

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020717.D
 Acq On : 26 Dec 2024 15:18
 Operator : SY/MD
 Sample : P5383-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-12232024

Quant Time: Dec 26 16:15:34 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)

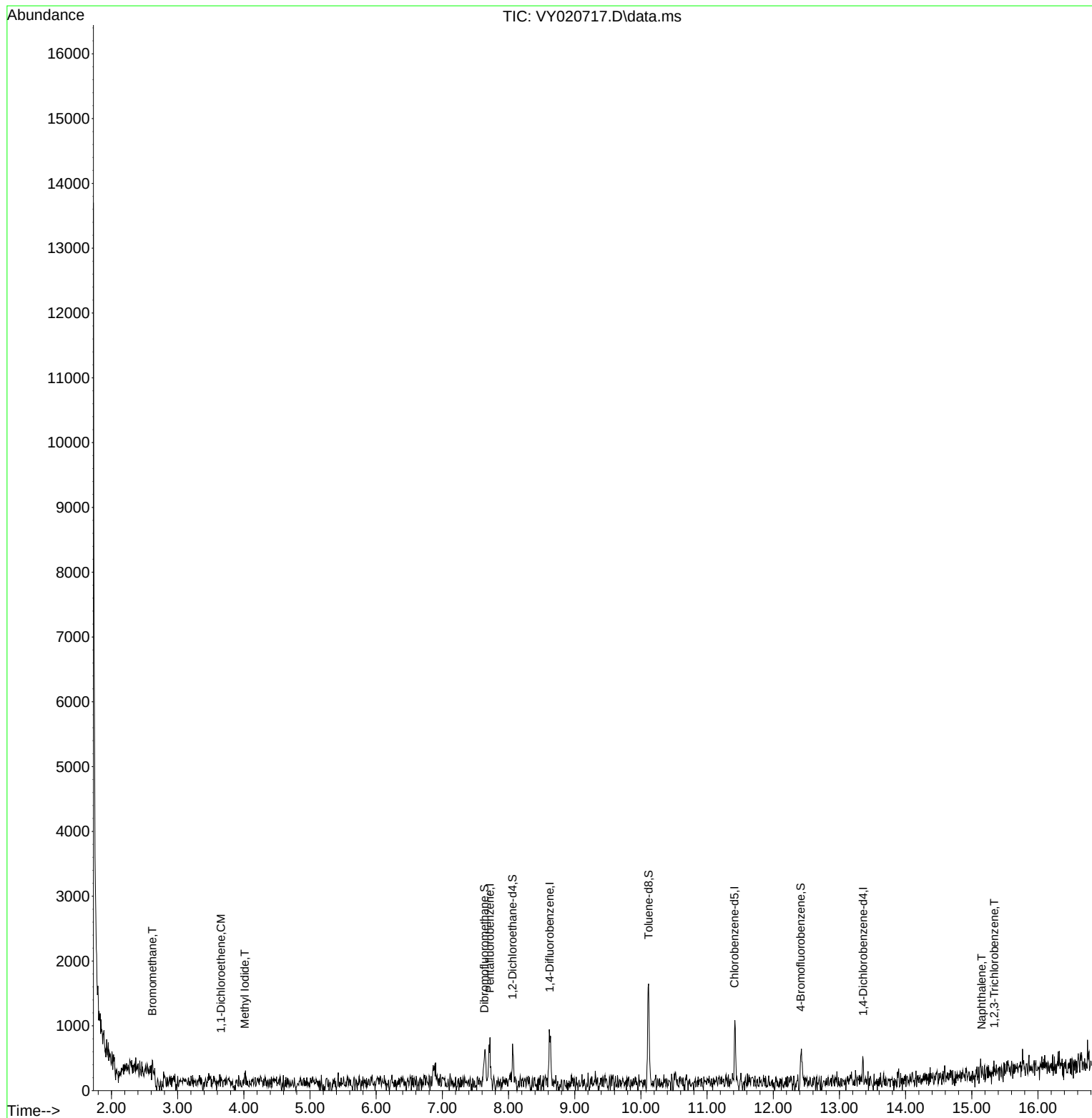
Internal Standards						
1) Pentafluorobenzene	7.719	168	710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	721	50.000	ug/l	#-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	624	107.299	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	214.600%#
35) Dibromofluoromethane	7.634	113	440	72.885	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.760%
50) Toluene-d8	10.115	98	1322	54.893	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.780%
62) 4-Bromofluorobenzene	12.414	95	117	14.583	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	29.160%
Target Compounds						
					Qvalue	
5) Bromomethane	2.617	94	48	24.619	ug/l #	5
10) Methyl Iodide	4.013	142	77	12.916	ug/l #	29
12) 1,1-Dichloroethene	3.653	96	39	8.037	ug/l #	1
95) Naphthalene	15.151	128	99	36.387	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.340	180	44	31.108	ug/l #	83

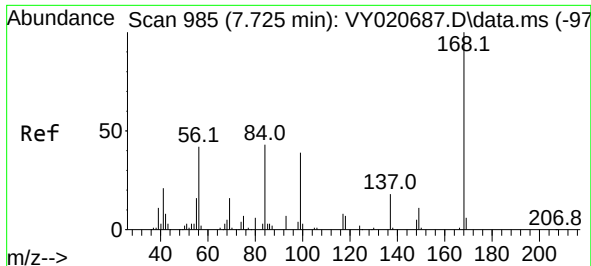
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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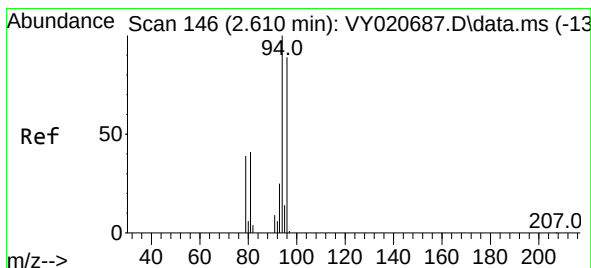
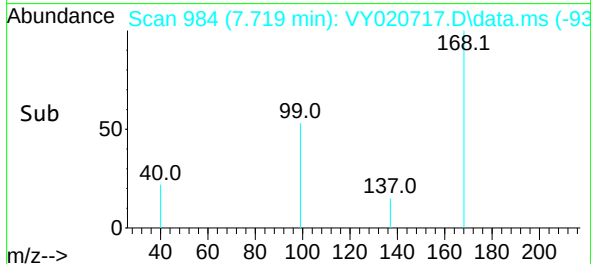
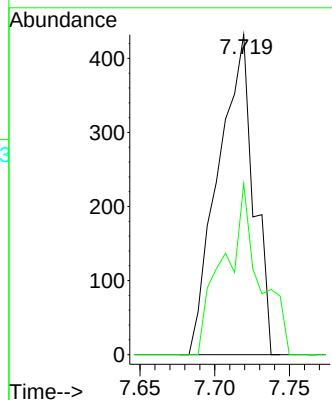
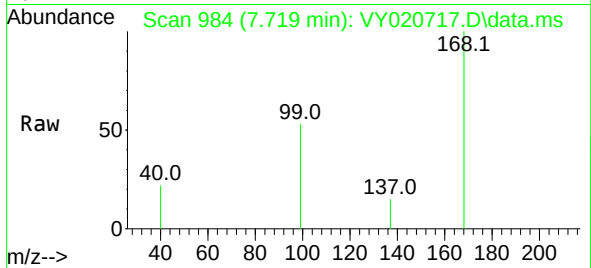




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020717.D
Acq: 26 Dec 2024 15:18

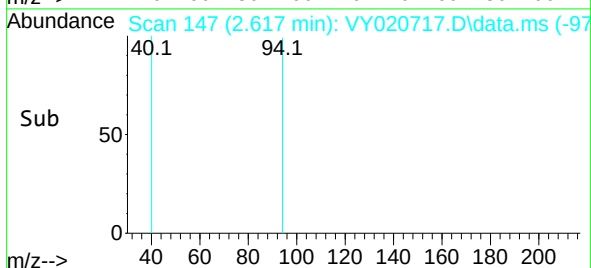
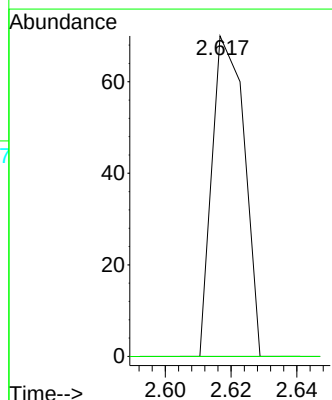
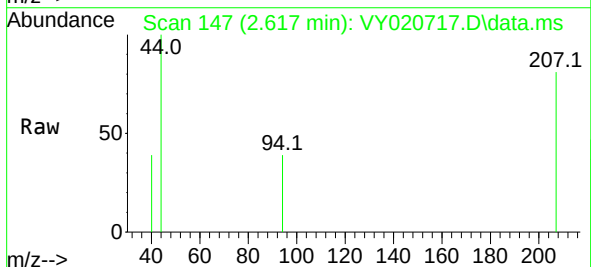
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024

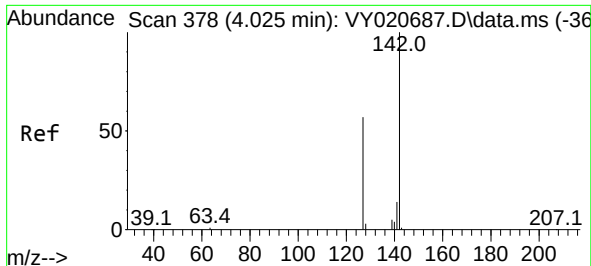
Tgt Ion:168 Resp: 710
Ion Ratio Lower Upper
168 100
99 53.5 43.8 65.6



#5
Bromomethane
Concen: 24.619 ug/l
RT: 2.617 min Scan# 147
Delta R.T. 0.007 min
Lab File: VY020717.D
Acq: 26 Dec 2024 15:18

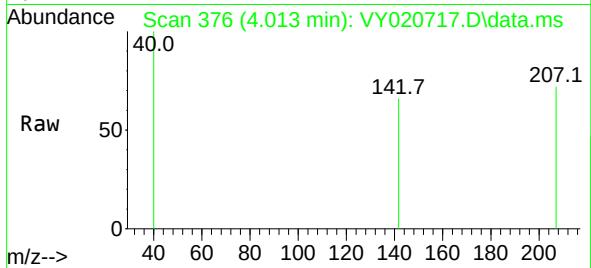
Tgt Ion: 94 Resp: 48
Ion Ratio Lower Upper
94 100
96 0.0 71.0 106.6#



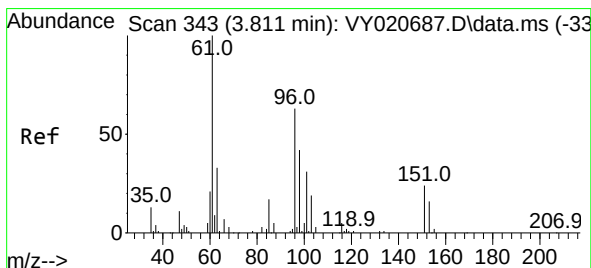
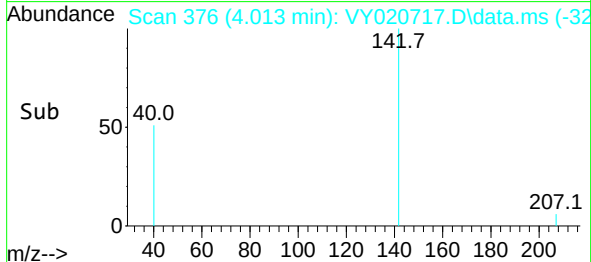
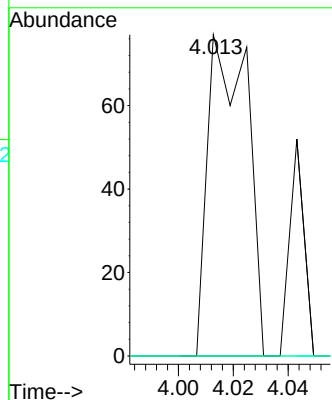


#10
Methyl Iodide
Concen: 12.916 ug/l
RT: 4.013 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY020717.D
Acq: 26 Dec 2024 15:18

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024

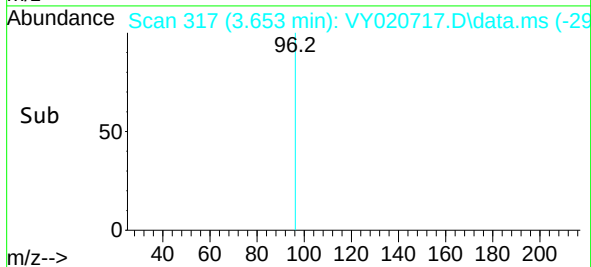
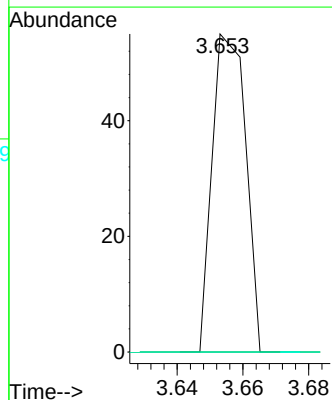
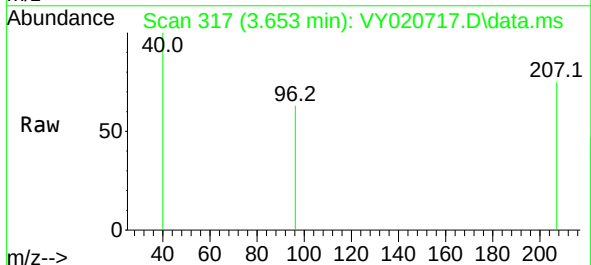


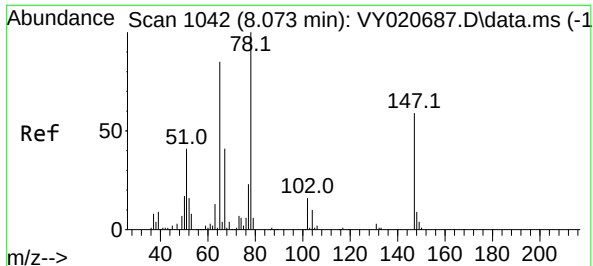
Tgt Ion:	142	Resp:	77
Ion	Ratio	Lower	Upper
142	100		
127	0.0	48.8	73.2#
141	0.0	11.9	17.9#



#12
1,1-Dichloroethene
Concen: 8.037 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.158 min
Lab File: VY020717.D
Acq: 26 Dec 2024 15:18

Tgt Ion:	96	Resp:	39
Ion	Ratio	Lower	Upper
96	100		
61	0.0	127.1	190.7#
98	0.0	53.4	80.0#





#33

1,2-Dichloroethane-d4

Concen: 107.299 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY020717.D

Acq: 26 Dec 2024 15:18

Instrument :

MSVOA_Y

ClientSampleId :

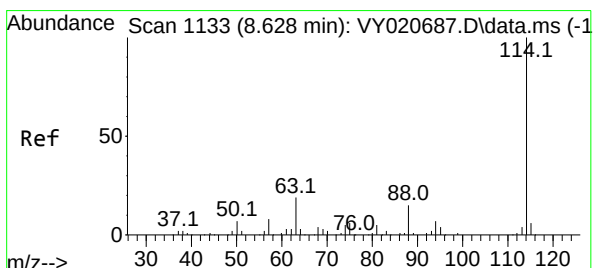
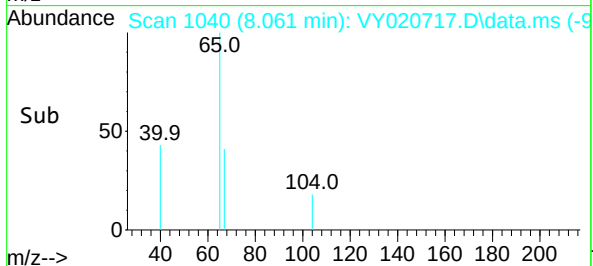
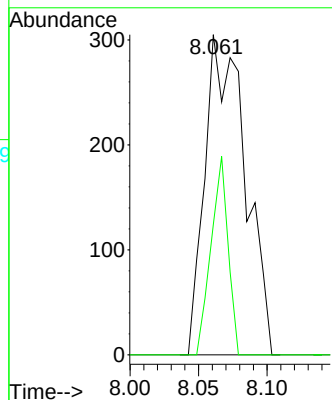
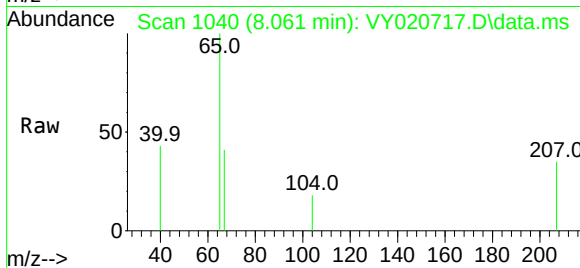
OK-02-12232024

Tgt Ion: 65 Resp: 624

Ion Ratio Lower Upper

65 100

67 26.1 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: VY020717.D

Acq: 26 Dec 2024 15:18

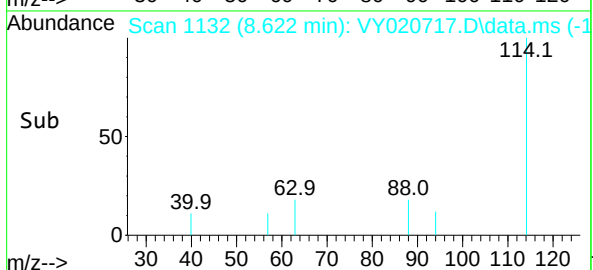
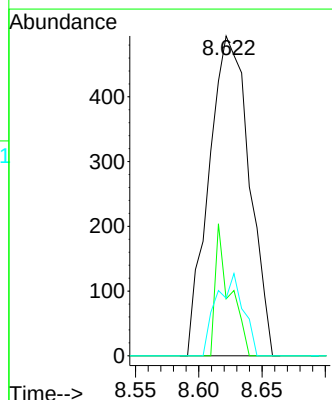
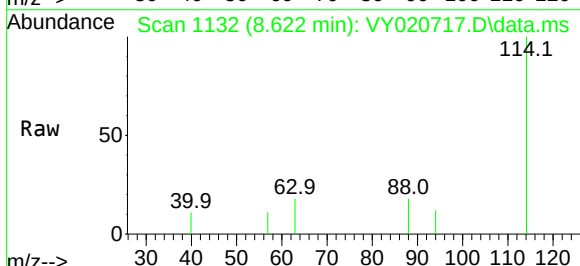
Tgt Ion: 114 Resp: 1096

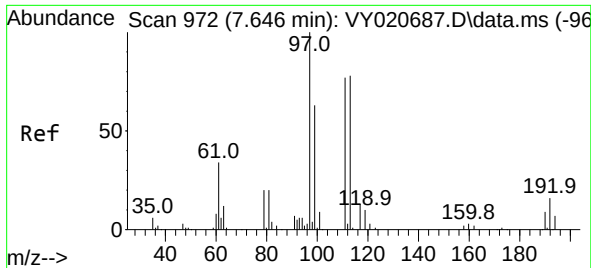
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 18.0 0.0 30.4

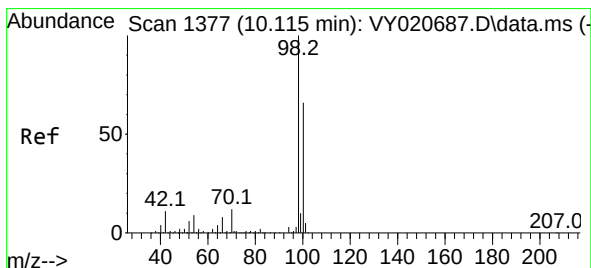
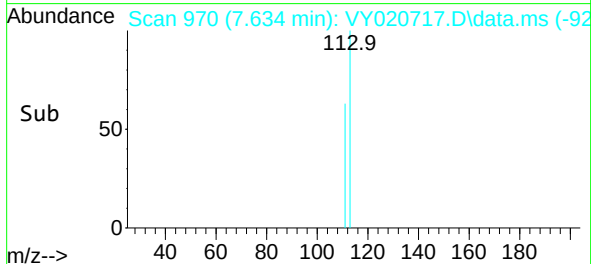
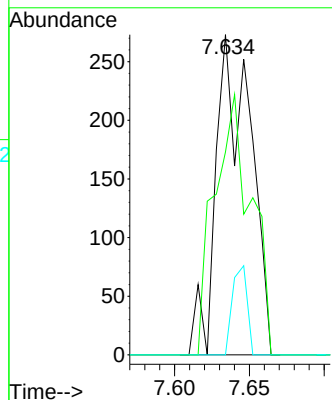
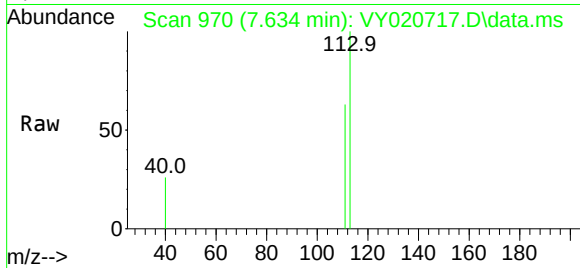




#35
Dibromofluoromethane
Concen: 72.885 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020717.D
Acq: 26 Dec 2024 15:18

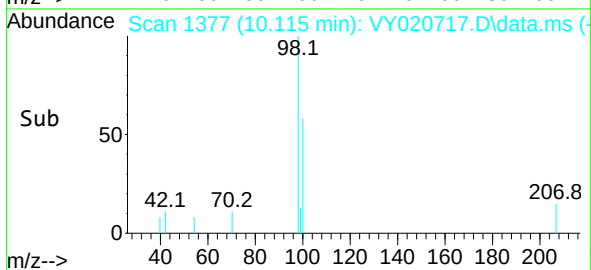
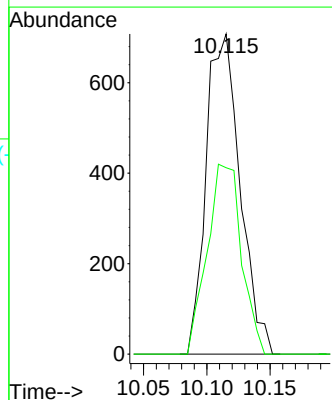
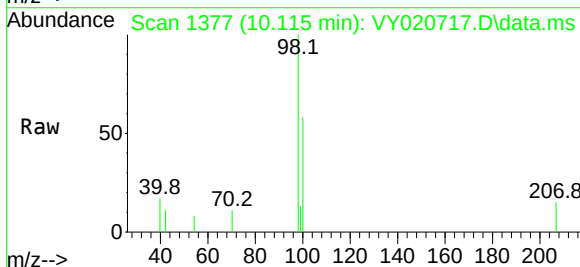
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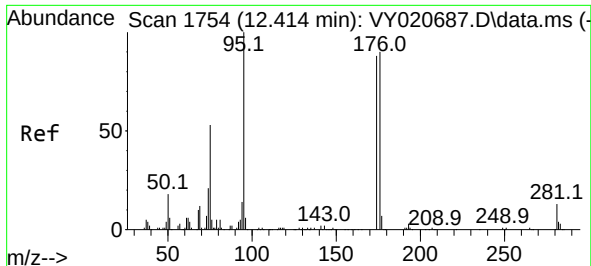
Tgt Ion:113 Resp: 440
Ion Ratio Lower Upper
113 100
111 86.1 79.8 119.8
192 11.8 17.0 25.6#



#50
Toluene-d8
Concen: 54.893 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020717.D
Acq: 26 Dec 2024 15:18

Tgt Ion: 98 Resp: 1322
Ion Ratio Lower Upper
98 100
100 59.8 52.2 78.4

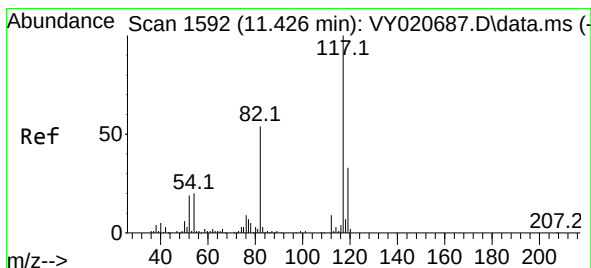
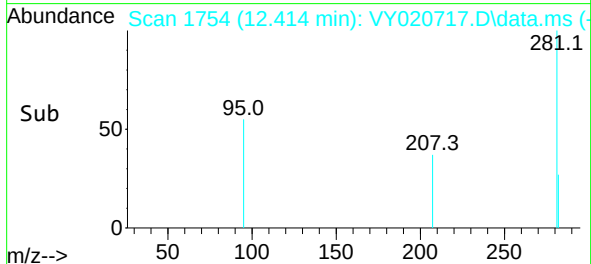
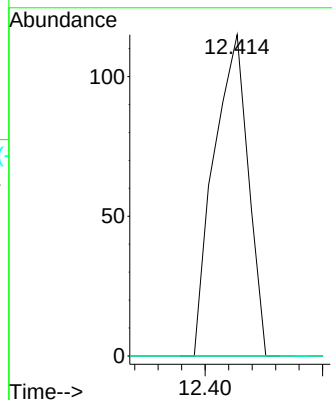
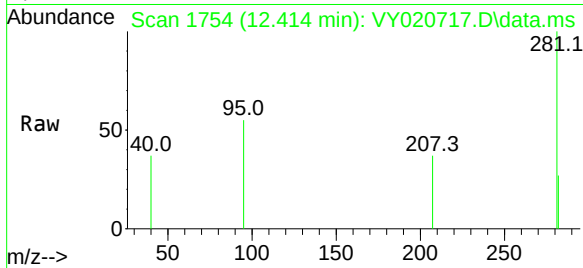




#62
4-Bromofluorobenzene
Concen: 14.583 ug/l
RT: 12.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY020717.D
Acq: 26 Dec 2024 15:18

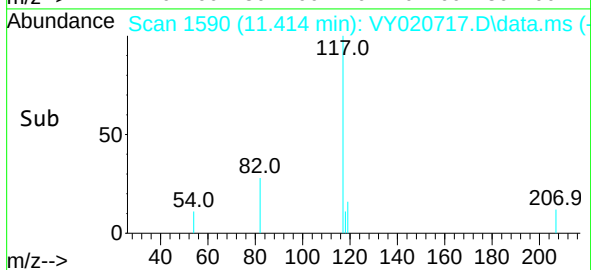
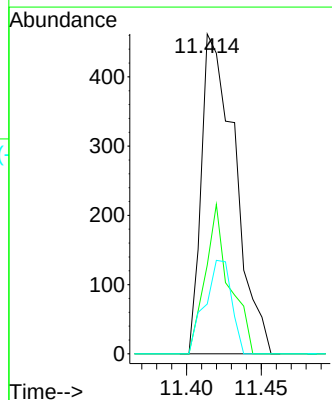
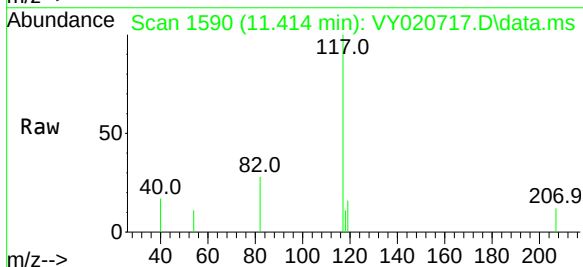
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024

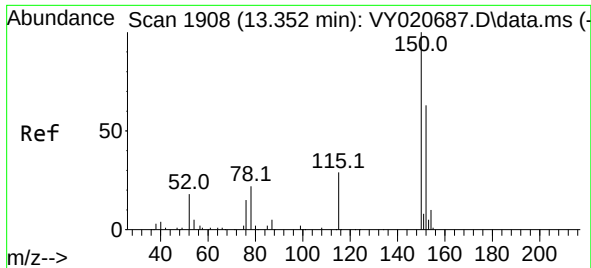
Tgt Ion: 95 Resp: 117
Ion Ratio Lower Upper
95 100
174 0.0 0.0 179.2
176 0.0 0.0 179.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.012 min
Lab File: VY020717.D
Acq: 26 Dec 2024 15:18

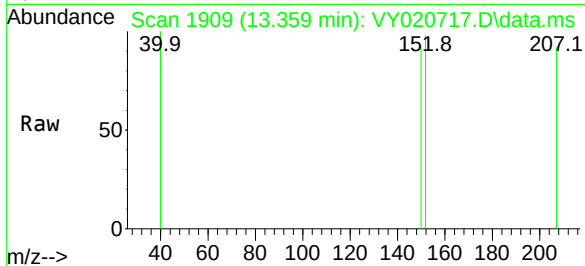
Tgt Ion: 117 Resp: 721
Ion Ratio Lower Upper
117 100
82 27.7 43.4 65.2#
119 15.6 26.6 39.8#



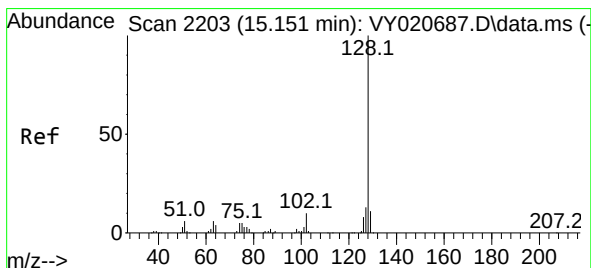
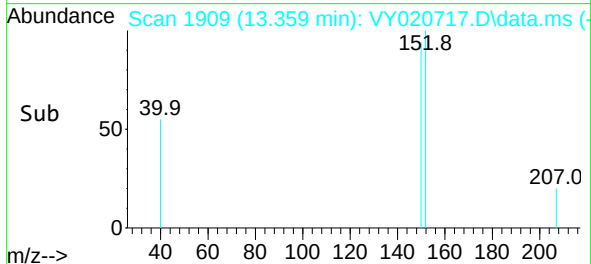
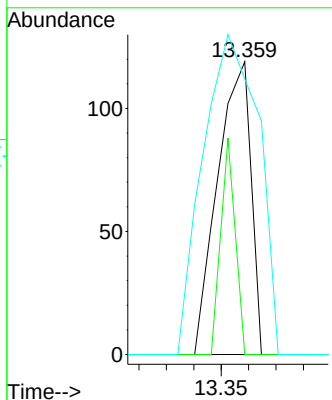


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1909
 Delta R.T. 0.007 min
 Lab File: VY020717.D
 Acq: 26 Dec 2024 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-12232024

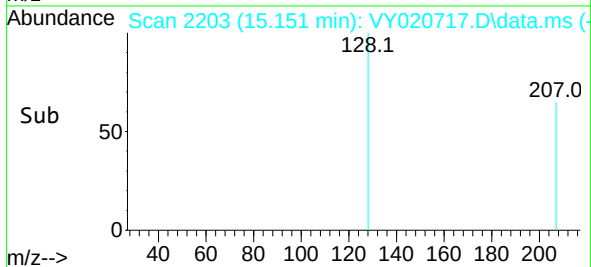
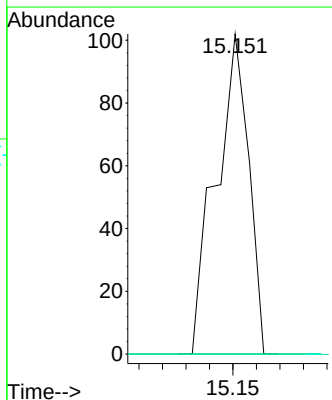
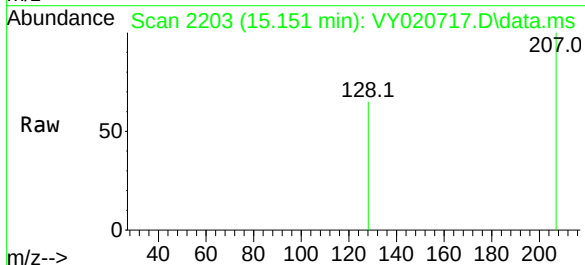


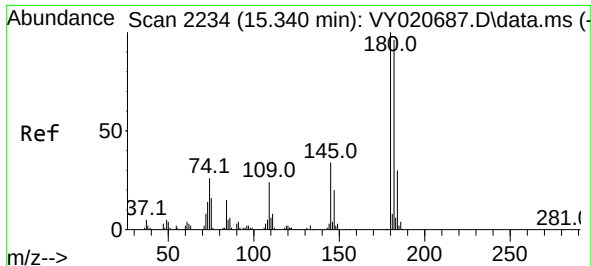
Tgt Ion:152 Resp: 100
 Ion Ratio Lower Upper
 152 100
 115 32.0 30.3 90.9
 150 183.0 0.0 349.0



#95
 Naphthalene
 Concen: 36.387 ug/l
 RT: 15.151 min Scan# 2203
 Delta R.T. -0.000 min
 Lab File: VY020717.D
 Acq: 26 Dec 2024 15:18

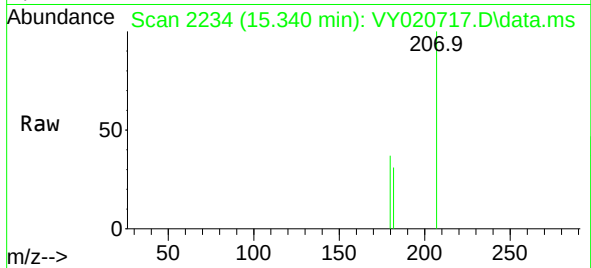
Tgt Ion:128 Resp: 99
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.7 16.1#
 129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 31.108 ug/l
 RT: 15.340 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY020717.D
 Acq: 26 Dec 2024 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-12232024



Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.4	142.2
145	0.0	16.7	50.1

