

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019936.D
 Acq On : 17 Oct 2024 16:48
 Operator : SY/MD
 Sample : P4421-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-101624

Quant Time: Oct 18 01:44:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

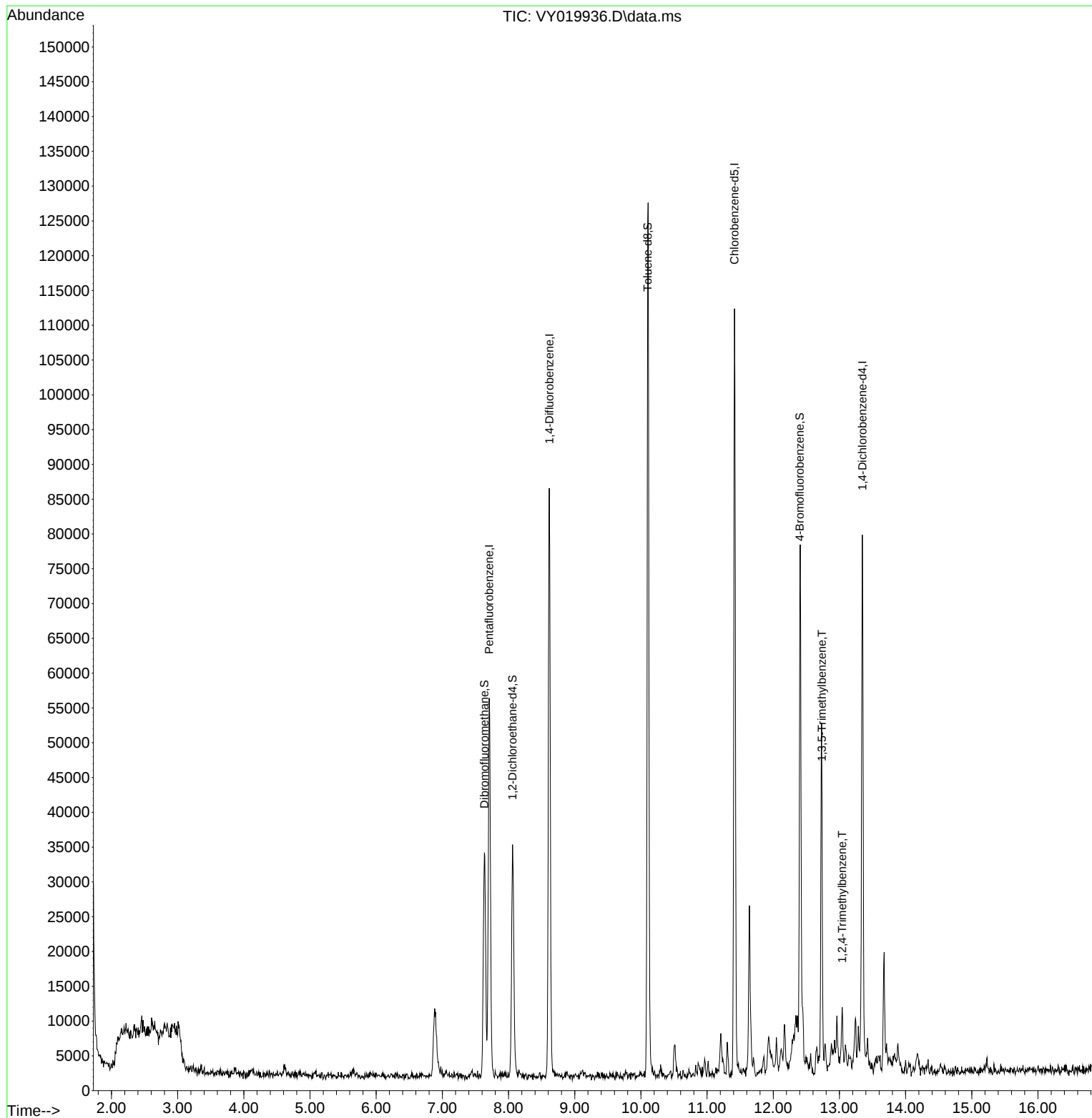
Internal Standards						
1) Pentafluorobenzene	7.707	168	37464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	67587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	55937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	15952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	25182	54.590	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.180%			
35) Dibromofluoromethane	7.634	113	22986	51.538	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.080%			
50) Toluene-d8	10.103	98	80191	48.689	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.380%			
62) 4-Bromofluorobenzene	12.401	95	21216	35.650	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 71.300%			
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.737	105	2871	2.649	ug/l	91
84) 1,2,4-Trimethylbenzene	13.042	105	4170	3.881	ug/l	96

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

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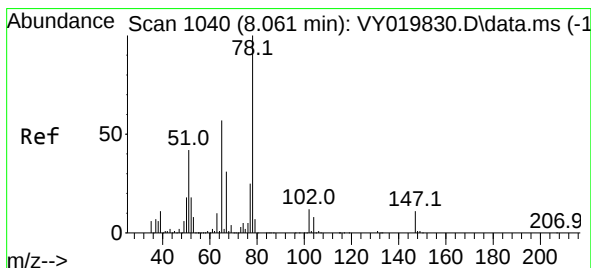
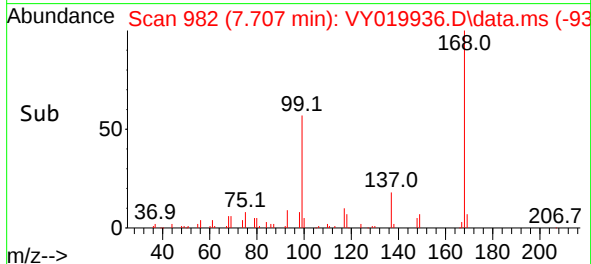
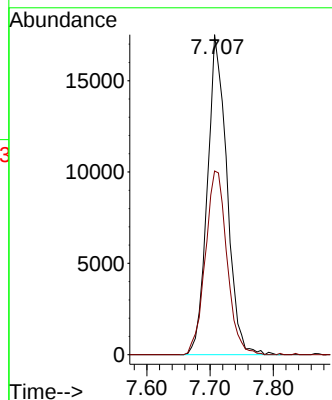
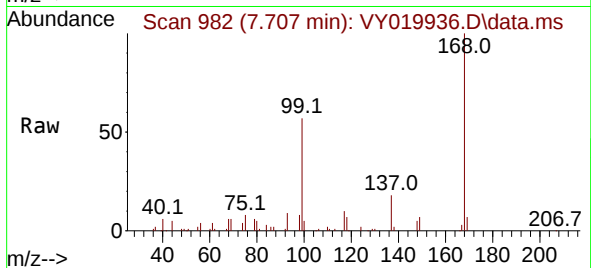




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019936.D
Acq: 17 Oct 2024 16:48

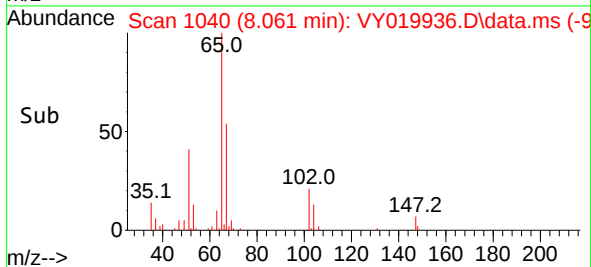
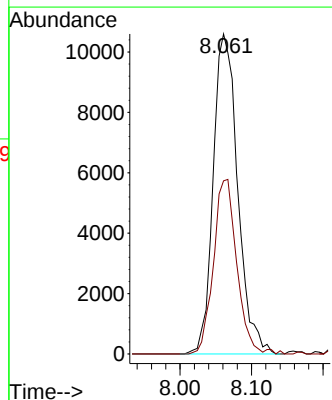
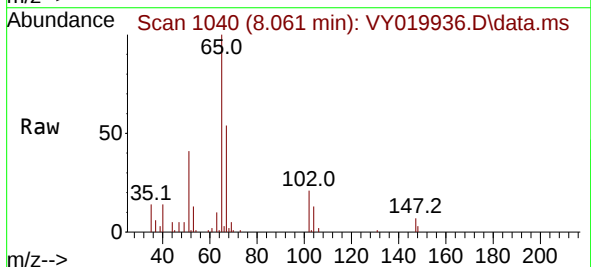
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-101624

Tgt Ion:168 Resp: 37464
Ion Ratio Lower Upper
168 100
99 57.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.590 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019936.D
Acq: 17 Oct 2024 16:48

Tgt Ion: 65 Resp: 25182
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6

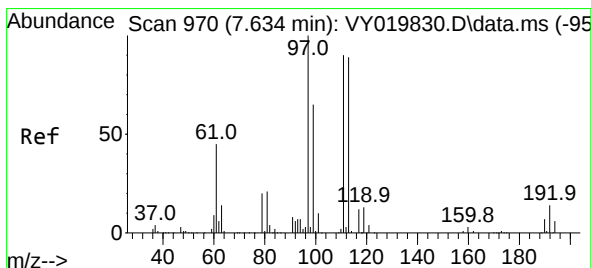
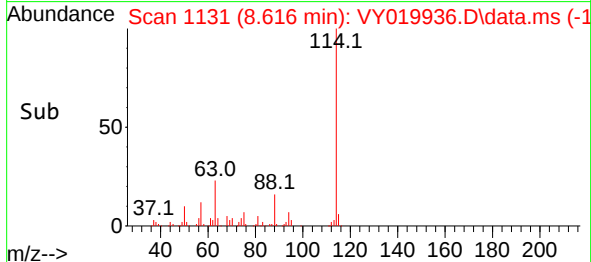
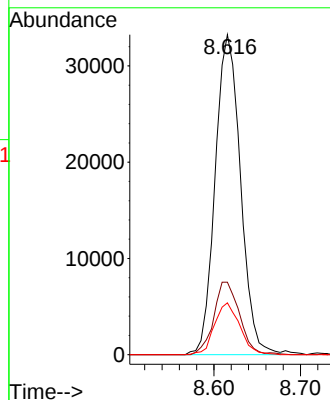
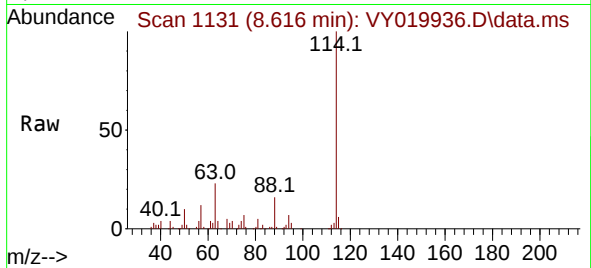




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019936.D
Acq: 17 Oct 2024 16:48

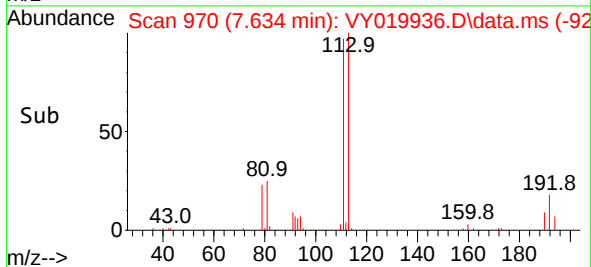
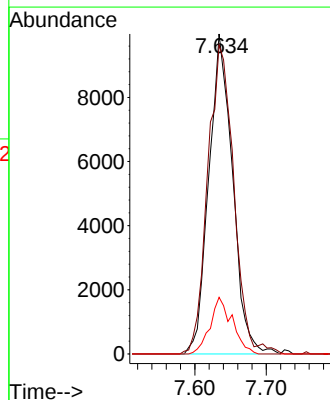
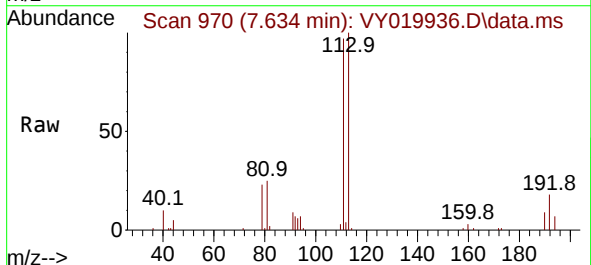
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-101624

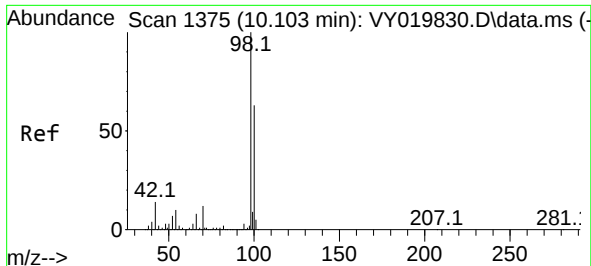
Tgt Ion:	114	Resp:	67587
Ion Ratio	Lower	Upper	
114	100		
63	22.6	0.0	35.0
88	16.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 51.538 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019936.D
Acq: 17 Oct 2024 16:48

Tgt Ion:	113	Resp:	22986
Ion Ratio	Lower	Upper	
113	100		
111	105.8	82.2	123.4
192	16.6	15.9	23.9

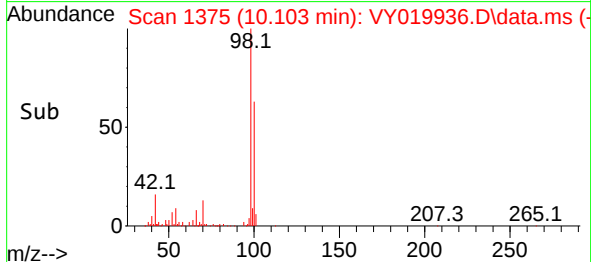
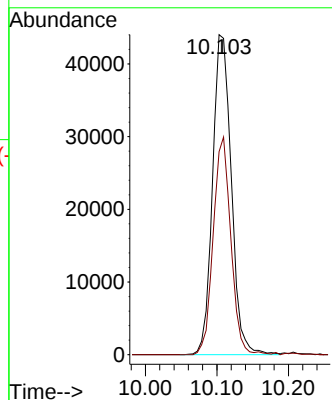
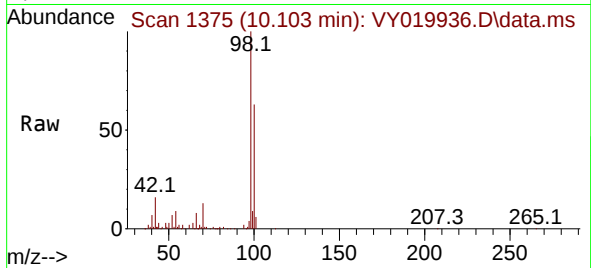




#50
Toluene-d8
Concen: 48.689 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019936.D
Acq: 17 Oct 2024 16:48

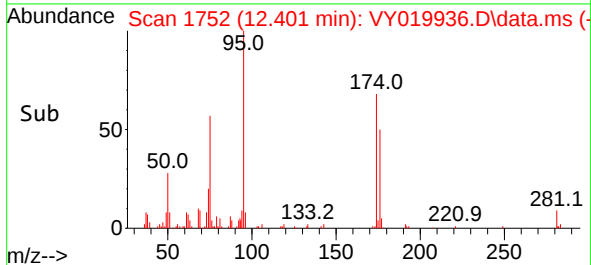
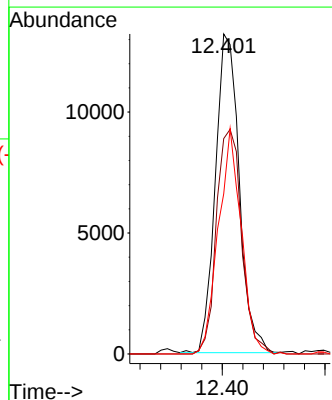
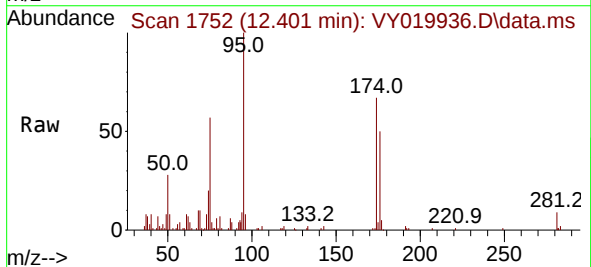
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-101624

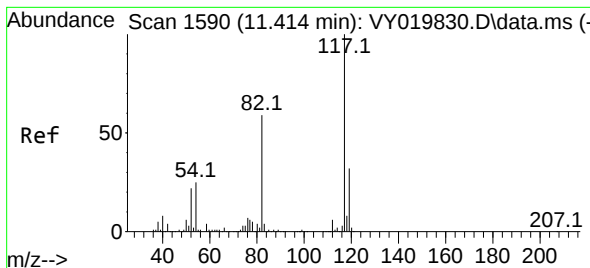
Tgt Ion: 98 Resp: 80191
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.650 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019936.D
Acq: 17 Oct 2024 16:48

Tgt Ion: 95 Resp: 21216
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 67.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019936.D

Acq: 17 Oct 2024 16:48

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-101624

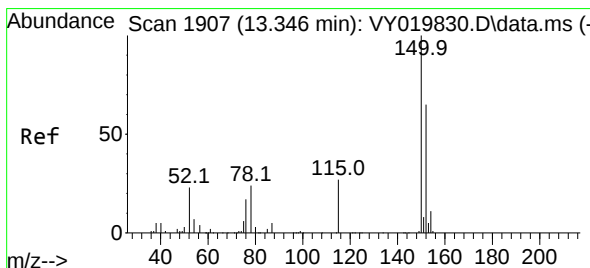
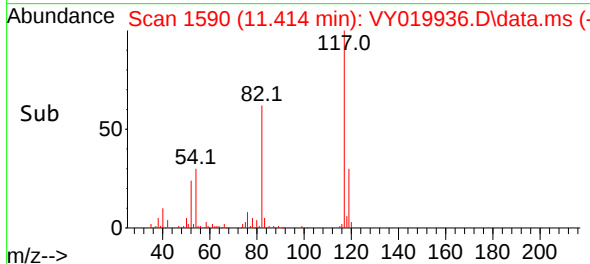
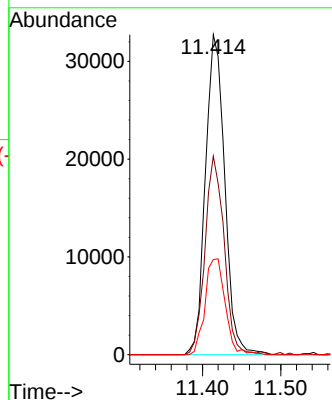
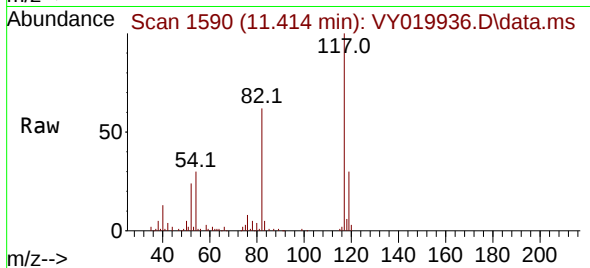
Tgt Ion:117 Resp: 55937

Ion Ratio Lower Upper

117 100

82 62.1 42.4 63.6

119 29.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019936.D

Acq: 17 Oct 2024 16:48

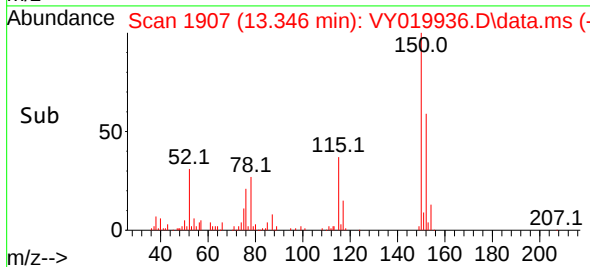
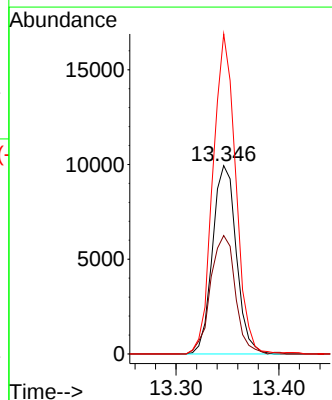
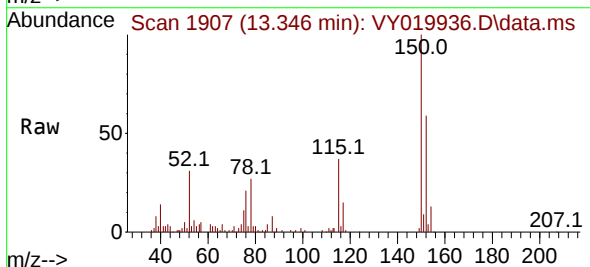
Tgt Ion:152 Resp: 15952

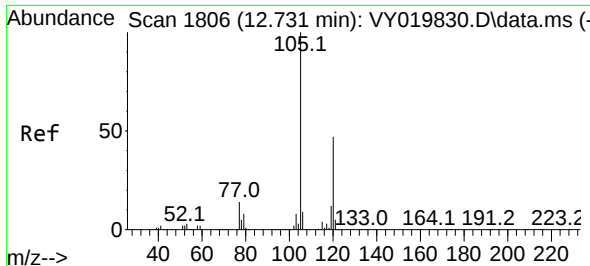
Ion Ratio Lower Upper

152 100

115 65.4 28.2 84.7

150 162.9 0.0 345.6

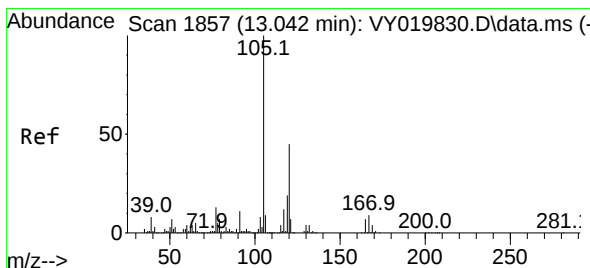
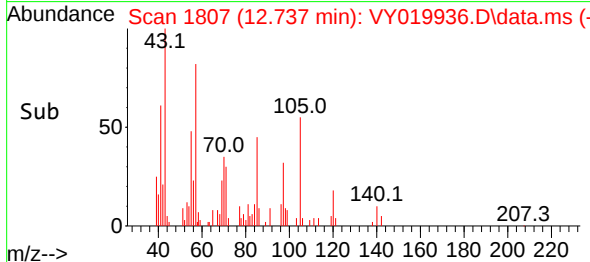
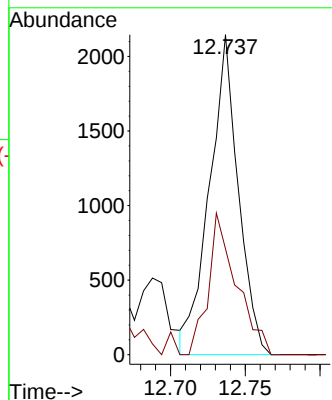
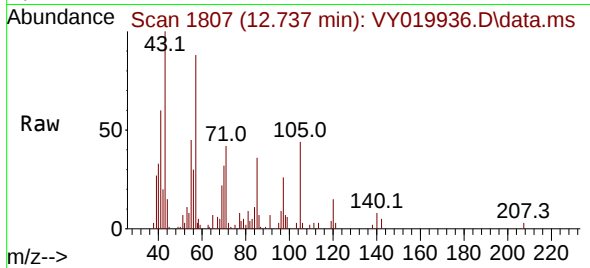




#80
1,3,5-Trimethylbenzene
Concen: 2.649 ug/l
RT: 12.737 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY019936.D
Acq: 17 Oct 2024 16:48

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-101624

Tgt Ion:105 Resp: 2871
Ion Ratio Lower Upper
105 100
120 43.6 25.1 75.2



#84
1,2,4-Trimethylbenzene
Concen: 3.881 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019936.D
Acq: 17 Oct 2024 16:48

Tgt Ion:105 Resp: 4170
Ion Ratio Lower Upper
105 100
120 43.5 23.2 69.6

