

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020550.D
 Acq On : 09 Dec 2024 13:00
 Operator : SY/MD
 Sample : P5176-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-12062024

Quant Time: Dec 10 03:59:49 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)

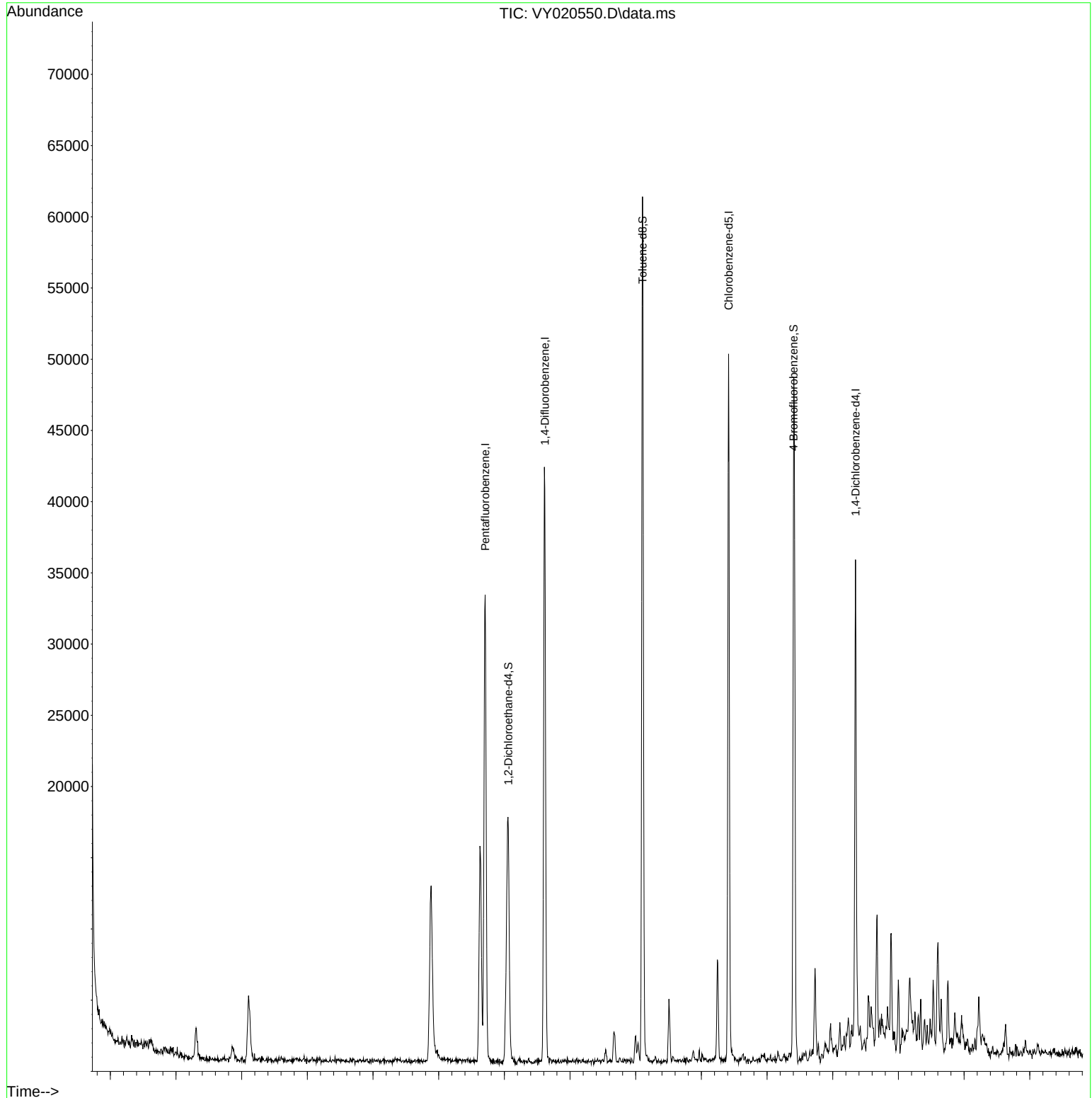
Internal Standards						
1) Pentafluorobenzene	7.707	168	25365	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	36117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	26271	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	8186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	11757	45.576	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.160%
35) Dibromofluoromethane	7.628	113	11148	49.029	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.060%
50) Toluene-d8	10.103	98	41116	47.489	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.980%
62) 4-Bromofluorobenzene	12.402	95	10023	33.100	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	66.200%
Target Compounds						
16) Acetone	3.854	43	1813	28.265	ug/l #	79
80) 1,3,5-Trimethylbenzene	12.737	105	888	1.399	ug/l	91
84) 1,2,4-Trimethylbenzene	13.036	105	690	1.118	ug/l	99

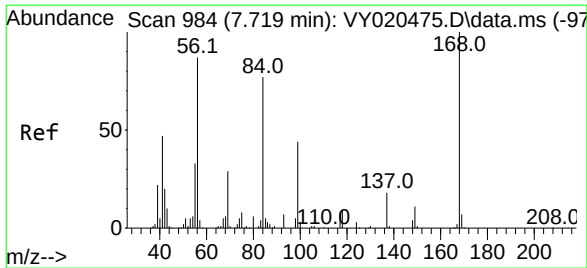
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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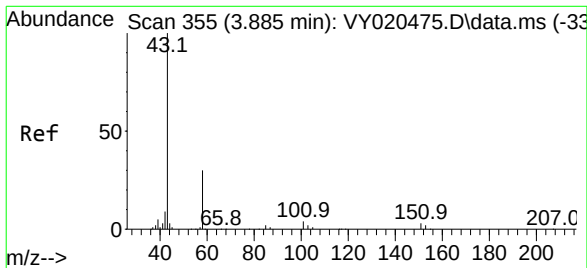
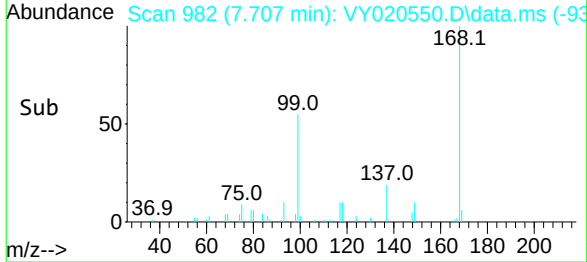
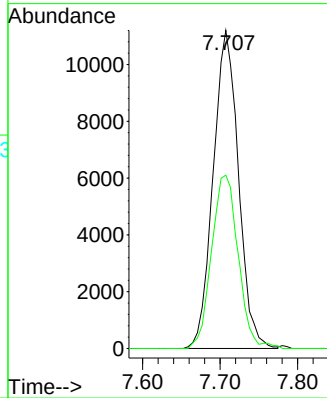
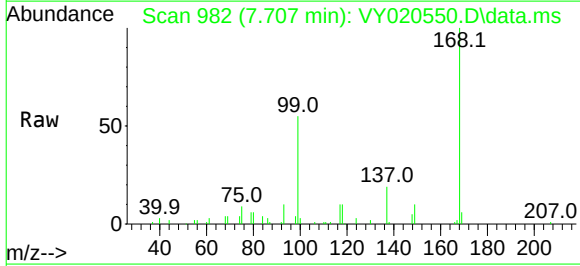




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020550.D
Acq: 09 Dec 2024 13:00

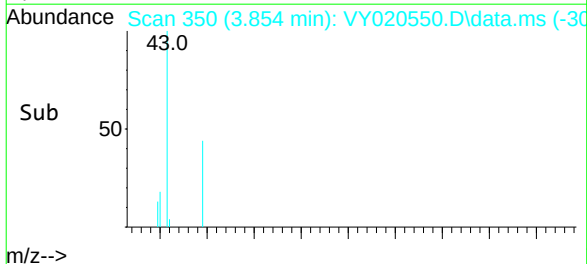
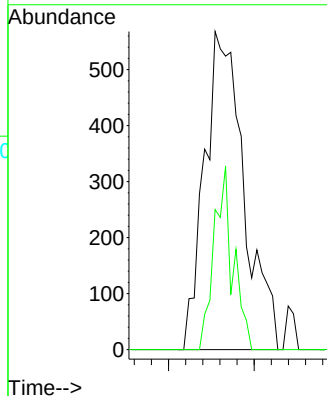
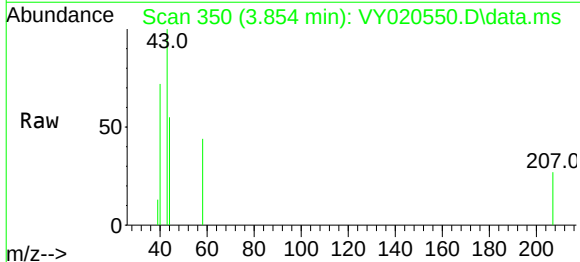
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-12062024

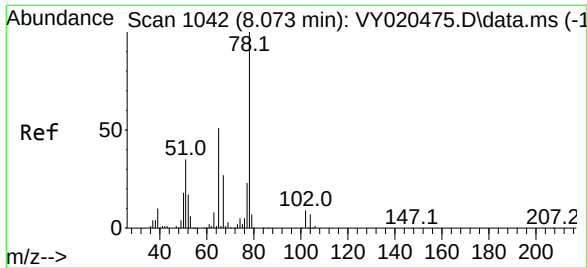
Tgt Ion:168 Resp: 25365
Ion Ratio Lower Upper
168 100
99 54.5 46.6 69.8



#16
Acetone
Concen: 28.265 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.030 min
Lab File: VY020550.D
Acq: 09 Dec 2024 13:00

Tgt Ion: 43 Resp: 1813
Ion Ratio Lower Upper
43 100
58 44.0 25.7 38.5#

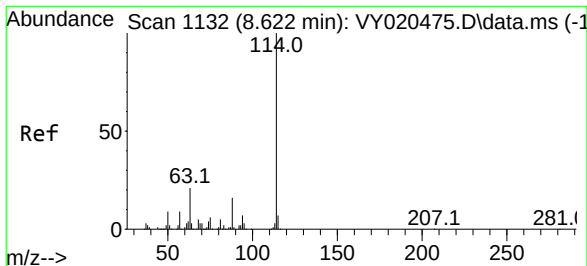
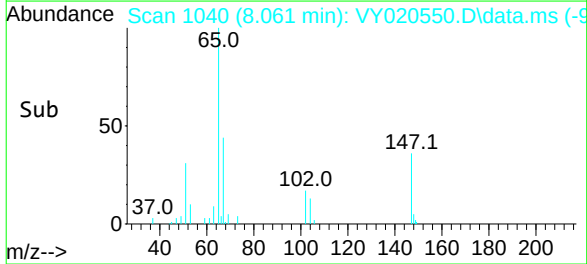
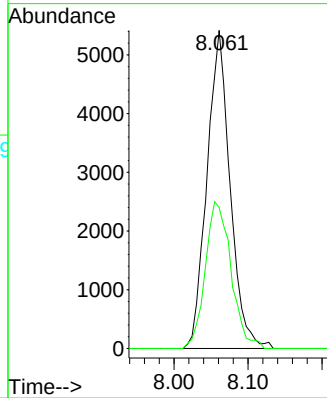
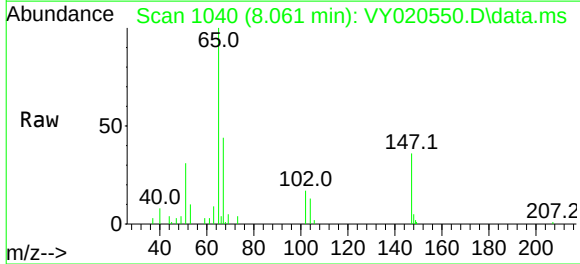




#33
1,2-Dichloroethane-d4
Concen: 45.576 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020550.D
Acq: 09 Dec 2024 13:00

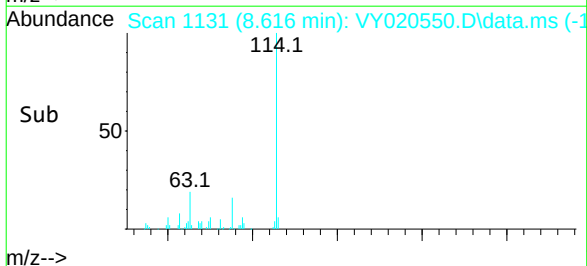
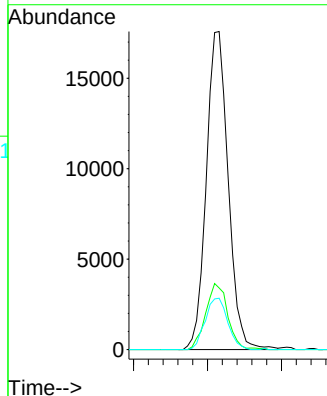
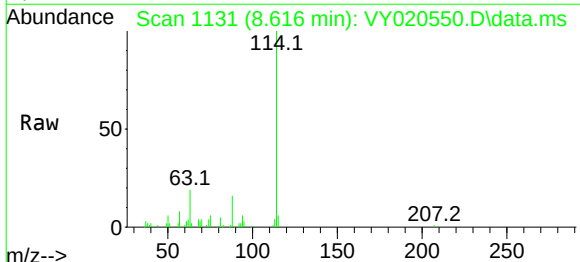
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-12062024

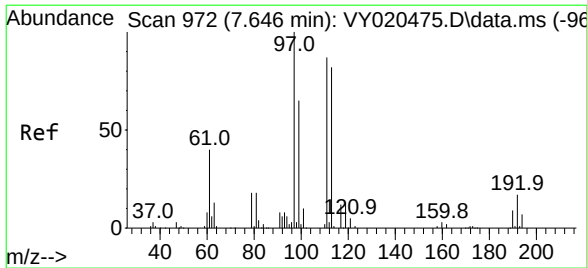
Tgt Ion: 65 Resp: 11757
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020550.D
Acq: 09 Dec 2024 13:00

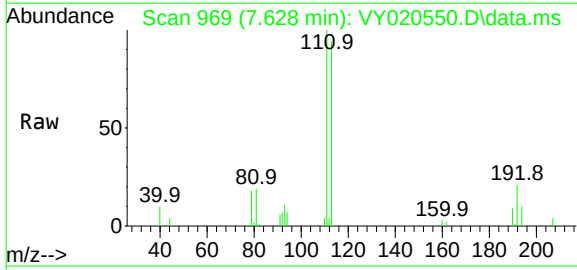
Tgt Ion: 114 Resp: 36117
Ion Ratio Lower Upper
114 100
63 19.4 0.0 44.8
88 16.2 0.0 32.0



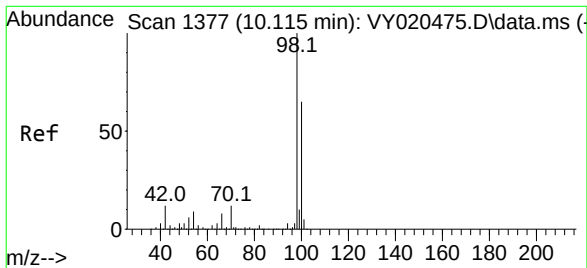
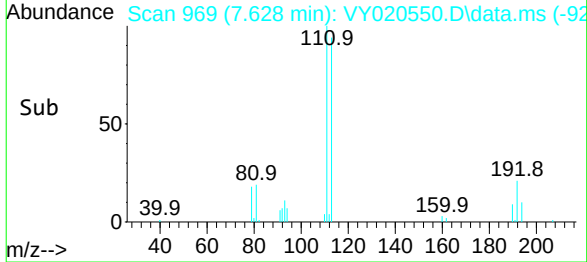
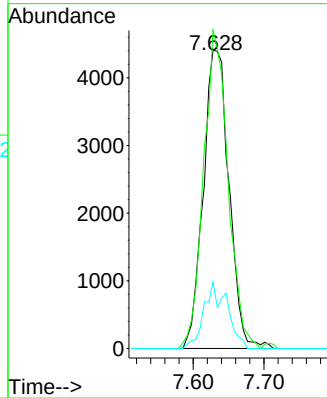


#35
Dibromofluoromethane
Concen: 49.029 ug/l
RT: 7.628 min Scan# 96
Delta R.T. -0.018 min
Lab File: VY020550.D
Acq: 09 Dec 2024 13:00

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-12062024

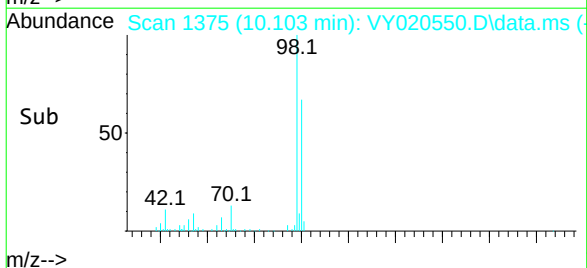
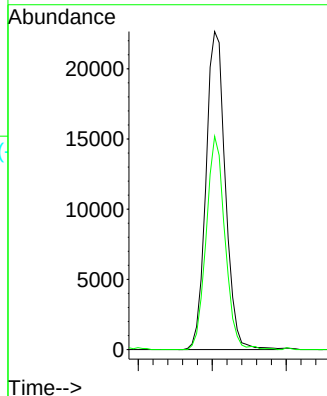
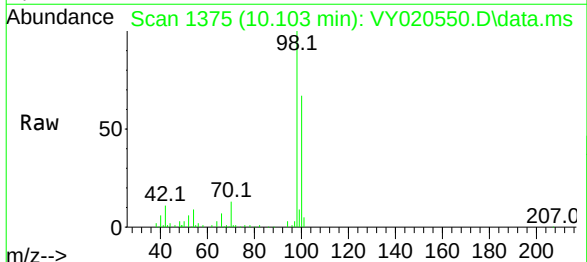


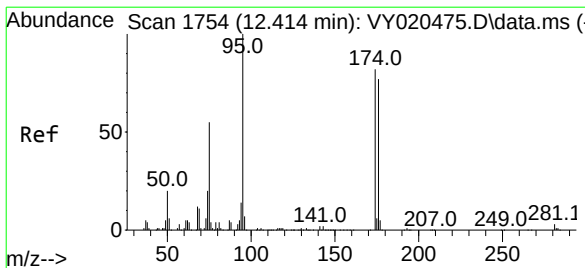
Tgt Ion:113 Resp: 11148
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 20.2 15.1 22.7



#50
Toluene-d8
Concen: 47.489 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.012 min
Lab File: VY020550.D
Acq: 09 Dec 2024 13:00

Tgt Ion: 98 Resp: 41116
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 33.100 ug/l

RT: 12.402 min Scan# 1754

Delta R.T. -0.012 min

Lab File: VY020550.D

Acq: 09 Dec 2024 13:00

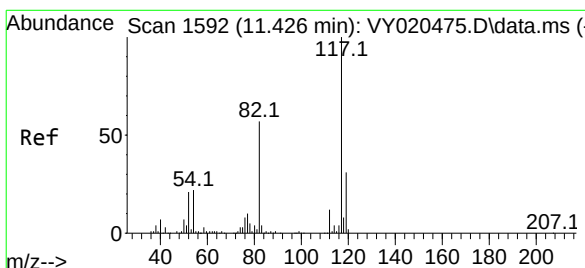
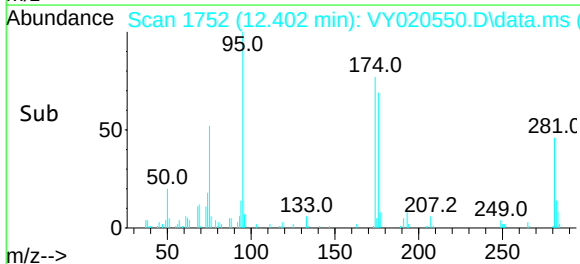
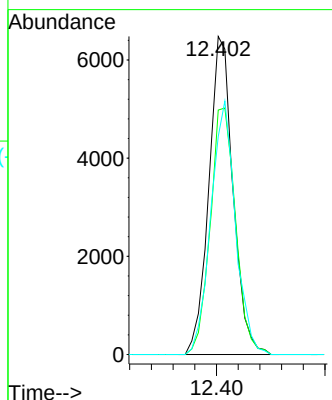
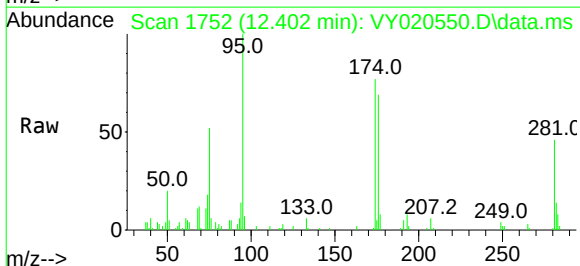
Instrument :

MSVOA_Y

ClientSampleId :

EO-02-12062024

Tgt Ion:	95	Resp:	10023
Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	156.8
176	81.0	0.0	152.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

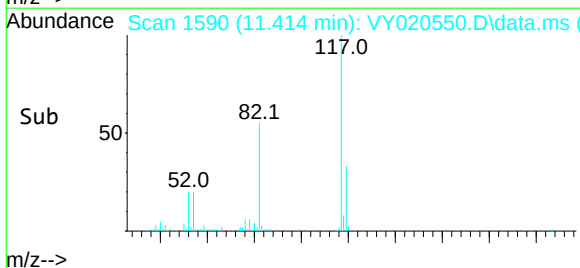
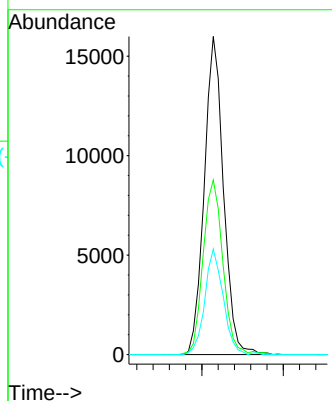
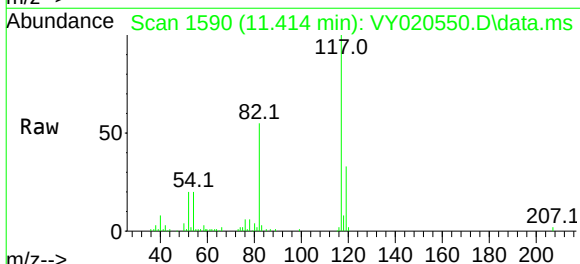
RT: 11.414 min Scan# 1590

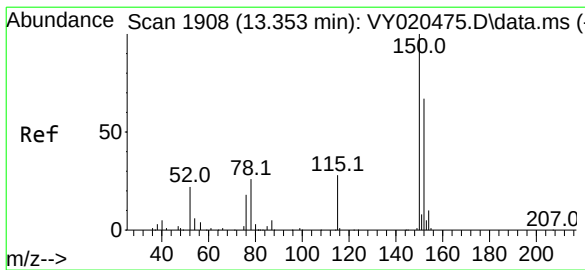
Delta R.T. -0.012 min

Lab File: VY020550.D

Acq: 09 Dec 2024 13:00

Tgt Ion:	117	Resp:	26271
Ion	Ratio	Lower	Upper
117	100		
82	54.9	48.2	72.4
119	33.2	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 19

Delta R.T. -0.006 min

Lab File: VY020550.D

Acq: 09 Dec 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-12062024

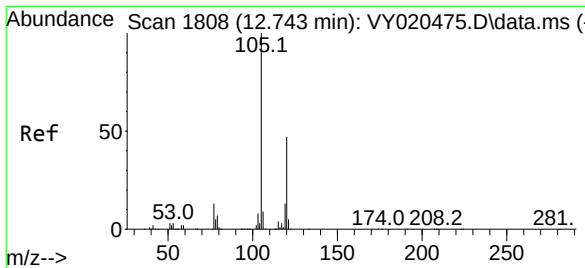
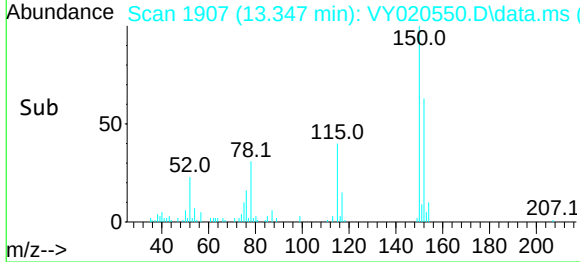
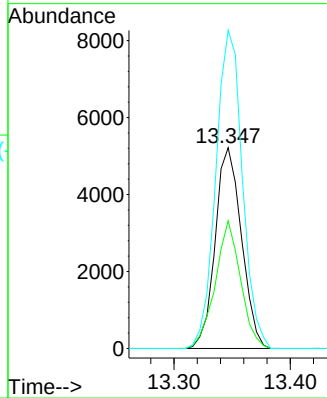
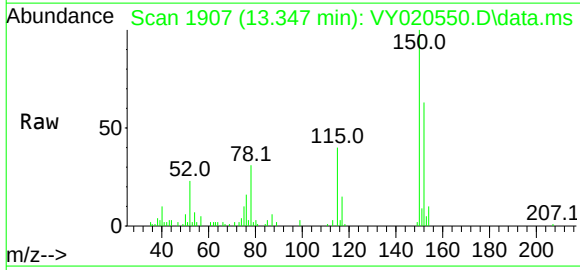
Tgt Ion:152 Resp: 8186

Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.0

150 160.6 0.0 348.2



#80

1,3,5-Trimethylbenzene

Concen: 1.399 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY020550.D

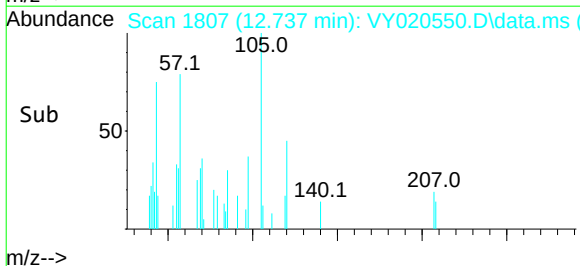
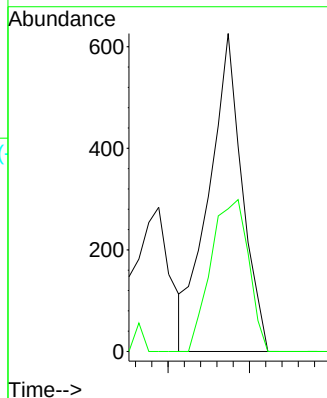
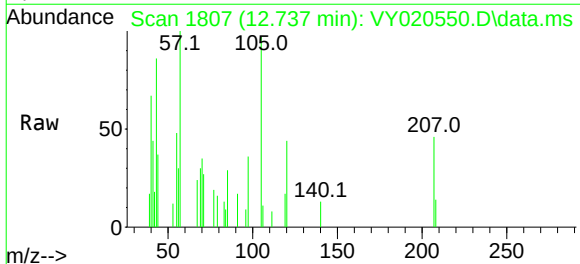
Acq: 09 Dec 2024 13:00

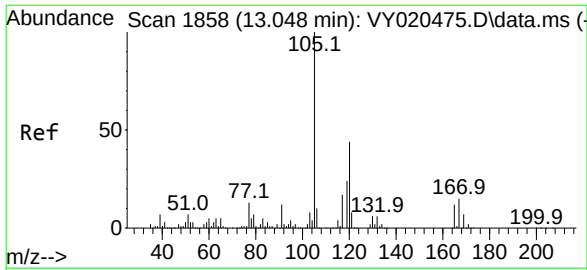
Tgt Ion:105 Resp: 888

Ion Ratio Lower Upper

105 100

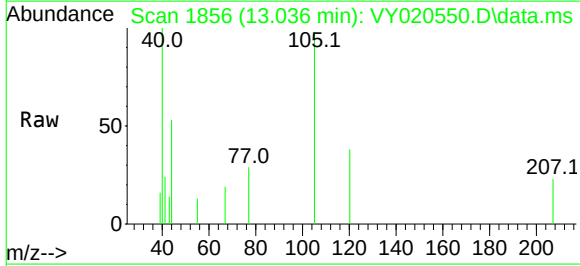
120 54.3 24.3 72.8





#84
 1,2,4-Trimethylbenzene
 Concen: 1.118 ug/l
 RT: 13.036 min Scan# 18
 Delta R.T. -0.012 min
 Lab File: VY020550.D
 Acq: 09 Dec 2024 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-12062024



Tgt Ion:105 Resp: 690
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.0 66.0

