

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021667.D
 Acq On : 27 Mar 2025 15:24
 Operator : SY/MD
 Sample : Q1637-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-032525

Quant Time: Mar 28 04:00:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

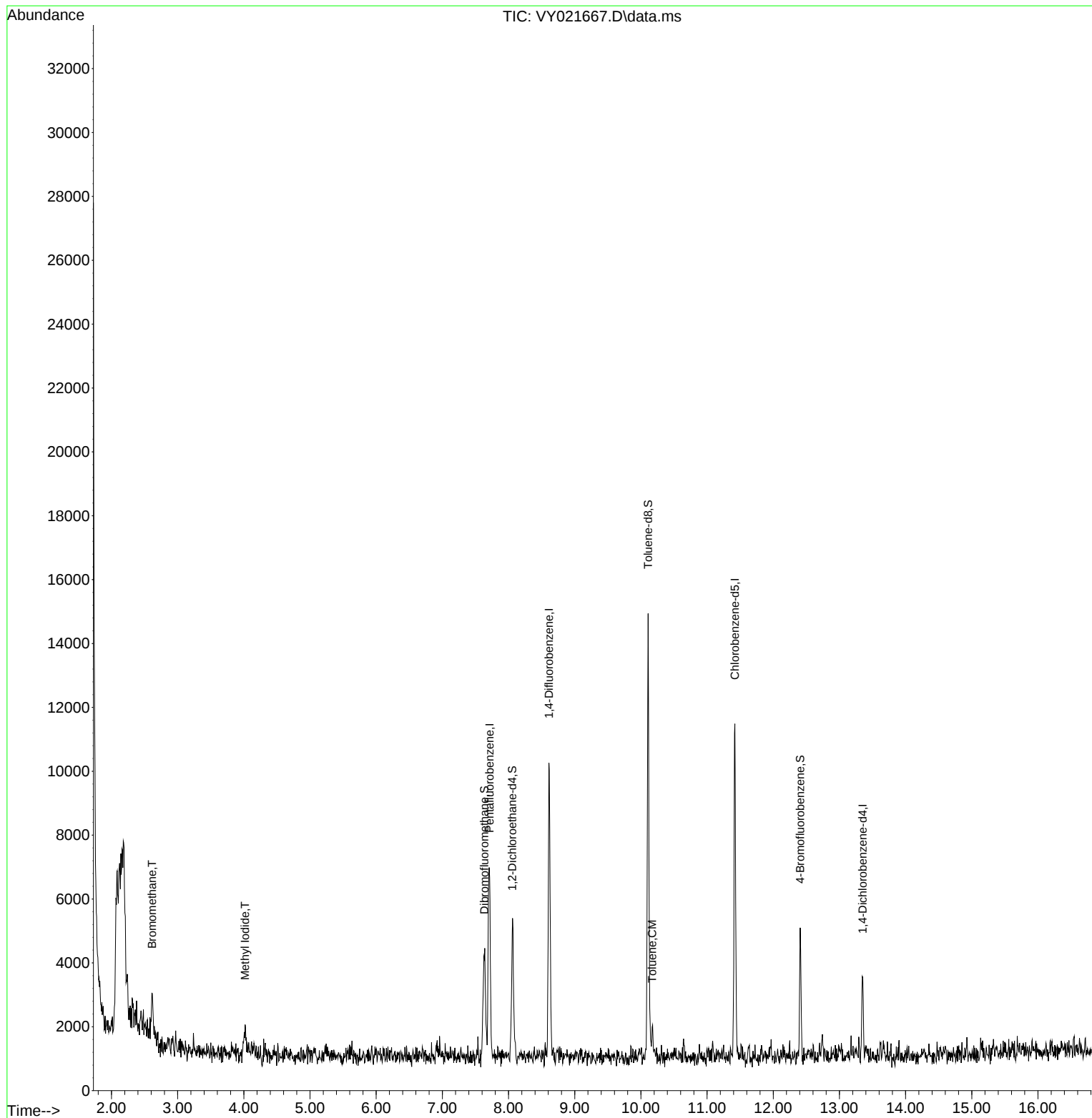
Internal Standards						
1) Pentafluorobenzene	7.713	168	4788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	7557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	5481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	3339	64.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.720%	
35) Dibromofluoromethane	7.634	113	2578	52.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.180%	
50) Toluene-d8	10.109	98	8427	45.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.380%	
62) 4-Bromofluorobenzene	12.408	95	1352	21.433	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 42.860%	
Target Compounds						Qvalue
5) Bromomethane	2.610	94	775	14.399	ug/l	99
10) Methyl Iodide	4.019	142	1775	30.345	ug/l #	79
52) Toluene	10.170	92	292	2.093	ug/l #	50

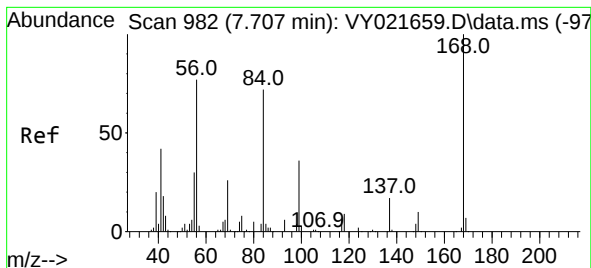
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021667.D
Acq On : 27 Mar 2025 15:24
Operator : SY/MD
Sample : Q1637-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

Quant Time: Mar 28 04:00:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY021667.D

Acq: 27 Mar 2025 15:24

Instrument :

MSVOA_Y

ClientSampleId :

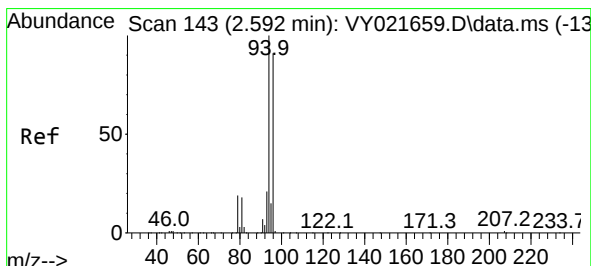
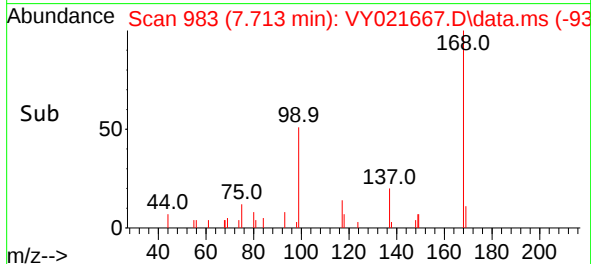
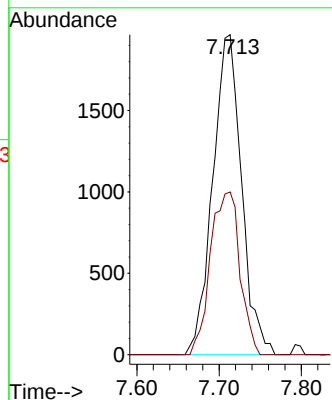
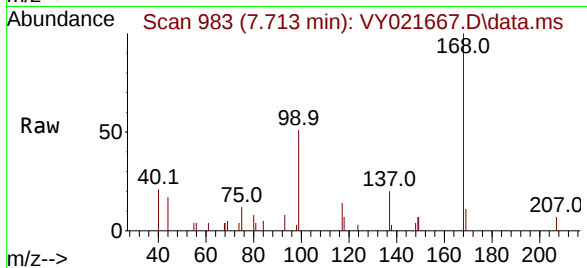
EO-01-032525

Tgt Ion:168 Resp: 4788

Ion Ratio Lower Upper

168 100

99 50.9 46.7 70.1



#5

Bromomethane

Concen: 14.399 ug/l

RT: 2.610 min Scan# 146

Delta R.T. 0.018 min

Lab File: VY021667.D

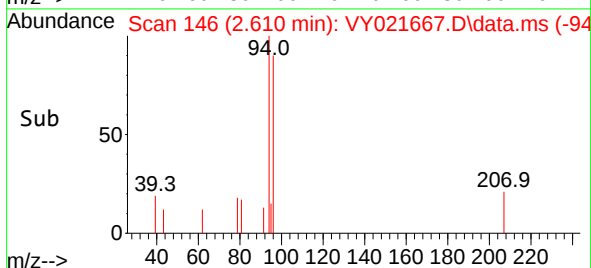
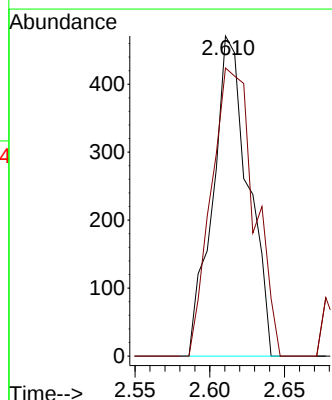
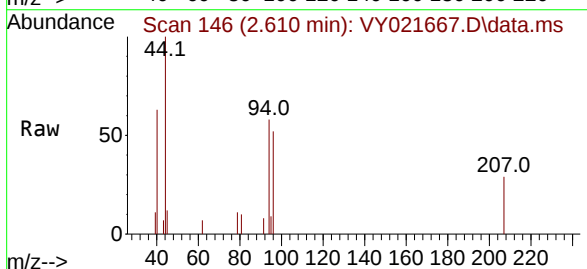
Acq: 27 Mar 2025 15:24

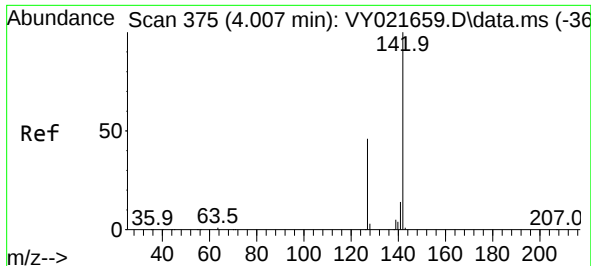
Tgt Ion: 94 Resp: 775

Ion Ratio Lower Upper

94 100

96 90.0 72.8 109.2

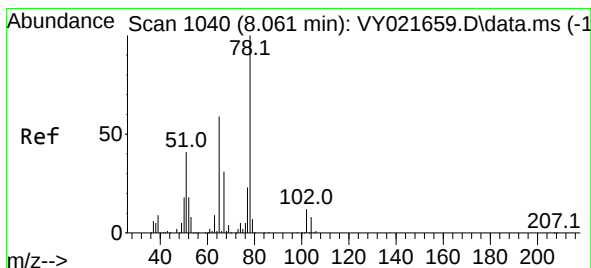
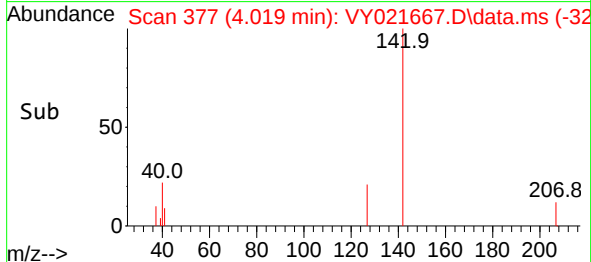
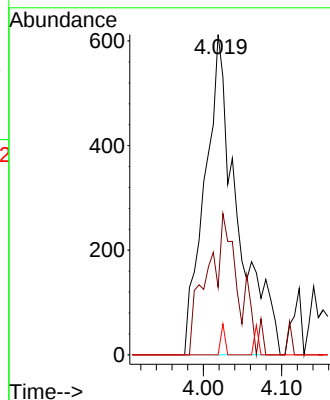
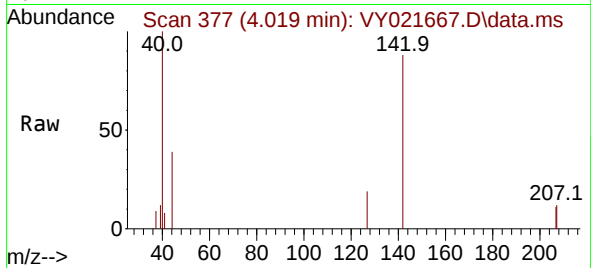




#10
Methyl Iodide
Concen: 30.345 ug/l
RT: 4.019 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY021667.D
Acq: 27 Mar 2025 15:24

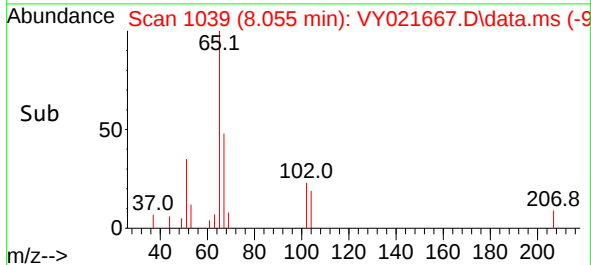
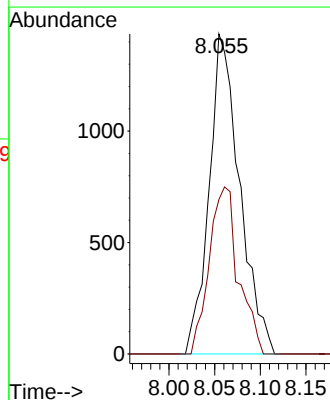
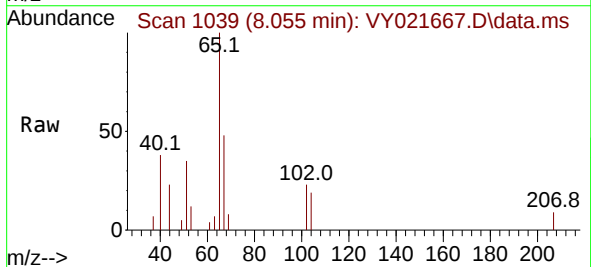
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

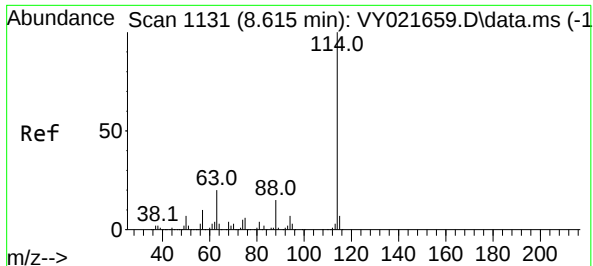
Tgt Ion:142 Resp: 1775
Ion Ratio Lower Upper
142 100
127 36.3 38.7 58.1#
141 1.2 11.5 17.3#



#33
1,2-Dichloroethane-d4
Concen: 64.364 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY021667.D
Acq: 27 Mar 2025 15:24

Tgt Ion: 65 Resp: 3339
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.6

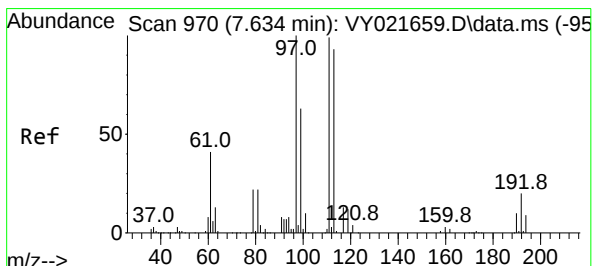
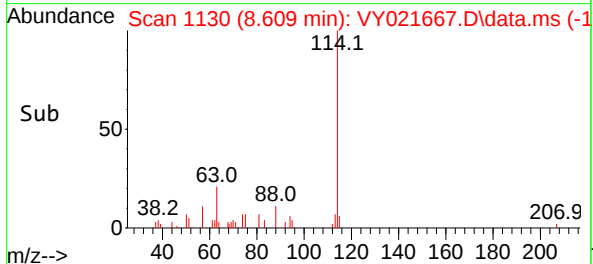
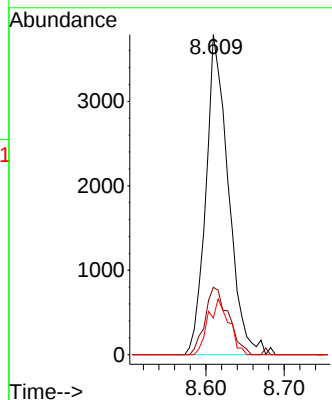
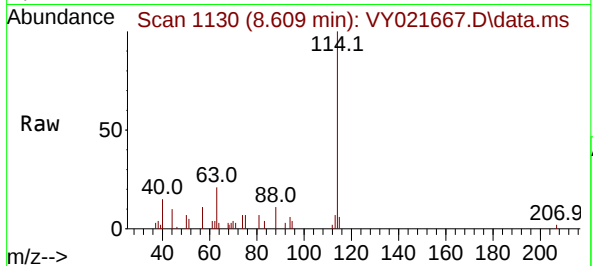




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY021667.D
 Acq: 27 Mar 2025 15:24

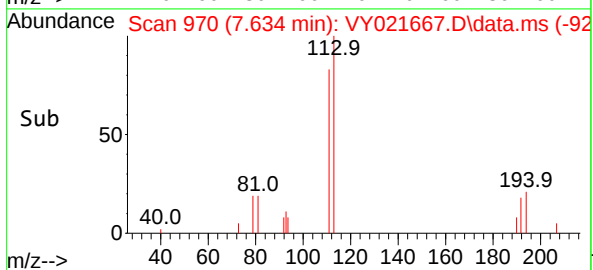
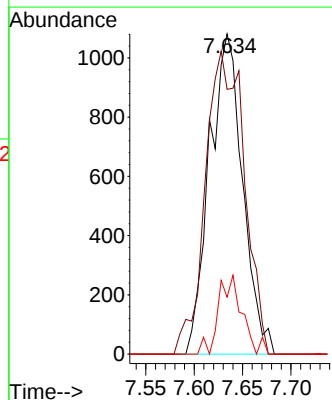
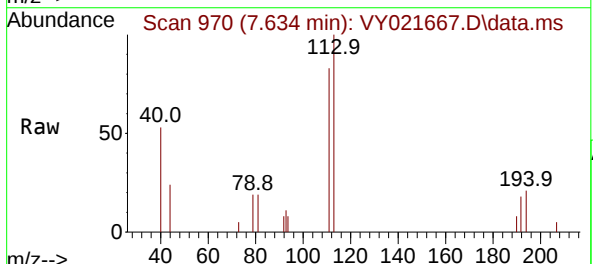
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-032525

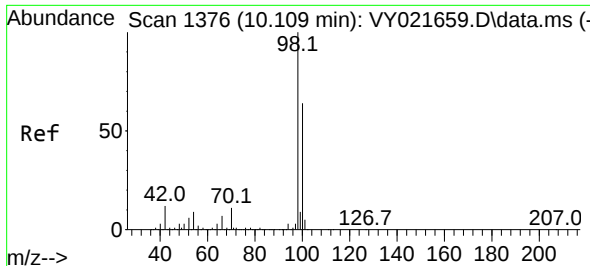
Tgt Ion:114	Resp:	7557
Ion	Ratio	Lower Upper
114	100	
63	21.0	0.0 40.2
88	11.5	0.0 29.8



#35
 Dibromofluoromethane
 Concen: 52.590 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY021667.D
 Acq: 27 Mar 2025 15:24

Tgt Ion:113	Resp:	2578
Ion	Ratio	Lower Upper
113	100	
111	110.8	82.6 123.8
192	17.5	16.2 24.4

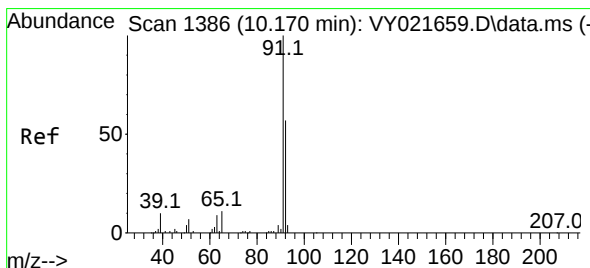
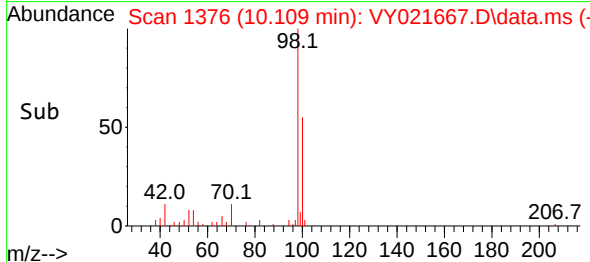
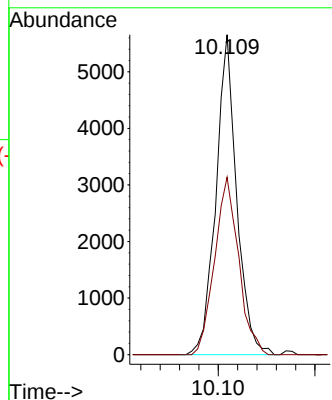
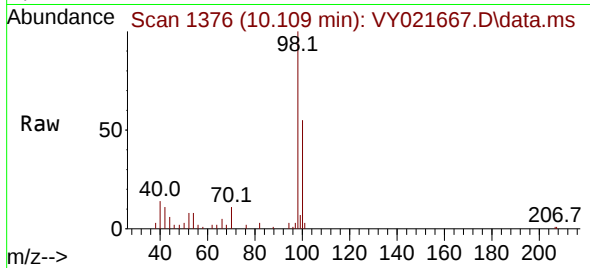




#50
Toluene-d8
Concen: 45.187 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021667.D
Acq: 27 Mar 2025 15:24

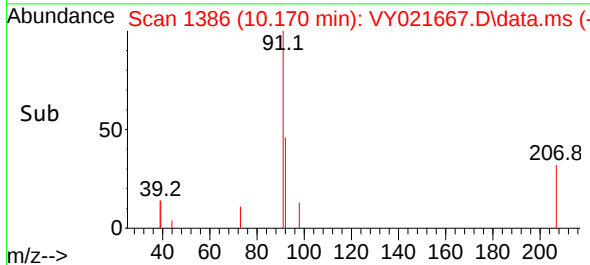
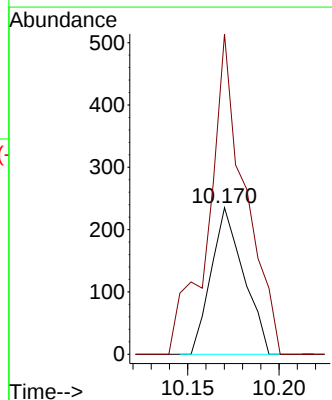
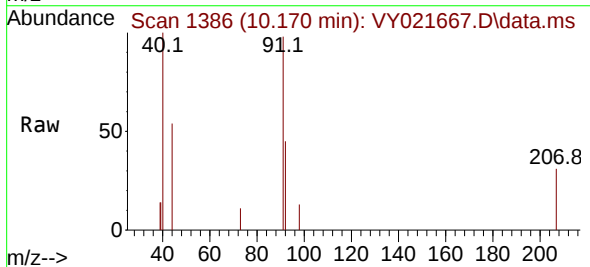
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

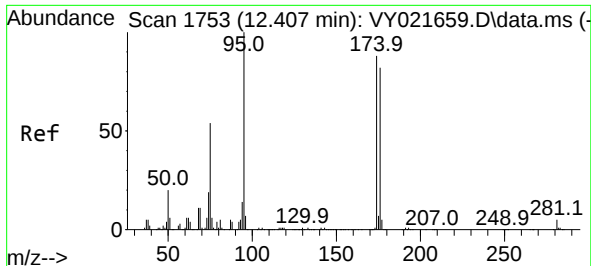
Tgt Ion: 98 Resp: 8427
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#52
Toluene
Concen: 2.093 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021667.D
Acq: 27 Mar 2025 15:24

Tgt Ion: 92 Resp: 292
Ion Ratio Lower Upper
92 100
91 242.8 138.6 207.8#

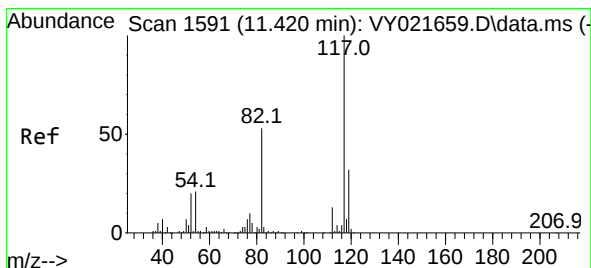
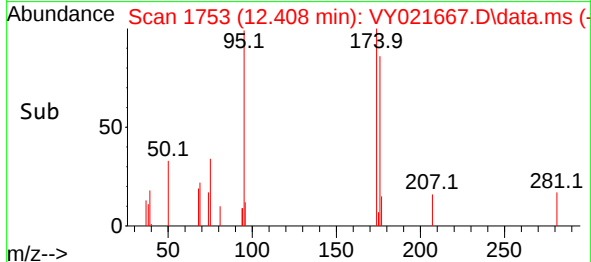
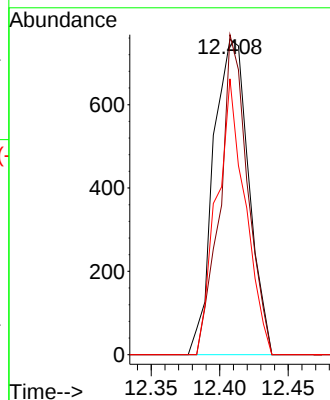
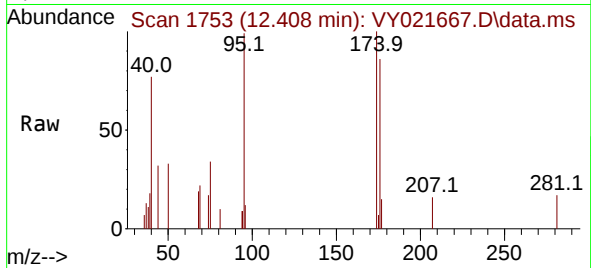




#62
4-Bromofluorobenzene
Concen: 21.433 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021667.D
Acq: 27 Mar 2025 15:24

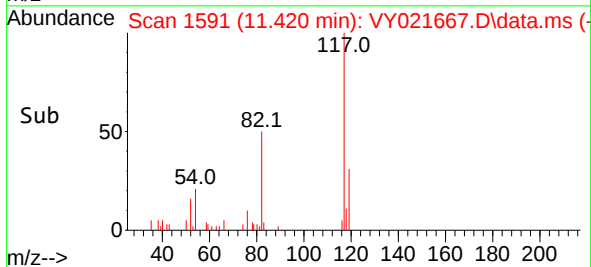
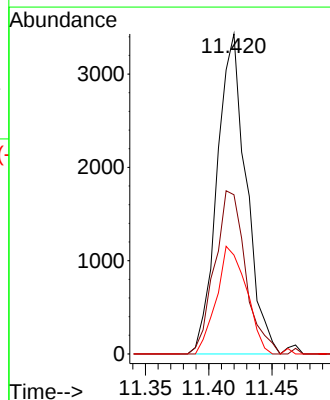
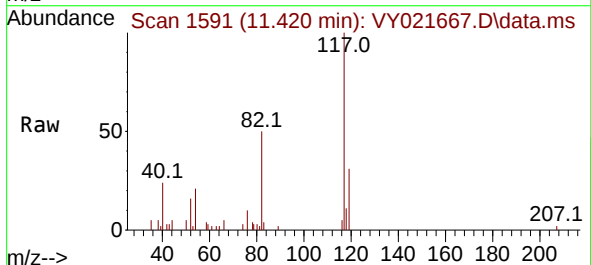
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032525

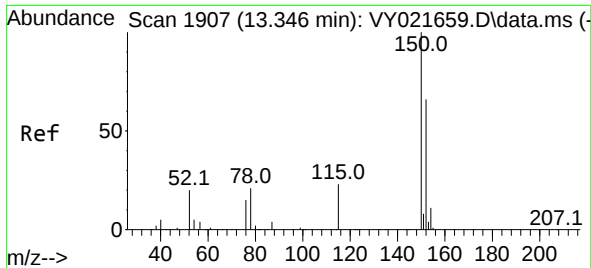
Tgt Ion:	95	Resp:	1352
Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	170.8
176	70.6	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021667.D
Acq: 27 Mar 2025 15:24

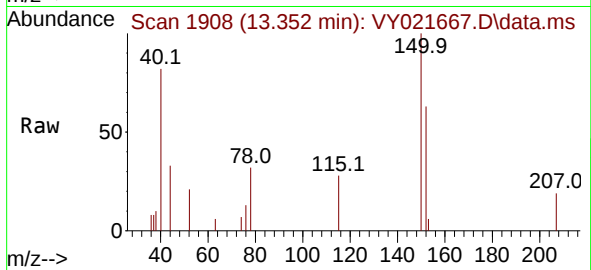
Tgt Ion:	117	Resp:	5481
Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.8	64.2
119	30.9	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY021667.D
 Acq: 27 Mar 2025 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-032525



Tgt Ion:	152	Resp:	719
Ion	Ratio	Lower	Upper
152	100		
115	72.5	28.8	86.5
150	178.2	0.0	348.4

