

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020659.D
 Acq On : 19 Dec 2024 16:46
 Operator : SY/MD
 Sample : P5306-15
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 00:57:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

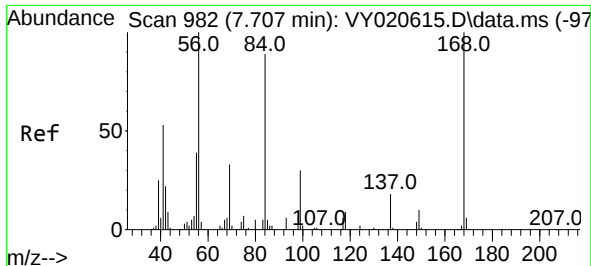
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	101451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	168414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	136761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	51565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	65757	59.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.360%	
35) Dibromofluoromethane	7.634	113	62056	52.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.560%	
50) Toluene-d8	10.109	98	230278	55.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.860%	
62) 4-Bromofluorobenzene	12.408	95	66783	41.094	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.180%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.848	59	97	Below Cal	#	75
16) Acetone	3.873	43	710	Below Cal	#	84
30) Chloroform	7.427	83	802	Below Cal		100
36) 1,1-Dichloropropene	7.707	75	8202	3.790	ug/l #	51
38) Carbon Tetrachloride	7.707	117	10092	4.215	ug/l #	14
76) 1,2,3-Trichloropropane	12.408	75	35725	66.693	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	35725	139.992	ug/l #	12

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

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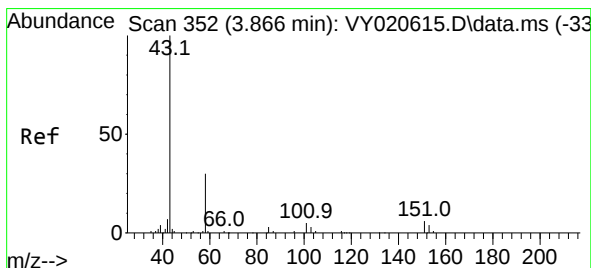
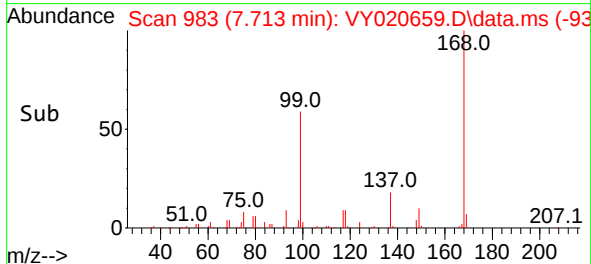
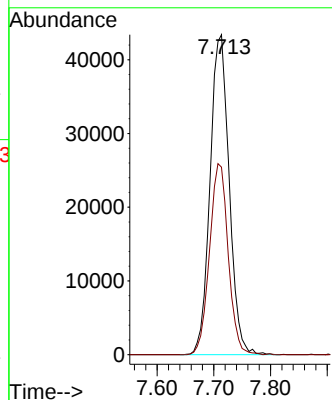
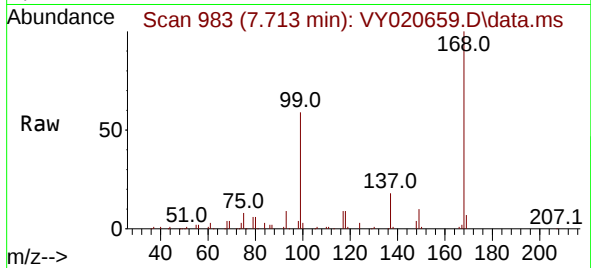




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

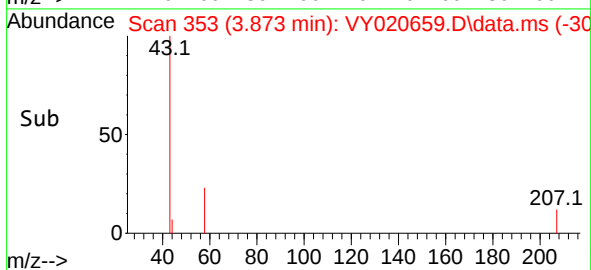
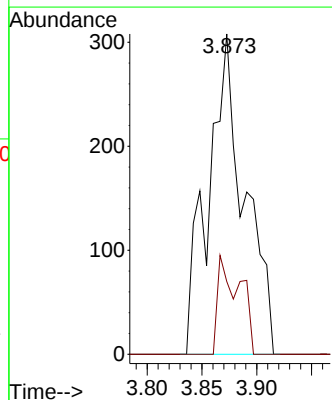
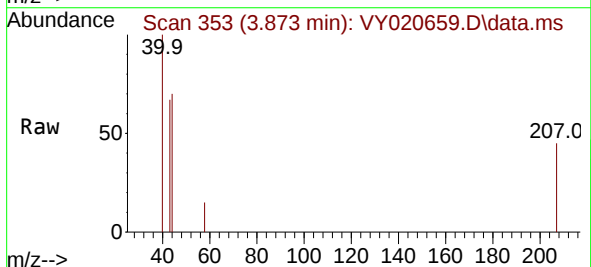
Instrument :
MSVOA_Y
ClientSampleId :

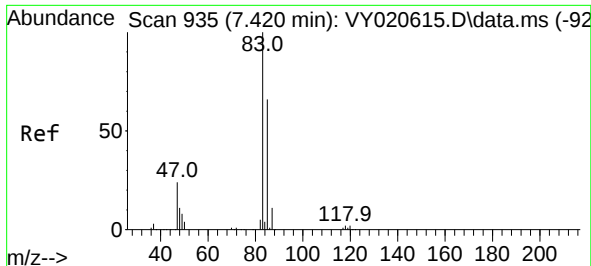
Tgt Ion:168 Resp: 101451
Ion Ratio Lower Upper
168 100
99 58.6 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.873 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
58 22.7 25.0 37.6#





#30

Chloroform

Concen: Below Cal

RT: 7.427 min Scan# 91

Delta R.T. 0.007 min

Lab File: VY020659.D

Acq: 19 Dec 2024 16:46

Instrument :

MSVOA_Y

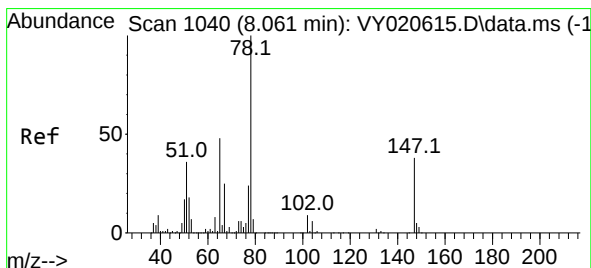
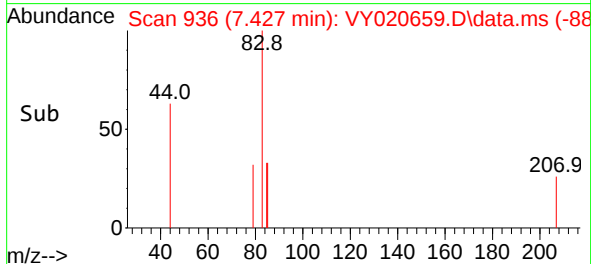
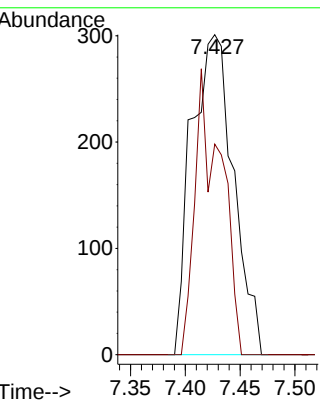
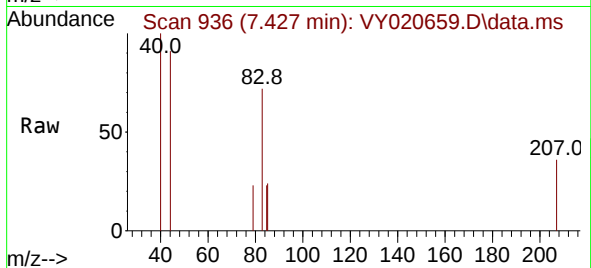
ClientSampleId :

Tgt Ion: 83 Resp: 802

Ion Ratio Lower Upper

83 100

85 65.8 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 59.182 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020659.D

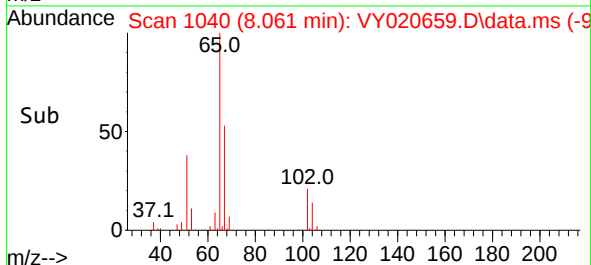
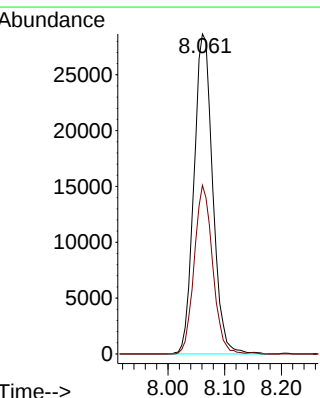
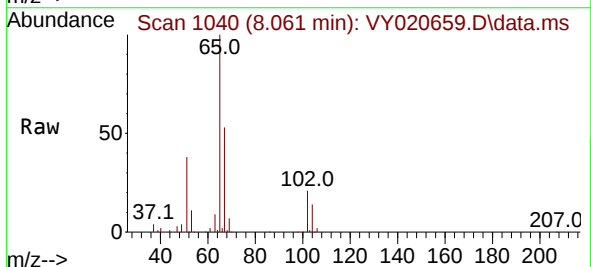
Acq: 19 Dec 2024 16:46

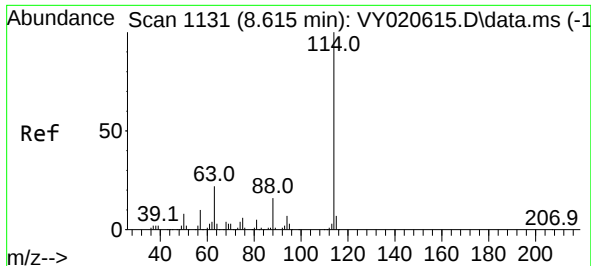
Tgt Ion: 65 Resp: 65757

Ion Ratio Lower Upper

65 100

67 51.6 0.0 108.0

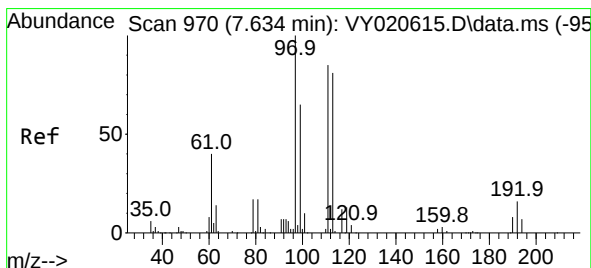
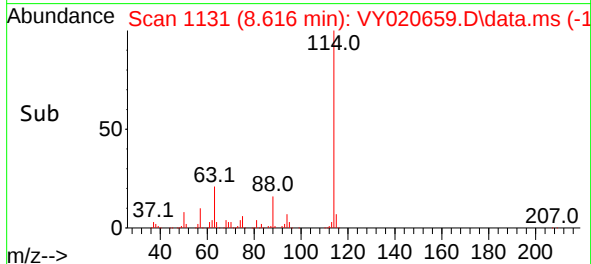
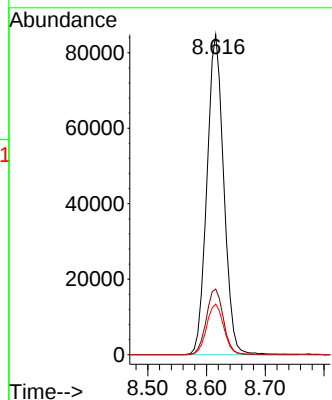
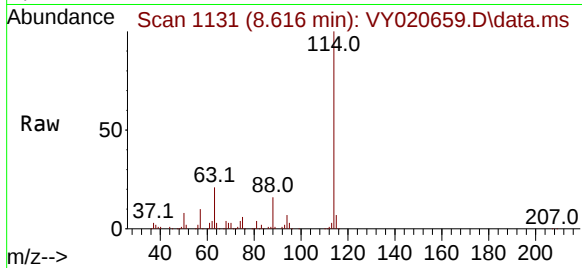




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

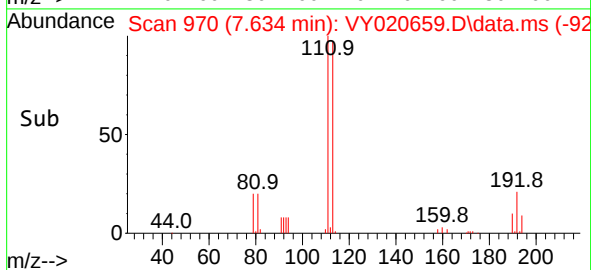
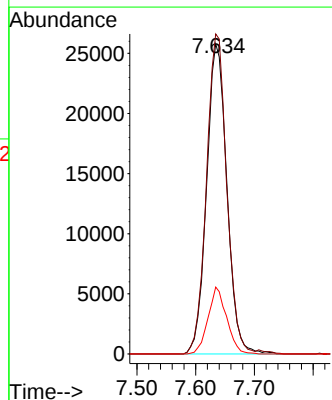
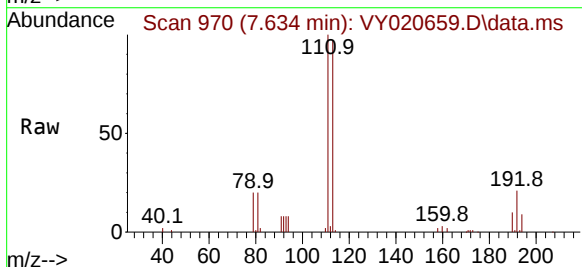
Instrument :
MSVOA_Y
ClientSampleId :

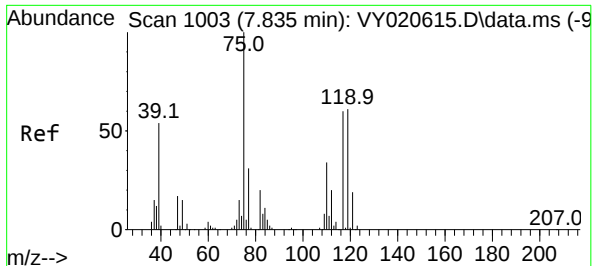
Tgt Ion:	114	Resp:	168414
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.0
88	15.8	0.0	32.8



#35
Dibromofluoromethane
Concen: 52.282 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Tgt Ion:	113	Resp:	62056
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	19.8	15.7	23.5





#36

1,1-Dichloropropene

Concen: 3.790 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

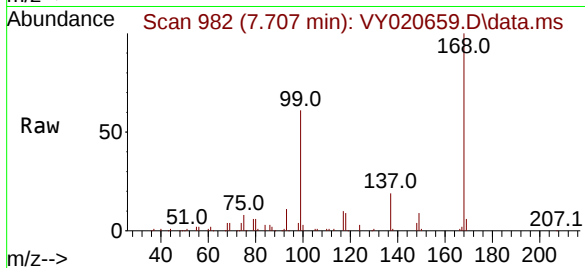
Lab File: VY020659.D

Acq: 19 Dec 2024 16:46

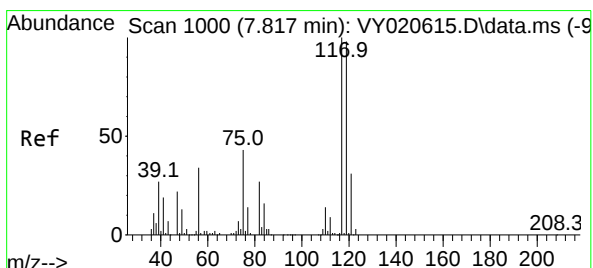
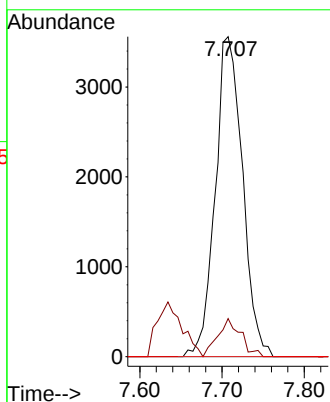
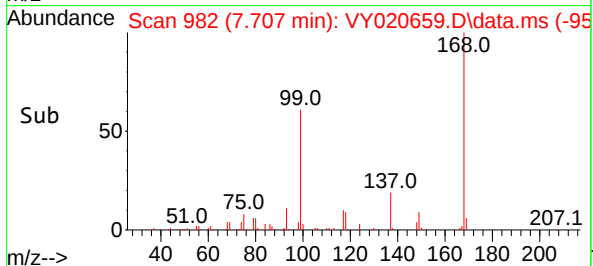
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	8202
Ion	Ratio	Lower	Upper
75	100		
110	10.1	16.8	50.4#
77	0.0	25.0	37.6#



#38

Carbon Tetrachloride

Concen: 4.215 ug/l

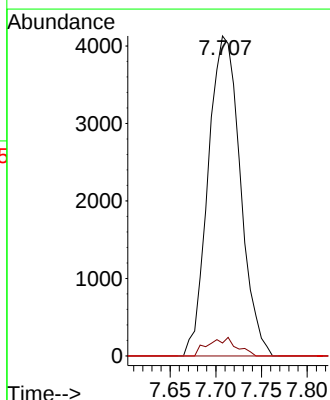
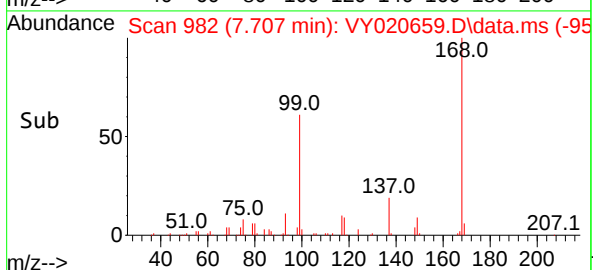
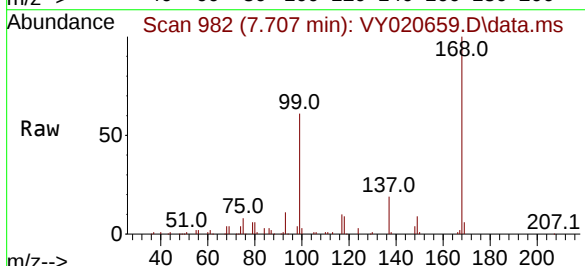
RT: 7.707 min Scan# 982

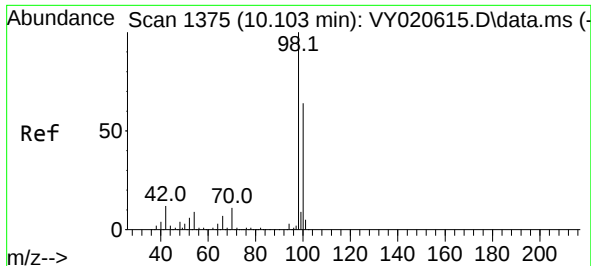
Delta R.T. -0.109 min

Lab File: VY020659.D

Acq: 19 Dec 2024 16:46

Tgt Ion:	117	Resp:	10092
Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.3	117.5#
121	0.0	25.1	37.7#

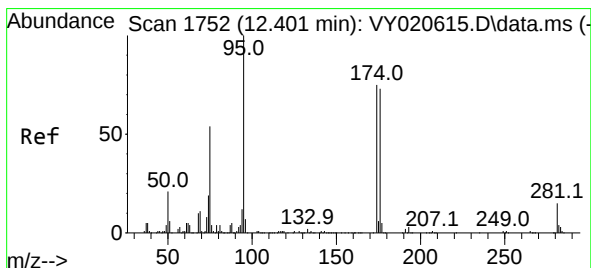
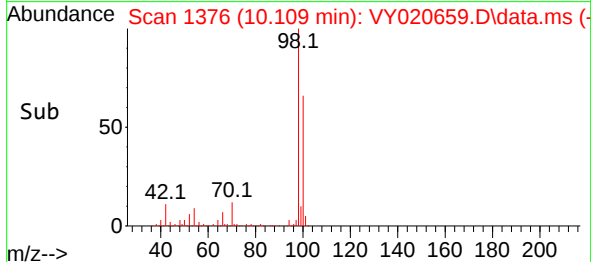
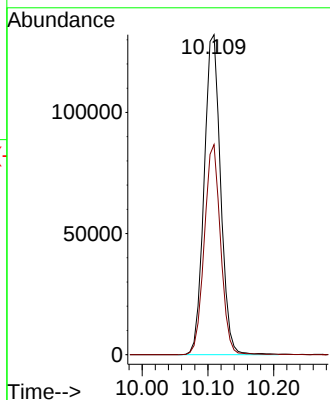
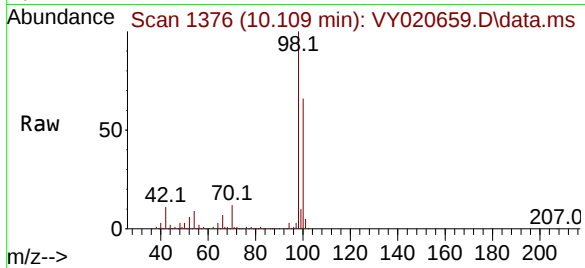




#50
Toluene-d8
Concen: 55.429 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

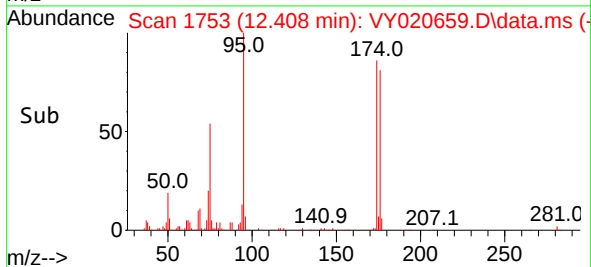
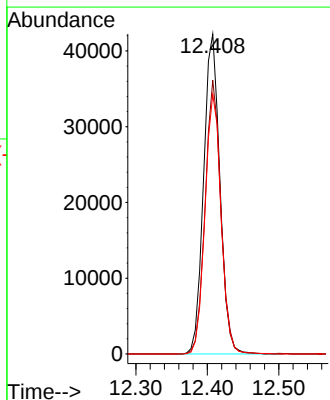
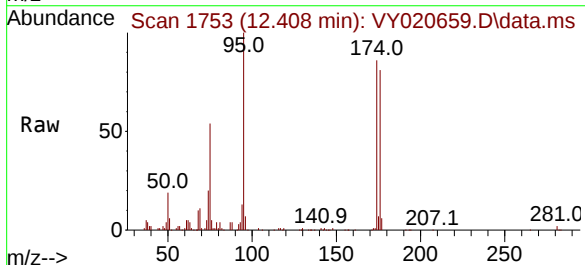
Instrument :
MSVOA_Y
ClientSampleId :

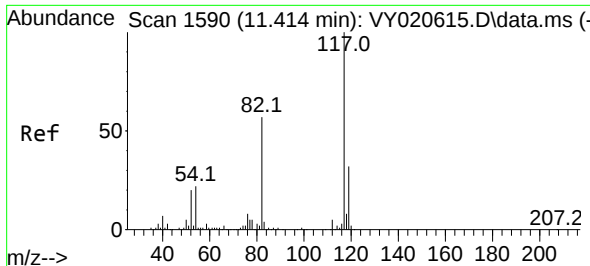
Tgt Ion: 98 Resp: 230278
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.094 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Tgt Ion: 95 Resp: 66783
Ion Ratio Lower Upper
95 100
174 82.9 0.0 161.8
176 80.2 0.0 156.6

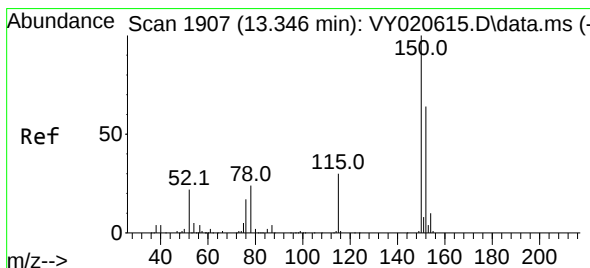
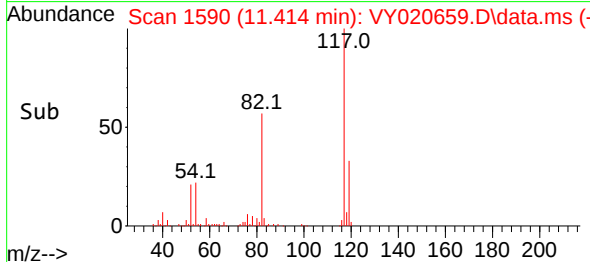
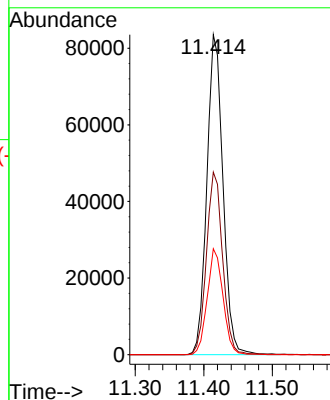
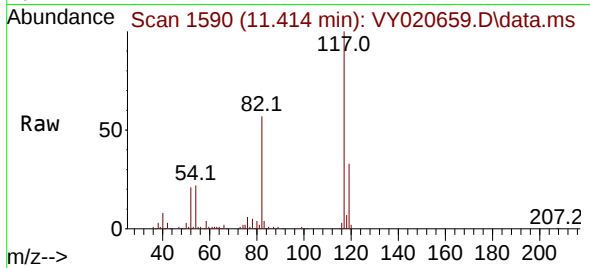




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

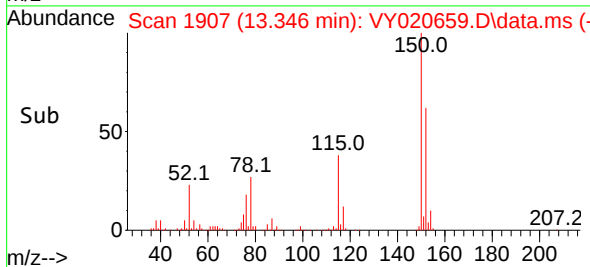
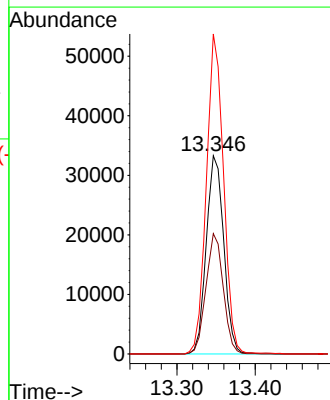
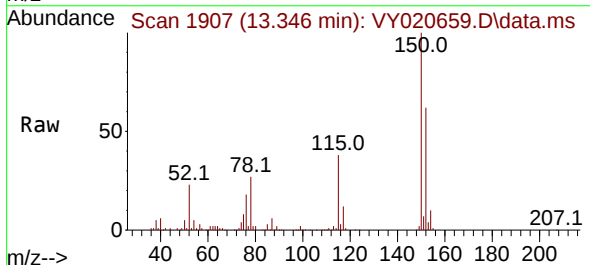
Instrument :
MSVOA_Y
ClientSampleId :

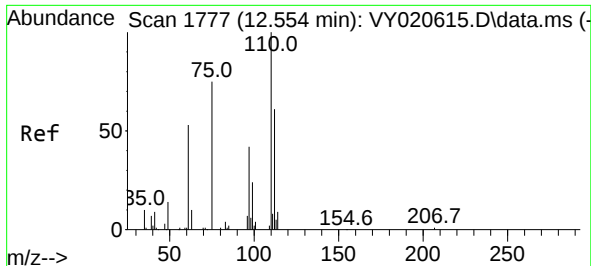
Tgt Ion:117 Resp: 136761
Ion Ratio Lower Upper
117 100
82 57.0 45.8 68.6
119 33.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Tgt Ion:152 Resp: 51565
Ion Ratio Lower Upper
152 100
115 60.2 30.2 90.6
150 158.1 0.0 355.4

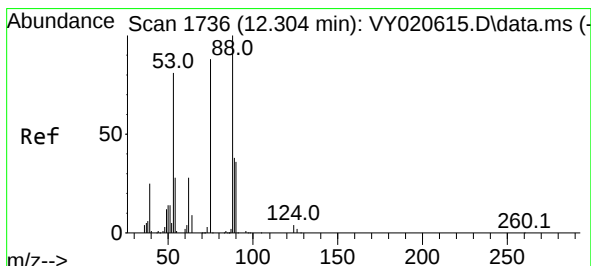
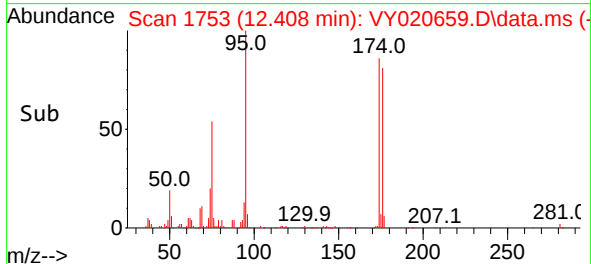
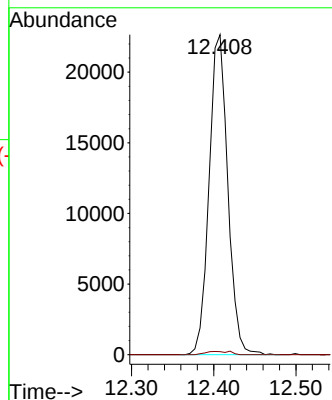
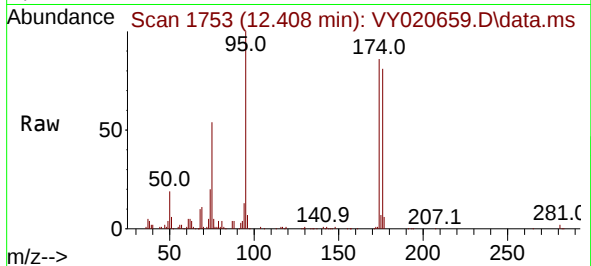




#76
1,2,3-Trichloropropane
Concen: 66.693 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35725
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.992 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020659.D
Acq: 19 Dec 2024 16:46

Tgt Ion: 75 Resp: 35725
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.1 37.0 55.4#

