

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020553.D
 Acq On : 09 Dec 2024 14:10
 Operator : SY/MD
 Sample : P5176-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-12062024

Quant Time: Dec 10 04:01:02 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)

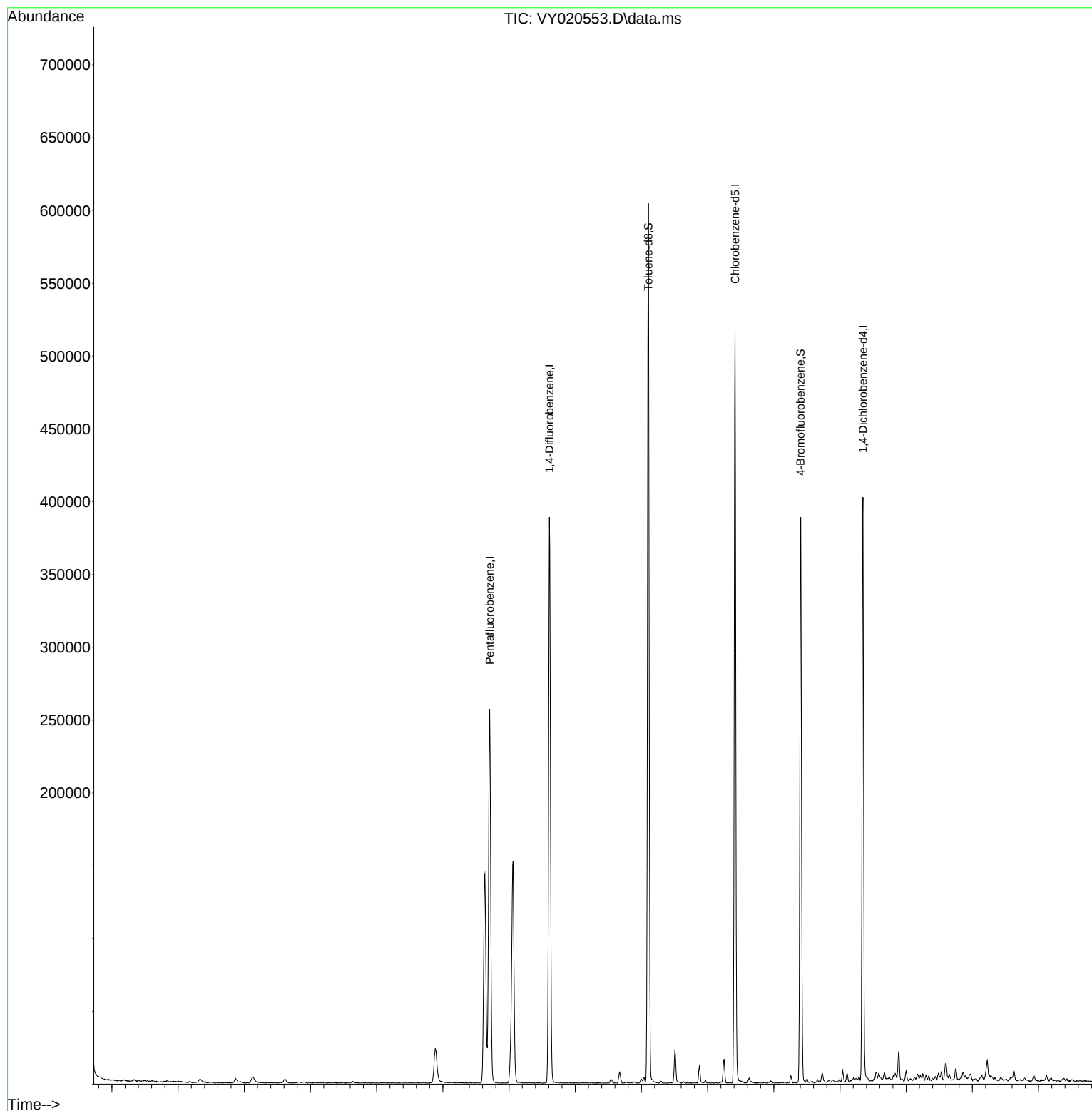
Internal Standards						
1) Pentafluorobenzene	7.707	168	191899	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	325989	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	270299	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	101900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	109989	56.357	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.720%
35) Dibromofluoromethane	7.628	113	104753	51.043	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.080%
50) Toluene-d8	10.103	98	388309	49.690	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.401	95	116301	42.552	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.100%
Target Compounds						
16) Acetone	3.866	43	5724	11.795	ug/l	Qvalue # 84

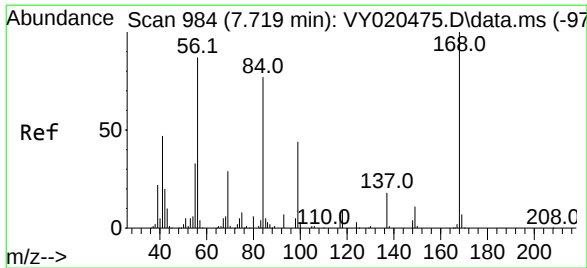
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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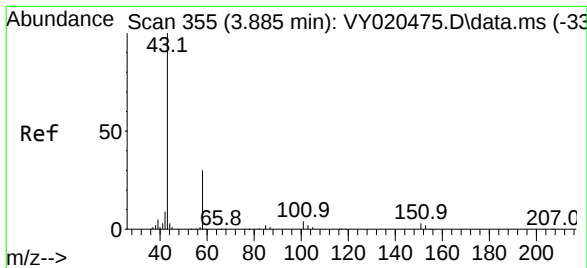
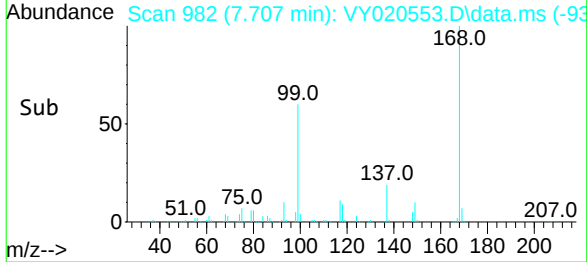
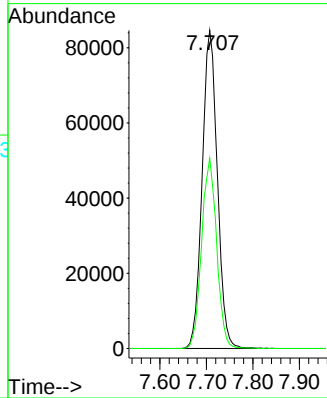
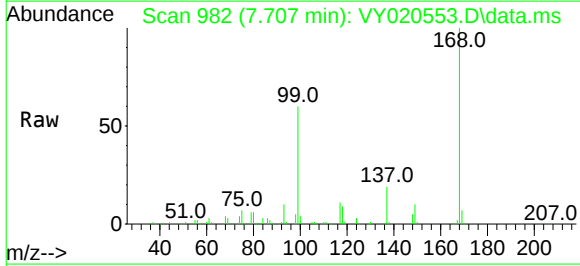




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020553.D
Acq: 09 Dec 2024 14:10

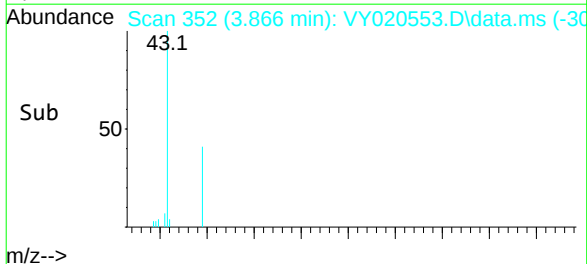
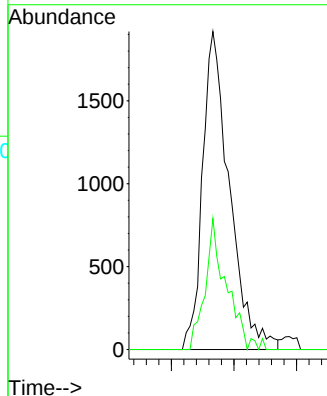
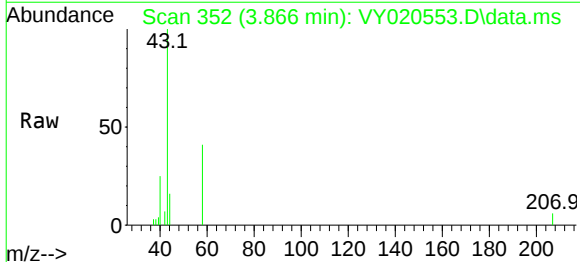
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-12062024

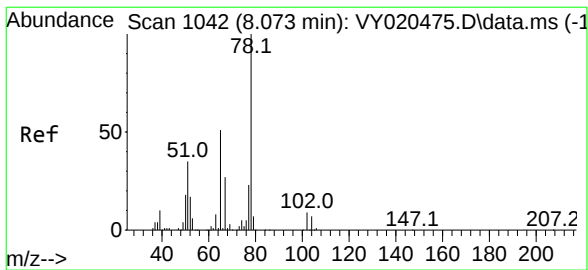
Tgt Ion:168 Resp: 191899
Ion Ratio Lower Upper
168 100
99 59.9 46.6 69.8



#16
Acetone
Concen: 11.795 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.018 min
Lab File: VY020553.D
Acq: 09 Dec 2024 14:10

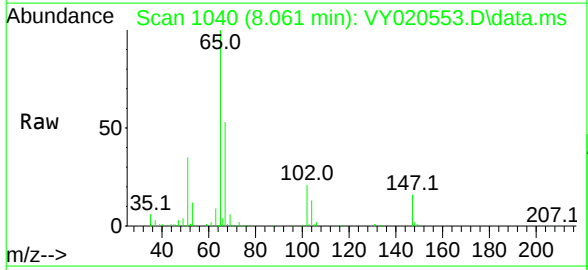
Tgt Ion: 43 Resp: 5724
Ion Ratio Lower Upper
43 100
58 41.2 25.7 38.5#



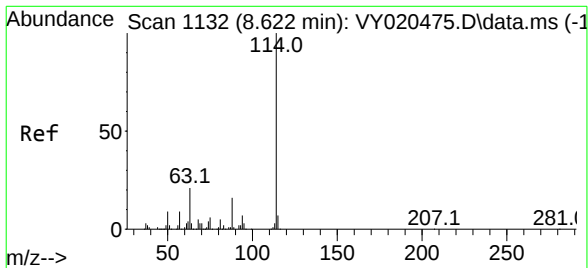
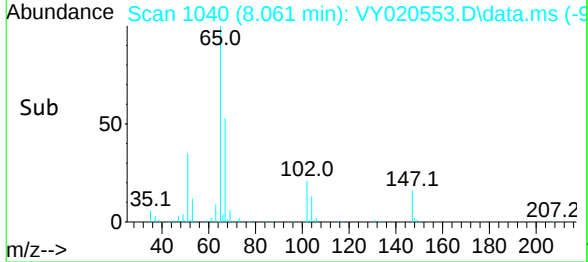
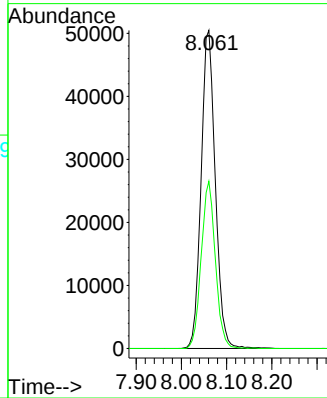


#33
 1,2-Dichloroethane-d4
 Concen: 56.357 ug/l
 RT: 8.061 min Scan# 1042
 Delta R.T. -0.012 min
 Lab File: VY020553.D
 Acq: 09 Dec 2024 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-12062024

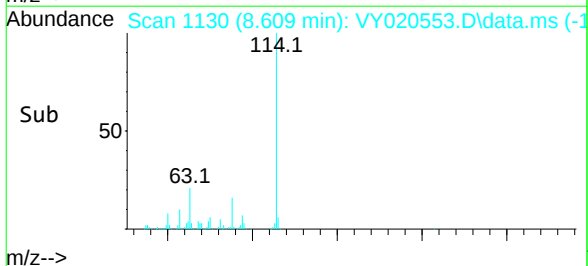
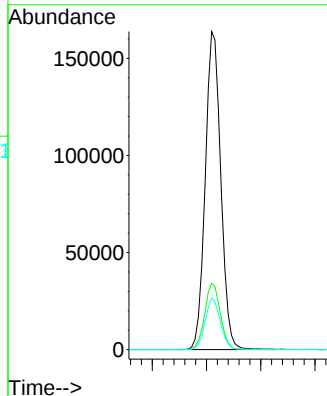
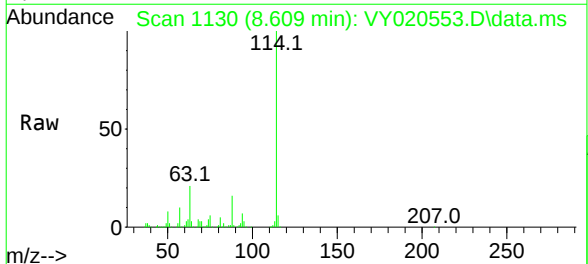


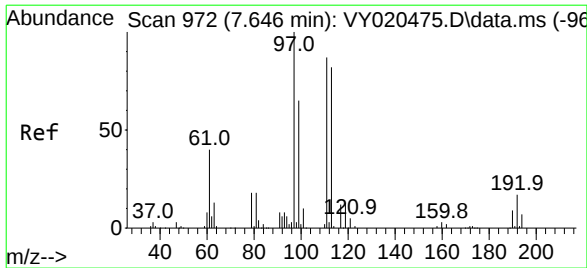
Tgt Ion: 65 Resp: 109989
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. -0.012 min
 Lab File: VY020553.D
 Acq: 09 Dec 2024 14:10

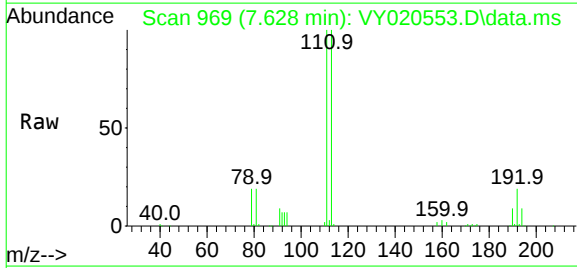
Tgt Ion: 114 Resp: 325989
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 44.8
 88 16.3 0.0 32.0



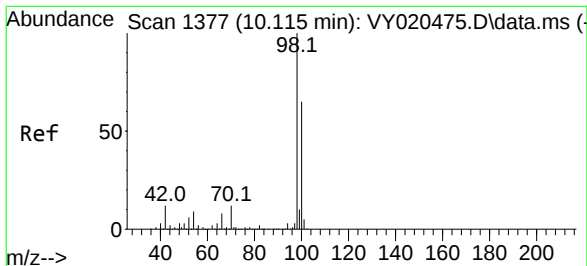
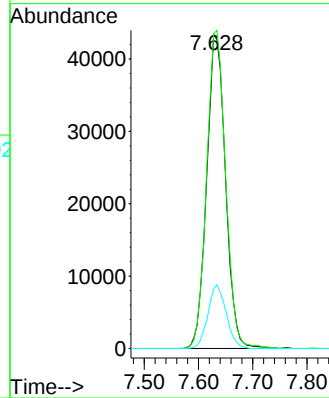
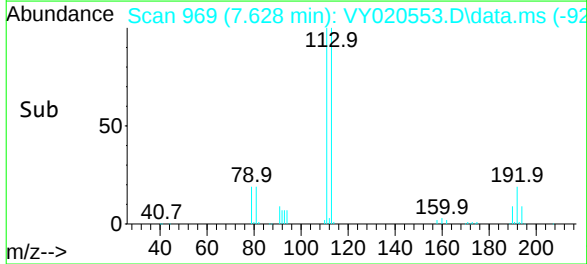


#35
Dibromofluoromethane
Concen: 51.043 ug/l
RT: 7.628 min Scan# 96
Delta R.T. -0.018 min
Lab File: VY020553.D
Acq: 09 Dec 2024 14:10

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-12062024

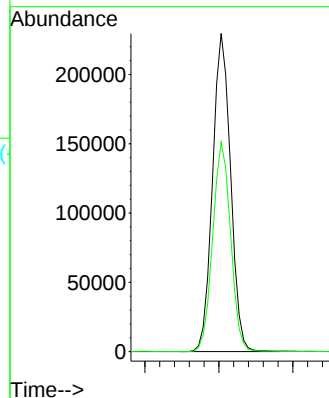
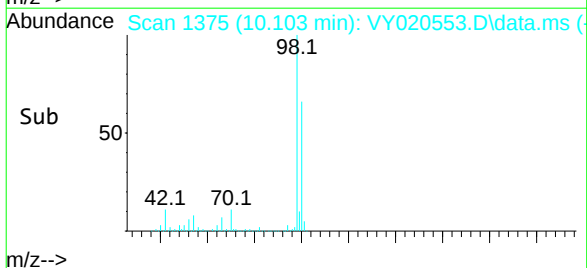
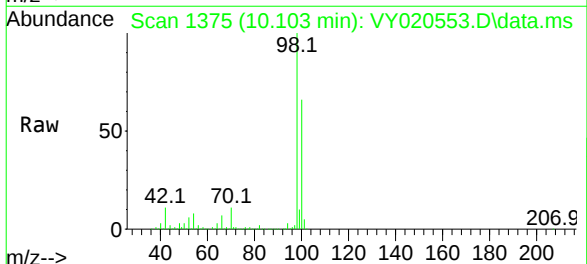


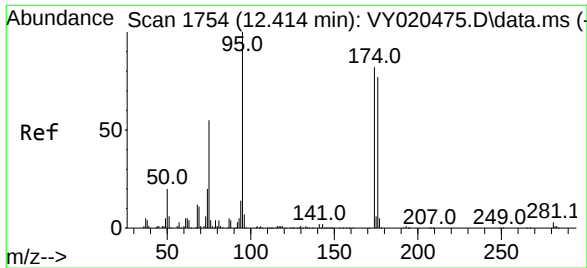
Tgt Ion:113 Resp: 104753
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 19.8 15.1 22.7



#50
Toluene-d8
Concen: 49.690 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.012 min
Lab File: VY020553.D
Acq: 09 Dec 2024 14:10

Tgt Ion: 98 Resp: 388309
Ion Ratio Lower Upper
98 100
100 65.5 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 42.552 ug/l

RT: 12.401 min Scan# 1754

Delta R.T. -0.012 min

Lab File: VY020553.D

Acq: 09 Dec 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-12062024

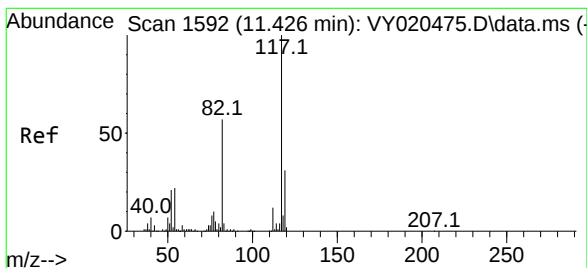
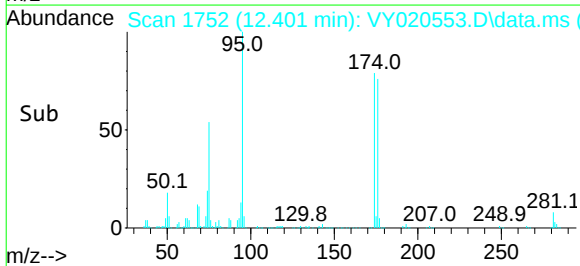
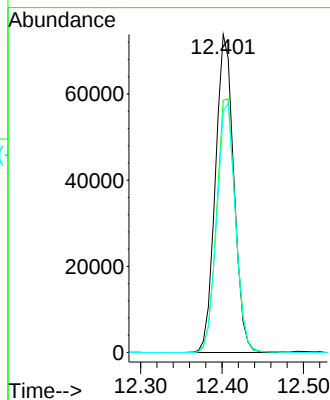
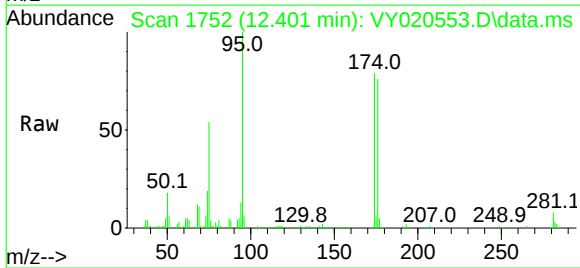
Tgt Ion: 95 Resp: 116301

Ion Ratio Lower Upper

95 100

174 81.6 0.0 156.8

176 79.2 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: VY020553.D

Acq: 09 Dec 2024 14:10

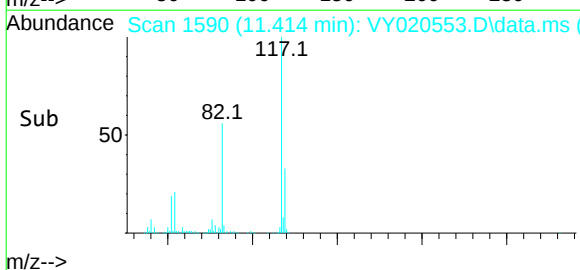
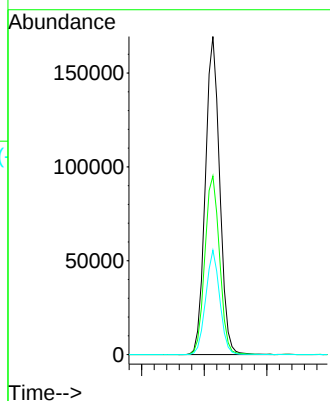
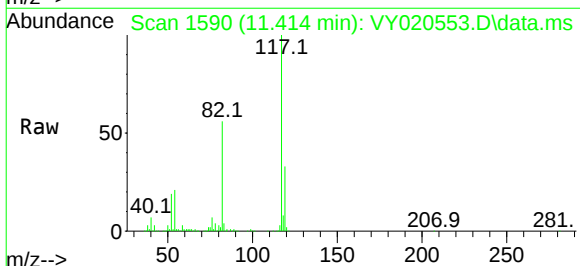
Tgt Ion: 117 Resp: 270299

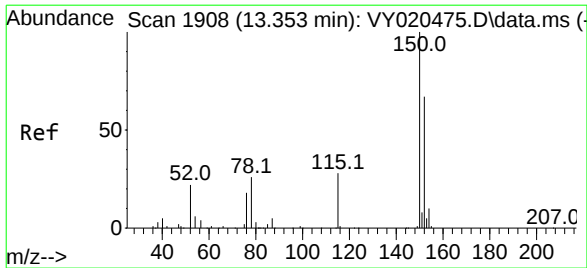
Ion Ratio Lower Upper

117 100

82 56.2 48.2 72.4

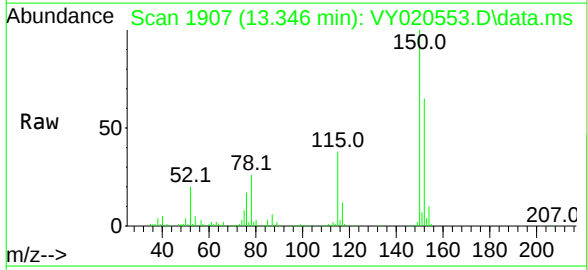
119 32.8 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. -0.006 min
 Lab File: VY020553.D
 Acq: 09 Dec 2024 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-12062024



Tgt Ion:152 Resp: 101900
 Ion Ratio Lower Upper
 152 100
 115 60.1 30.0 90.0
 150 158.9 0.0 348.2

