

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020747.D
 Acq On : 27 Dec 2024 18:18
 Operator : SY/MD
 Sample : P5391-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 28 03:06:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

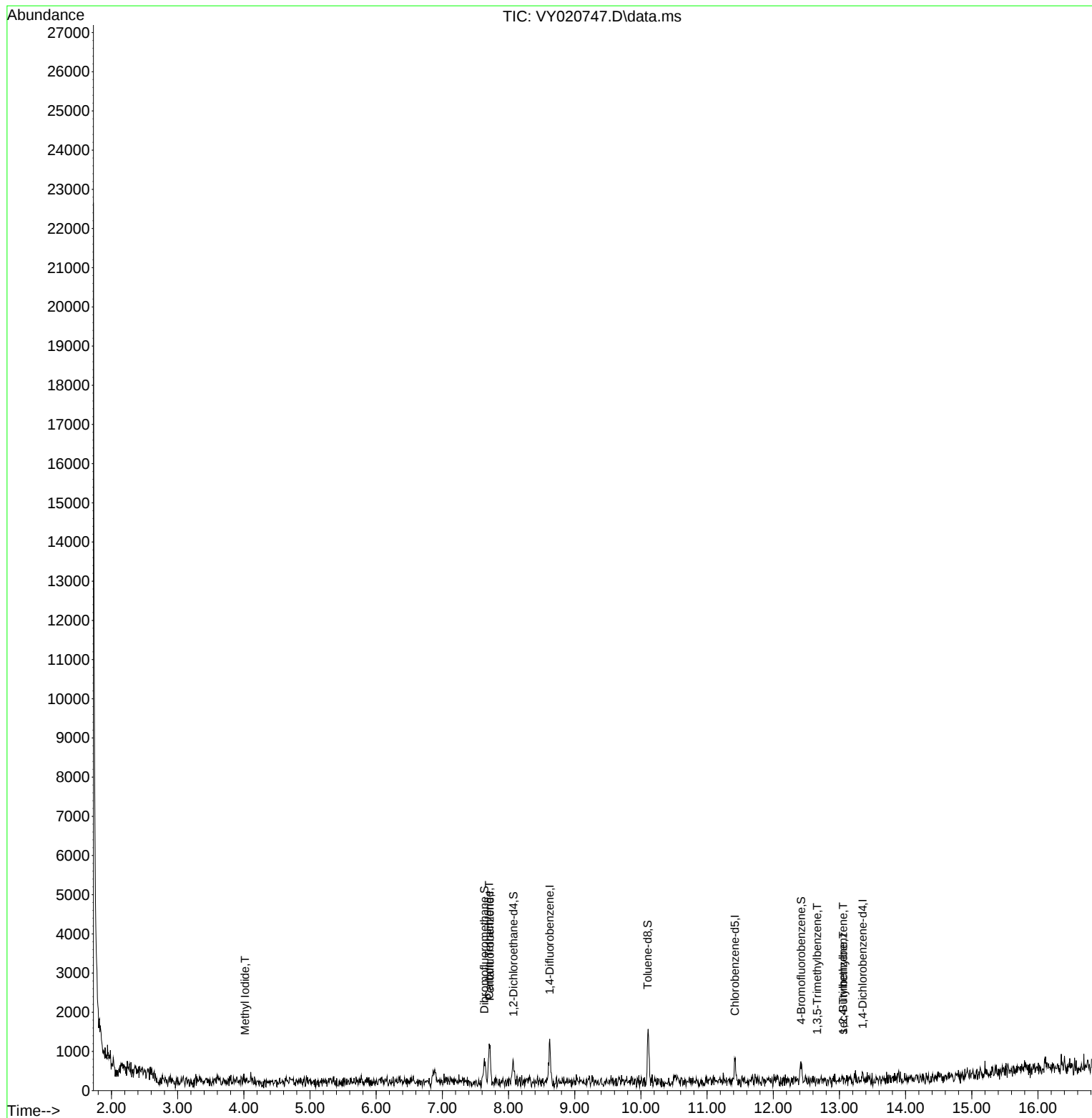
Internal Standards						
1) Pentafluorobenzene	7.720	168	1135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	45	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	519	55.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.634	113	492	56.857	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.720%
50) Toluene-d8	10.103	98	1240	36.517	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.040%
62) 4-Bromofluorobenzene	12.420	95	99	8.609	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	17.220%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.019	142	42	4.407	ug/l #	29
38) Carbon Tetrachloride	7.707	117	58	3.081	ug/l #	13
80) 1,3,5-Trimethylbenzene	12.664	105	57	21.944	ug/l #	29
84) 1,2,4-Trimethylbenzene	13.054	105	98	38.771	ug/l #	32
85) sec-Butylbenzene	13.054	105	98	29.976	ug/l #	55

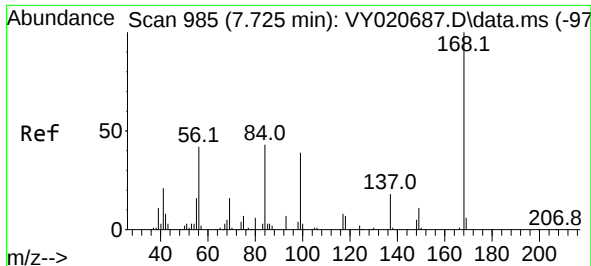
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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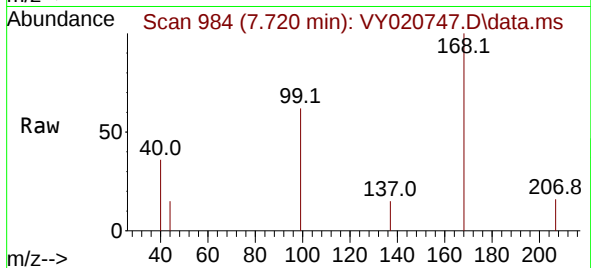
Quant Time: Dec 28 03:06:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
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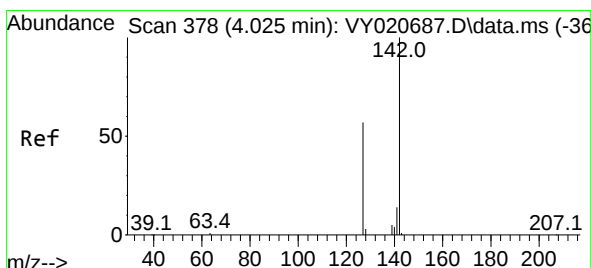
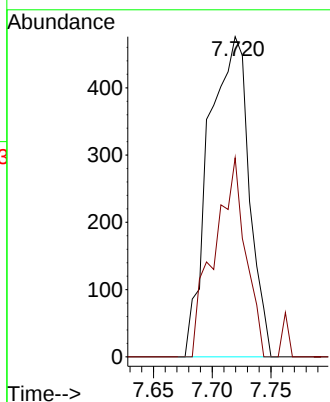
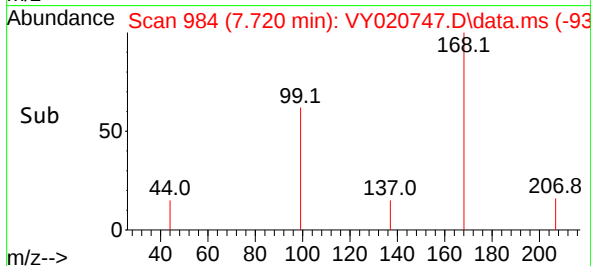


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

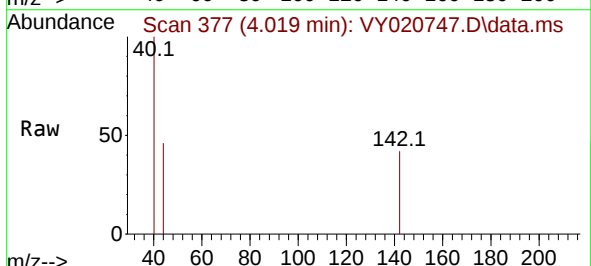
Instrument :
MSVOA_Y
ClientSampleId :



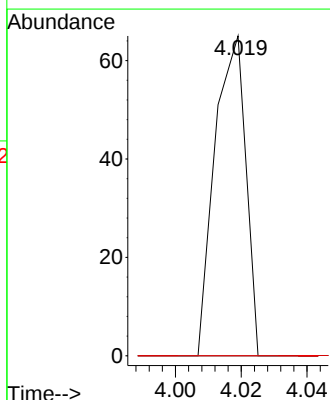
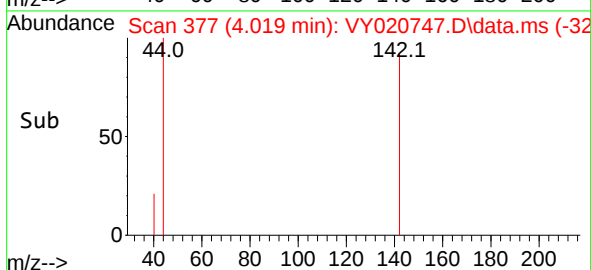
Tgt Ion:168 Resp: 1135
Ion Ratio Lower Upper
168 100
99 62.2 43.8 65.6

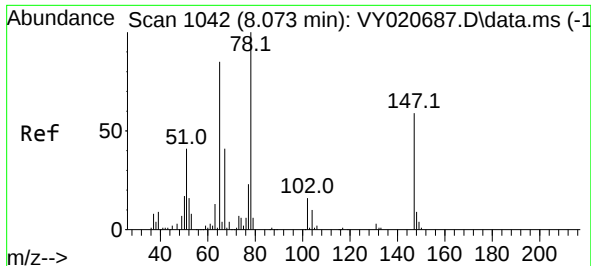


#10
Methyl Iodide
Concen: 4.407 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.006 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18



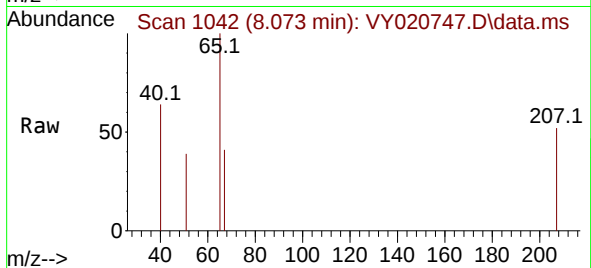
Tgt Ion:142 Resp: 42
Ion Ratio Lower Upper
142 100
127 0.0 48.8 73.2#
141 0.0 11.9 17.9#



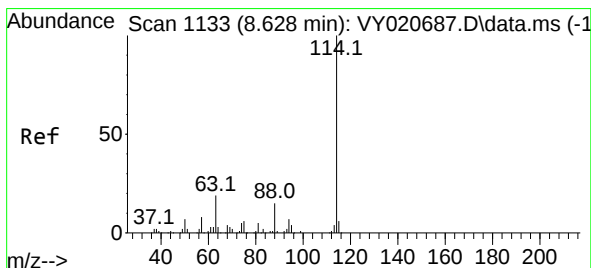
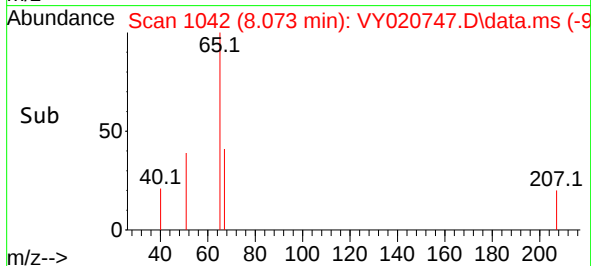
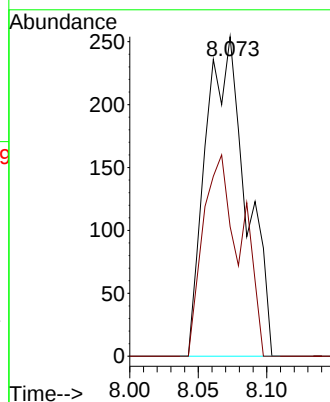


#33
1,2-Dichloroethane-d4
Concen: 55.826 ug/l
RT: 8.073 min Scan# 110
Delta R.T. 0.000 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

Instrument :
MSVOA_Y
ClientSampleId :

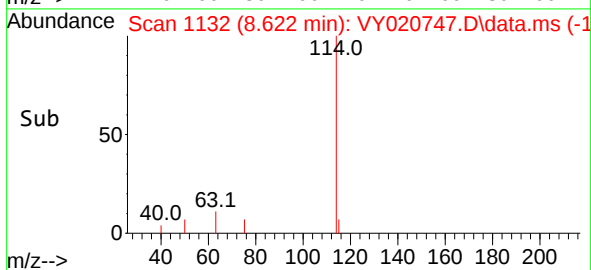
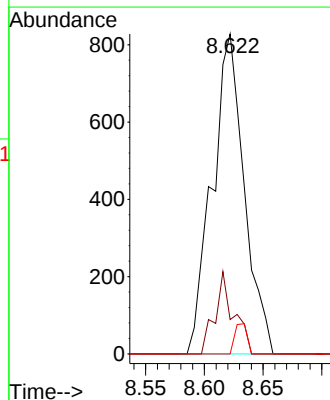
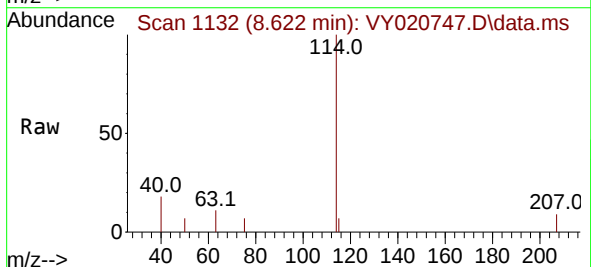


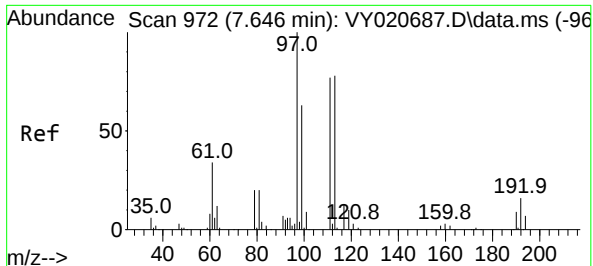
Tgt Ion: 65 Resp: 519
Ion Ratio Lower Upper
65 100
67 59.2 0.0 98.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

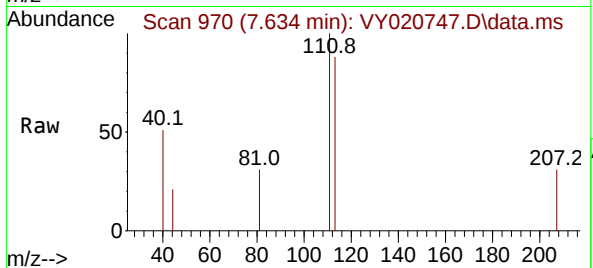
Tgt Ion: 114 Resp: 1571
Ion Ratio Lower Upper
114 100
63 10.7 0.0 38.4
88 0.0 0.0 30.4



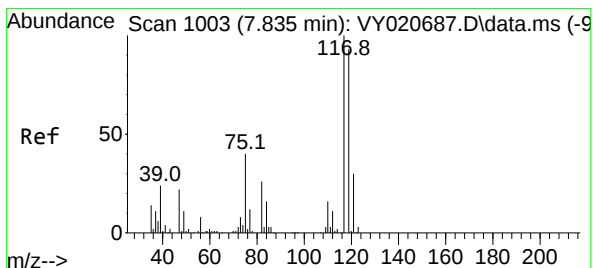
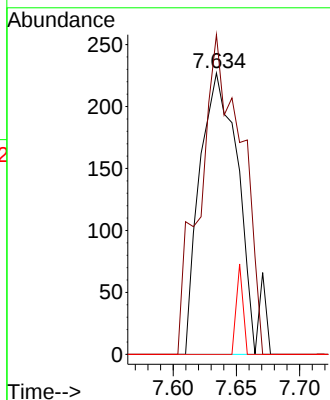
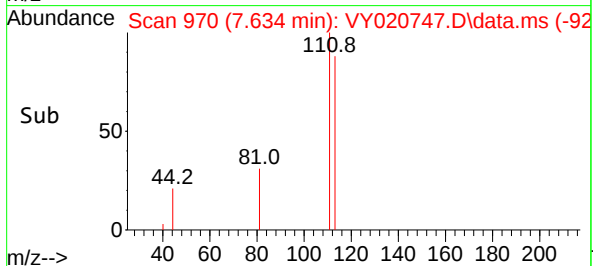


#35
Dibromofluoromethane
Concen: 56.857 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

Instrument :
MSVOA_Y
ClientSampleId :

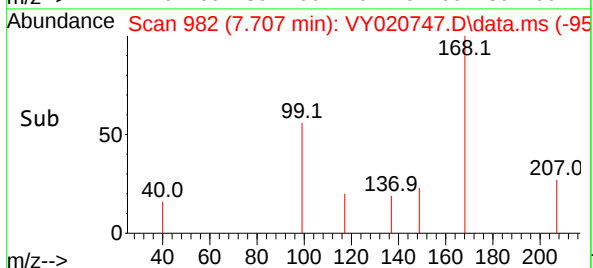
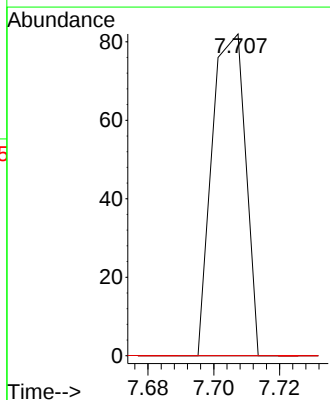
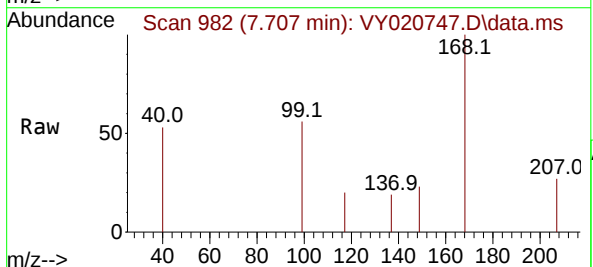


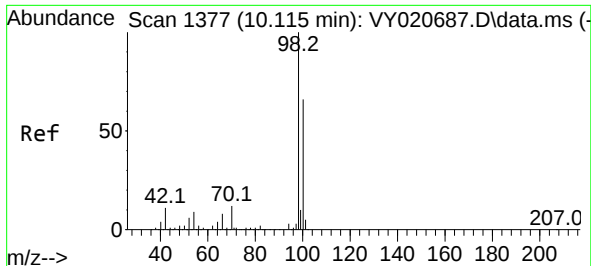
Tgt Ion:113 Resp: 492
Ion Ratio Lower Upper
113 100
111 119.3 79.8 119.8
192 5.5 17.0 25.6#



#38
Carbon Tetrachloride
Concen: 3.081 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

Tgt Ion:117 Resp: 58
Ion Ratio Lower Upper
117 100
119 0.0 74.4 111.6#
121 0.0 24.2 36.2#

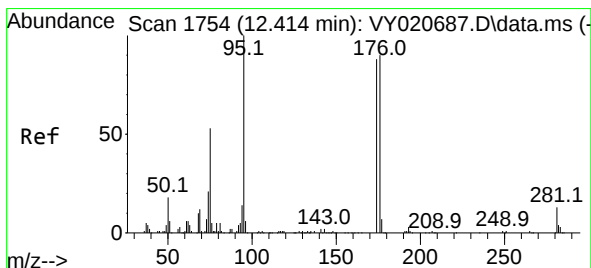
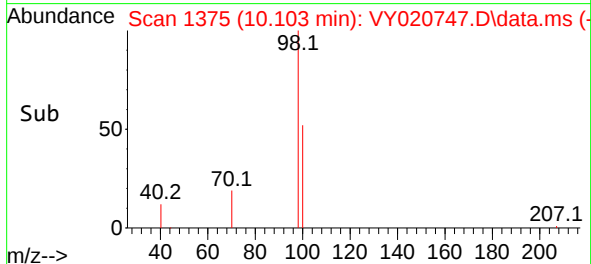
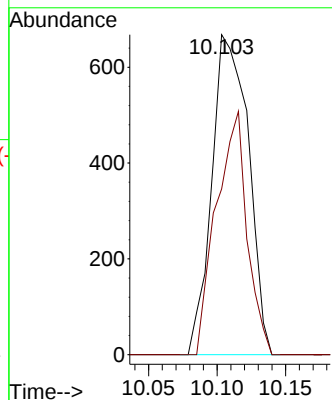
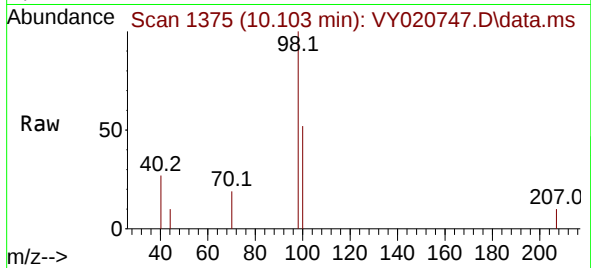




#50
Toluene-d8
Concen: 36.517 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

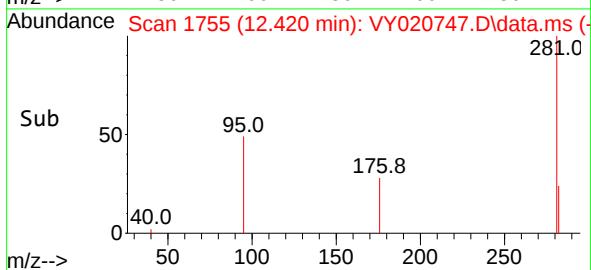
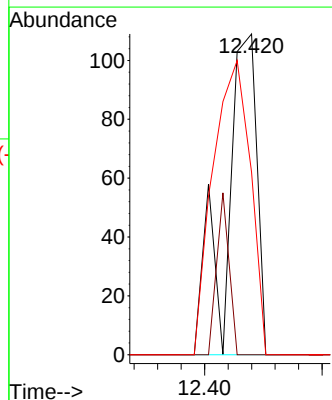
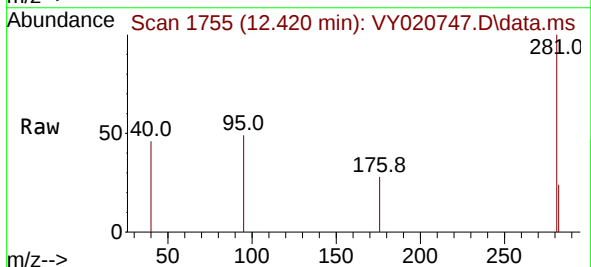
Instrument :
MSVOA_Y
ClientSampleId :

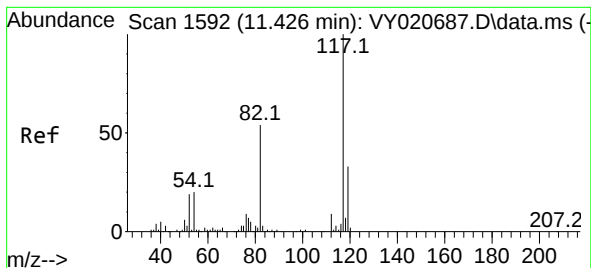
Tgt Ion: 98 Resp: 1240
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 8.609 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

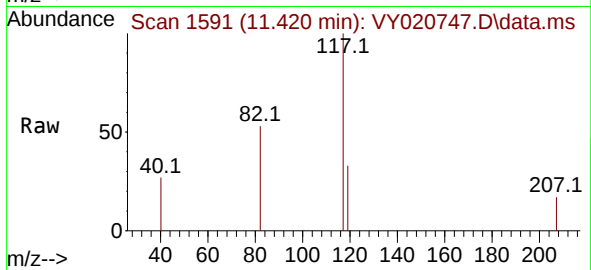
Tgt Ion: 95 Resp: 99
Ion Ratio Lower Upper
95 100
174 20.2 0.0 179.2
176 111.1 0.0 179.8



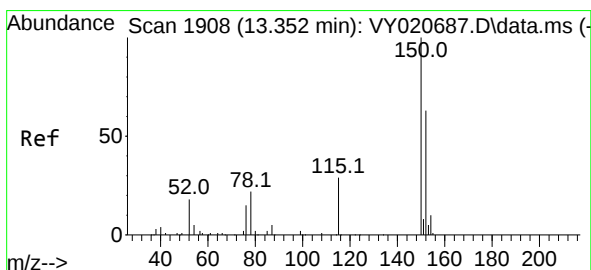
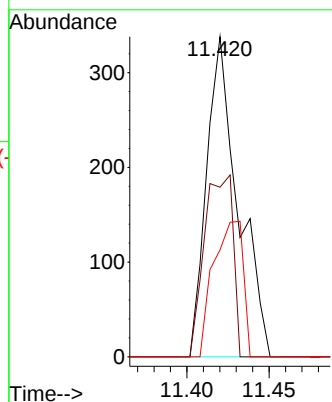
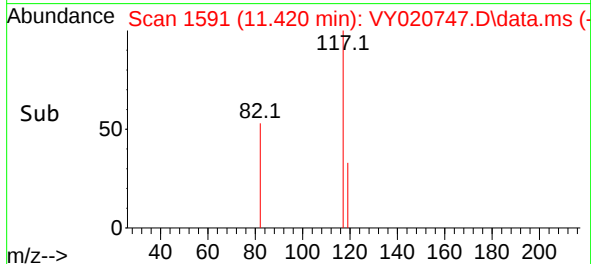


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

Instrument :
MSVOA_Y
ClientSampleId :

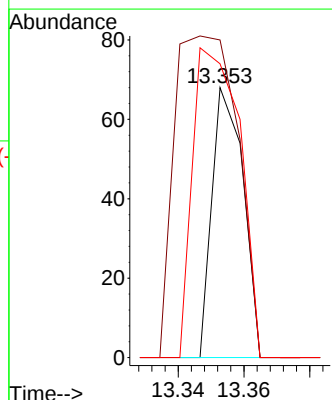
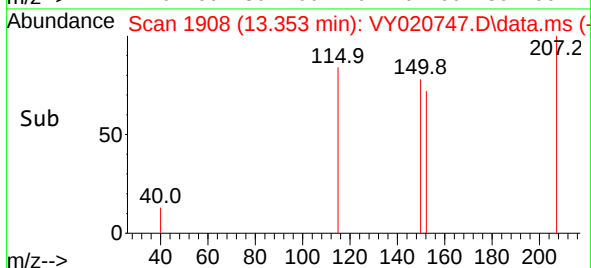
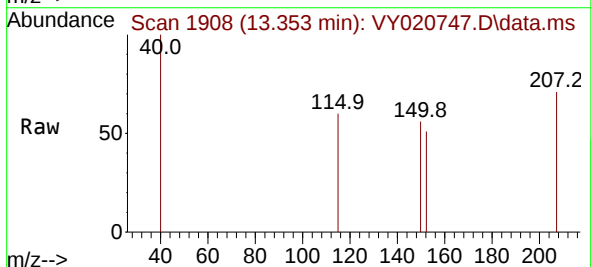


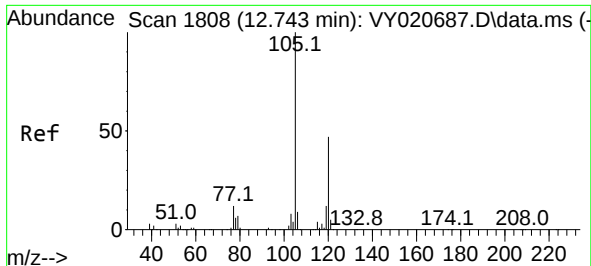
Tgt Ion:117 Resp: 450
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.2
119 33.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.001 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

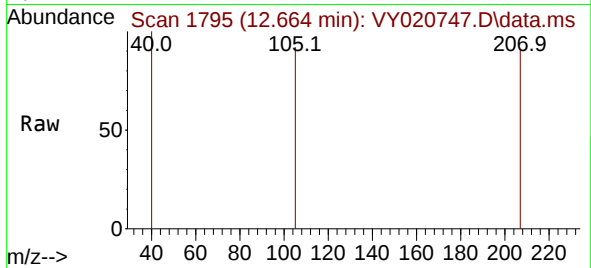
Tgt Ion:152 Resp: 45
Ion Ratio Lower Upper
152 100
115 240.0 30.3 90.9#
150 173.3 0.0 349.0



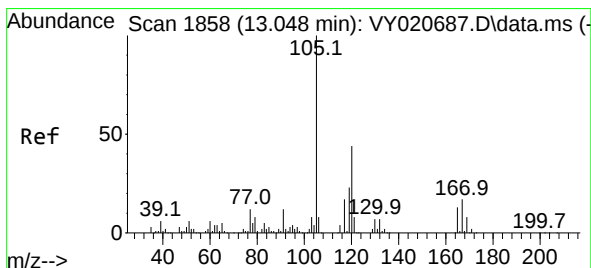
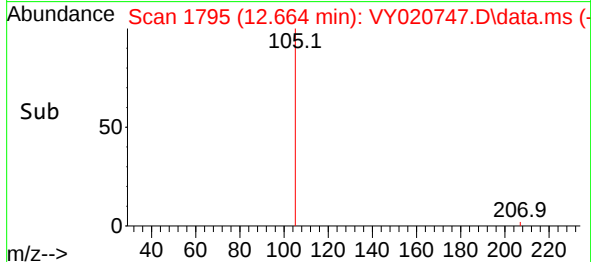
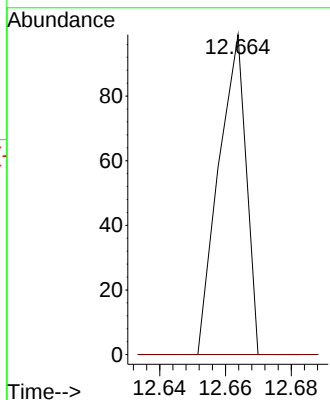


#80
1,3,5-Trimethylbenzene
Concen: 21.944 ug/l
RT: 12.664 min Scan# 11
Delta R.T. -0.079 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

Instrument :
MSVOA_Y
ClientSampleId :

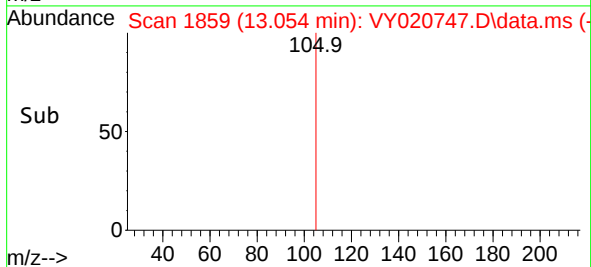
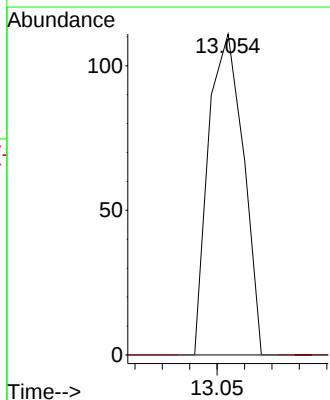
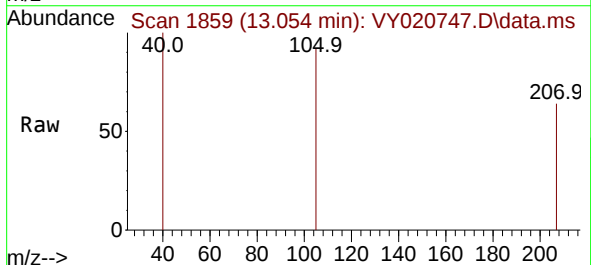


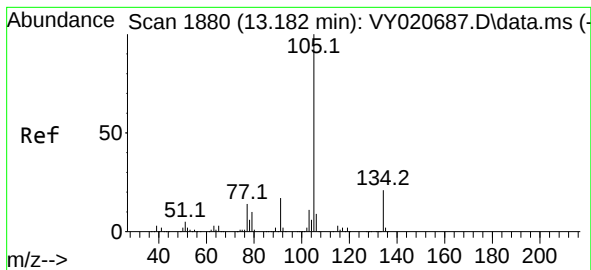
Tgt Ion:105 Resp: 57
Ion Ratio Lower Upper
105 100
120 0.0 23.9 71.7#



#84
1,2,4-Trimethylbenzene
Concen: 38.771 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY020747.D
Acq: 27 Dec 2024 18:18

Tgt Ion:105 Resp: 98
Ion Ratio Lower Upper
105 100
120 0.0 21.8 65.3#





#85

sec-Butylbenzene

Concen: 29.976 ug/l

RT: 13.054 min Scan# 11

Delta R.T. -0.128 min

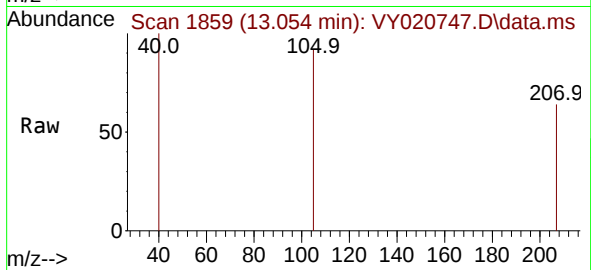
Lab File: VY020747.D

Acq: 27 Dec 2024 18:18

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:105 Resp: 98

Ion Ratio Lower Upper

105 100

134 0.0 10.7 32.1#

