

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020567.D
 Acq On : 10 Dec 2024 14:13
 Operator : SY/MD
 Sample : P5175-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:49:23 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)

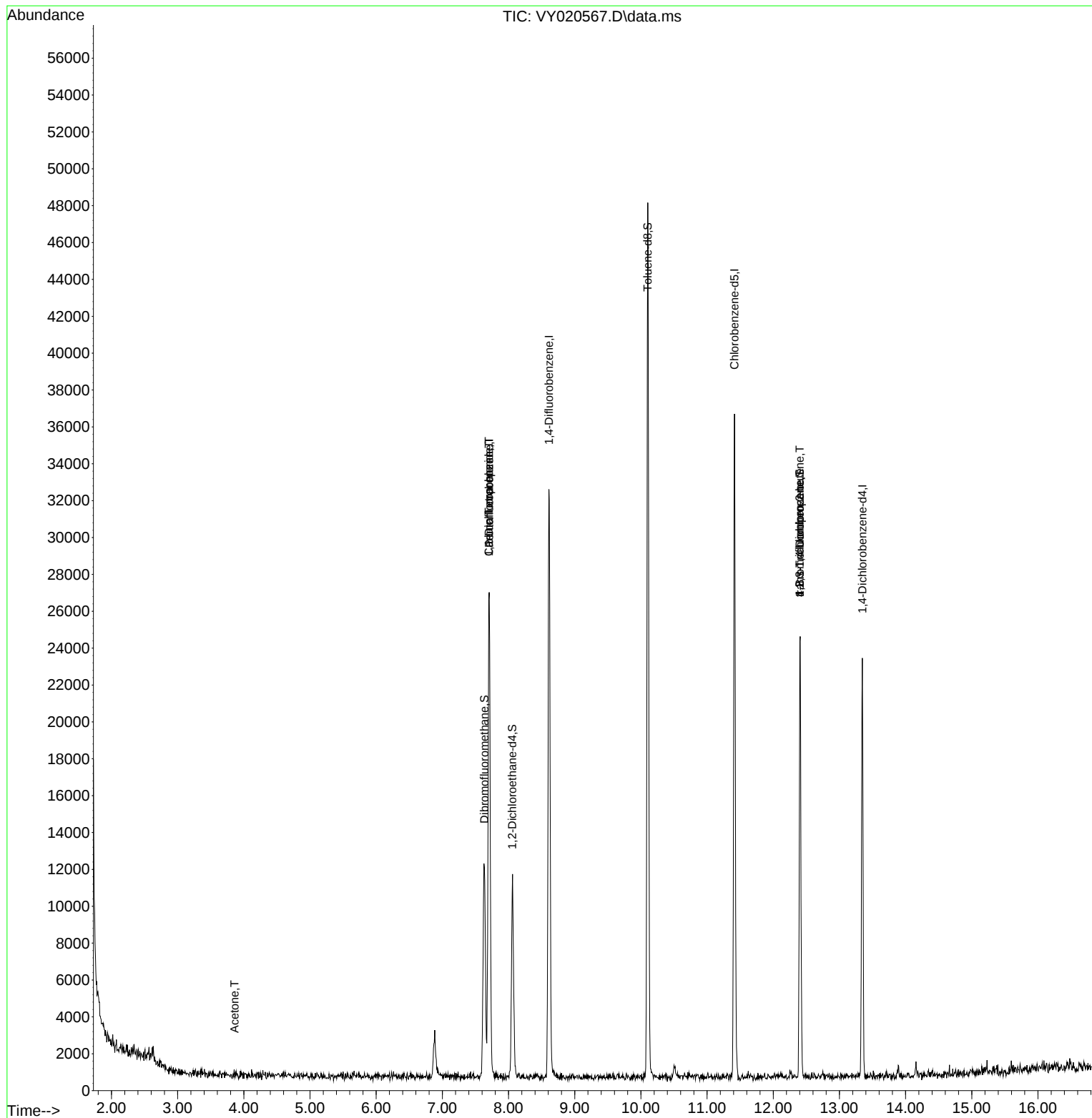
Internal Standards						
1) Pentafluorobenzene	7.707	168	20162	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	28458	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	20266	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	5735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	8823	43.028	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.060%
35) Dibromofluoromethane	7.634	113	8913	49.750	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.103	98	32832	48.127	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.401	95	7532	31.568	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	63.140%
Target Compounds						
16) Acetone	3.860	43	151	2.962	ug/l #	43
36) 1,1-Dichloropropene	7.701	75	1603	5.298	ug/l #	50
38) Carbon Tetrachloride	7.701	117	2135	5.913	ug/l #	11
76) 1,2,3-Trichloropropane	12.401	75	4025	68.896	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	4025	141.364	ug/l #	9

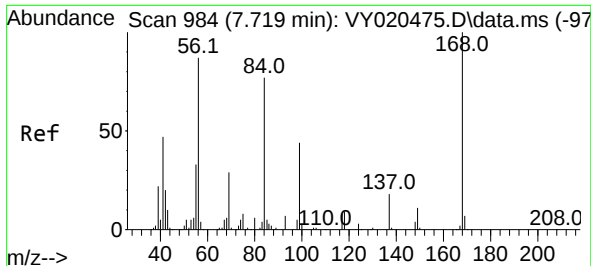
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

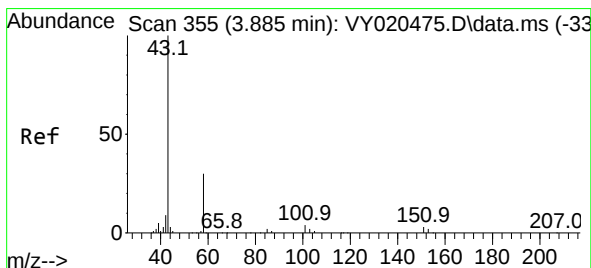
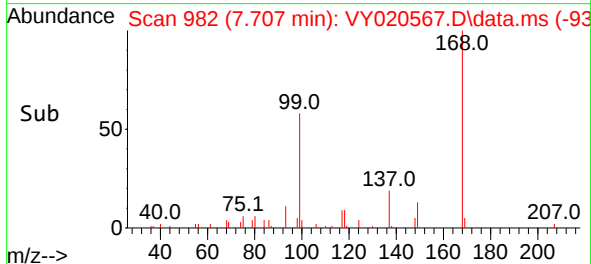
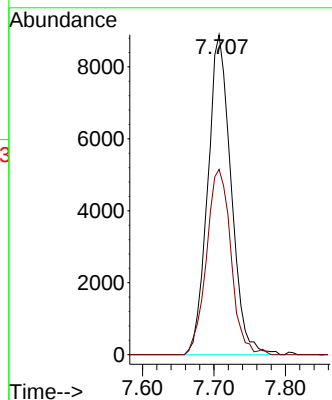
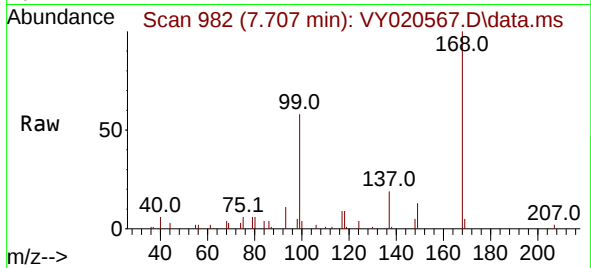




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

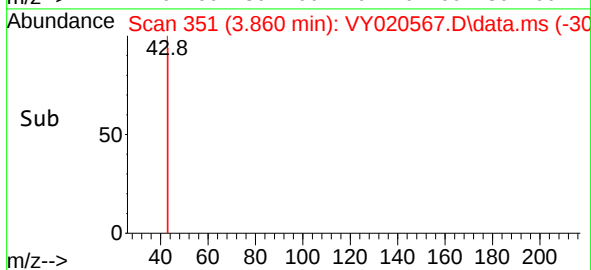
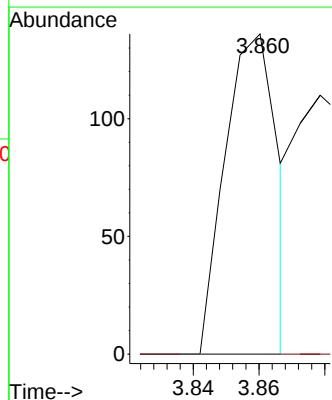
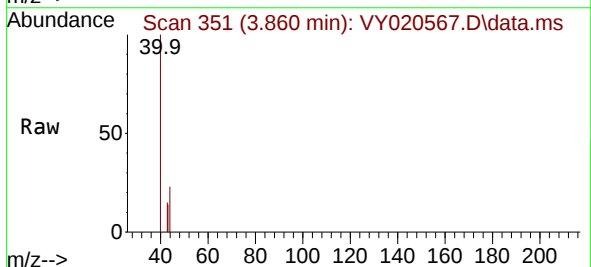
Instrument :
MSVOA_Y
ClientSampleId :

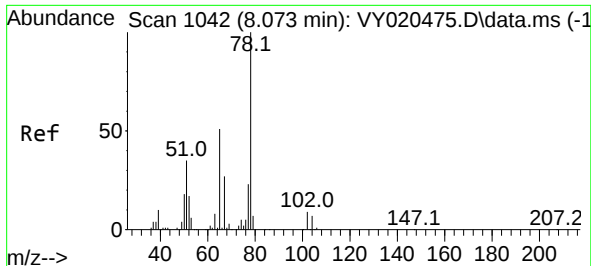
Tgt Ion:168 Resp: 20162
Ion Ratio Lower Upper
168 100
99 57.9 46.6 69.8



#16
Acetone
Concen: 2.962 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.024 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 43.028 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.018 min

Lab File: VY020567.D

Acq: 10 Dec 2024 14:13

Instrument :

MSVOA_Y

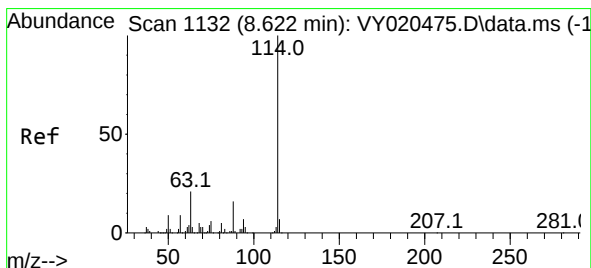
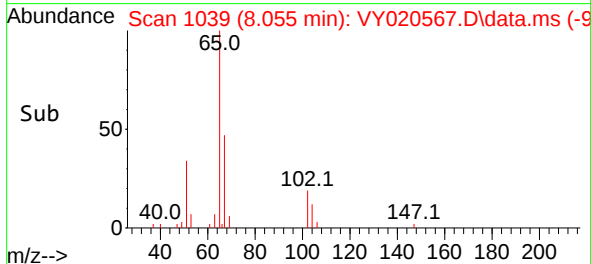
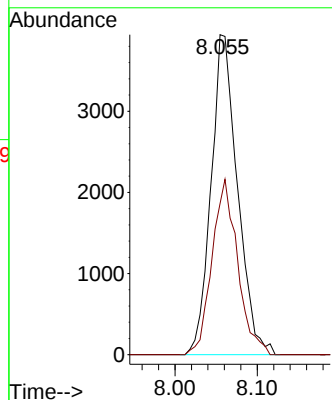
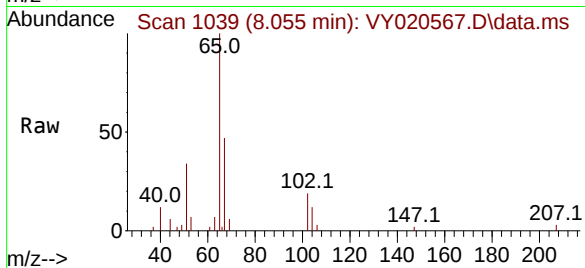
ClientSampleId :

Tgt Ion: 65 Resp: 8823

Ion Ratio Lower Upper

65 100

67 53.1 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: VY020567.D

Acq: 10 Dec 2024 14:13

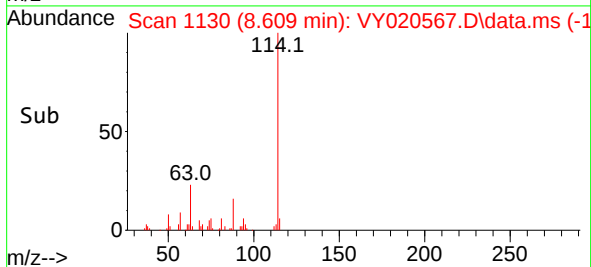
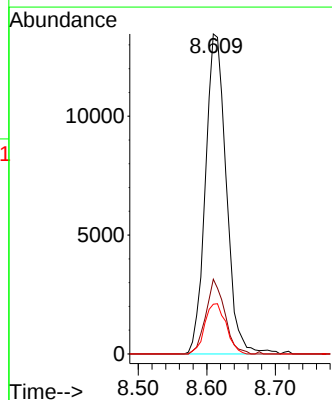
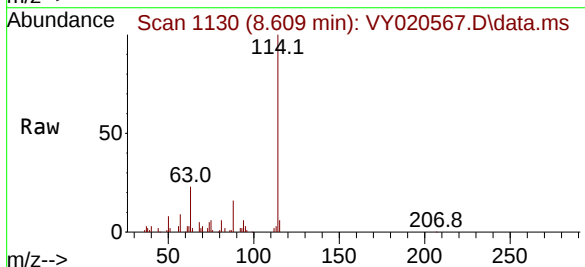
Tgt Ion: 114 Resp: 28458

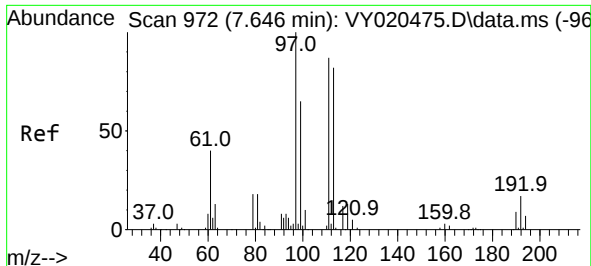
Ion Ratio Lower Upper

114 100

63 23.4 0.0 44.8

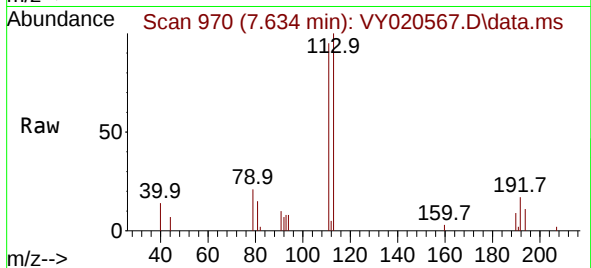
88 15.5 0.0 32.0



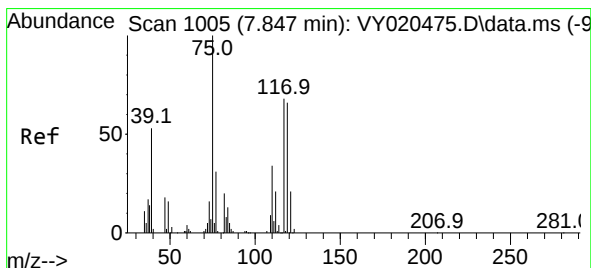
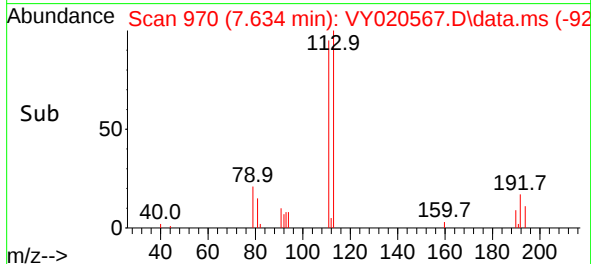
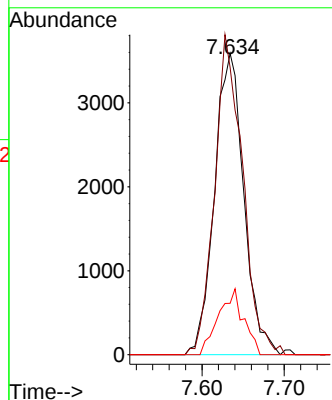


#35
Dibromofluoromethane
Concen: 49.750 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

Instrument :
MSVOA_Y
ClientSampleId :

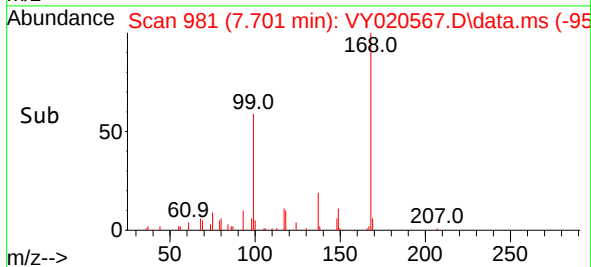
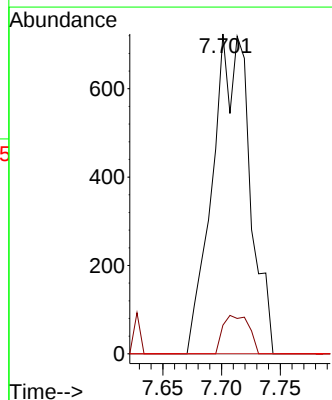
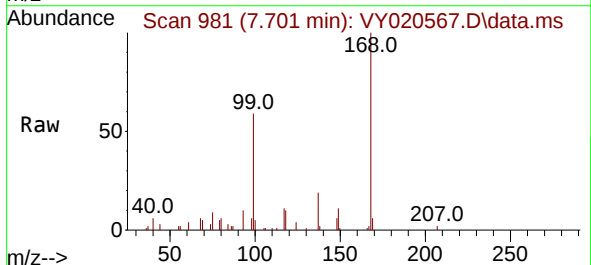


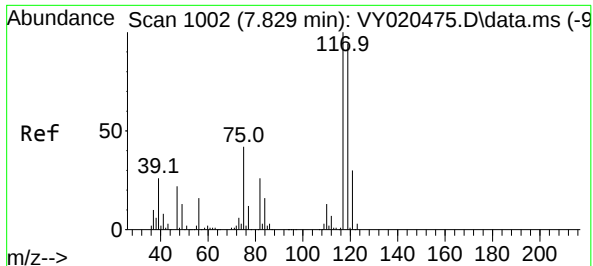
Tgt Ion:113 Resp: 8913
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 18.7 15.1 22.7



#36
1,1-Dichloropropene
Concen: 5.298 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.146 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

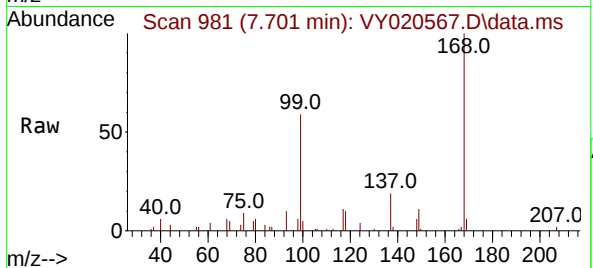
Tgt Ion: 75 Resp: 1603
Ion Ratio Lower Upper
75 100
110 8.4 16.7 50.0#
77 0.0 24.6 36.8#



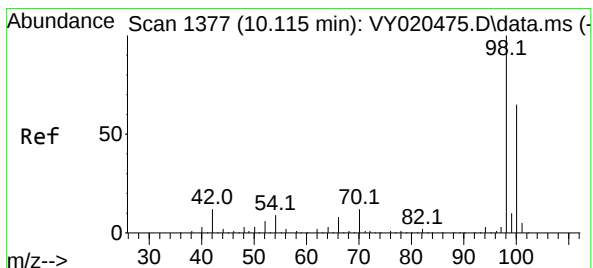
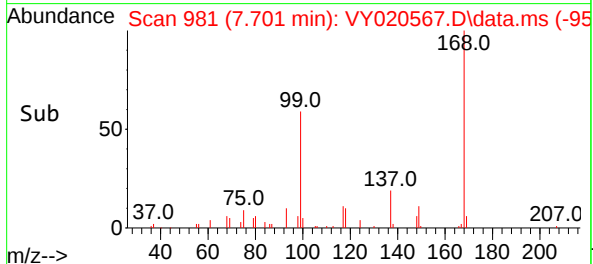
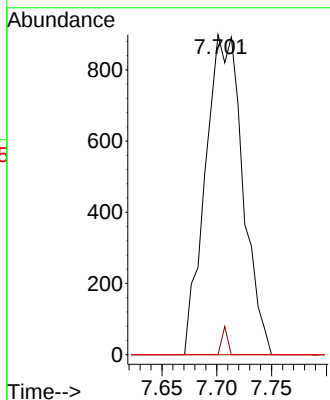


#38
Carbon Tetrachloride
Concen: 5.913 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

Instrument :
MSVOA_Y
ClientSampleId :

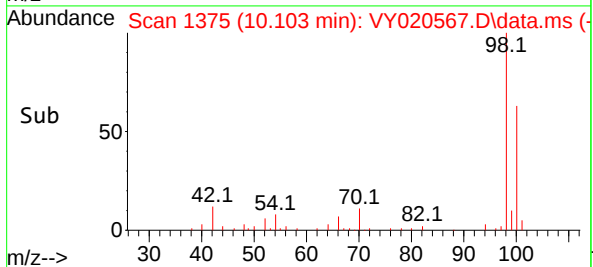
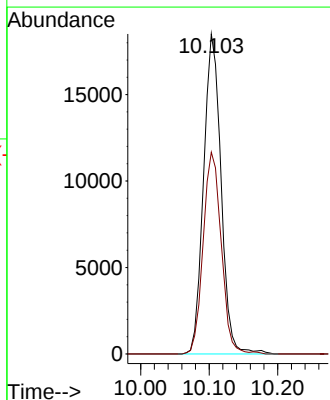
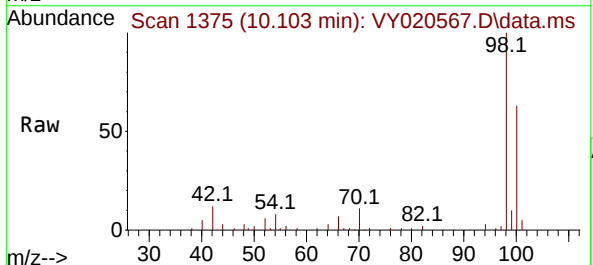


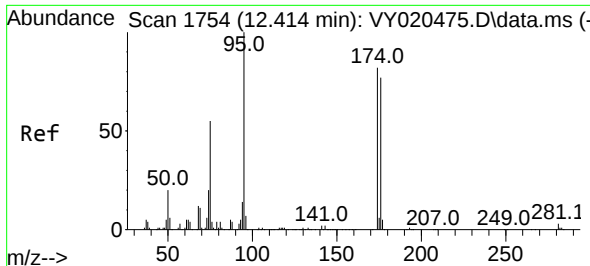
Tgt Ion:117 Resp: 2135
Ion Ratio Lower Upper
117 100
119 0.0 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.127 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.012 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

Tgt Ion: 98 Resp: 32832
Ion Ratio Lower Upper
98 100
100 65.3 51.3 76.9

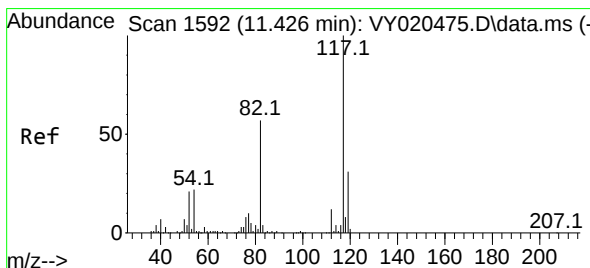
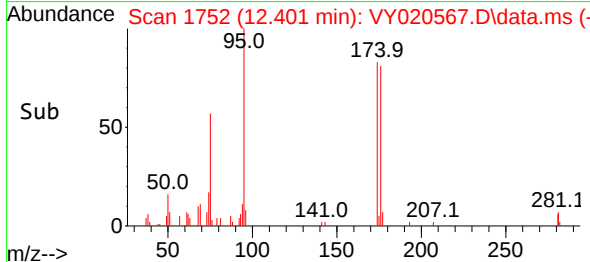
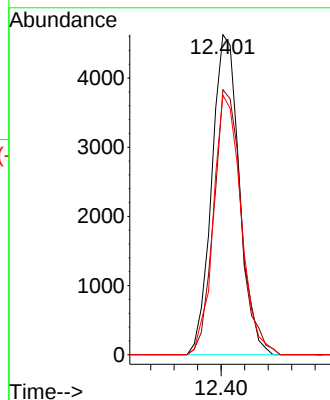
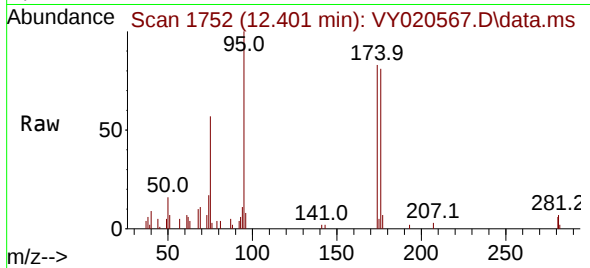




#62
4-Bromofluorobenzene
Concen: 31.568 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

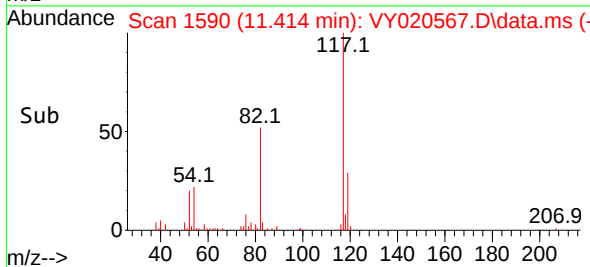
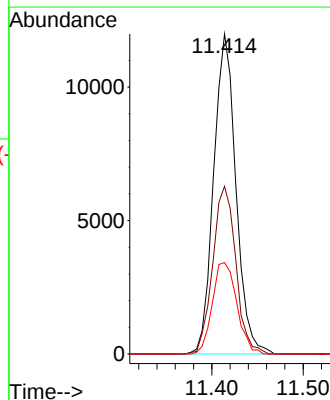
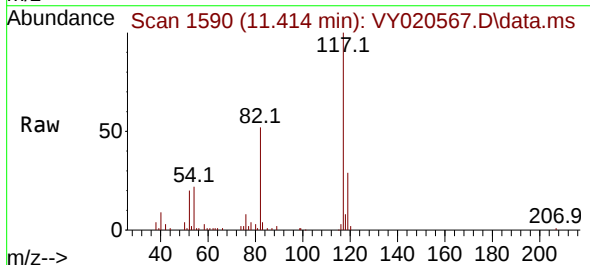
Instrument :
MSVOA_Y
ClientSampleId :

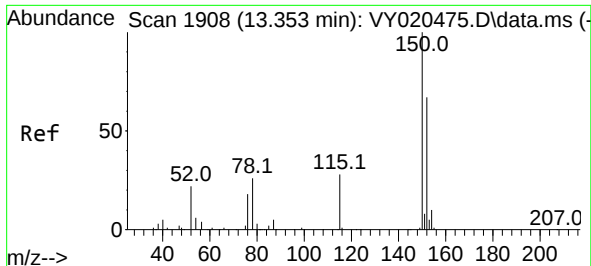
Tgt Ion:	95	Resp:	7532
Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	156.8
176	81.5	0.0	152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.012 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

Tgt Ion:	117	Resp:	20266
Ion	Ratio	Lower	Upper
117	100		
82	52.4	48.2	72.4
119	28.6	25.8	38.8

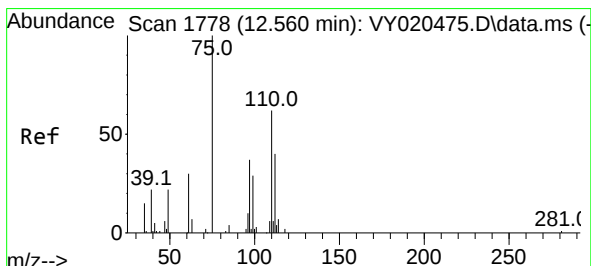
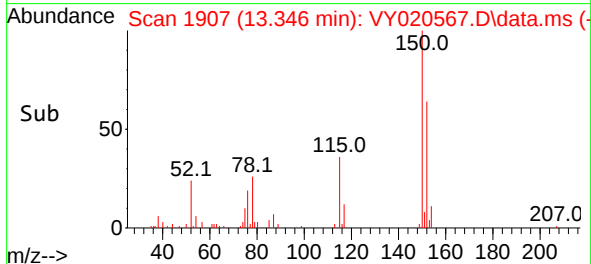
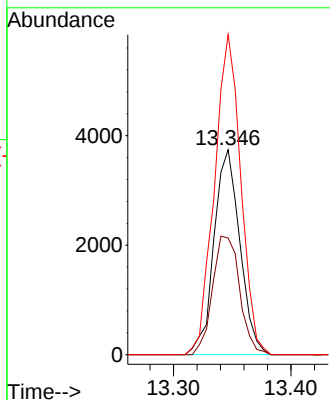
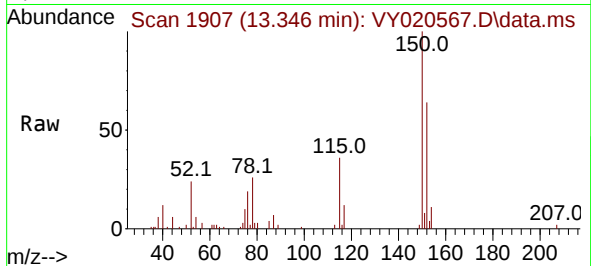




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY020567.D
 Acq: 10 Dec 2024 14:13

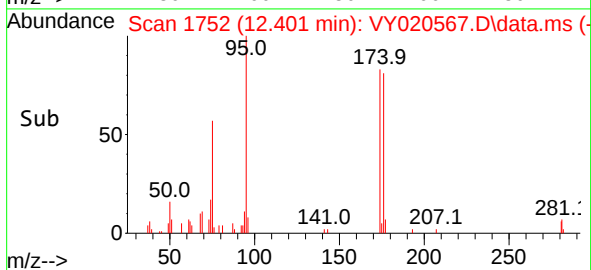
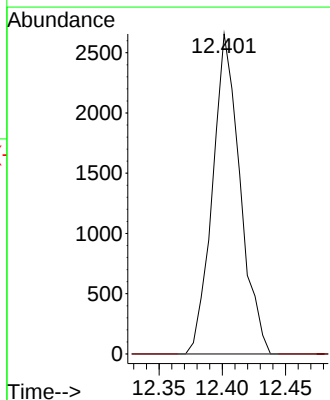
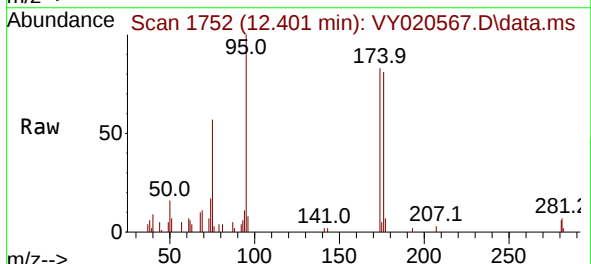
Instrument :
 MSVOA_Y
 ClientSampleId :

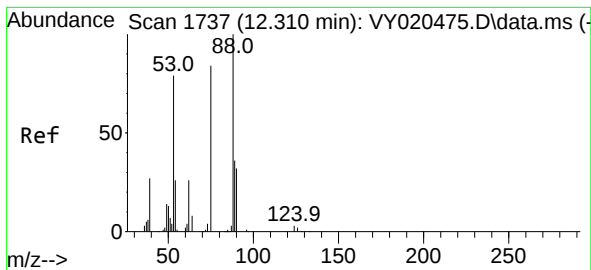
Tgt Ion:152 Resp: 5735
 Ion Ratio Lower Upper
 152 100
 115 60.5 30.0 90.0
 150 158.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 68.896 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.159 min
 Lab File: VY020567.D
 Acq: 10 Dec 2024 14:13

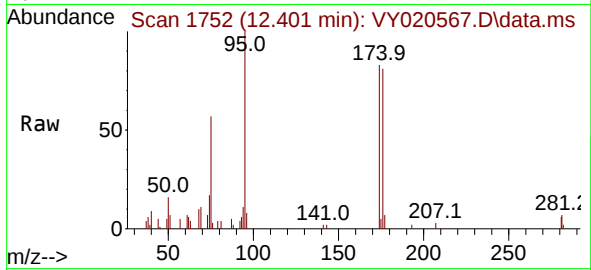
Tgt Ion: 75 Resp: 4025
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 141.364 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY020567.D
Acq: 10 Dec 2024 14:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 4025
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

