

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020569.D
 Acq On : 10 Dec 2024 15:23
 Operator : SY/MD
 Sample : P5292-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:50:04 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)

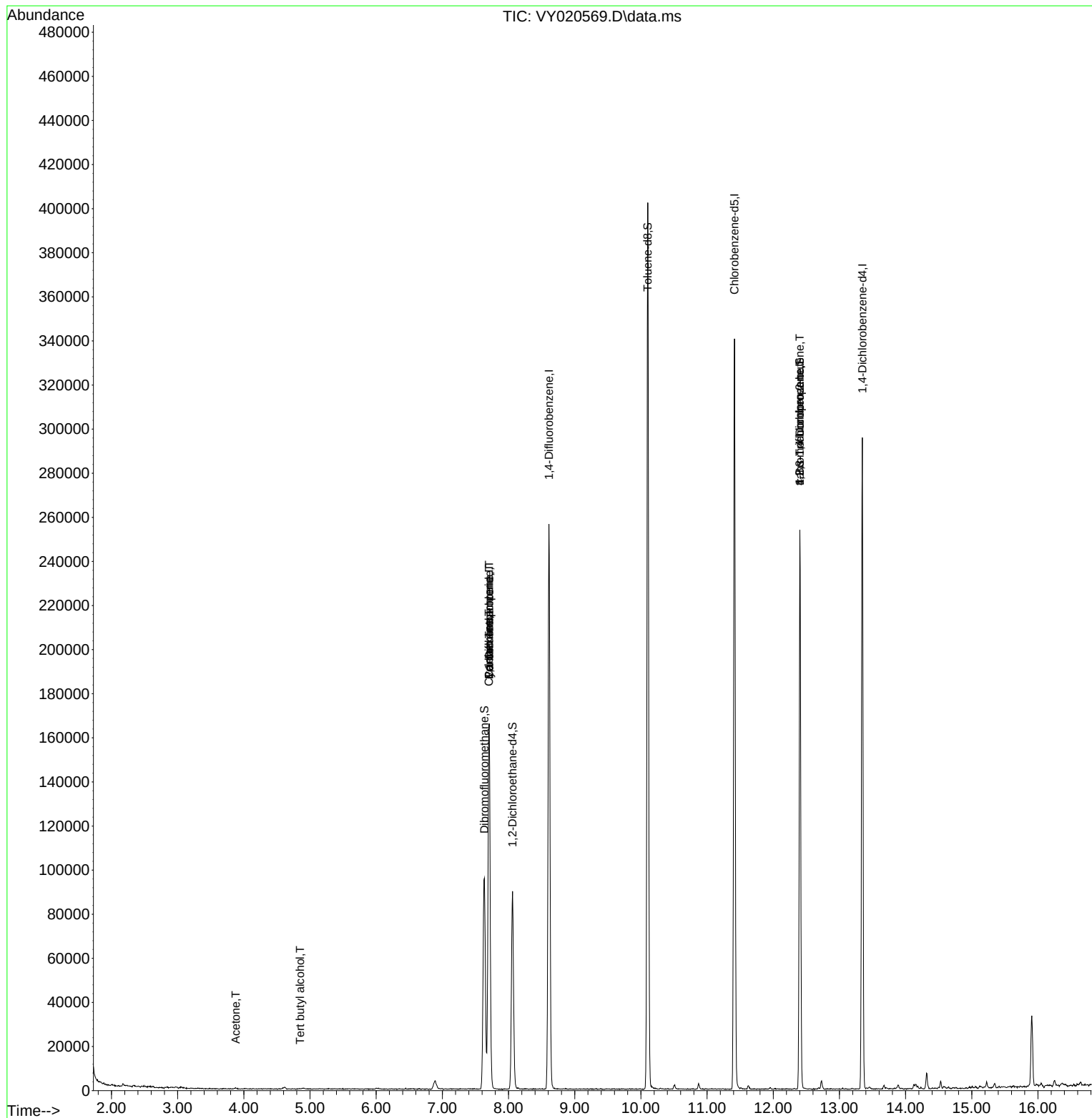
Internal Standards						
1) Pentafluorobenzene	7.707	168	125873	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	214237	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	180080	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	72382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	72345	56.513	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.020%	
35) Dibromofluoromethane	7.634	113	69014	51.170	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.340%	
50) Toluene-d8	10.103	98	256388	49.923	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.401	95	77940	43.392	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	162	1.951	ug/l #	73
16) Acetone	3.879	43	564	1.772	ug/l #	87
31) Cyclohexane	7.701	56	2803	1.111	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	10216	4.485	ug/l #	51
38) Carbon Tetrachloride	7.707	117	13582	4.996	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	42614	57.794	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	42614	118.584	ug/l #	9

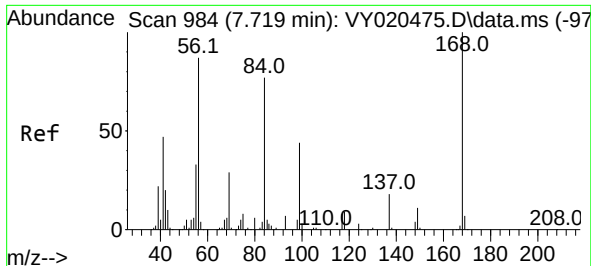
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

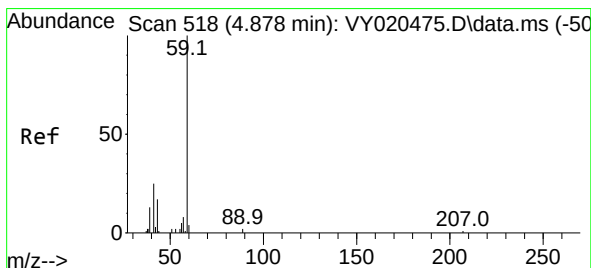
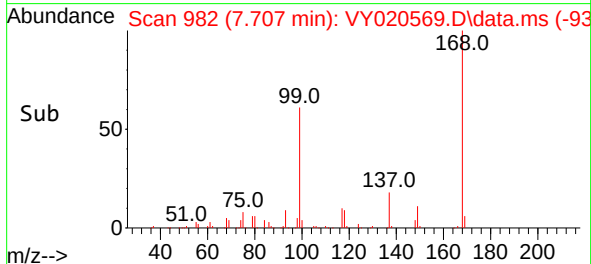
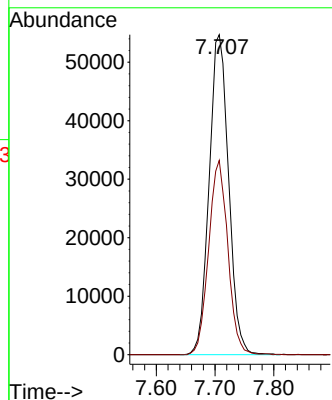
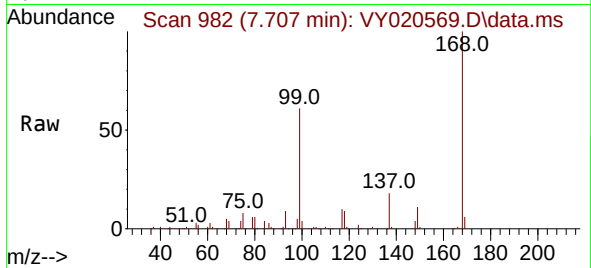




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020569.D
Acq: 10 Dec 2024 15:23

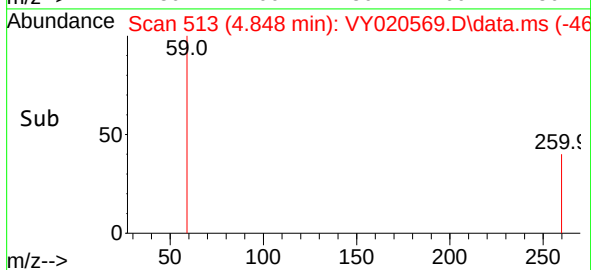
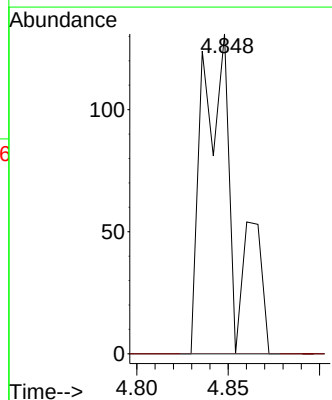
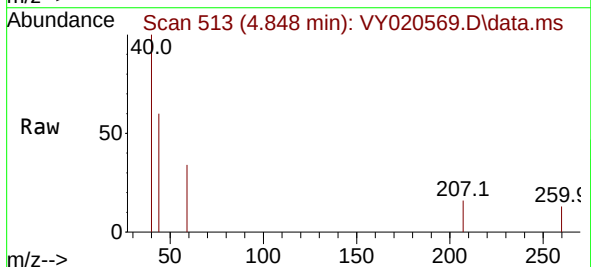
Instrument :
MSVOA_Y
ClientSampleId :

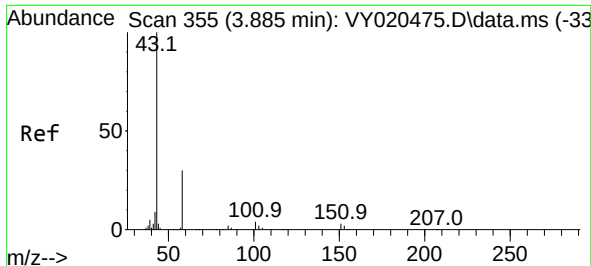
Tgt Ion:168 Resp: 125873
Ion Ratio Lower Upper
168 100
99 60.7 46.6 69.8



#11
Tert butyl alcohol
Concen: 1.951 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.031 min
Lab File: VY020569.D
Acq: 10 Dec 2024 15:23

Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 1.772 ug/l

RT: 3.879 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY020569.D

Acq: 10 Dec 2024 15:23

Instrument :

MSVOA_Y

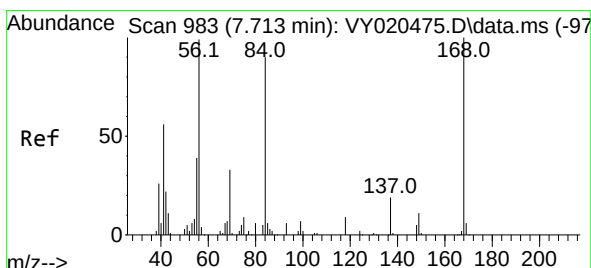
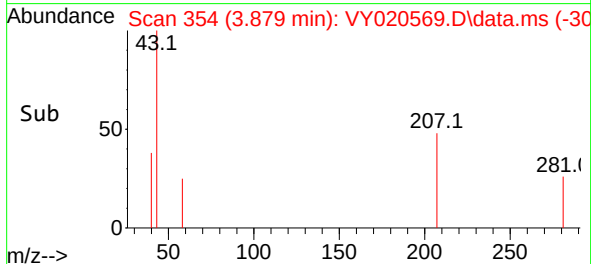
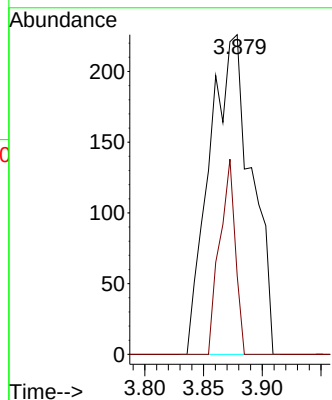
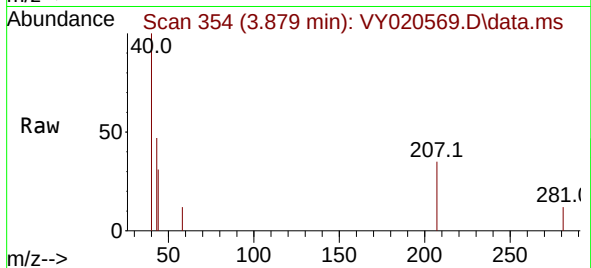
ClientSampleId :

Tgt Ion: 43 Resp: 564

Ion Ratio Lower Upper

43 100

58 24.8 25.7 38.5#



#31

Cyclohexane

Concen: 1.111 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.012 min

Lab File: VY020569.D

Acq: 10 Dec 2024 15:23

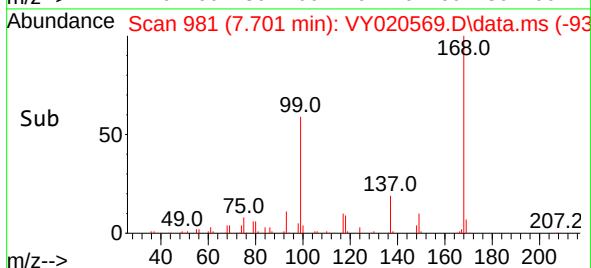
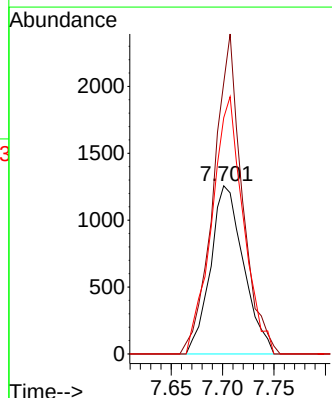
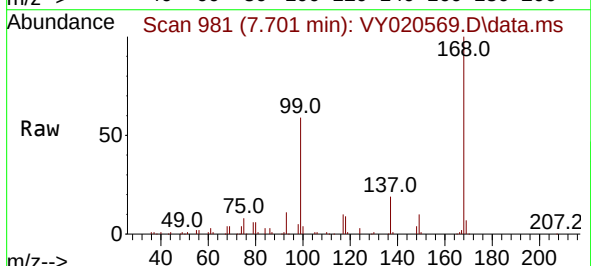
Tgt Ion: 56 Resp: 2803

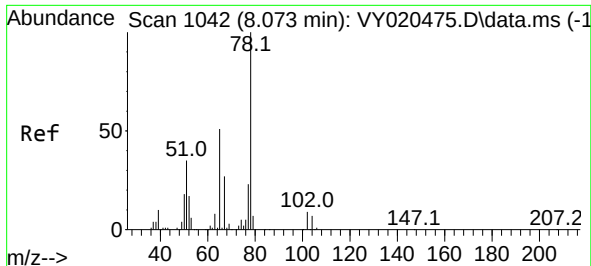
Ion Ratio Lower Upper

56 100

69 161.2 25.3 37.9#

84 140.4 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 56.513 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020569.D

Acq: 10 Dec 2024 15:23

Instrument :

MSVOA_Y

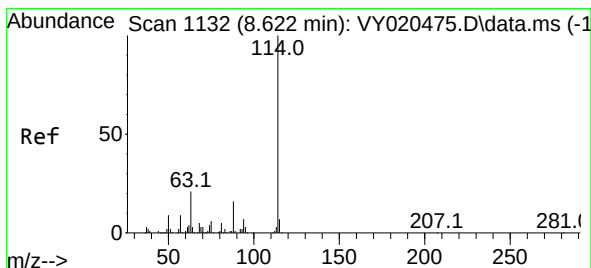
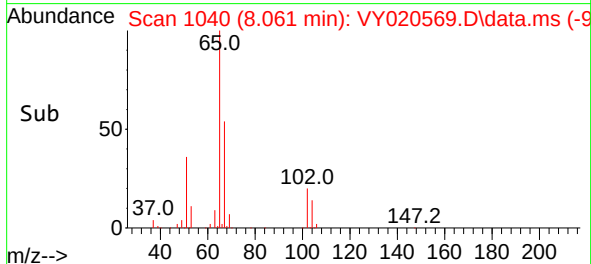
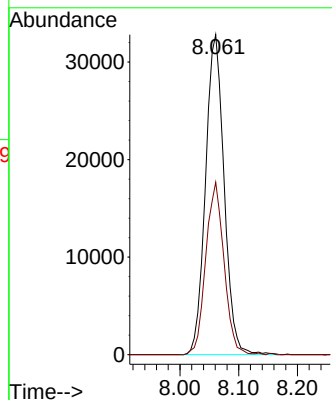
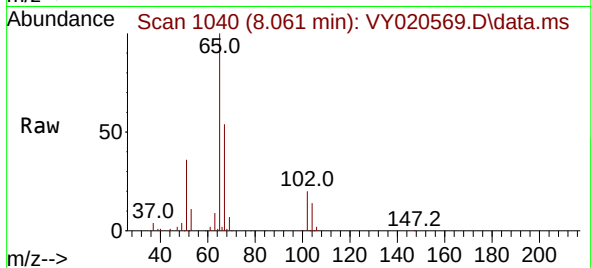
ClientSampleId :

Tgt Ion: 65 Resp: 72345

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY020569.D

Acq: 10 Dec 2024 15:23

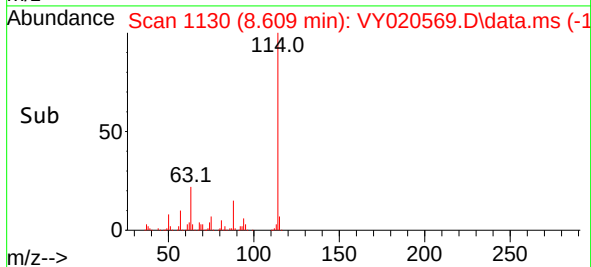
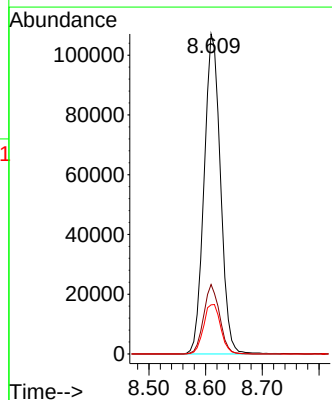
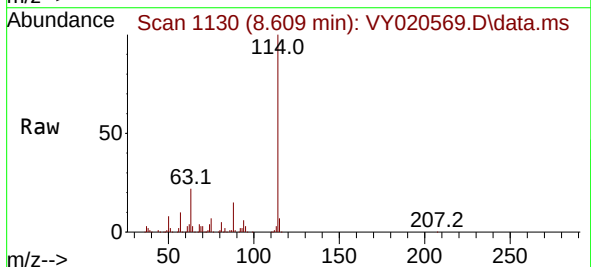
Tgt Ion: 114 Resp: 214237

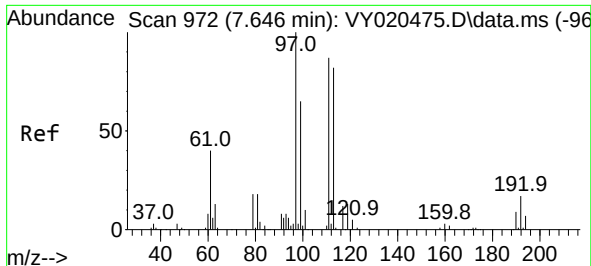
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.8

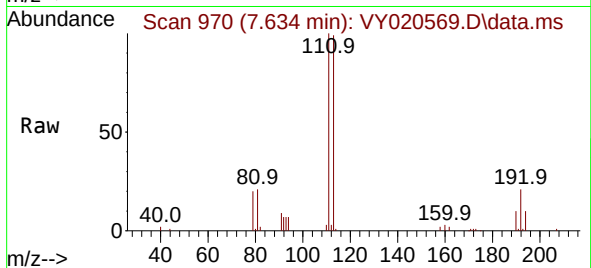
88 15.3 0.0 32.0



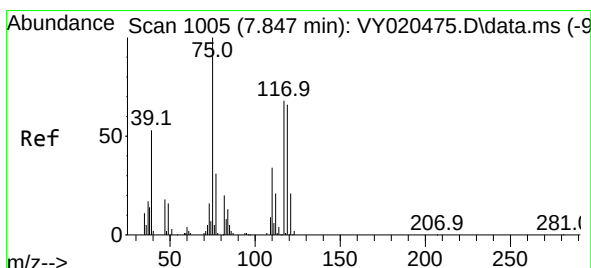
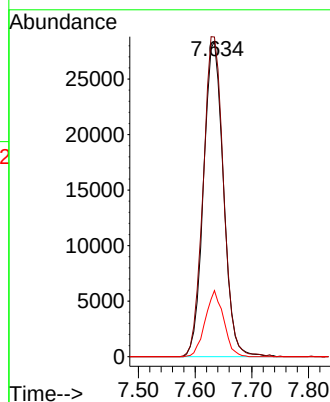
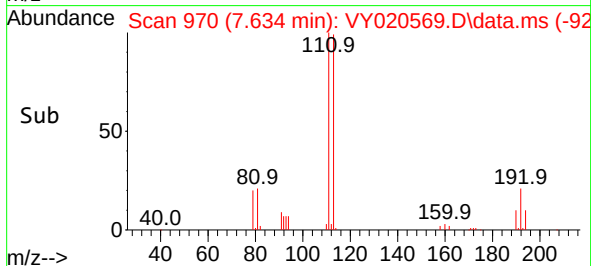


#35
Dibromofluoromethane
Concen: 51.170 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020569.D
Acq: 10 Dec 2024 15:23

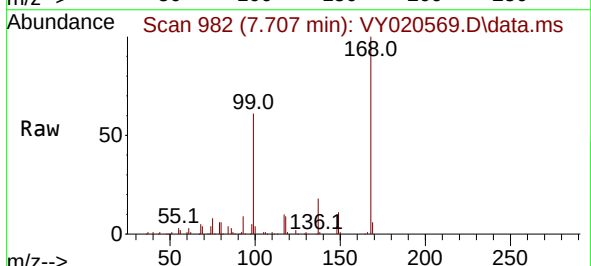
Instrument :
MSVOA_Y
ClientSampleId :



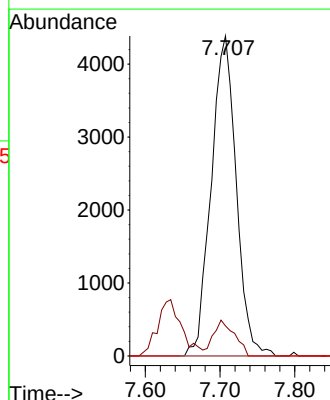
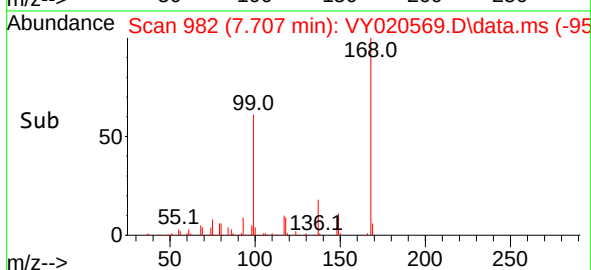
Tgt Ion:113 Resp: 69014
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 19.5 15.1 22.7

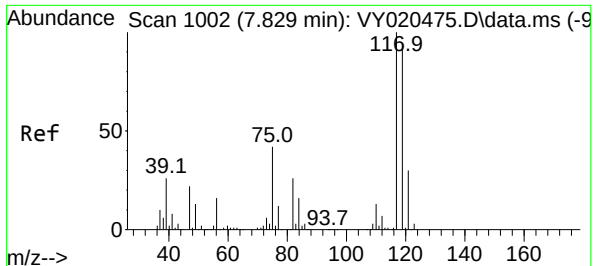


#36
1,1-Dichloropropene
Concen: 4.485 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.140 min
Lab File: VY020569.D
Acq: 10 Dec 2024 15:23



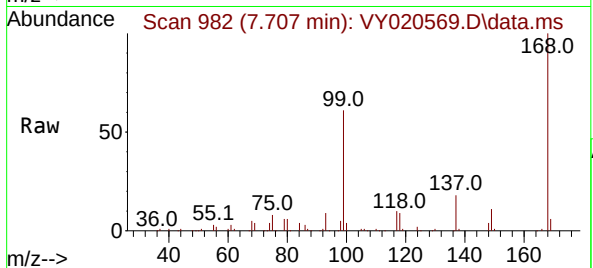
Tgt Ion: 75 Resp: 10216
Ion Ratio Lower Upper
75 100
110 9.4 16.7 50.0#
77 0.0 24.6 36.8#



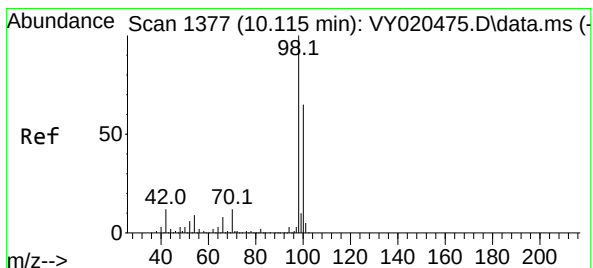
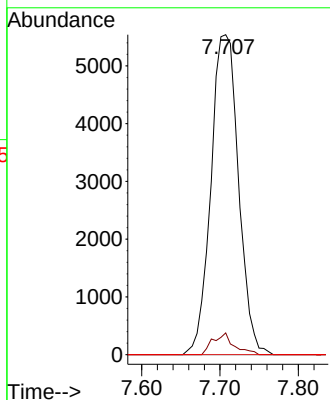
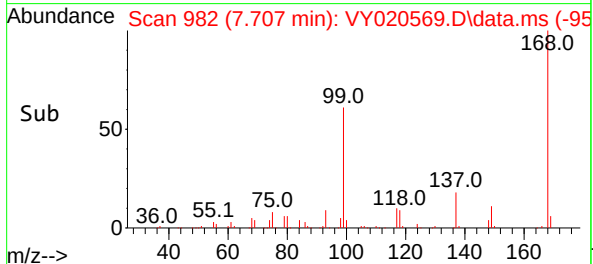


#38
Carbon Tetrachloride
Concen: 4.996 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020569.D
Acq: 10 Dec 2024 15:23

Instrument :
MSVOA_Y
ClientSampleId :

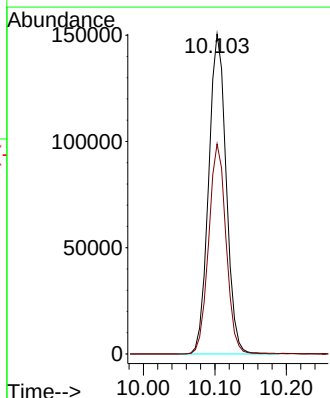
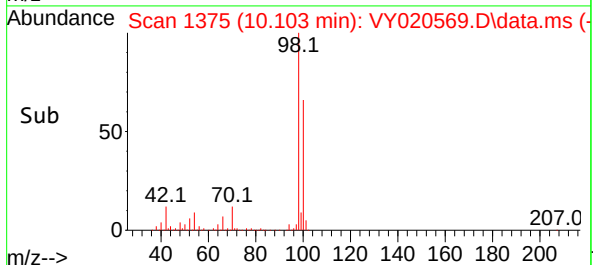
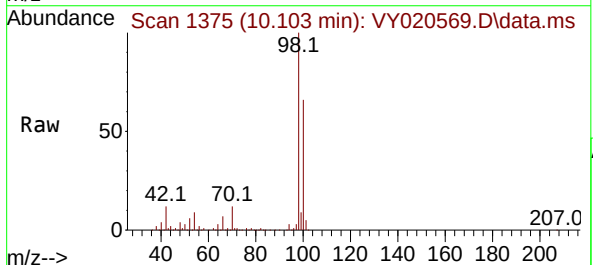


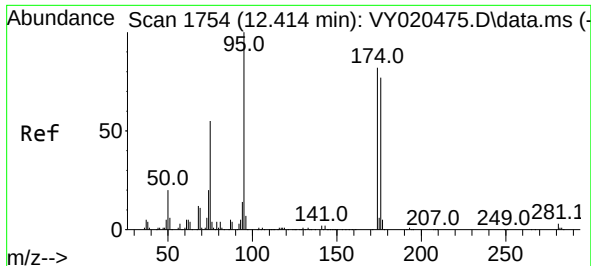
Tgt Ion:117 Resp: 13582
Ion Ratio Lower Upper
117 100
119 6.8 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.923 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.012 min
Lab File: VY020569.D
Acq: 10 Dec 2024 15:23

Tgt Ion: 98 Resp: 256388
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 43.392 ug/l

RT: 12.401 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020569.D

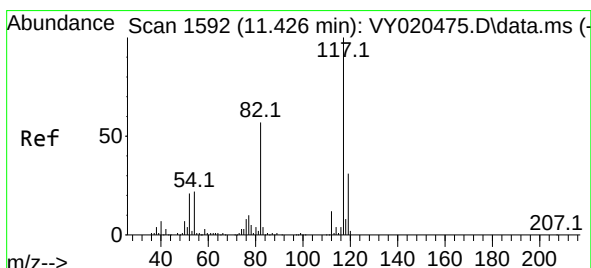
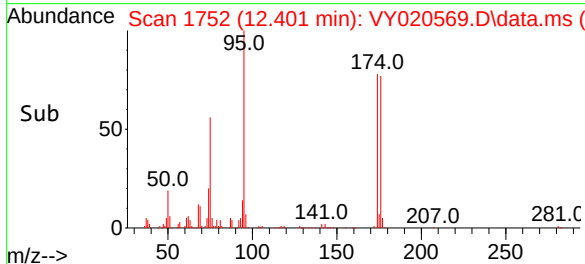
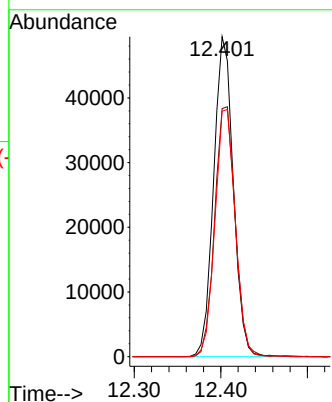
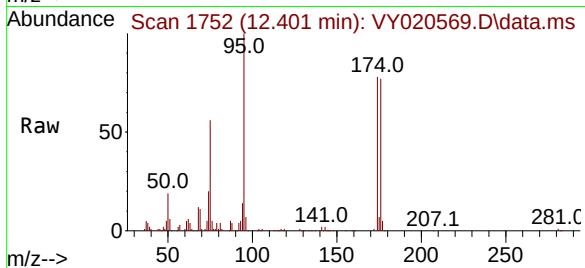
Acq: 10 Dec 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	95	Resp:	77940
Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	156.8
176	80.0	0.0	152.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

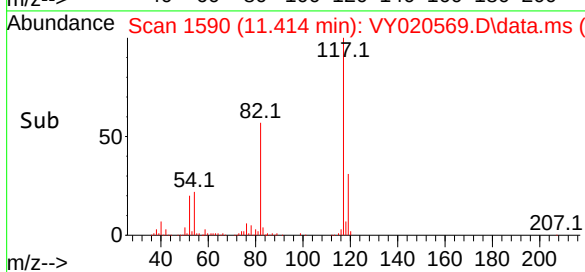
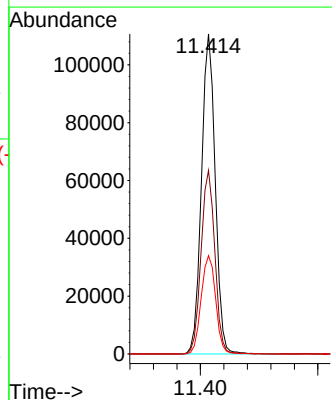
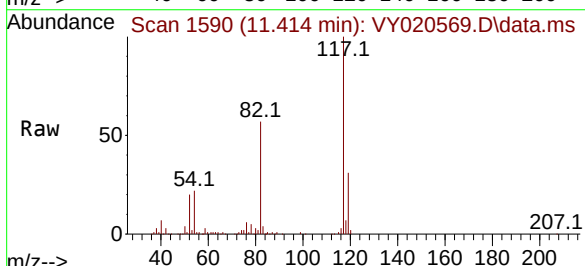
RT: 11.414 min Scan# 1590

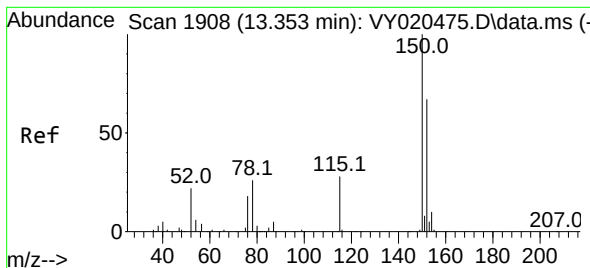
Delta R.T. -0.012 min

Lab File: VY020569.D

Acq: 10 Dec 2024 15:23

Tgt Ion:	117	Resp:	180080
Ion	Ratio	Lower	Upper
117	100		
82	57.3	48.2	72.4
119	30.7	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

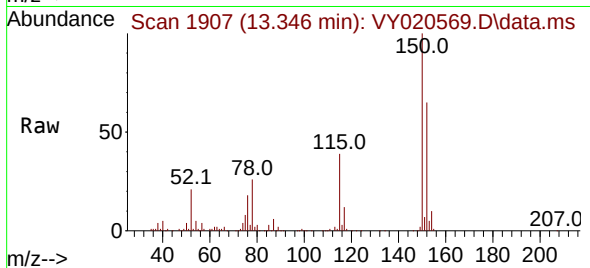
Lab File: VY020569.D

Acq: 10 Dec 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :



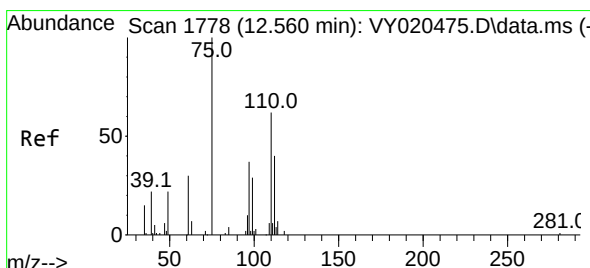
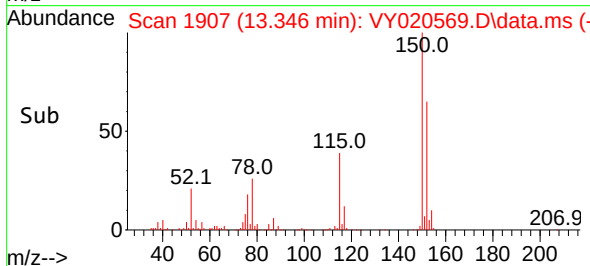
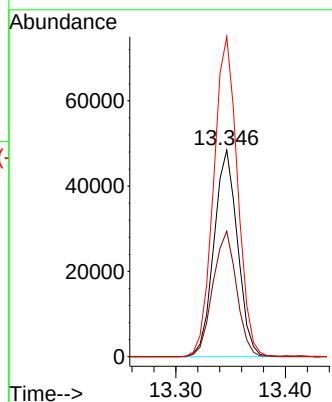
Tgt Ion:152 Resp: 72382

Ion Ratio Lower Upper

152 100

115 61.1 30.0 90.0

150 157.6 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 57.794 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.159 min

Lab File: VY020569.D

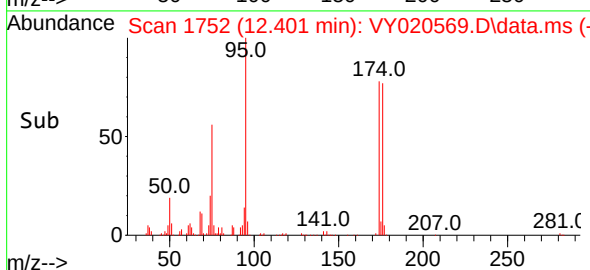
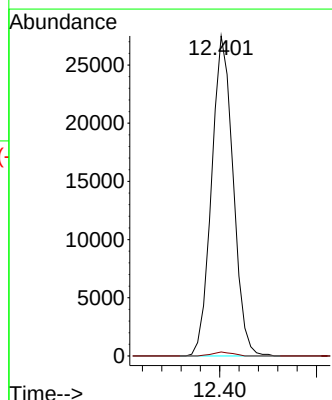
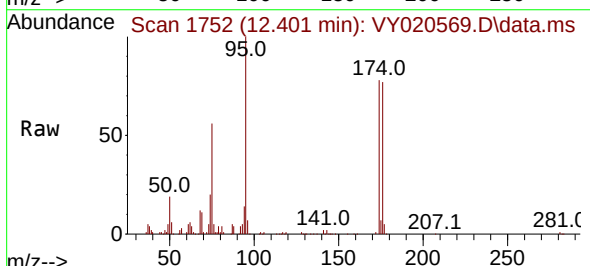
Acq: 10 Dec 2024 15:23

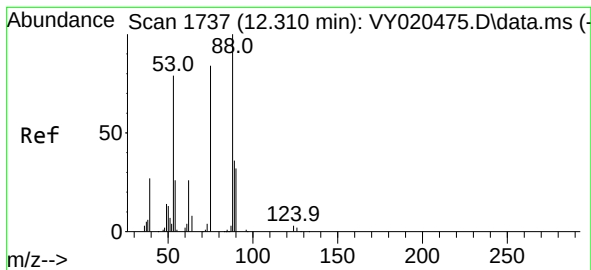
Tgt Ion: 75 Resp: 42614

Ion Ratio Lower Upper

75 100

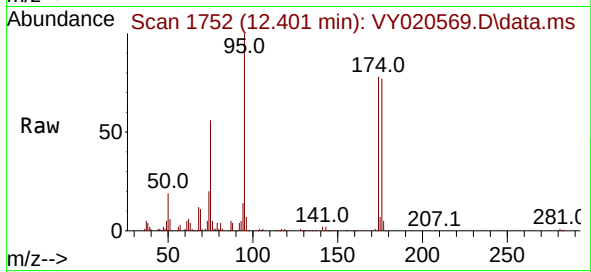
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 118.584 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY020569.D
Acq: 10 Dec 2024 15:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 42614
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

