

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020746.D
 Acq On : 27 Dec 2024 17:54
 Operator : SY/MD
 Sample : P5390-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-12272024

Quant Time: Dec 28 03:06:08 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)

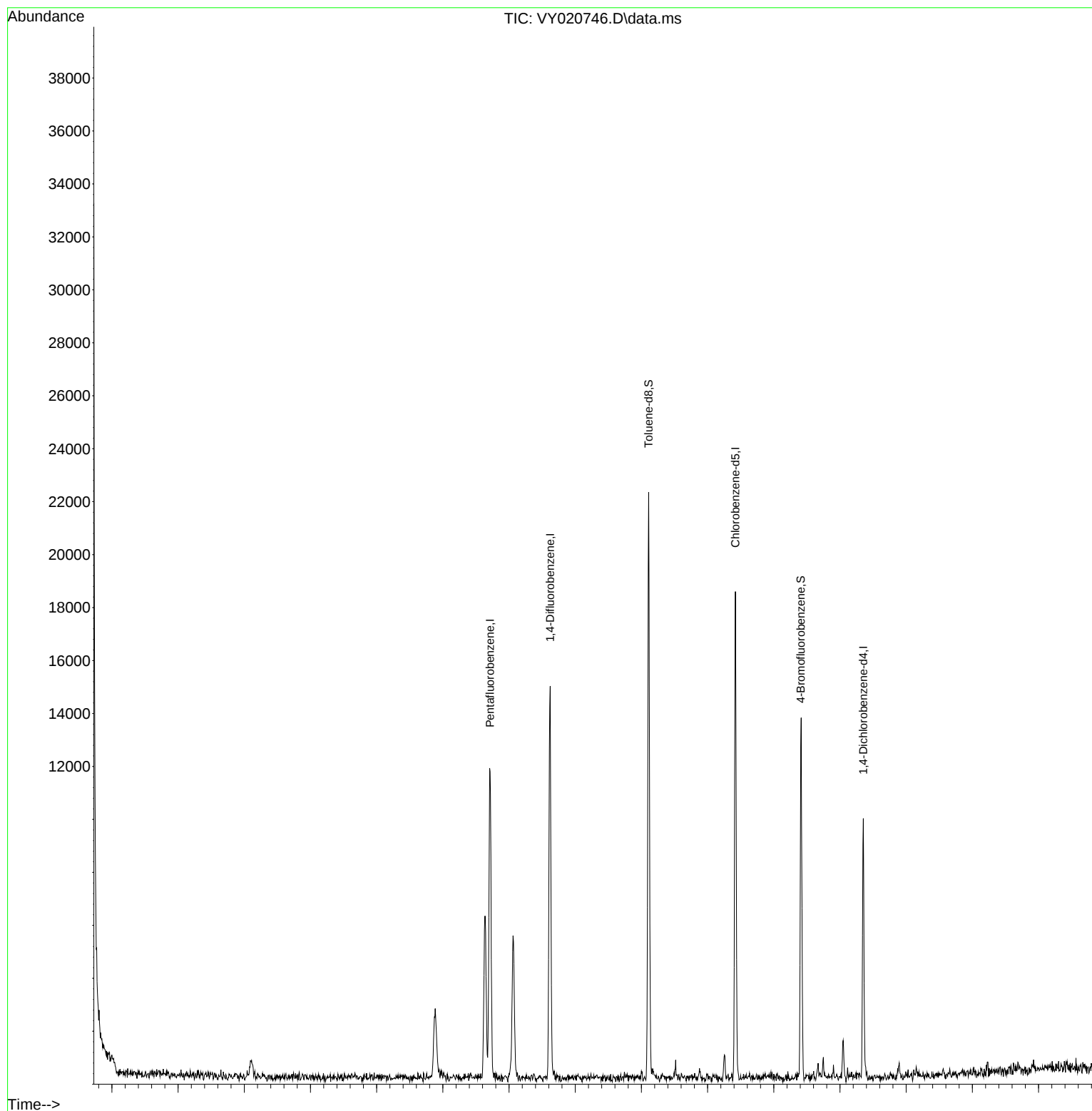
Internal Standards						
1) Pentafluorobenzene	7.713	168	9722	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.622	114	14371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	10649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	2951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4942	62.060	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.120%
35) Dibromofluoromethane	7.634	113	4549	57.468	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.940%
50) Toluene-d8	10.109	98	15474	49.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.408	95	3756	35.704	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	71.400%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.048	105	1093	6.594	ug/l	Qvalue 97

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

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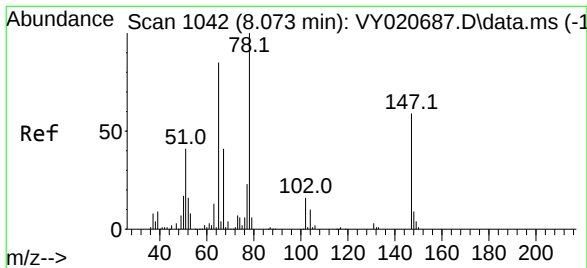
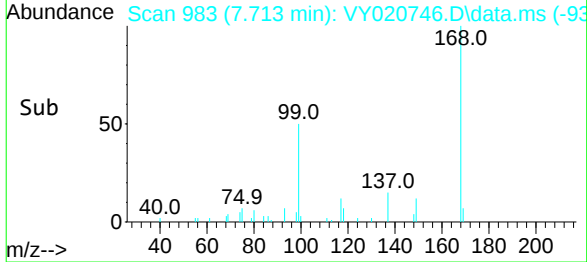
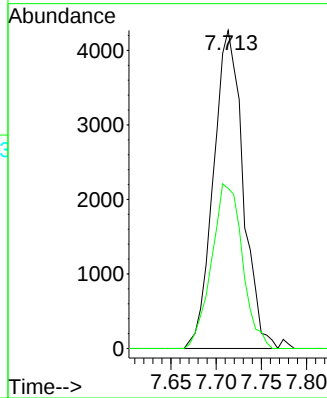
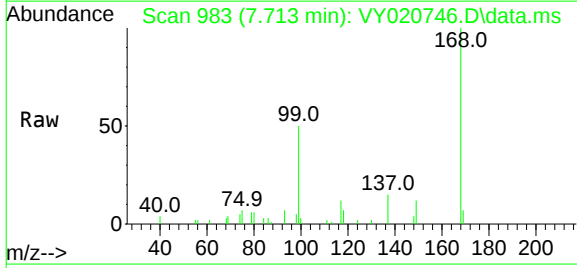




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

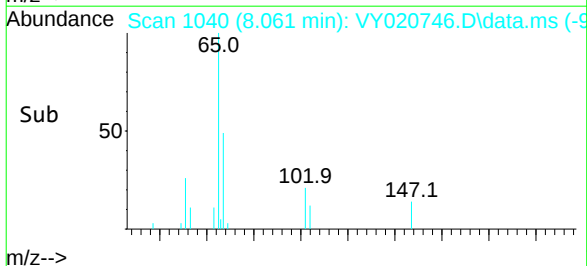
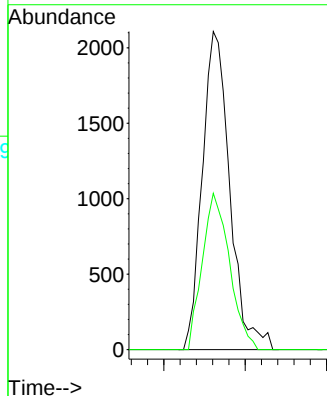
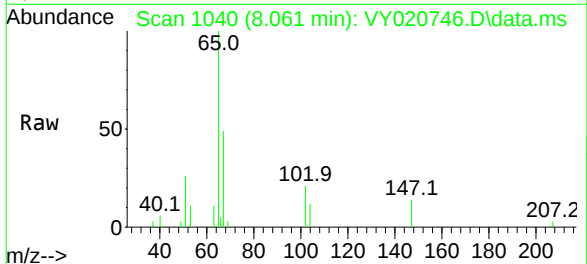
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-12272024

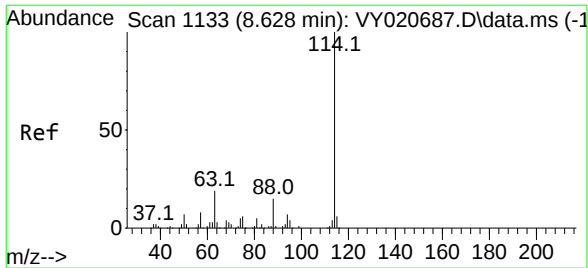
Tgt Ion:168 Resp: 9722
Ion Ratio Lower Upper
168 100
99 50.3 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 62.060 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

Tgt Ion: 65 Resp: 4942
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.0

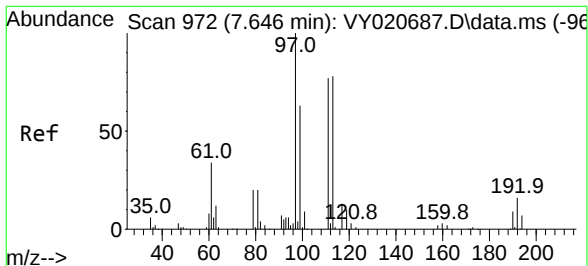
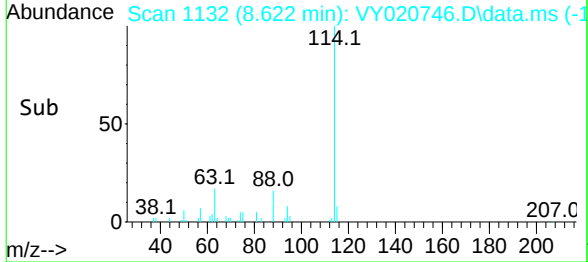
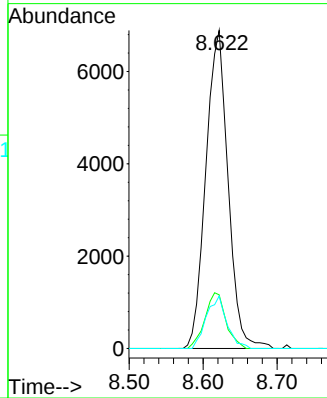
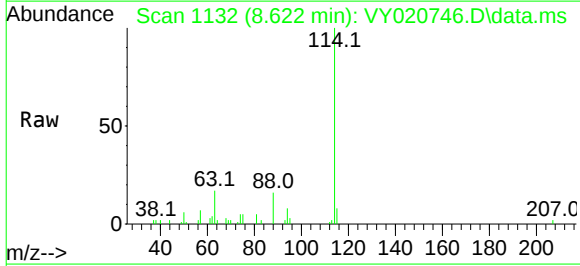




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

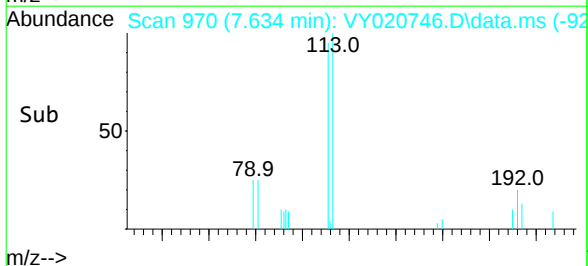
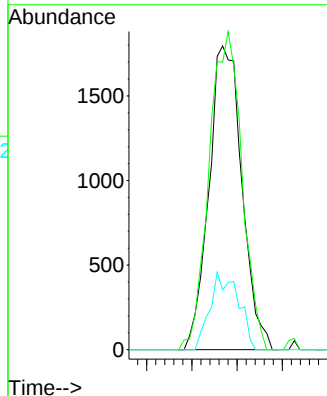
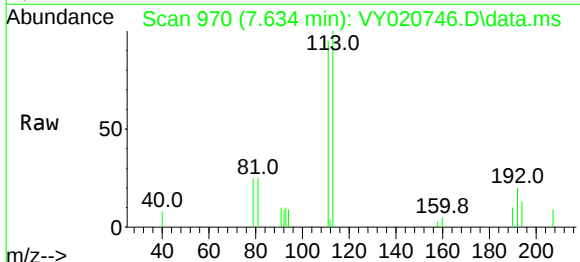
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-12272024

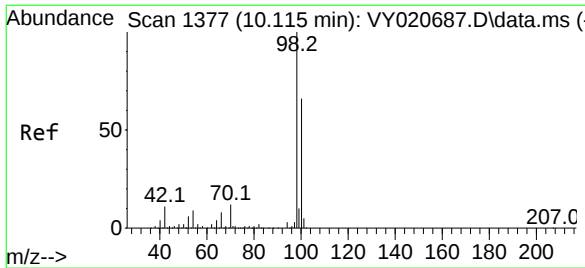
Tgt Ion:	114	Resp:	14371
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	38.4
88	16.5	0.0	30.4



#35
Dibromofluoromethane
Concen: 57.468 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

Tgt Ion:	113	Resp:	4549
Ion	Ratio	Lower	Upper
113	100		
111	104.0	79.8	119.8
192	21.8	17.0	25.6





#50

Toluene-d8

Concen: 49.187 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020746.D

Acq: 27 Dec 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

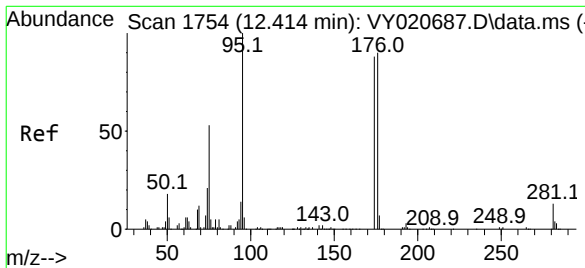
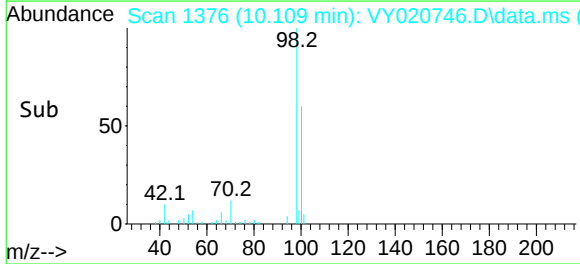
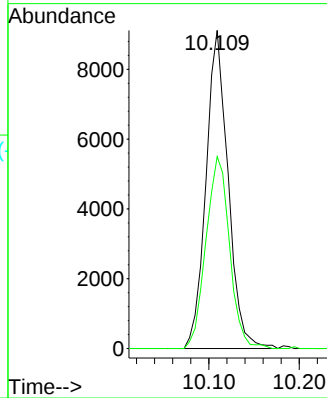
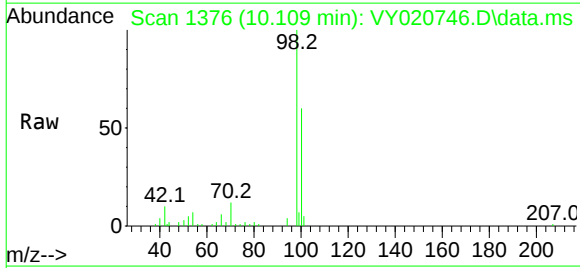
EO-01-12272024

Tgt Ion: 98 Resp: 15474

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 35.704 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020746.D

Acq: 27 Dec 2024 17:54

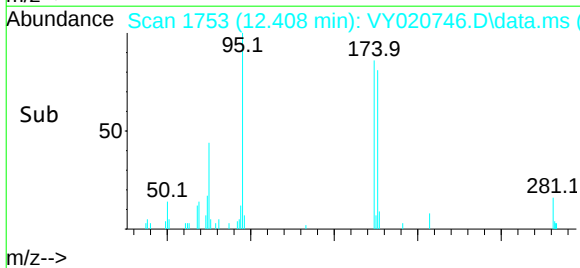
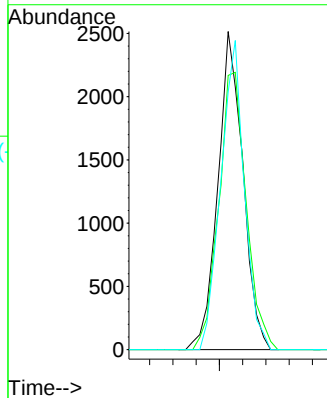
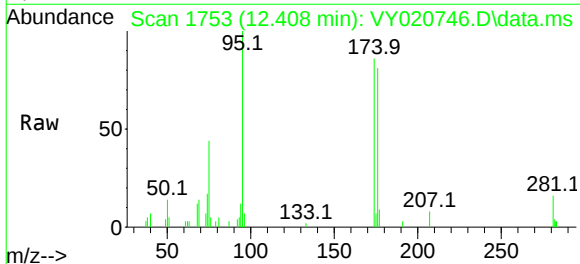
Tgt Ion: 95 Resp: 3756

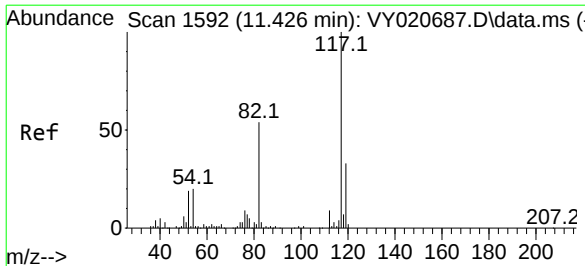
Ion Ratio Lower Upper

95 100

174 95.8 0.0 179.2

176 91.4 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020746.D

Acq: 27 Dec 2024 17:54

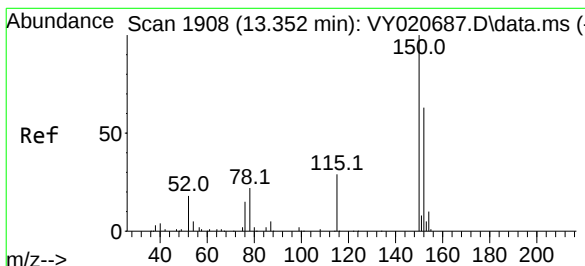
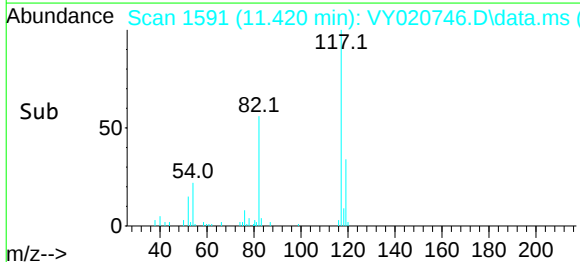
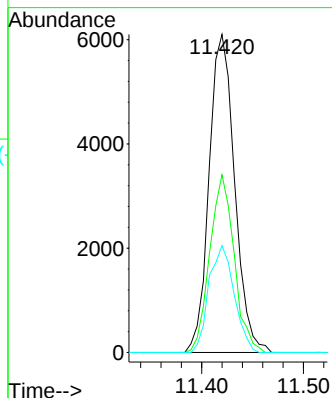
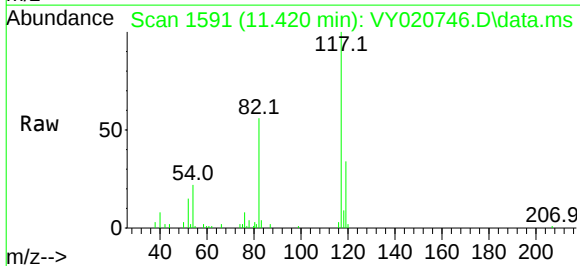
Instrument :

MSVOA_Y

ClientSampleId :

EO-01-12272024

Tgt Ion:	117	Resp:	10649
Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.4	65.2
119	33.6	26.6	39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

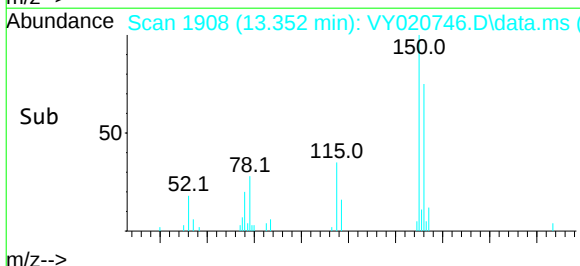
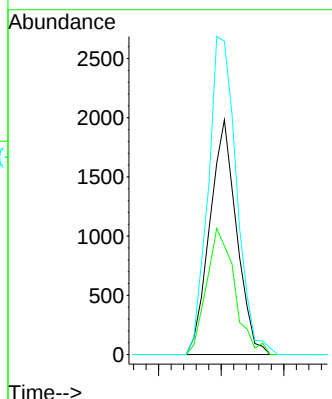
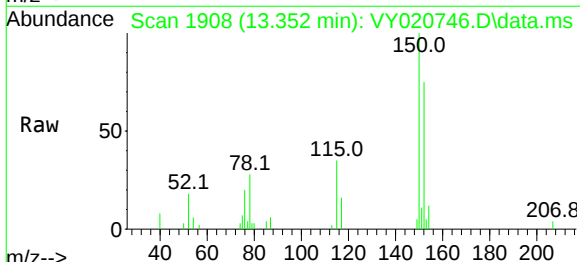
RT: 13.352 min Scan# 1908

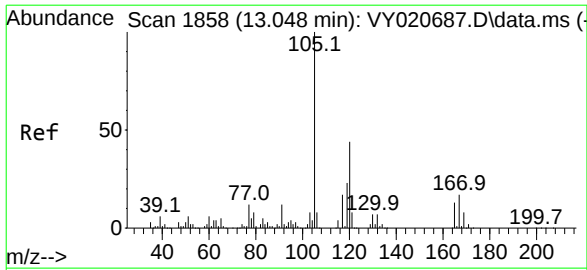
Delta R.T. 0.000 min

Lab File: VY020746.D

Acq: 27 Dec 2024 17:54

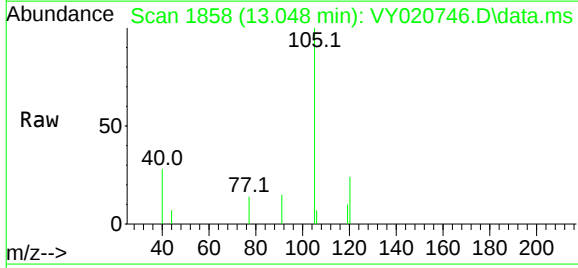
Tgt Ion:	152	Resp:	2951
Ion	Ratio	Lower	Upper
152	100		
115	56.3	30.3	90.9
150	143.6	0.0	349.0





#84
1,2,4-Trimethylbenzene
Concen: 6.594 ug/l
RT: 13.048 min Scan# 18
Delta R.T. -0.000 min
Lab File: VY020746.D
Acq: 27 Dec 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-12272024



Tgt Ion:105 Resp: 1093
Ion Ratio Lower Upper
105 100
120 45.2 21.8 65.3

