

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018829.D
 Acq On : 16 Jul 2024 13:51
 Operator : SY/MD
 Sample : P3224-09
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 400STEVEN-2

Quant Time: Jul 17 01:55:12 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)

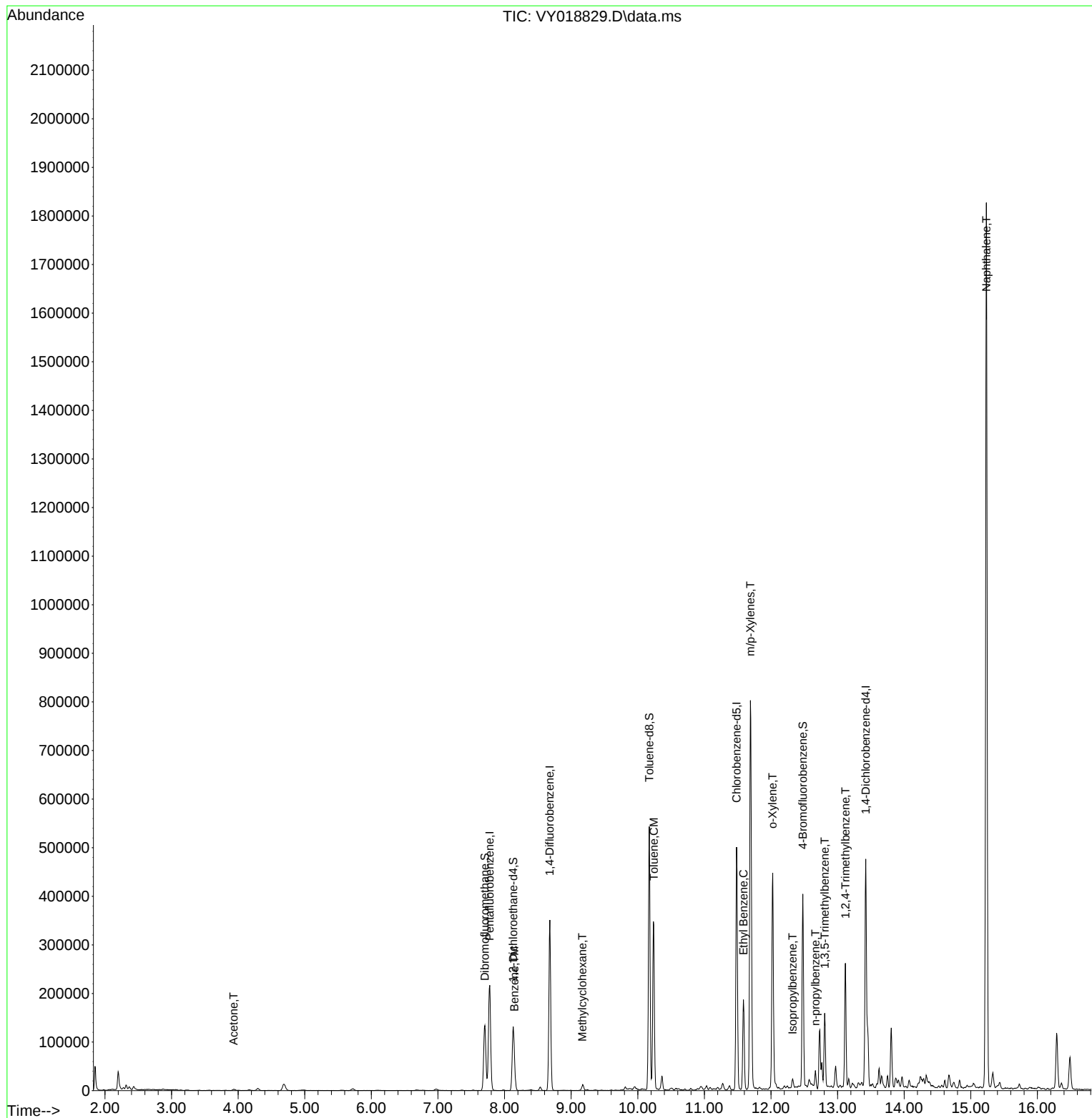
Internal Standards						
1) Pentafluorobenzene	7.777	168	169631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	295365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	271054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	88129	52.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.600%
35) Dibromofluoromethane	7.704	113	91661	49.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.173	98	337208	48.113	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.477	95	114582	47.873	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.740%
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	4206	13.667	ug/l #	73
39) Methylcyclohexane	9.167	83	4554	1.392	ug/l #	86
40) Benzene	8.149	78	26619	3.594	ug/l	99
52) Toluene	10.240	92	146059	29.672	ug/l	96
67) Ethyl Benzene	11.587	91	127772	12.756	ug/l	97
68) m/p-Xylenes	11.691	106	240981	61.306	ug/l	99
69) o-Xylene	12.026	106	113888	30.818	ug/l	98
73) Isopropylbenzene	12.325	105	11117	1.312	ug/l	96
78) n-propylbenzene	12.666	91	24978	2.482	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	64587	9.314	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	131425	19.073	ug/l	99
95) Naphthalene	15.233	128	1414773	393.586	ug/l	99

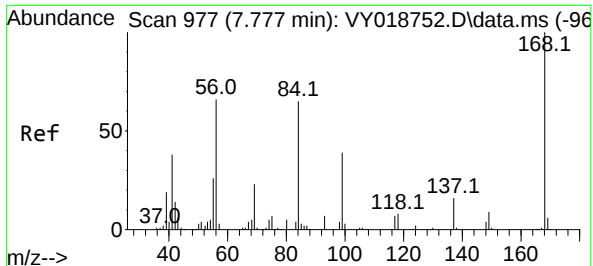
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
Data File : VY018829.D
Acq On : 16 Jul 2024 13:51
Operator : SY/MD
Sample : P3224-09
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2

Quant Time: Jul 17 01:55:12 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

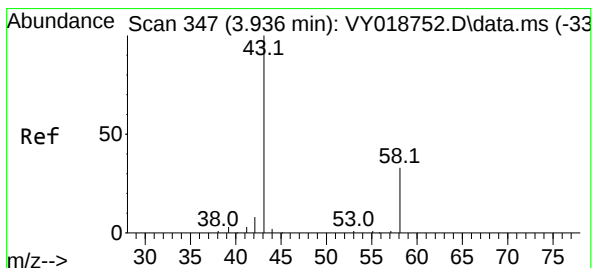
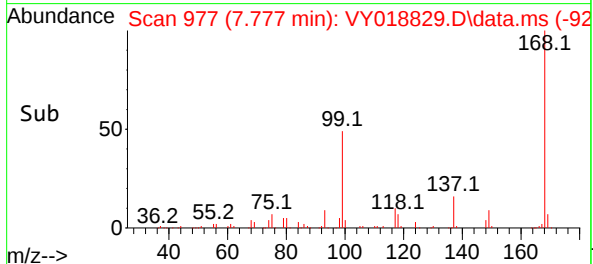
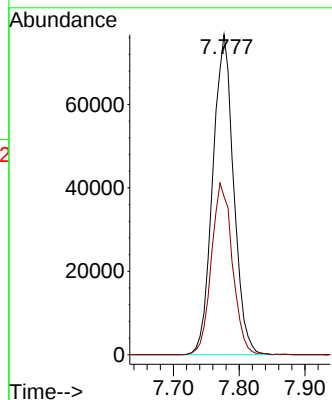
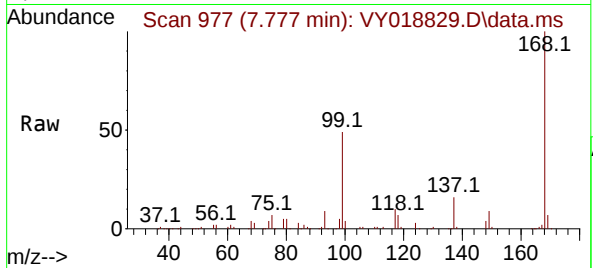




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

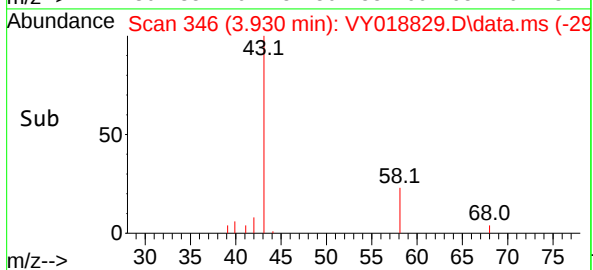
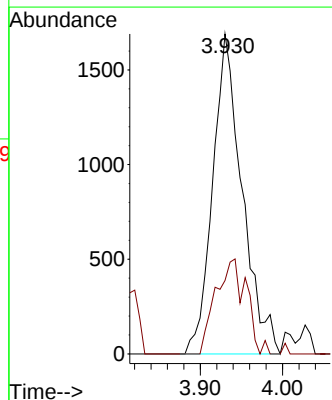
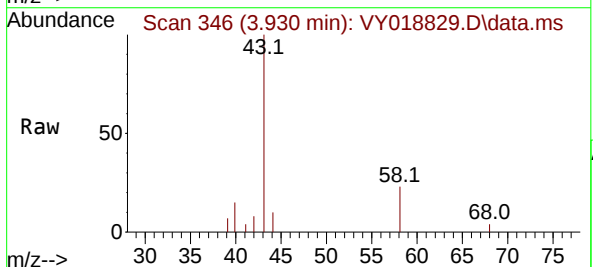
Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2

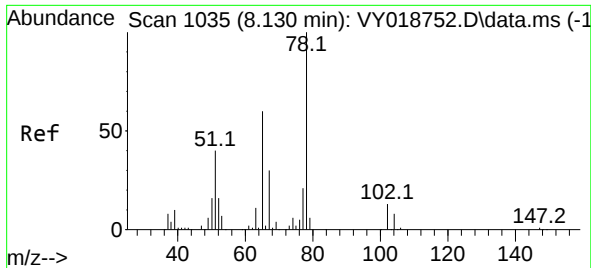
Tgt Ion:168 Resp: 169631
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#16
Acetone
Concen: 13.667 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

Tgt Ion: 43 Resp: 4206
Ion Ratio Lower Upper
43 100
58 23.0 31.7 47.5#

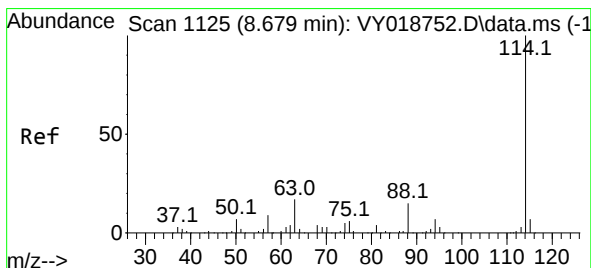
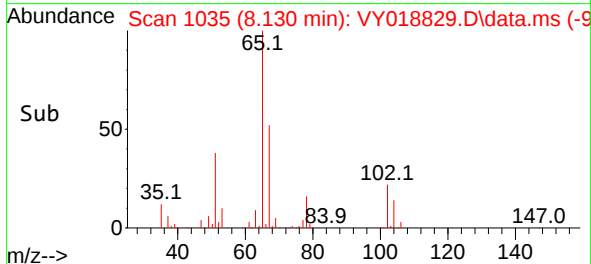
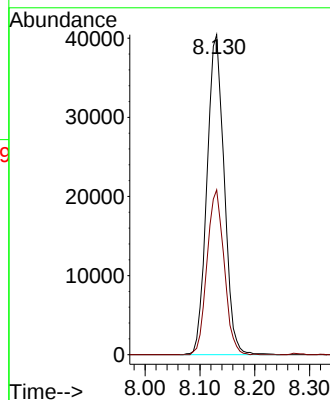
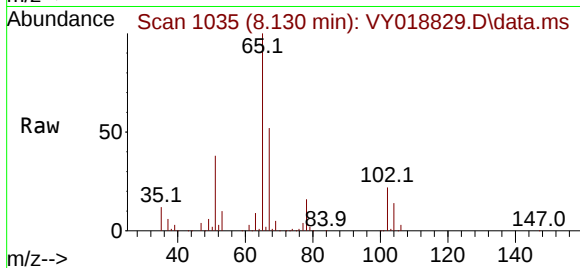




#33
 1,2-Dichloroethane-d4
 Concen: 52.797 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VY018829.D
 Acq: 16 Jul 2024 13:51

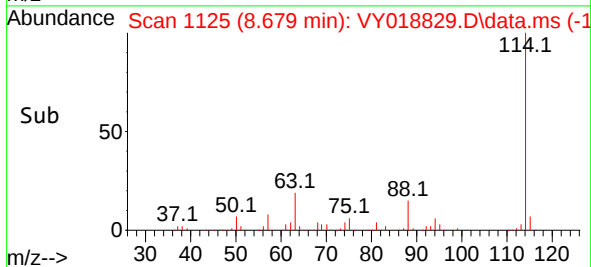
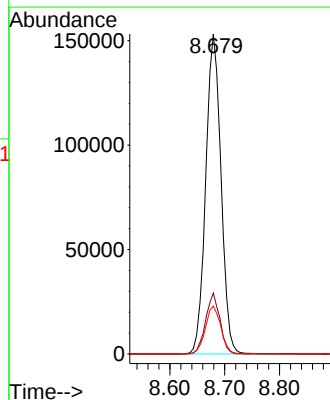
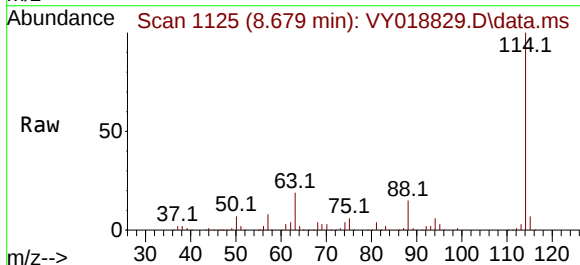
Instrument :
 MSVOA_Y
 ClientSampleId :
 400STEVEN-2

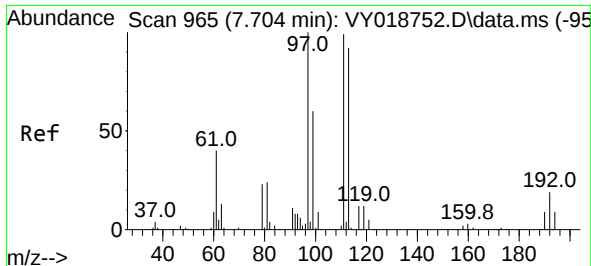
Tgt Ion: 65 Resp: 88129
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VY018829.D
 Acq: 16 Jul 2024 13:51

Tgt Ion: 114 Resp: 295365
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 35.0
 88 15.0 0.0 27.2

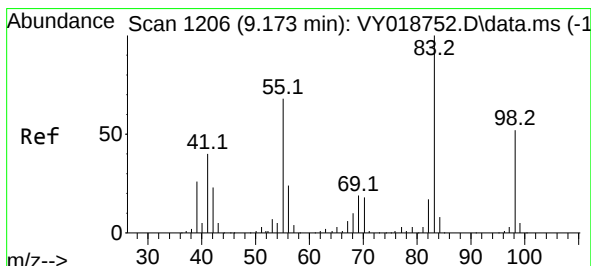
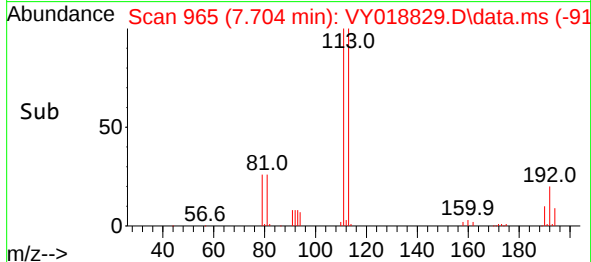
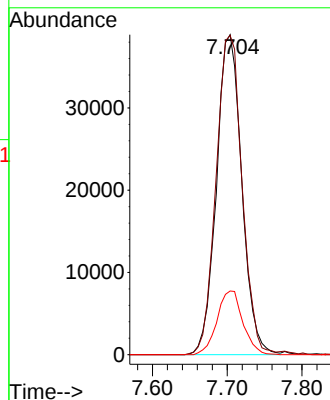
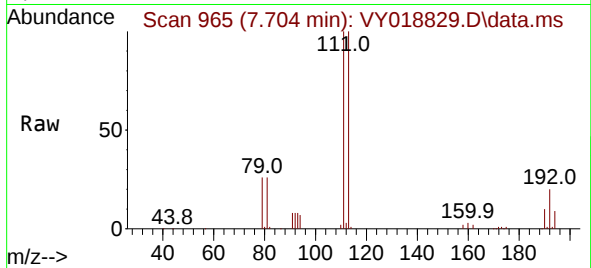




#35
Dibromofluoromethane
Concen: 49.548 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

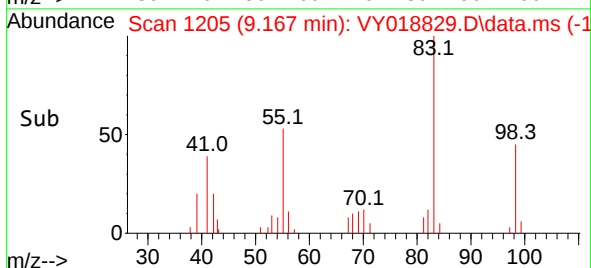
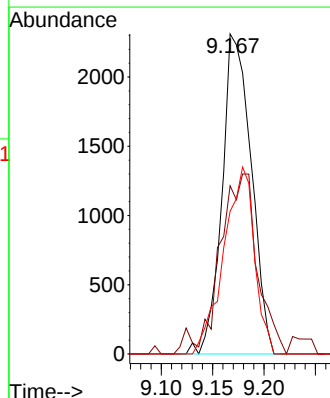
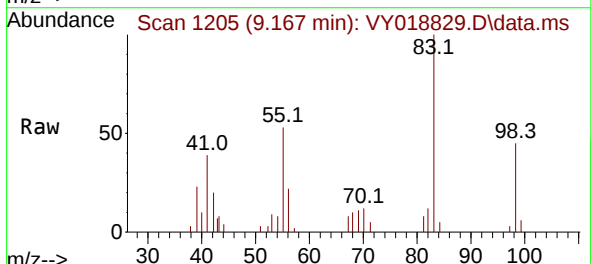
Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2

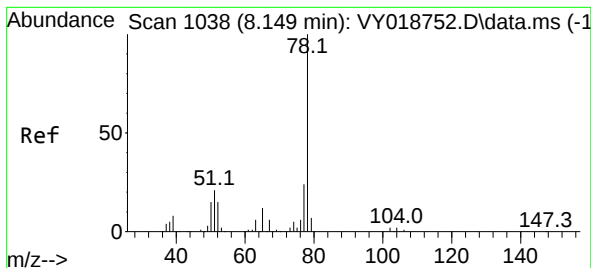
Tgt Ion:113 Resp: 91661
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 20.3 15.9 23.9



#39
Methylcyclohexane
Concen: 1.392 ug/l
RT: 9.167 min Scan# 1205
Delta R.T. -0.006 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

Tgt Ion: 83 Resp: 4554
Ion Ratio Lower Upper
83 100
55 50.4 51.5 77.3#
98 44.6 40.5 60.7





#40

Benzene

Concen: 3.594 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY018829.D

Acq: 16 Jul 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

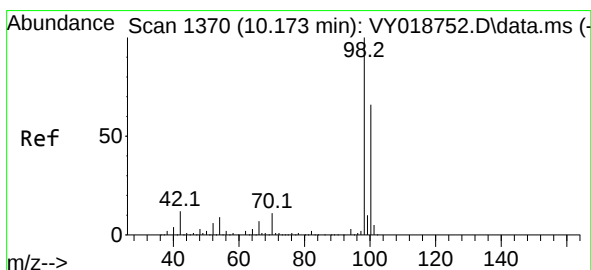
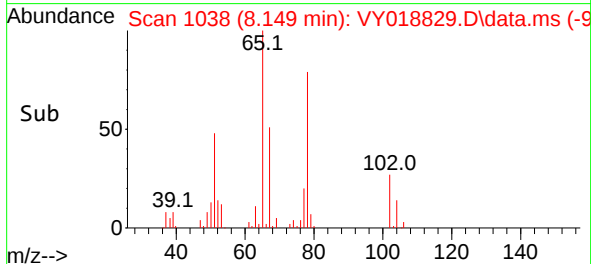
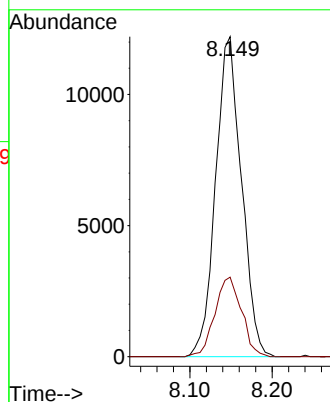
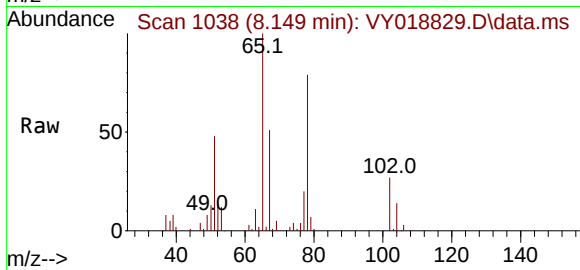
400STEVEN-2

Tgt Ion: 78 Resp: 26619

Ion Ratio Lower Upper

78 100

77 24.9 19.5 29.3



#50

Toluene-d8

Concen: 48.113 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018829.D

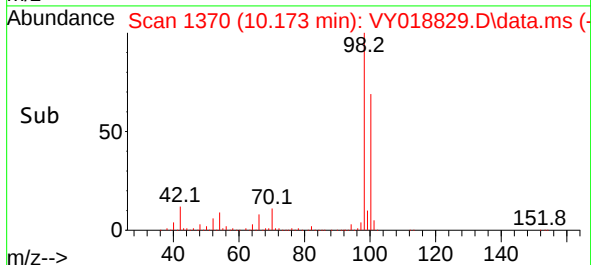
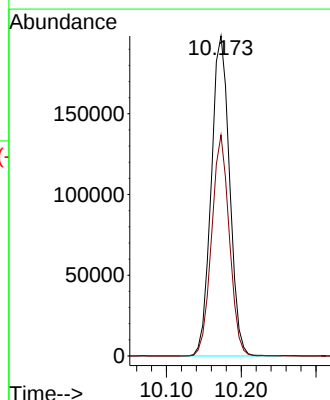
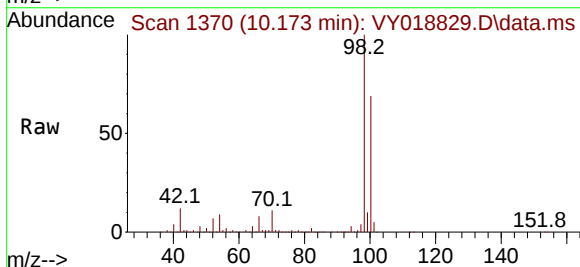
Acq: 16 Jul 2024 13:51

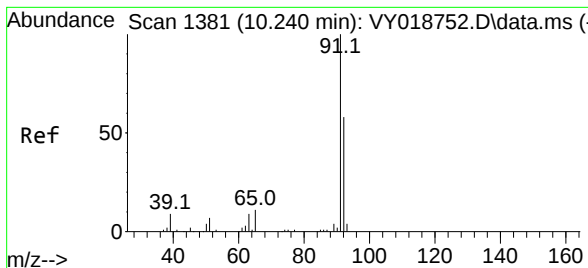
Tgt Ion: 98 Resp: 337208

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0





#52

Toluene

Concen: 29.672 ug/l

RT: 10.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018829.D

Acq: 16 Jul 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

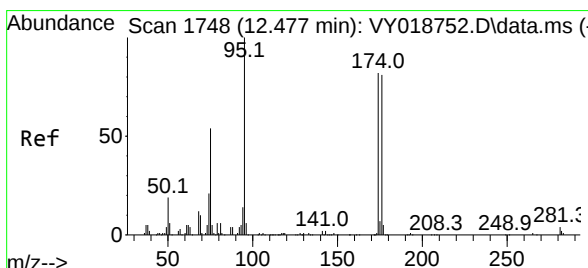
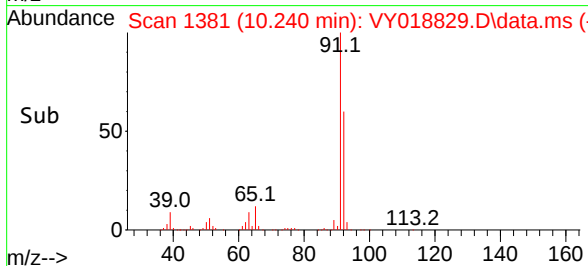
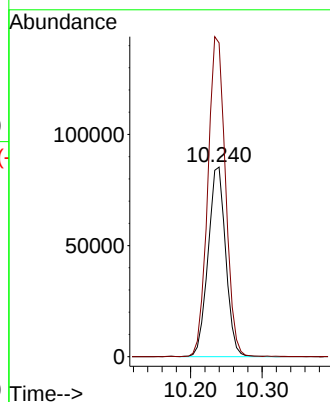
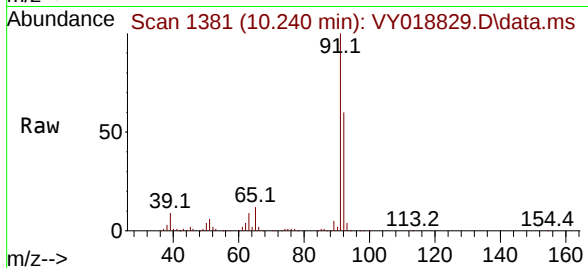
400STEVEN-2

Tgt Ion: 92 Resp: 146059

Ion Ratio Lower Upper

92 100

91 168.9 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 47.873 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018829.D

Acq: 16 Jul 2024 13:51

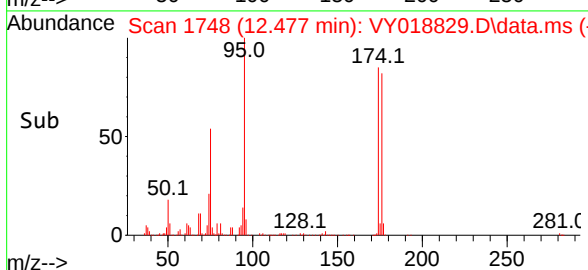
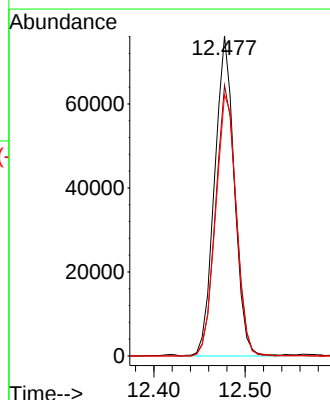
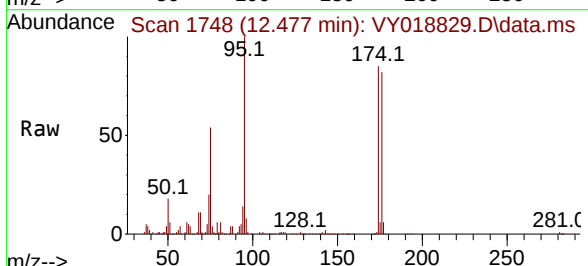
Tgt Ion: 95 Resp: 114582

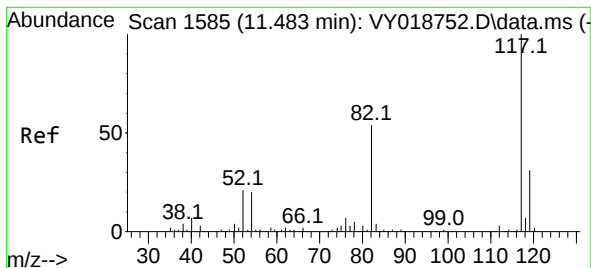
Ion Ratio Lower Upper

95 100

174 87.0 0.0 175.6

176 85.4 0.0 171.4

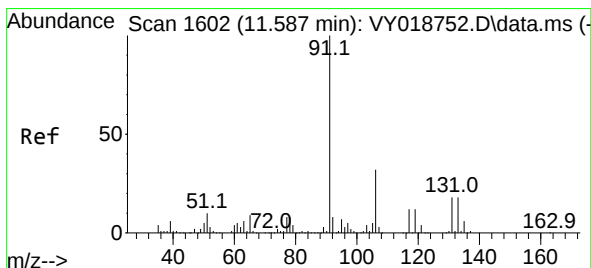
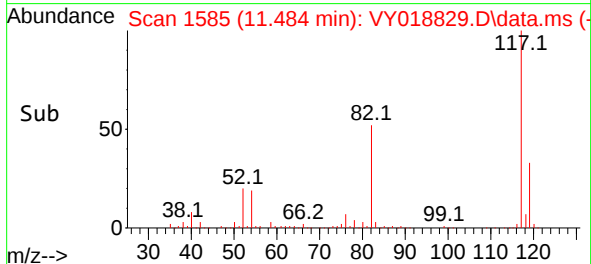
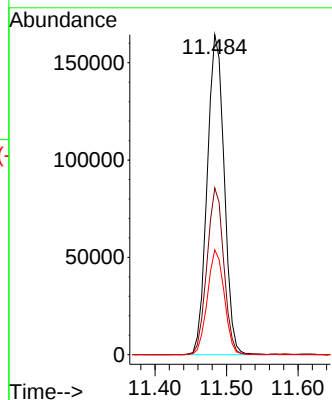
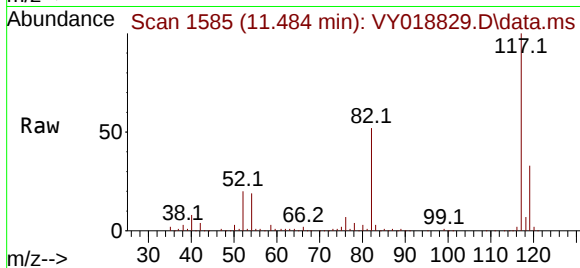




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

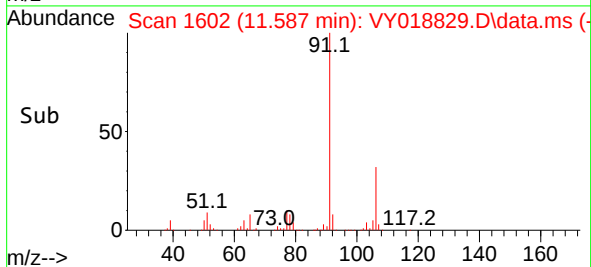
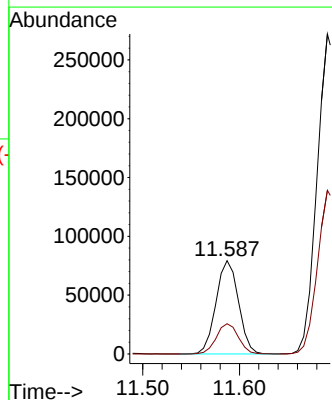
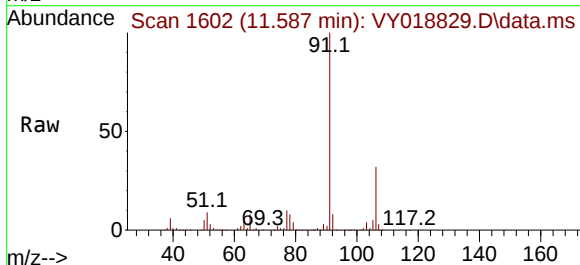
Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2

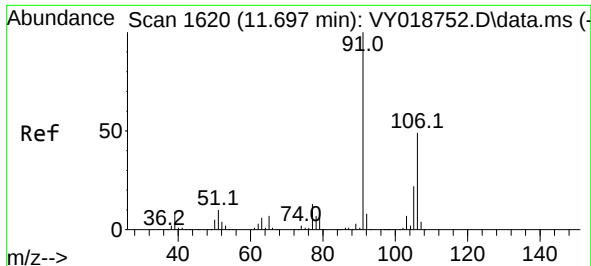
Tgt Ion:117 Resp: 271054
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 32.7 25.9 38.9



#67
Ethyl Benzene
Concen: 12.756 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

Tgt Ion: 91 Resp: 127772
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7

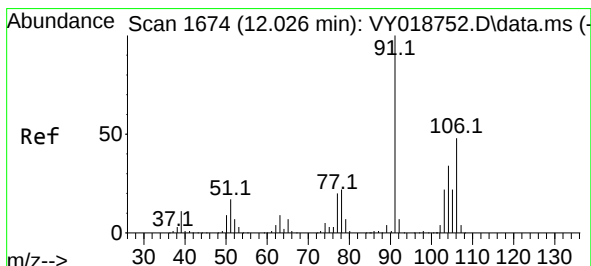
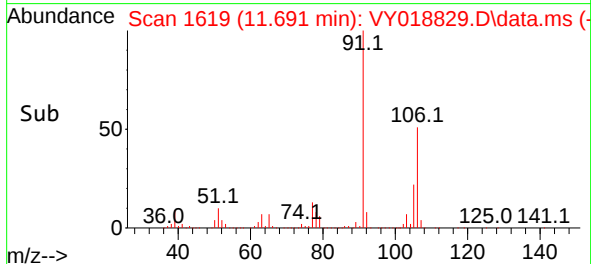
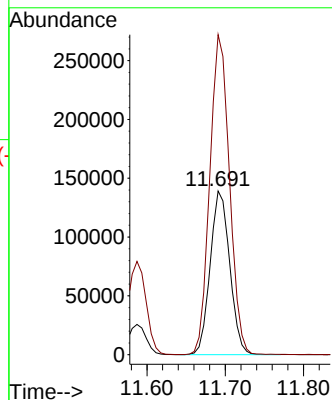
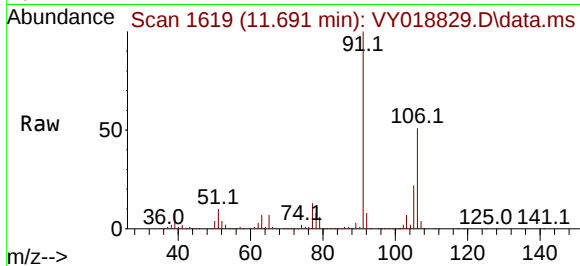




#68
m/p-Xylenes
Concen: 61.306 ug/l
RT: 11.691 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

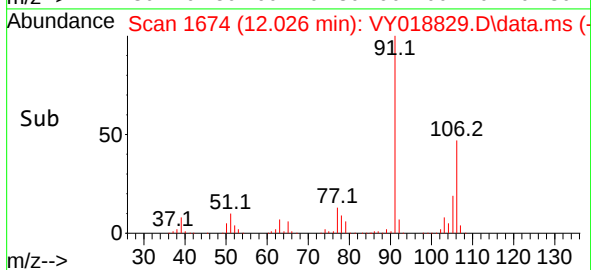
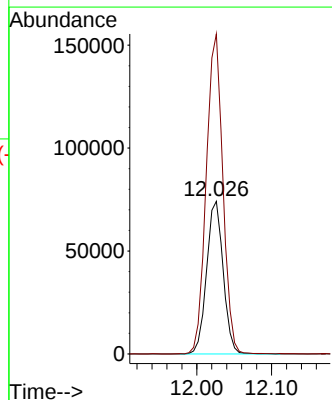
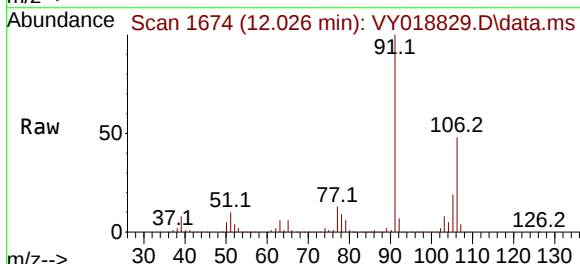
Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2

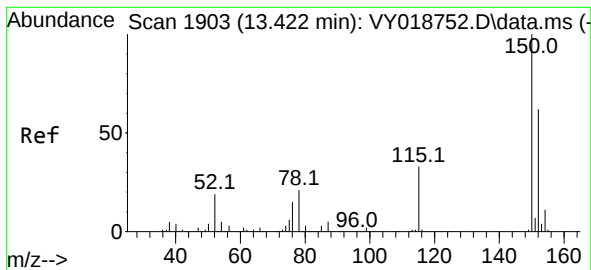
Tgt Ion:106 Resp: 240981
Ion Ratio Lower Upper
106 100
91 196.9 156.0 234.0



#69
o-Xylene
Concen: 30.818 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

Tgt Ion:106 Resp: 113888
Ion Ratio Lower Upper
106 100
91 210.7 103.6 310.8

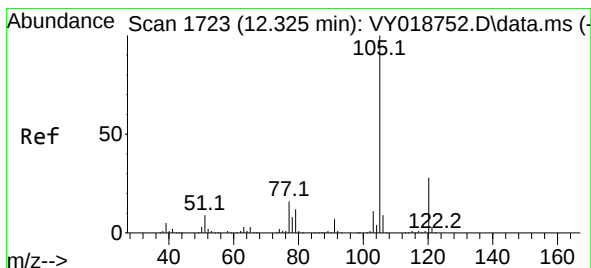
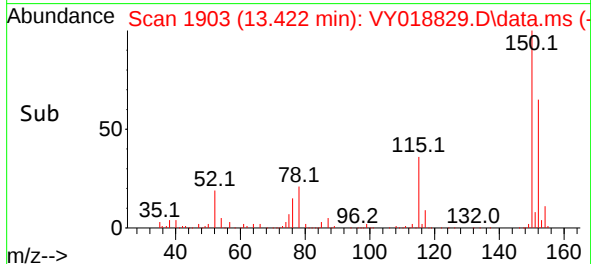
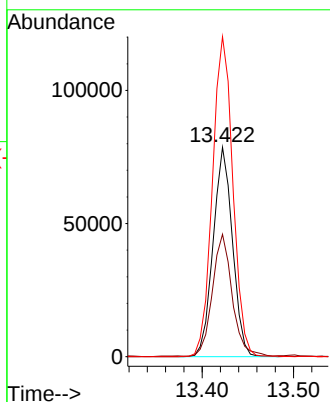
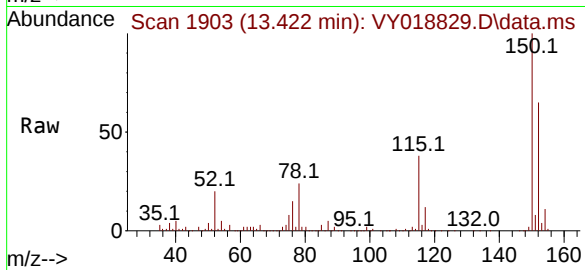




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

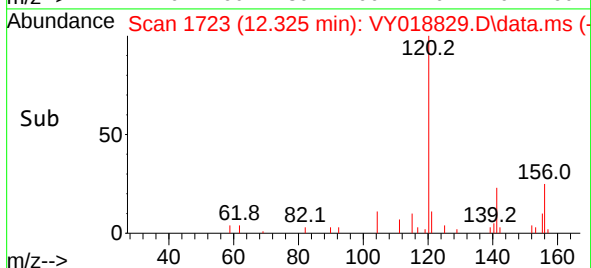
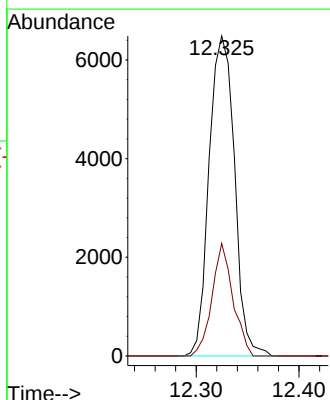
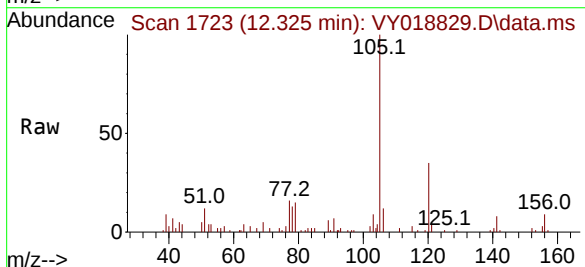
Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2

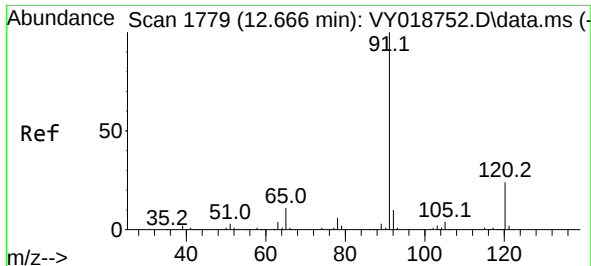
Tgt Ion:152 Resp: 115798
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 160.8 0.0 345.6



#73
Isopropylbenzene
Concen: 1.312 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

Tgt Ion:105 Resp: 11117
Ion Ratio Lower Upper
105 100
120 29.0 13.4 40.1

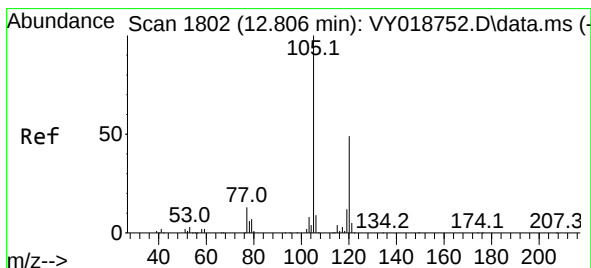
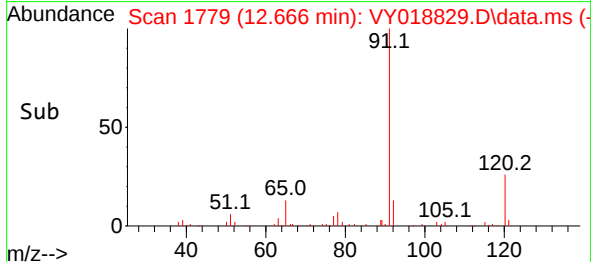
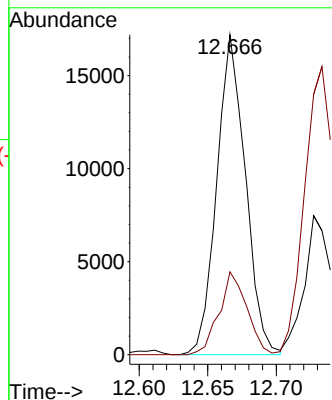
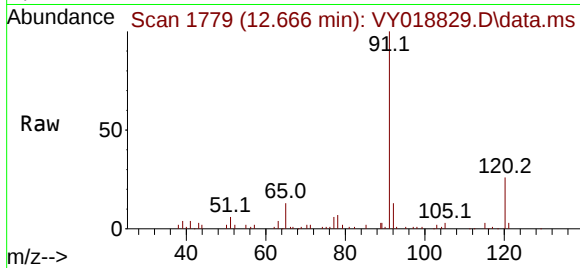




#78
n-propylbenzene
Concen: 2.482 ug/l
RT: 12.666 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

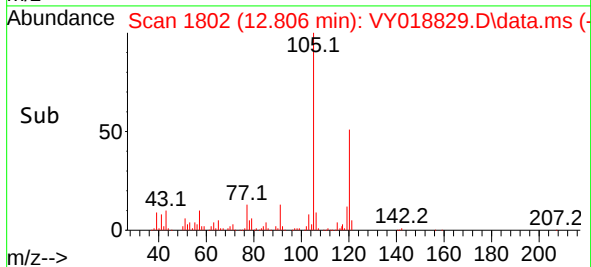
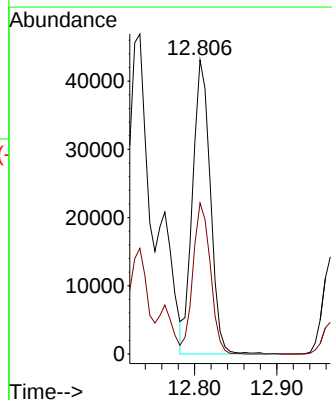
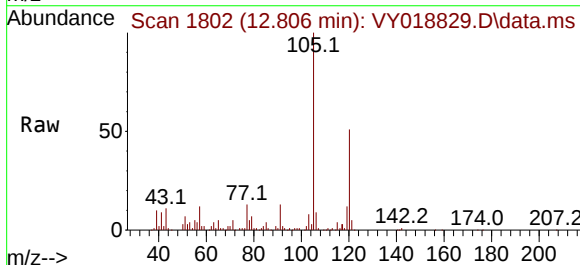
Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2

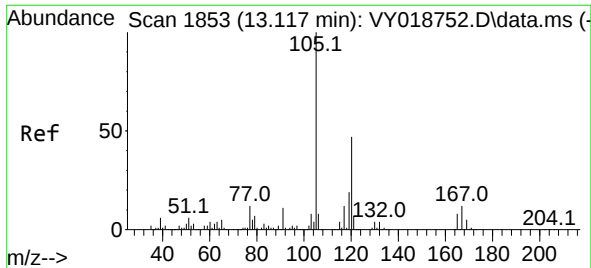
Tgt Ion: 91 Resp: 24978
Ion Ratio Lower Upper
91 100
120 25.1 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 9.314 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

Tgt Ion: 105 Resp: 64587
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.2

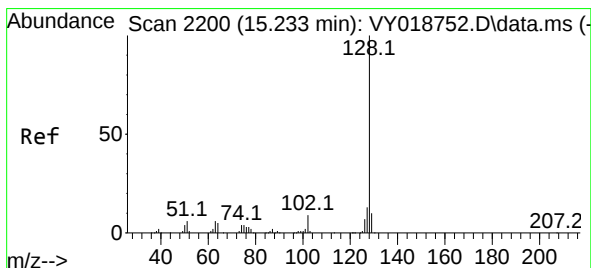
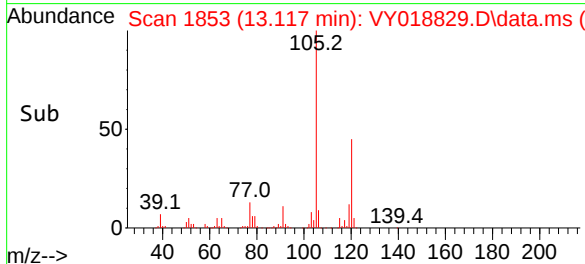
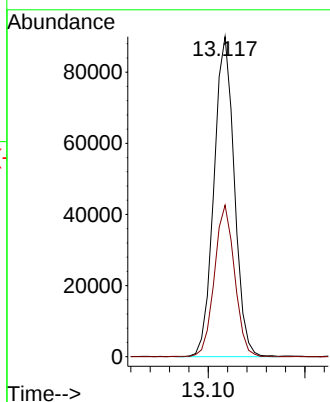
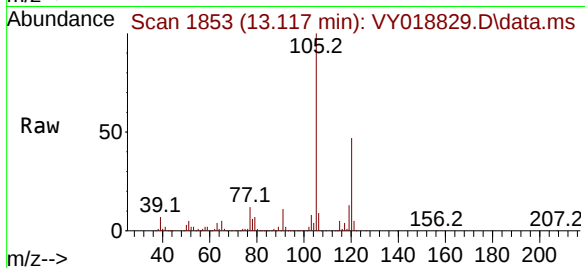




#84
1,2,4-Trimethylbenzene
Concen: 19.073 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-2

Tgt Ion:105 Resp: 131425
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.6



#95
Naphthalene
Concen: 393.586 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018829.D
Acq: 16 Jul 2024 13:51

Tgt Ion:128 Resp: 1414773
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.6 13.0

