7.707	56	3449	1.137	ug/l #	17
36) 1,1-Dichloropropene	7.707	75	12350	4.416	ug/l #	52
38) Carbon Tetrachloride	7.707	117	16155	4.840	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	51842	56.314	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	51842	115.548	ug/l #	9

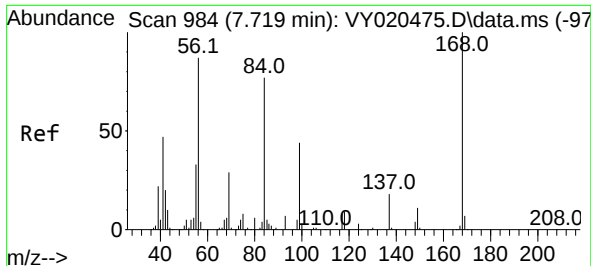
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 03 01:39:23 2024
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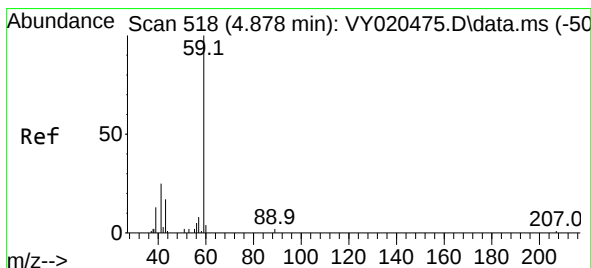
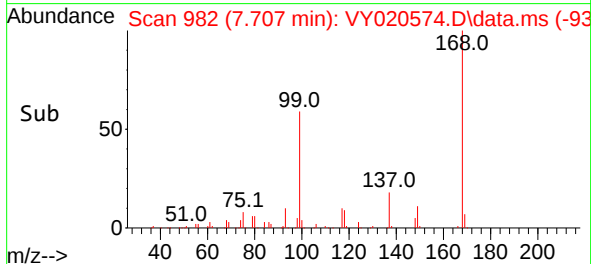
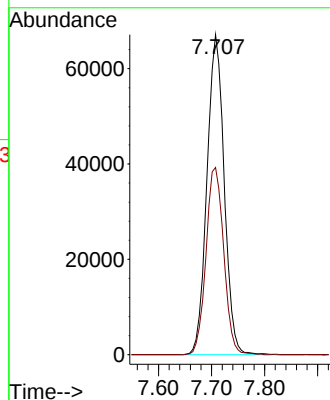
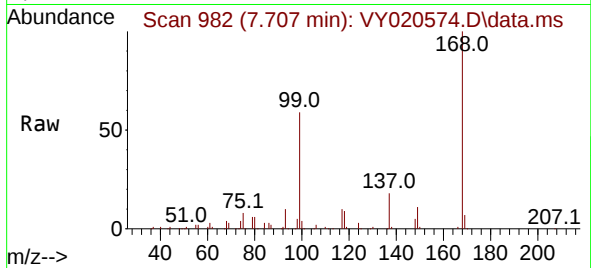




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020574.D
Acq: 10 Dec 2024 17:20

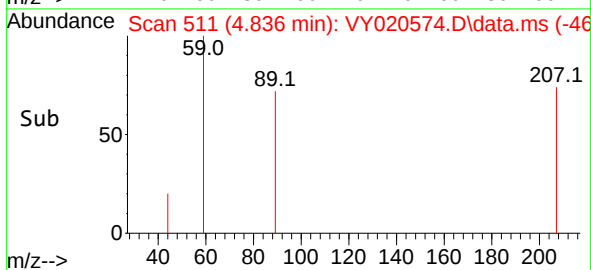
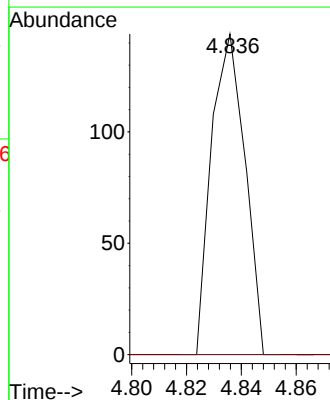
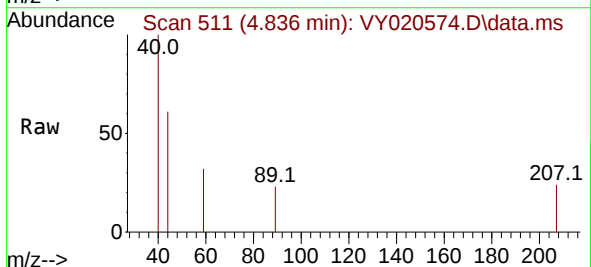
Instrument :
MSVOA_Y
ClientSampleId :

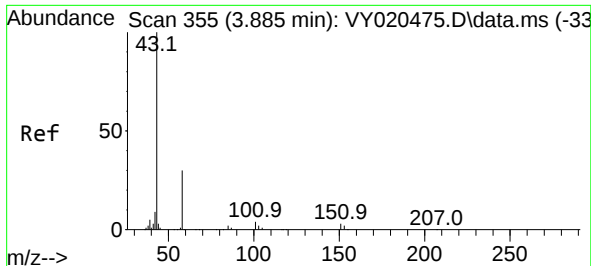
Tgt Ion:168 Resp: 151423
Ion Ratio Lower Upper
168 100
99 58.5 46.6 69.8



#11
Tert butyl alcohol
Concen: 1.221 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.043 min
Lab File: VY020574.D
Acq: 10 Dec 2024 17:20

Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 2.032 ug/l

RT: 3.873 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY020574.D

Acq: 10 Dec 2024 17:20

Instrument :

MSVOA_Y

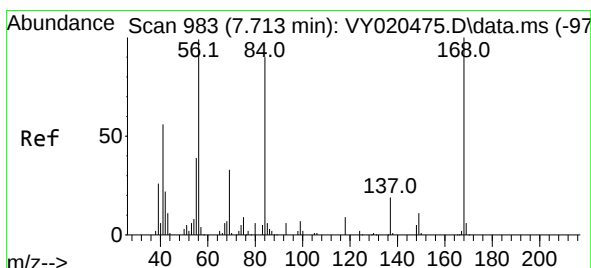
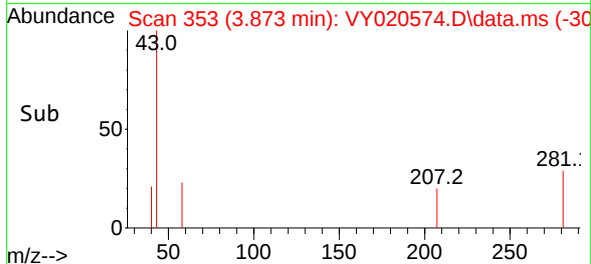
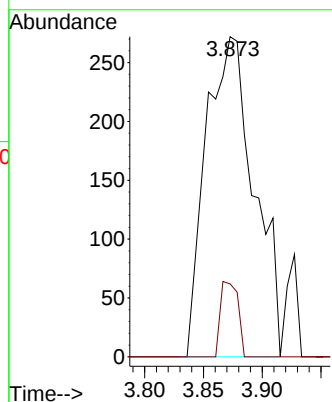
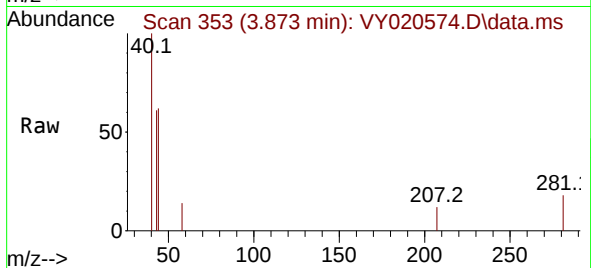
ClientSampleId :

Tgt Ion: 43 Resp: 778

Ion Ratio Lower Upper

43 100

58 22.8 25.7 38.5#



#31

Cyclohexane

Concen: 1.137 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.006 min

Lab File: VY020574.D

Acq: 10 Dec 2024 17:20

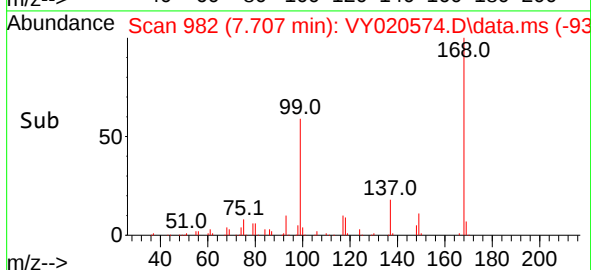
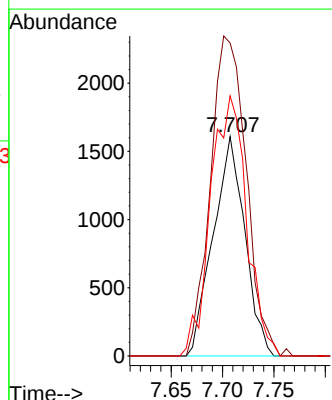
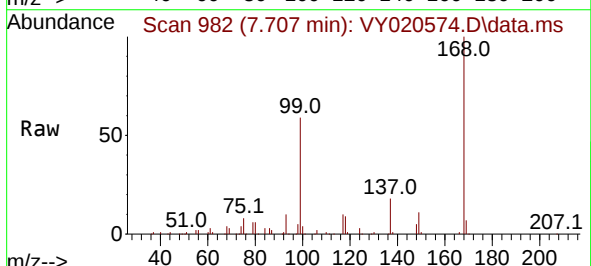
Tgt Ion: 56 Resp: 3449

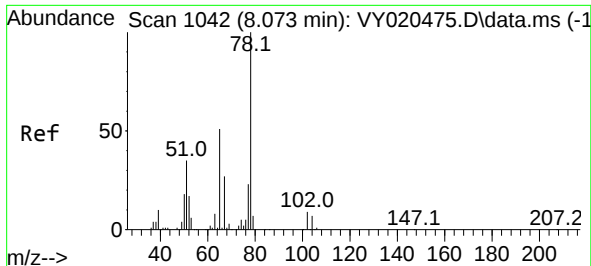
Ion Ratio Lower Upper

56 100

69 142.7 25.3 37.9#

84 118.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 55.762 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020574.D

Acq: 10 Dec 2024 17:20

Instrument :

MSVOA_Y

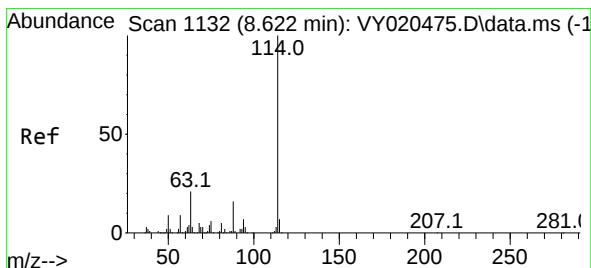
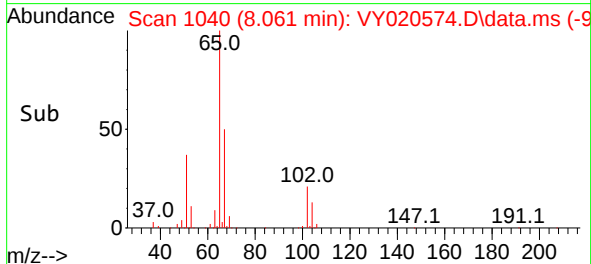
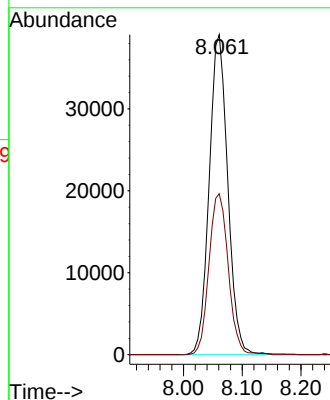
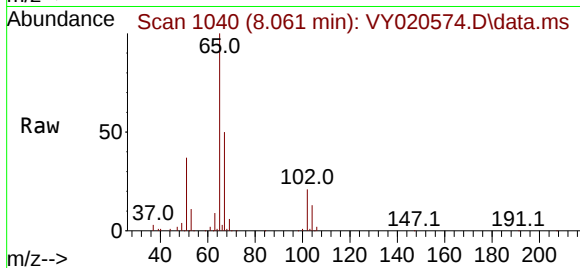
ClientSampleId :

Tgt Ion: 65 Resp: 85874

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY020574.D

Acq: 10 Dec 2024 17:20

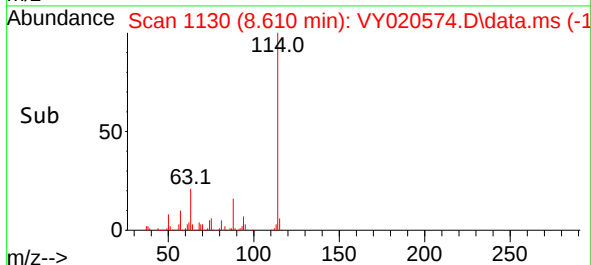
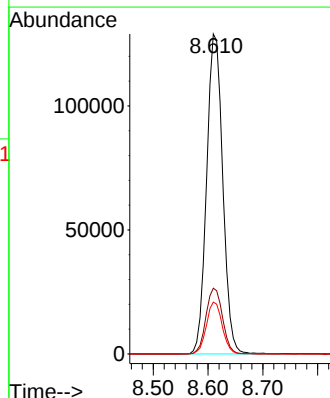
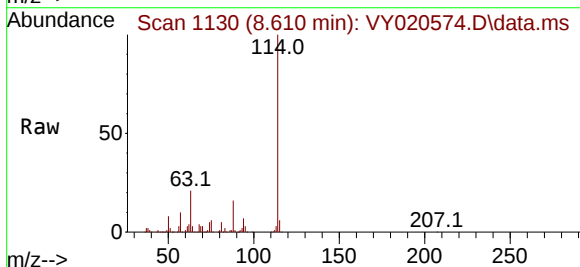
Tgt Ion:114 Resp: 263038

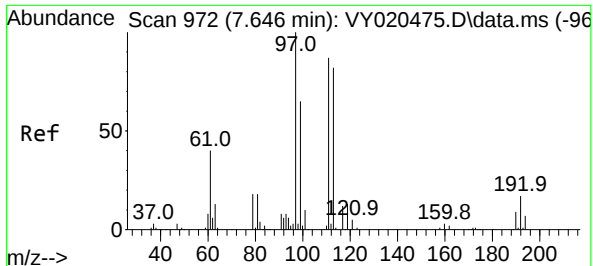
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.8

88 16.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.804 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY020574.D

Acq: 10 Dec 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

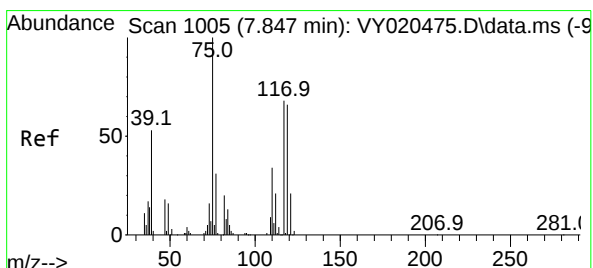
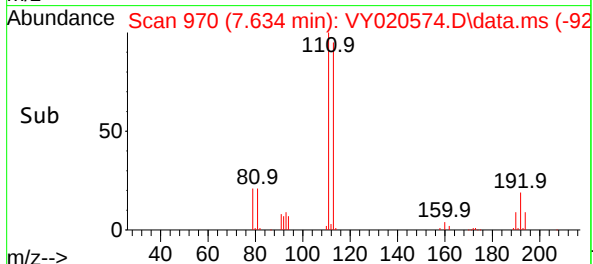
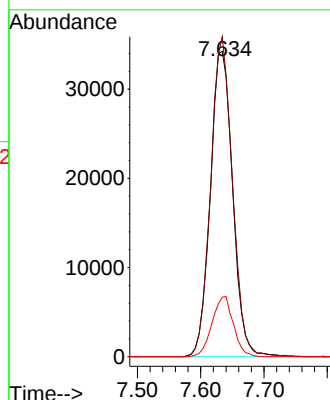
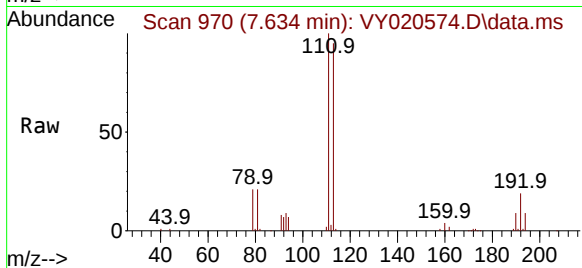
Tgt Ion:113 Resp: 84129

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 18.8 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.416 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.140 min

Lab File: VY020574.D

Acq: 10 Dec 2024 17:20

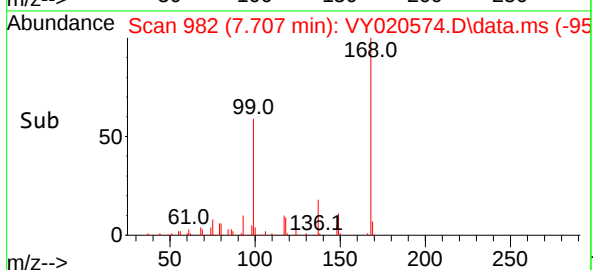
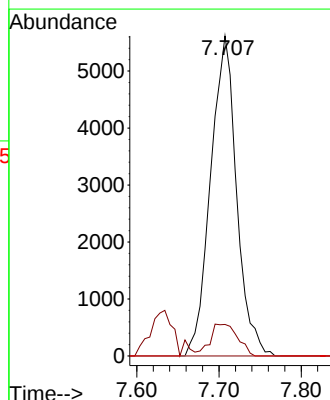
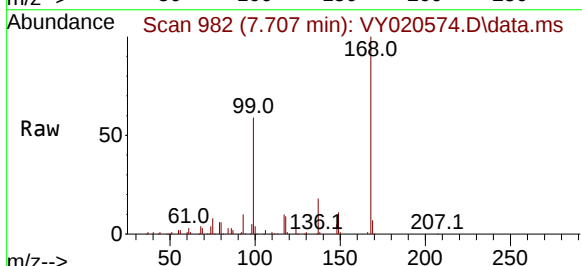
Tgt Ion: 75 Resp: 12350

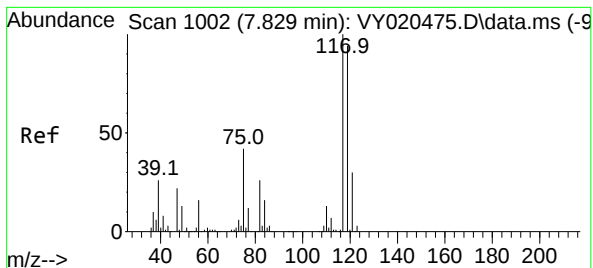
Ion Ratio Lower Upper

75 100

110 10.5 16.7 50.0#

77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.840 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY020574.D

Acq: 10 Dec 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

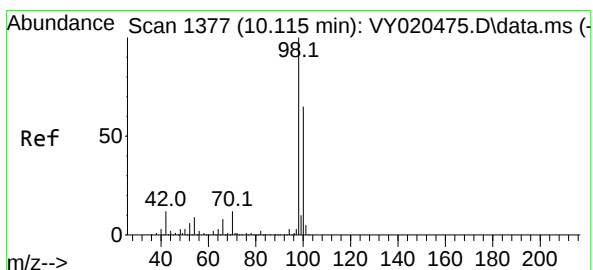
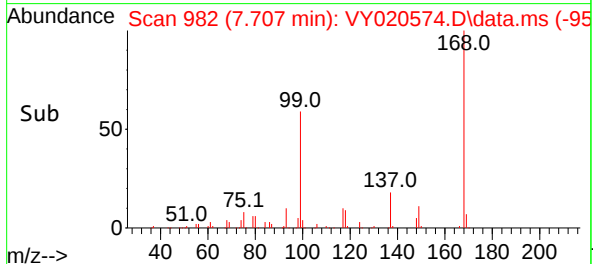
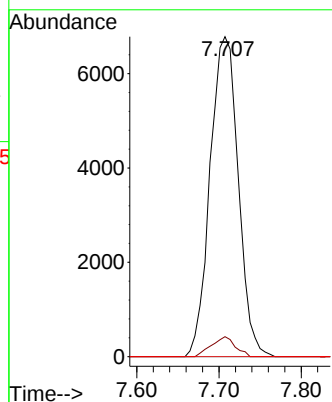
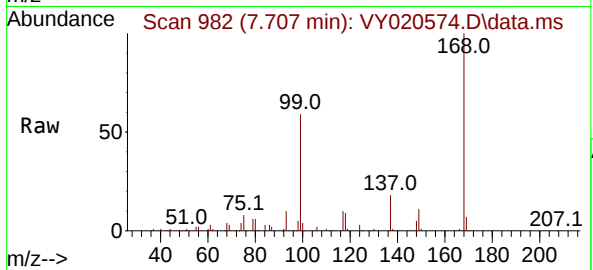
Tgt Ion:117 Resp: 16155

Ion Ratio Lower Upper

117 100

119 6.3 77.8 116.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 49.806 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020574.D

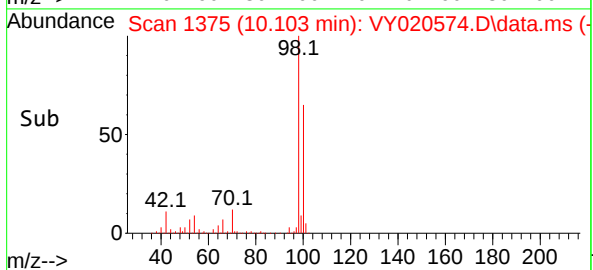
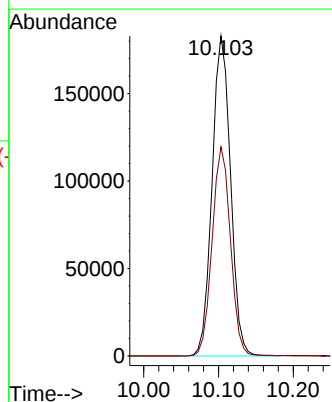
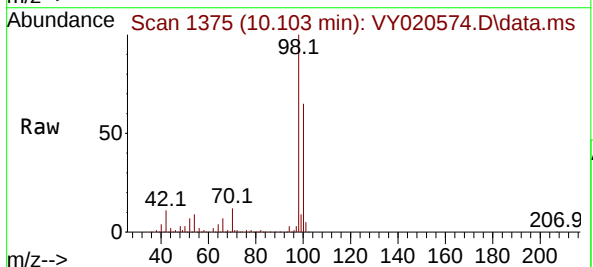
Acq: 10 Dec 2024 17:20

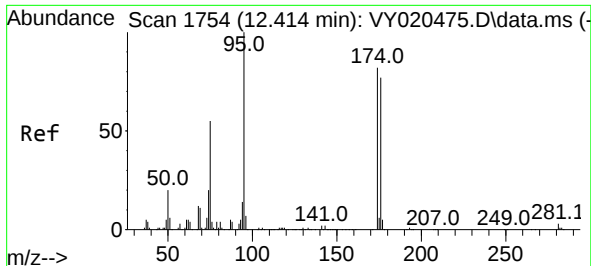
Tgt Ion: 98 Resp: 314056

Ion Ratio Lower Upper

98 100

100 64.9 51.3 76.9

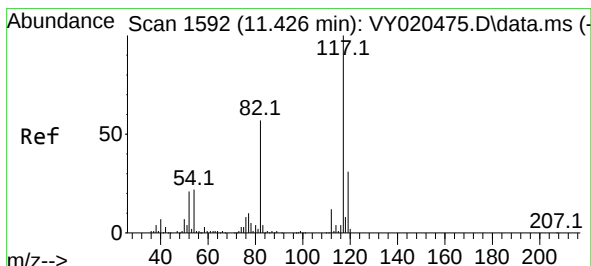
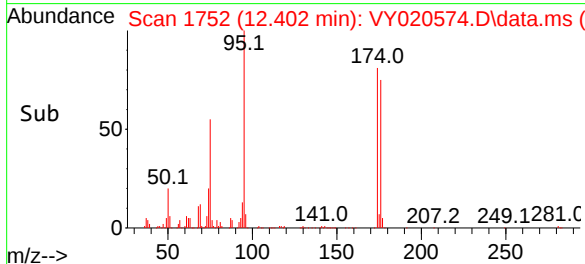
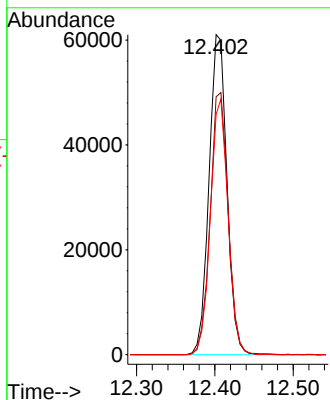
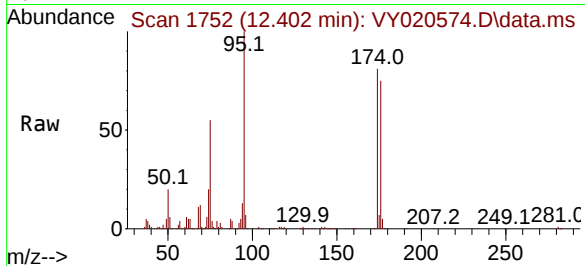




#62
4-Bromofluorobenzene
Concen: 43.828 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020574.D
Acq: 10 Dec 2024 17:20

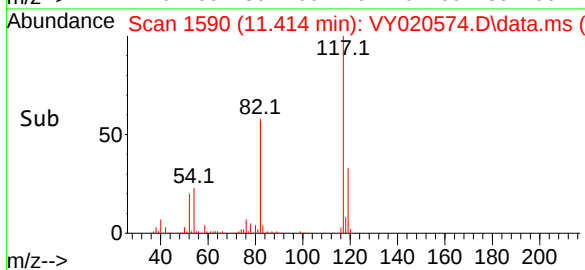
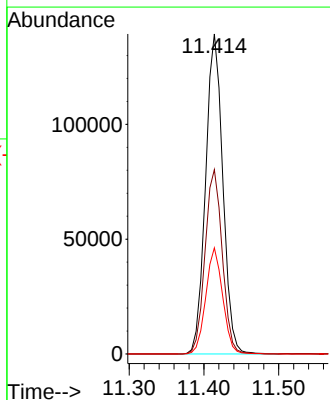
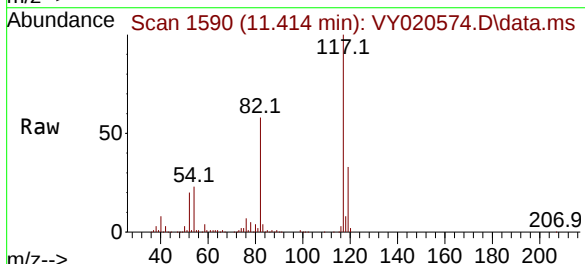
Instrument :
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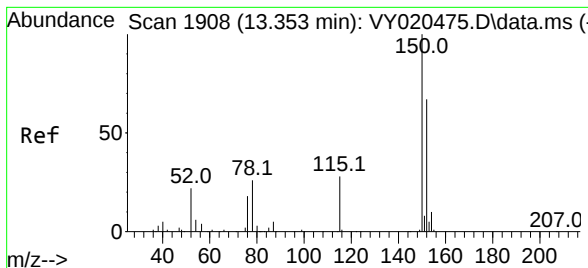
Tgt Ion: 95 Resp: 96656
Ion Ratio Lower Upper
95 100
174 82.4 0.0 156.8
176 78.7 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.012 min
Lab File: VY020574.D
Acq: 10 Dec 2024 17:20

Tgt Ion: 117 Resp: 223099
Ion Ratio Lower Upper
117 100
82 57.6 48.2 72.4
119 33.2 25.8 38.8

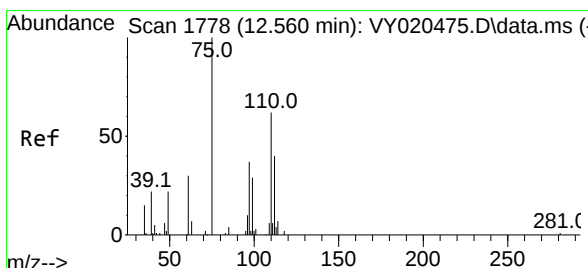
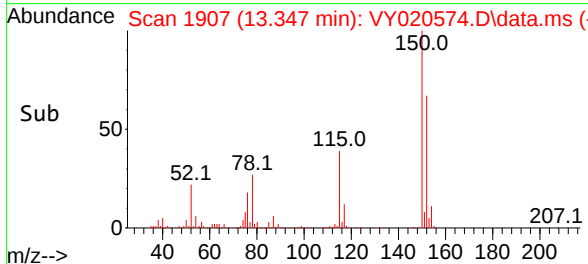
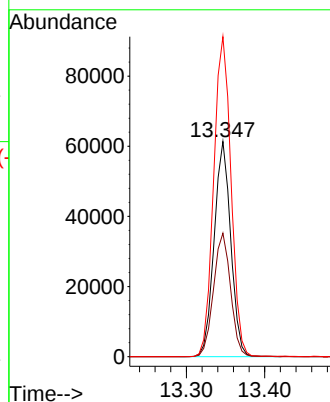
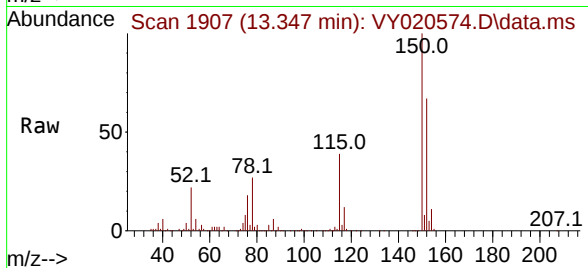




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY020574.D
Acq: 10 Dec 2024 17:20

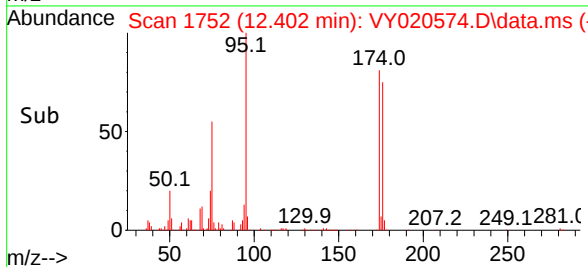
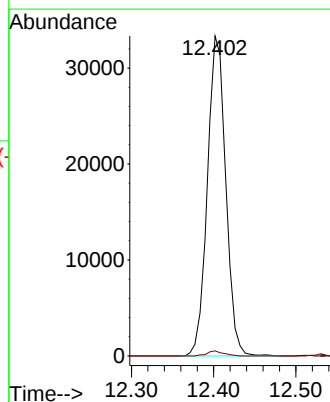
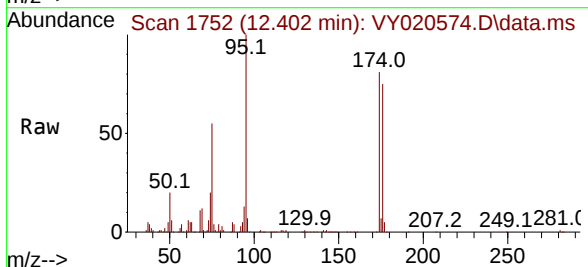
Instrument :
MSVOA_Y
ClientSampleId :

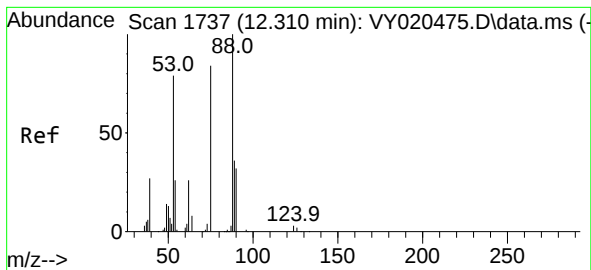
Tgt Ion:152 Resp: 90370
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 155.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 56.314 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020574.D
Acq: 10 Dec 2024 17:20

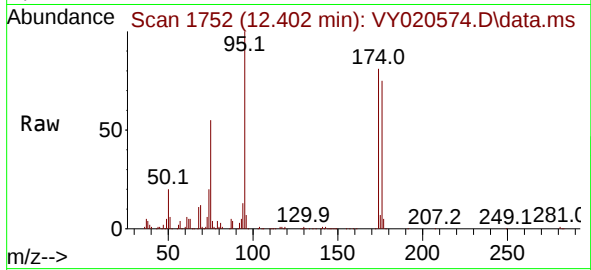
Tgt Ion: 75 Resp: 51842
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 115.548 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY020574.D
Acq: 10 Dec 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :



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

