

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018837.D
 Acq On : 16 Jul 2024 17:25
 Operator : SY/MD
 Sample : P3224-09RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 400STEVEN-2RE

Quant Time: Jul 17 01:58:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

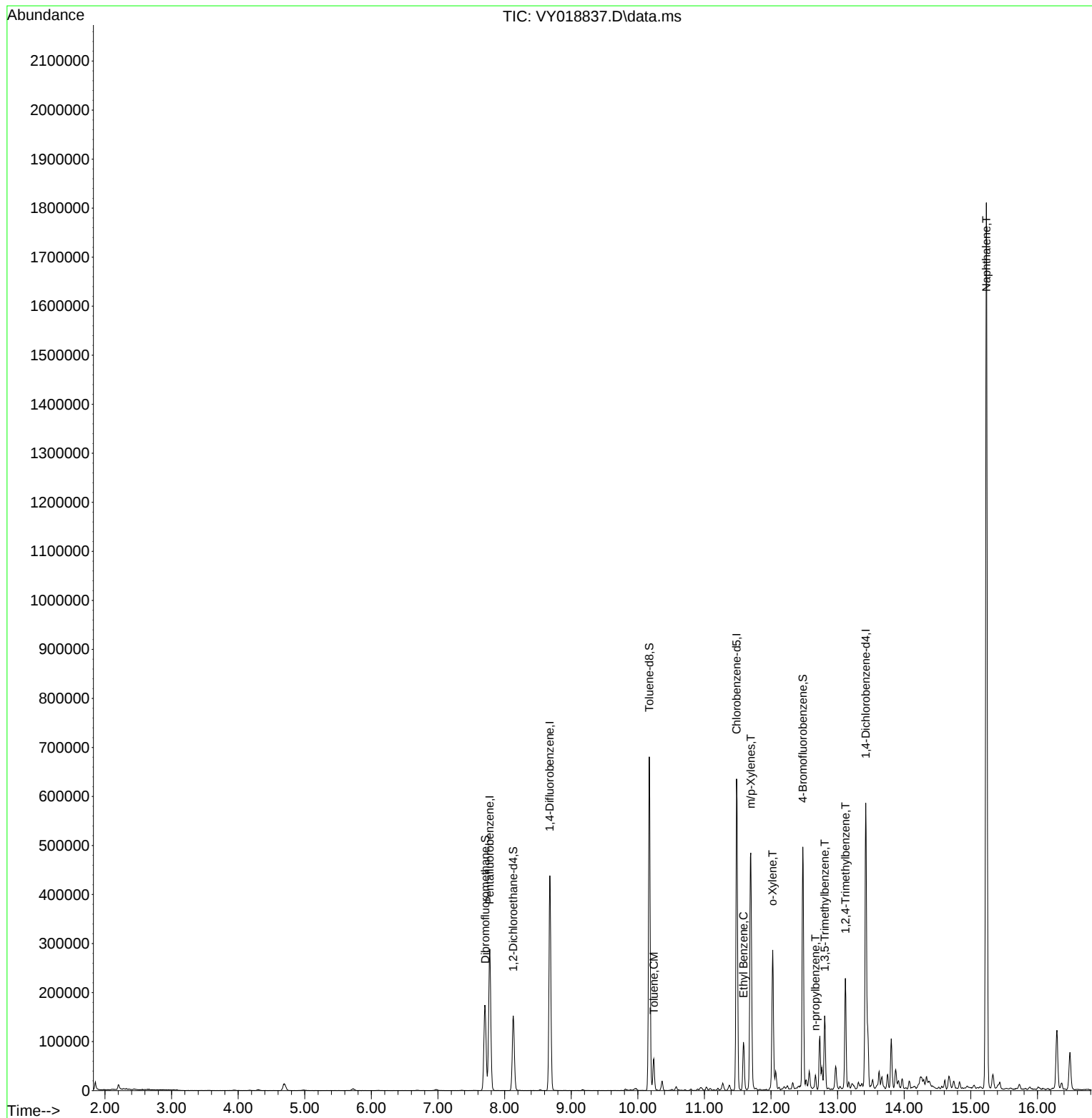
Internal Standards						
1) Pentafluorobenzene	7.777	168	223658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	379292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	349379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	111400	50.617	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.240%		
35) Dibromofluoromethane	7.709	113	117166	49.321	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.640%		
50) Toluene-d8	10.172	98	430226	47.802	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.600%		
62) 4-Bromofluorobenzene	12.477	95	145101	47.209	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.420%		
Target Compounds						
52) Toluene	10.240	92	26717	4.227	ug/l	97
67) Ethyl Benzene	11.587	91	68264	5.287	ug/l	98
68) m/p-Xylenes	11.697	106	145911	28.798	ug/l	99
69) o-Xylene	12.026	106	74651	15.672	ug/l	100
78) n-propylbenzene	12.666	91	21219	1.640	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	57307	6.430	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	117619	13.281	ug/l	98
95) Naphthalene	15.233	128	1435916	310.815	ug/l	99

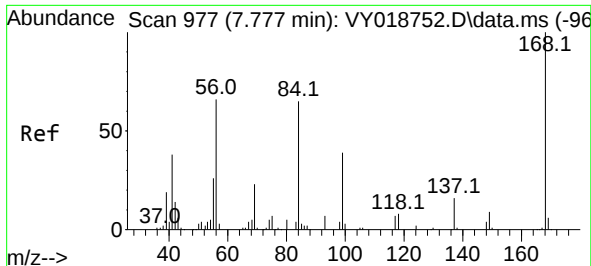
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

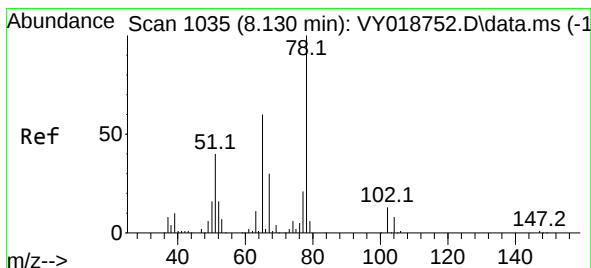
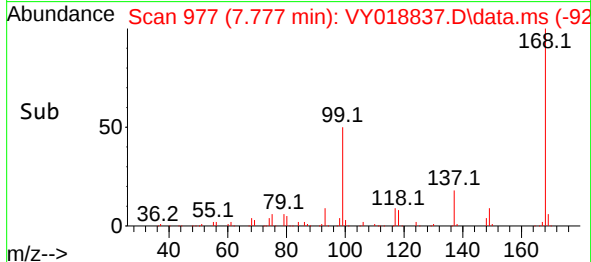
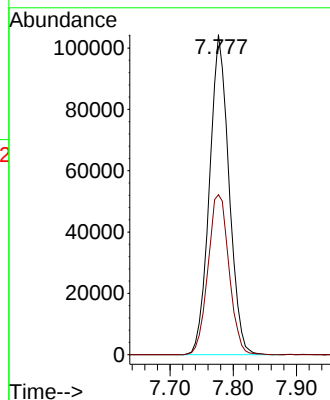
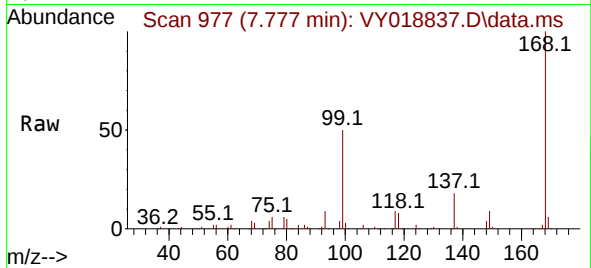




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

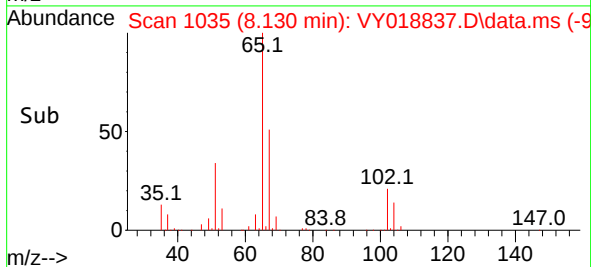
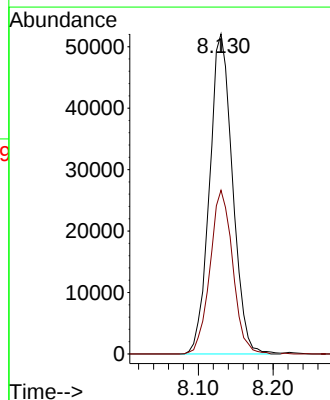
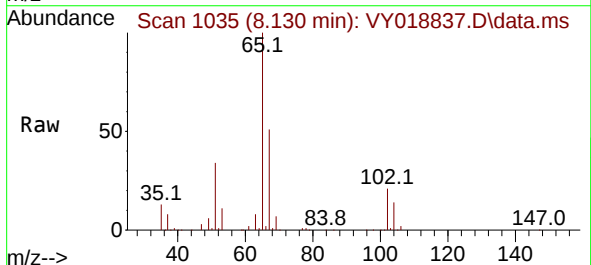
Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2RE

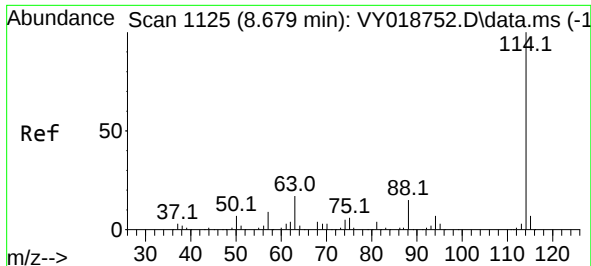
Tgt Ion:168 Resp: 223658
Ion Ratio Lower Upper
168 100
99 50.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.617 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

Tgt Ion: 65 Resp: 111400
Ion Ratio Lower Upper
65 100
67 50.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018837.D

Acq: 16 Jul 2024 17:25

Instrument :

MSVOA_Y

ClientSampleId :

400STEVEN-2RE

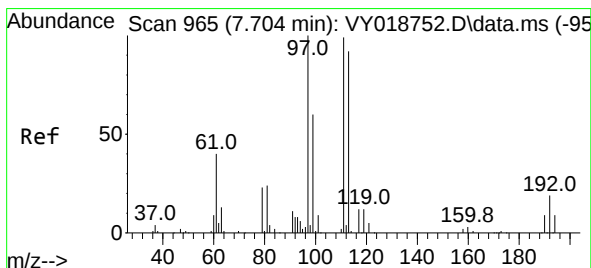
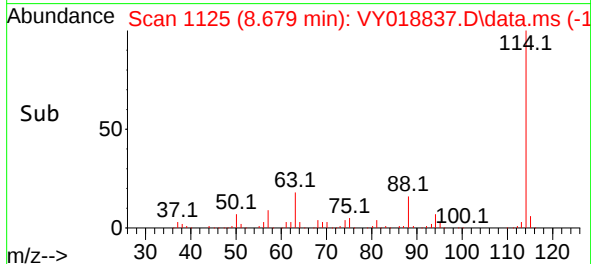
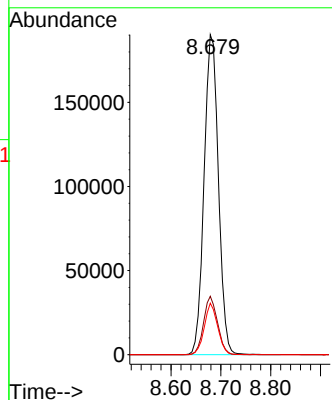
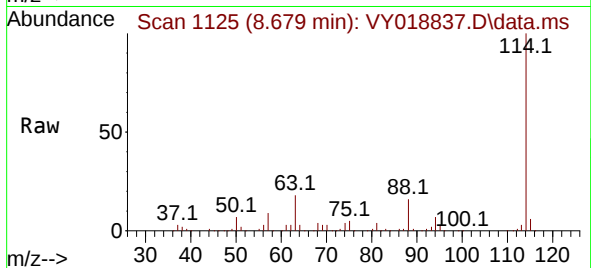
Tgt Ion:114 Resp: 379292

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.321 ug/l

RT: 7.709 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018837.D

Acq: 16 Jul 2024 17:25

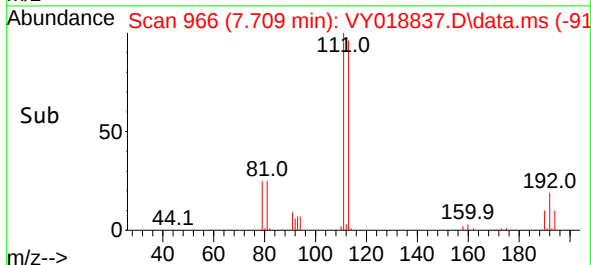
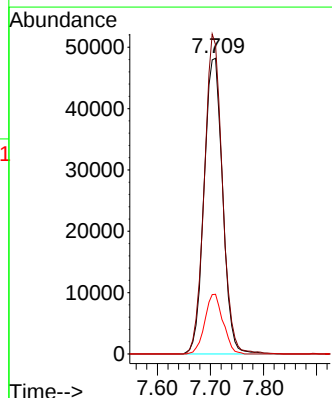
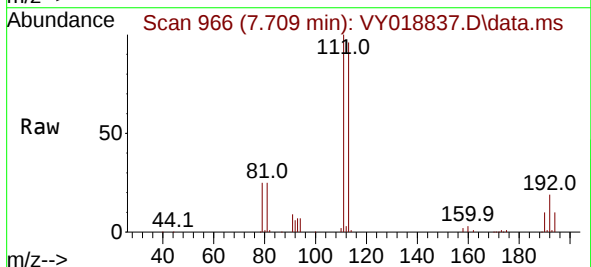
Tgt Ion:113 Resp: 117166

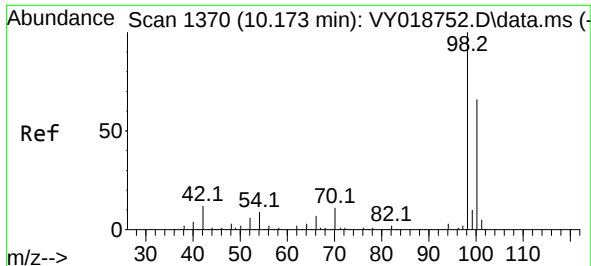
Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 19.8 15.9 23.9

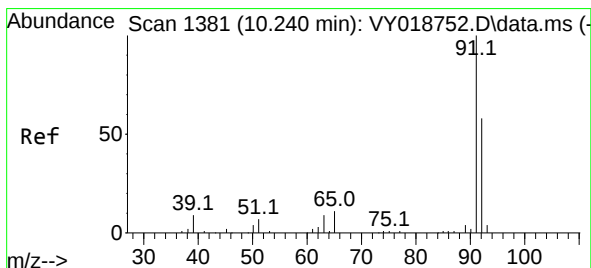
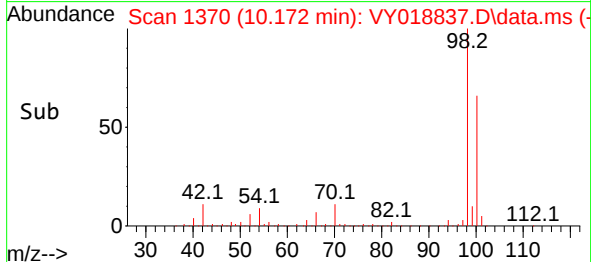
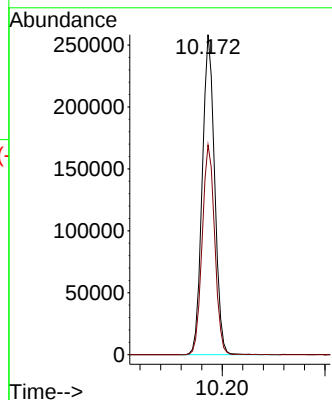
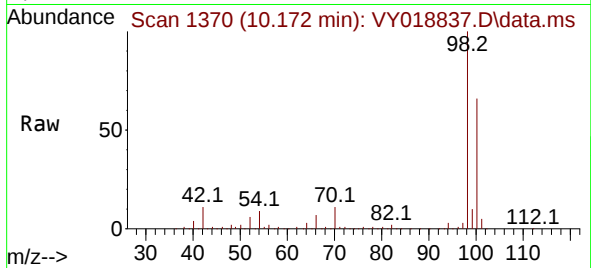




#50
Toluene-d8
Concen: 47.802 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

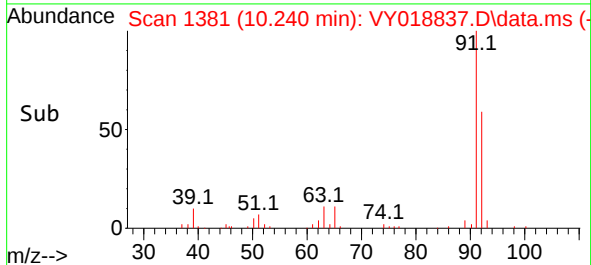
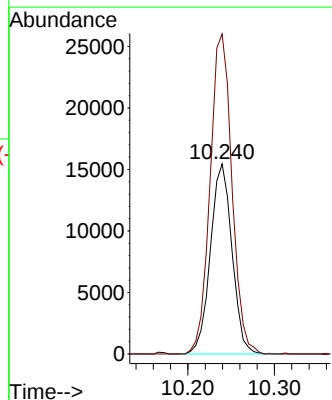
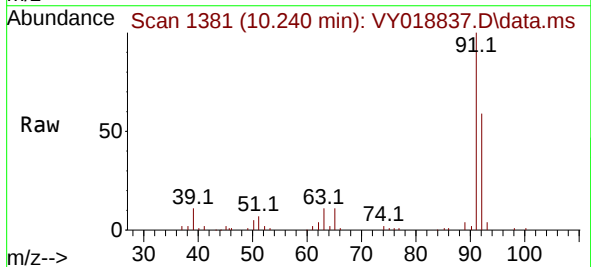
Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2RE

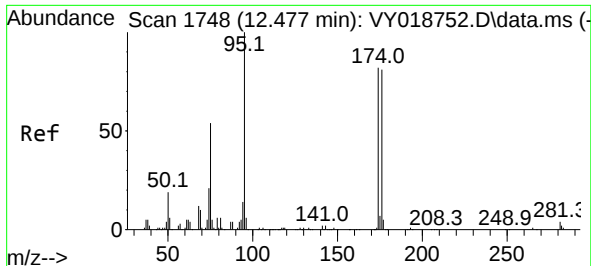
Tgt Ion: 98 Resp: 430226
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#52
Toluene
Concen: 4.227 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

Tgt Ion: 92 Resp: 26717
Ion Ratio Lower Upper
92 100
91 170.3 139.0 208.6

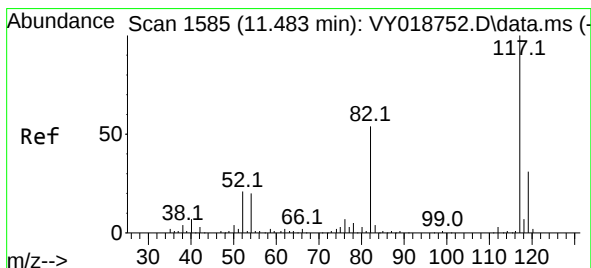
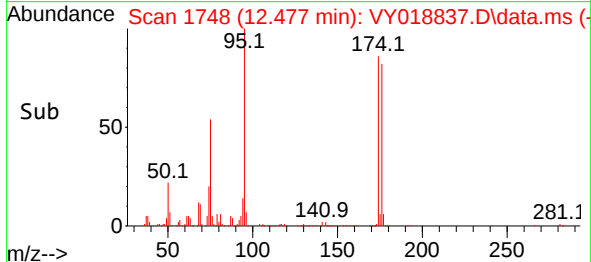
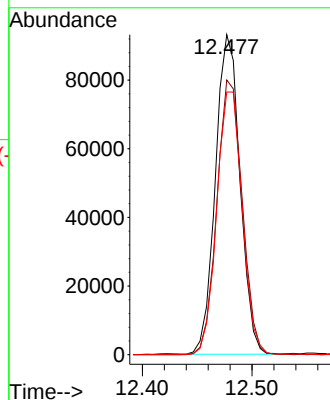
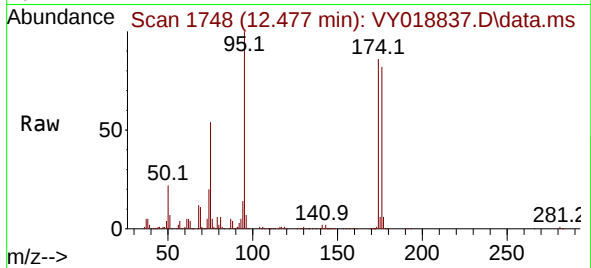




#62
4-Bromofluorobenzene
Concen: 47.209 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

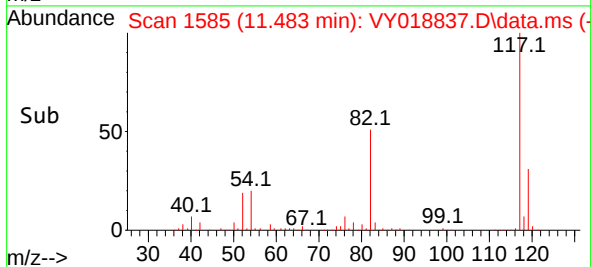
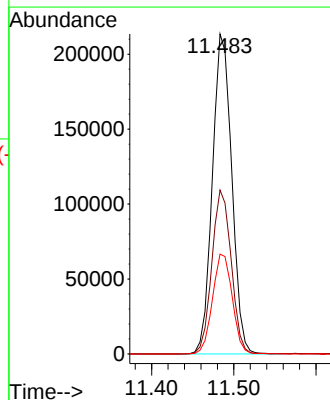
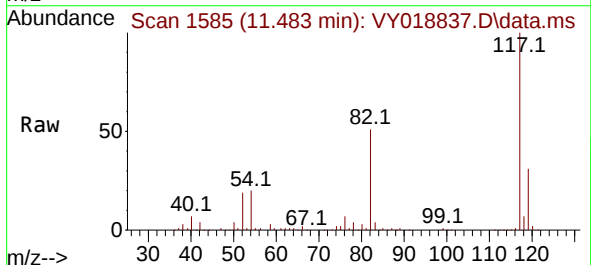
Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2RE

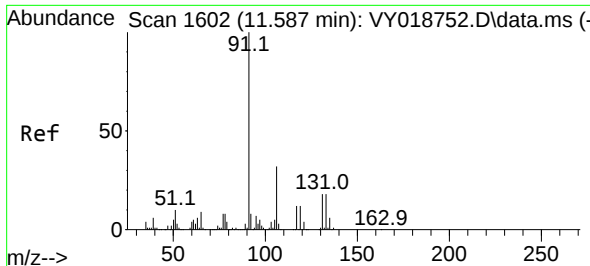
Tgt Ion: 95 Resp: 145101
Ion Ratio Lower Upper
95 100
174 88.5 0.0 175.6
176 85.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

Tgt Ion: 117 Resp: 349379
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 31.2 25.9 38.9

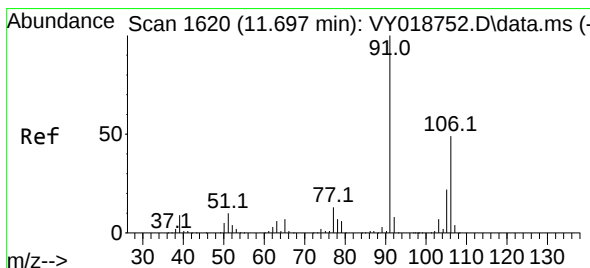
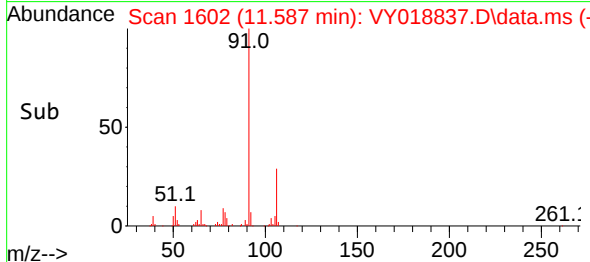
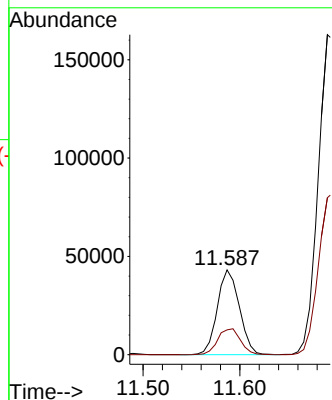
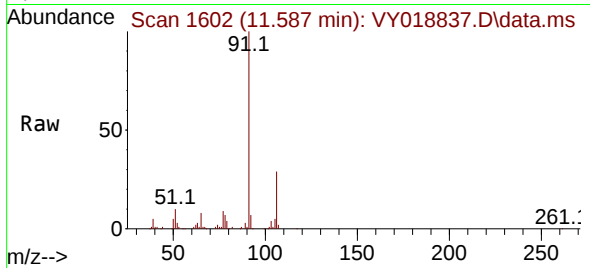




#67
Ethyl Benzene
Concen: 5.287 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

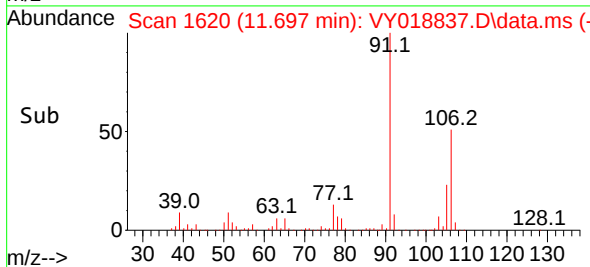
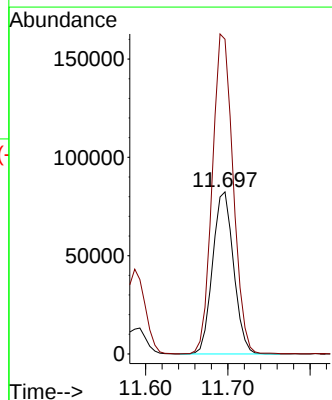
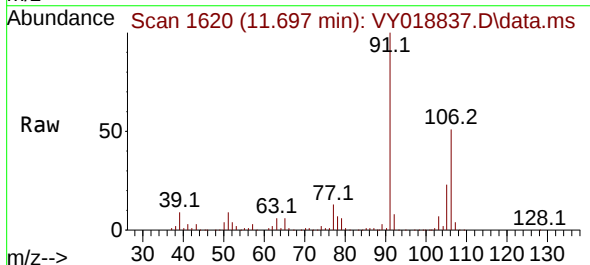
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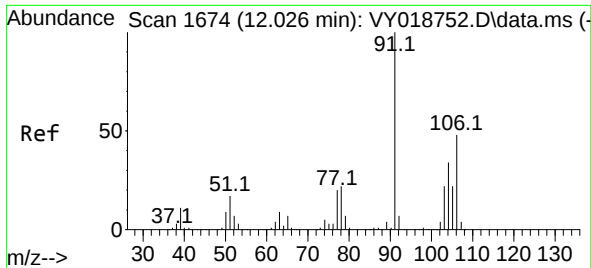
Tgt Ion: 91 Resp: 68264
Ion Ratio Lower Upper
91 100
106 29.3 24.5 36.7



#68
m/p-Xylenes
Concen: 28.798 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

Tgt Ion: 106 Resp: 145911
Ion Ratio Lower Upper
106 100
91 196.8 156.0 234.0

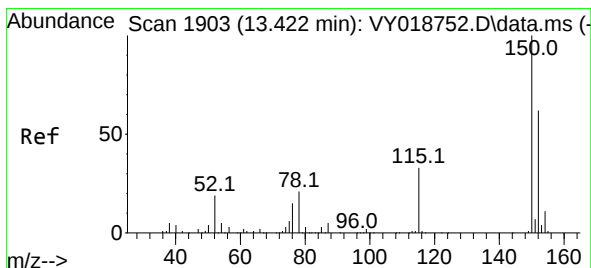
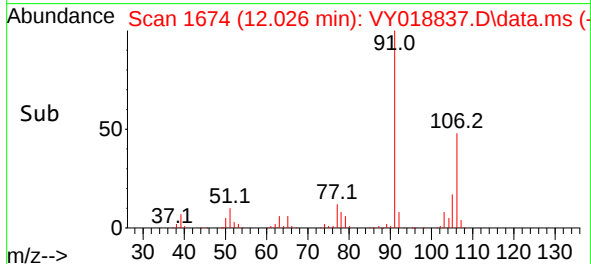
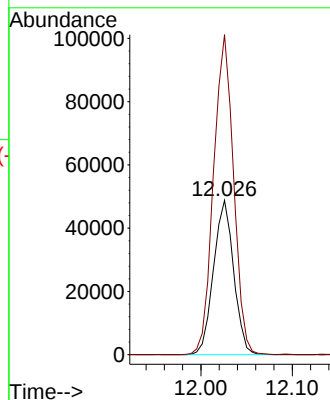
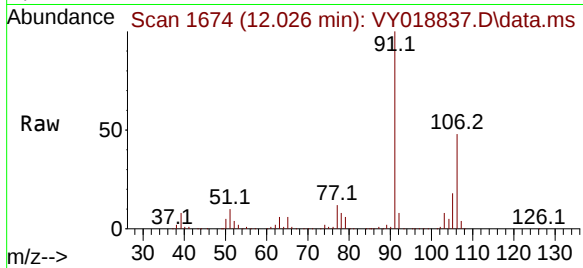




#69
o-Xylene
Concen: 15.672 ug/l
RT: 12.026 min Scan# 110
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

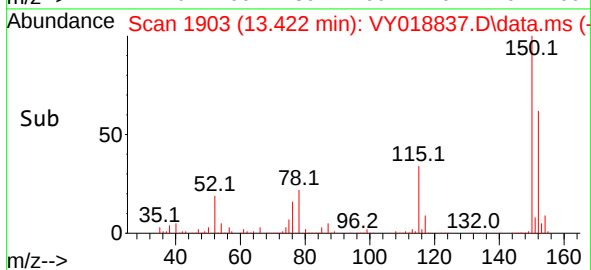
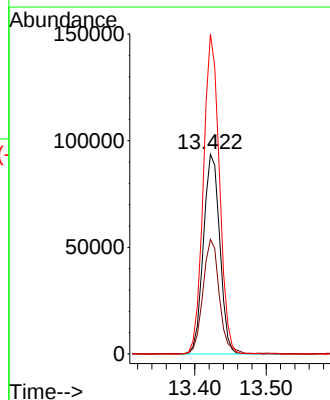
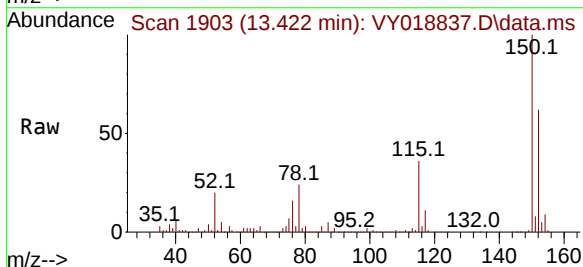
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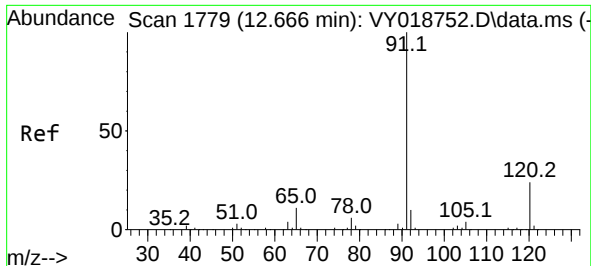
Tgt Ion:106 Resp: 74651
Ion Ratio Lower Upper
106 100
91 206.5 103.6 310.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

Tgt Ion:152 Resp: 148827
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.7 0.0 345.6

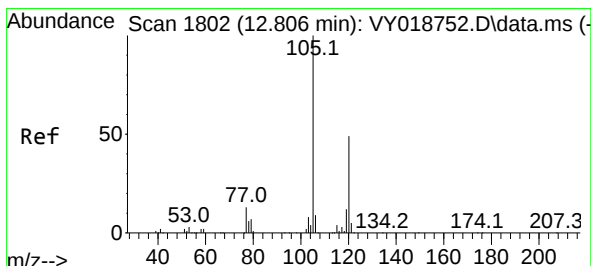
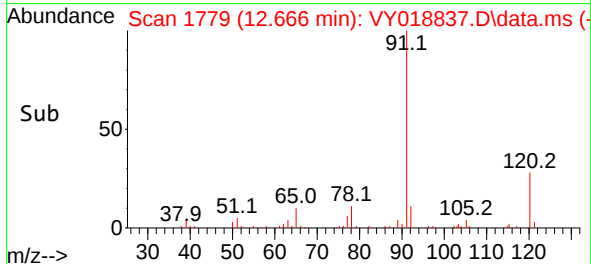
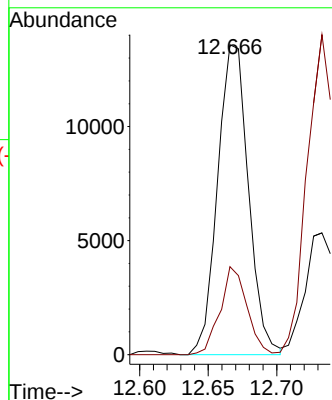
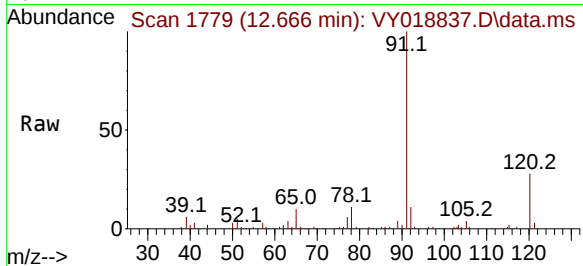




#78
n-propylbenzene
Concen: 1.640 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

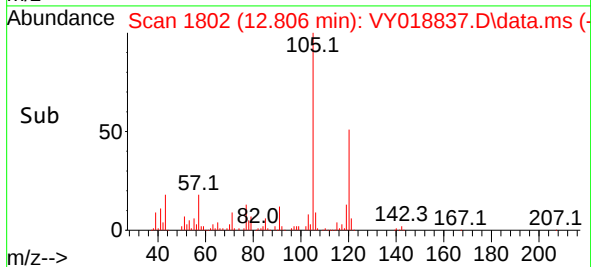
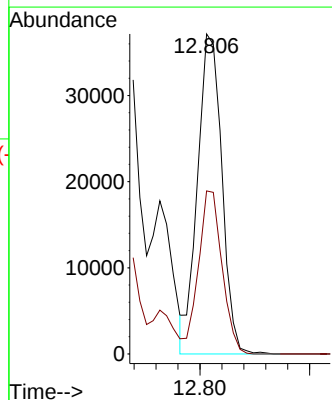
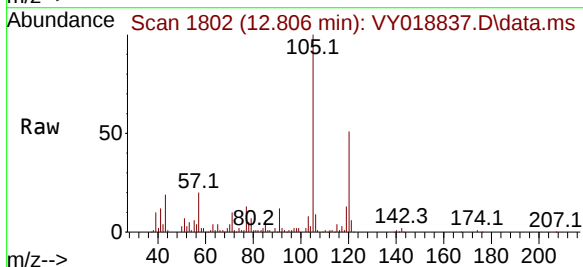
Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2RE

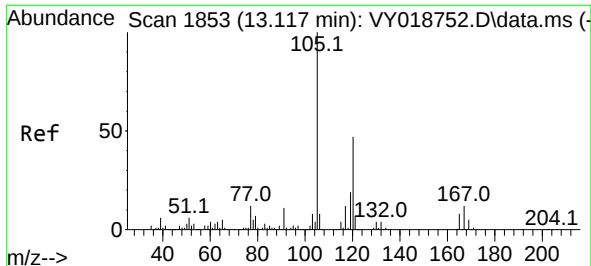
Tgt Ion: 91 Resp: 21219
Ion Ratio Lower Upper
91 100
120 24.7 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 6.430 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

Tgt Ion: 105 Resp: 57307
Ion Ratio Lower Upper
105 100
120 49.8 25.1 75.2

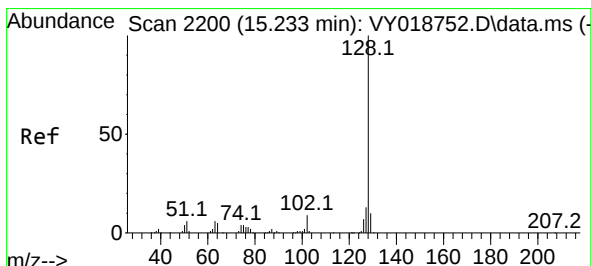
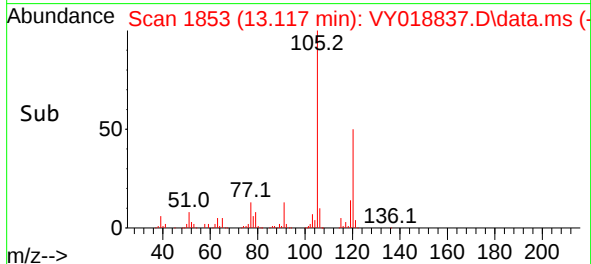
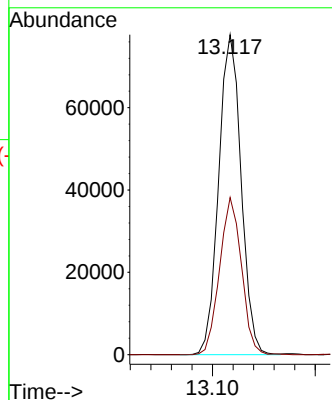
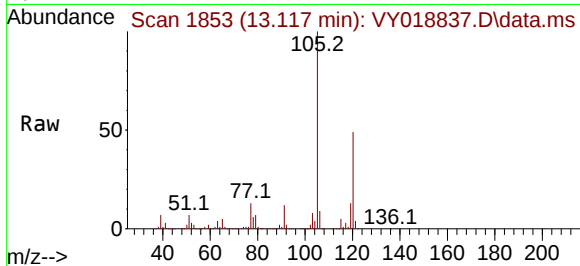




#84
1,2,4-Trimethylbenzene
Concen: 13.281 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2RE

Tgt Ion:105 Resp: 117619
Ion Ratio Lower Upper
105 100
120 47.9 23.2 69.6



#95
Naphthalene
Concen: 310.815 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY018837.D
Acq: 16 Jul 2024 17:25

Tgt Ion:128 Resp: 1435916
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.6 13.0

