

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018535.D
 Acq On : 07 Jun 2024 18:33
 Operator : SY/MD
 Sample : P2763-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-SLUDGERE

Quant Time: Jun 07 23:18:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

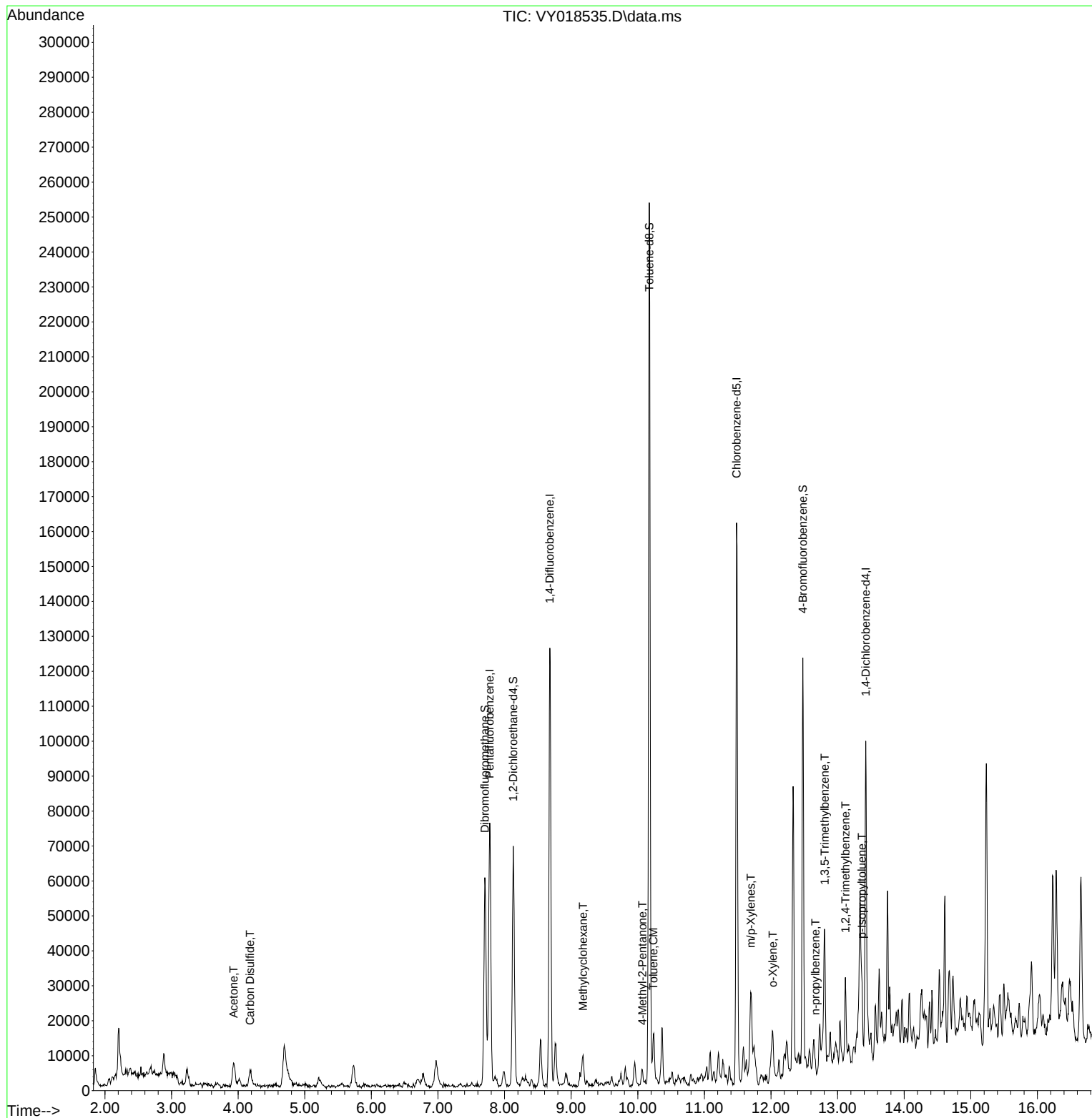
Internal Standards						
1) Pentafluorobenzene	7.777	168	48453	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	99686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	81677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	19645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46567	48.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.880%
35) Dibromofluoromethane	7.704	113	40179	31.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	63.580%
50) Toluene-d8	10.173	98	151806	30.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	60.380%
62) 4-Bromofluorobenzene	12.477	95	31730	20.265	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.520%
Target Compounds						
						Qvalue
16) Acetone	3.930	43	13015	61.626	ug/l	88
17) Carbon Disulfide	4.180	76	6463	2.167	ug/l	# 91
39) Methylcyclohexane	9.179	83	2929	1.124	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	3234	3.459	ug/l	92
52) Toluene	10.234	92	5386	1.516	ug/l	98
68) m/p-Xylenes	11.697	106	5590	2.329	ug/l	93
69) o-Xylene	12.026	106	3083	1.334	ug/l	90
78) n-propylbenzene	12.666	91	3056	1.256	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	5499	3.483	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	11673	7.552	ug/l	99
86) p-Isopropyltoluene	13.367	119	8723	5.027	ug/l	# 75

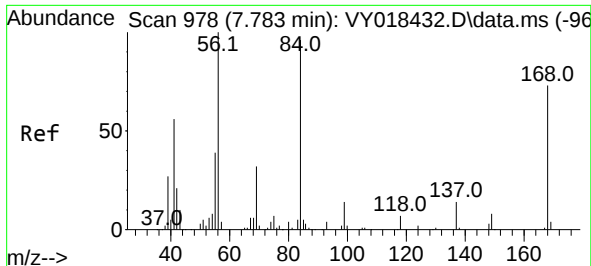
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
Data File : VY018535.D
Acq On : 07 Jun 2024 18:33
Operator : SY/MD
Sample : P2763-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGERE

Quant Time: Jun 07 23:18:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

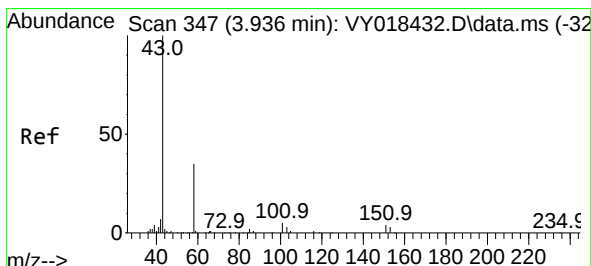
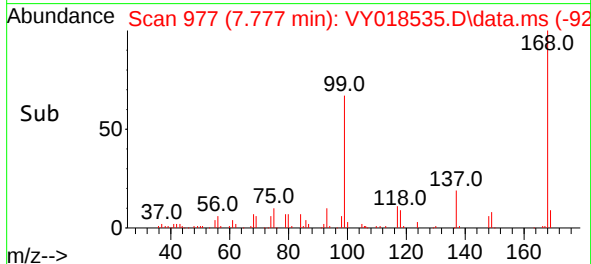
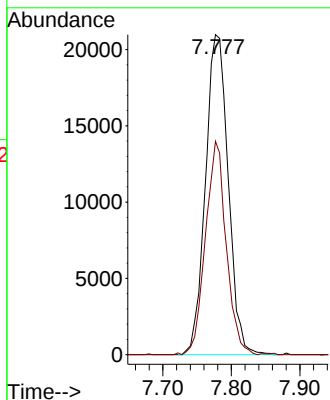
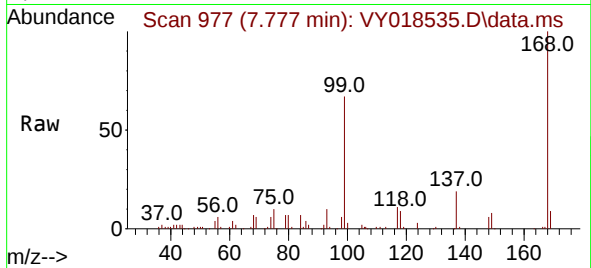




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

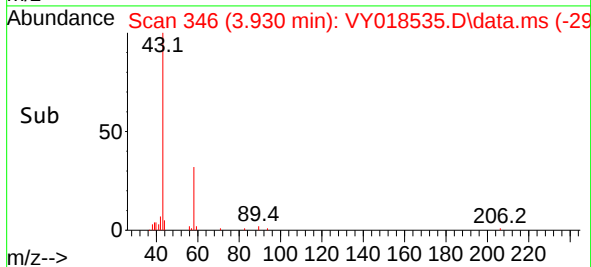
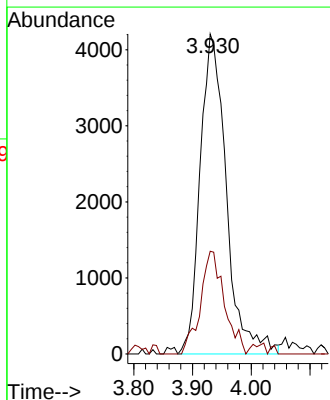
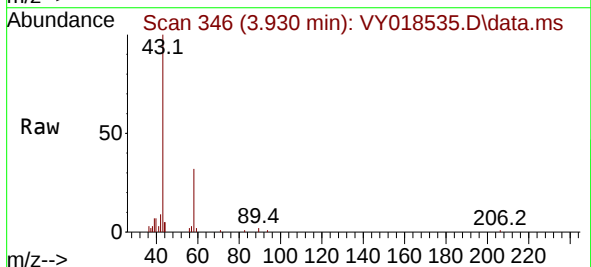
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGERE

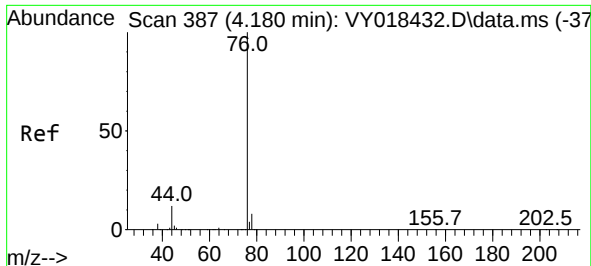
Tgt Ion:168 Resp: 48453
Ion Ratio Lower Upper
168 100
99 66.7 39.1 58.7#



#16
Acetone
Concen: 61.626 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

Tgt Ion: 43 Resp: 13015
Ion Ratio Lower Upper
43 100
58 32.1 31.7 47.5

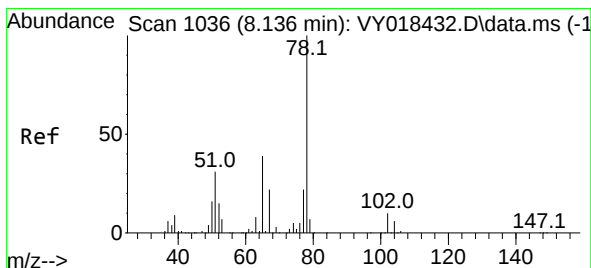
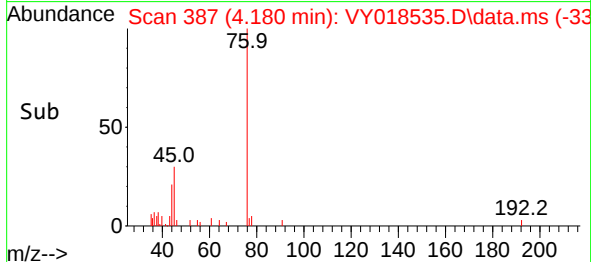
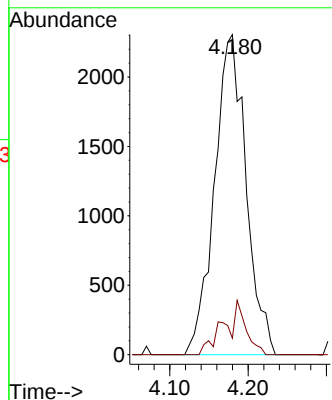
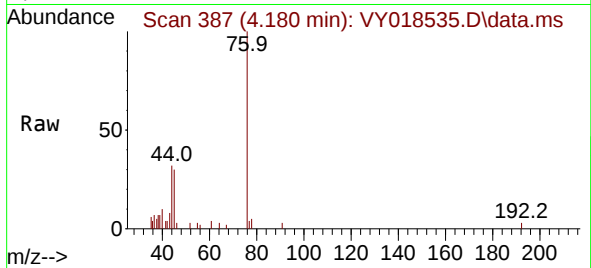




#17
Carbon Disulfide
Concen: 2.167 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

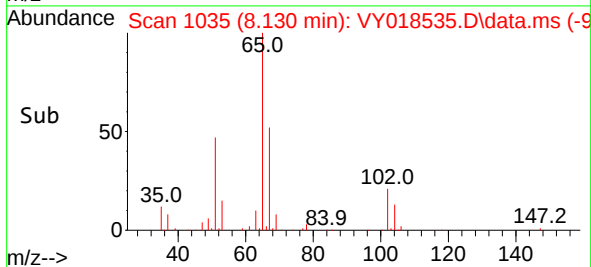
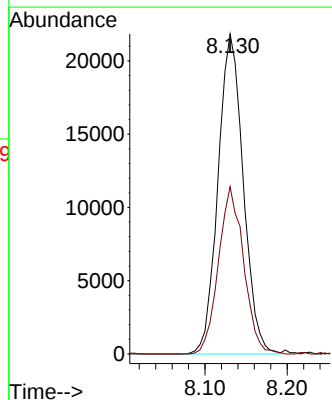
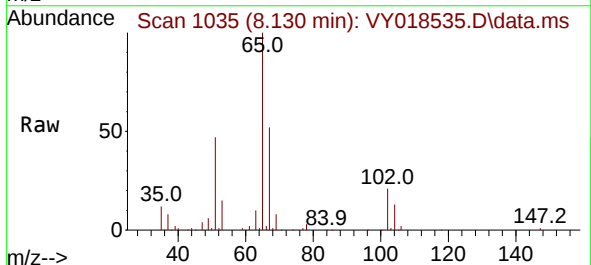
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGERE

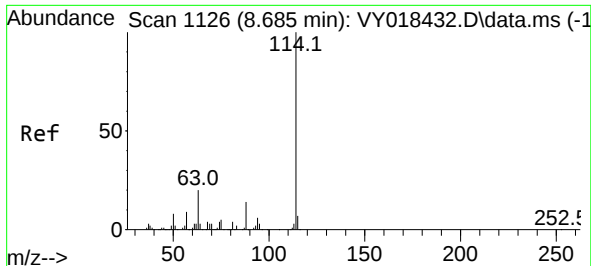
Tgt Ion: 76 Resp: 6463
Ion Ratio Lower Upper
76 100
78 5.2 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 48.939 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

Tgt Ion: 65 Resp: 46567
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018535.D

Acq: 07 Jun 2024 18:33

Instrument :

MSVOA_Y

ClientSampleId :

MH-SLUDGERE

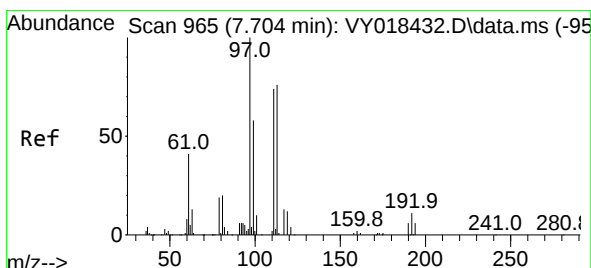
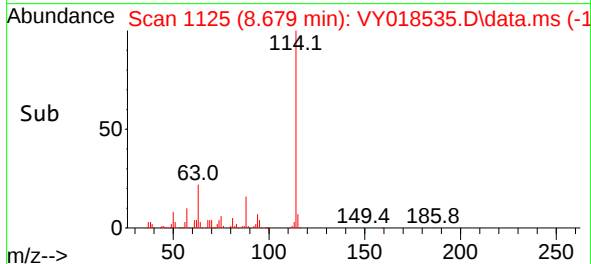
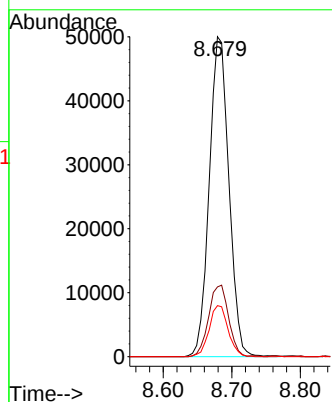
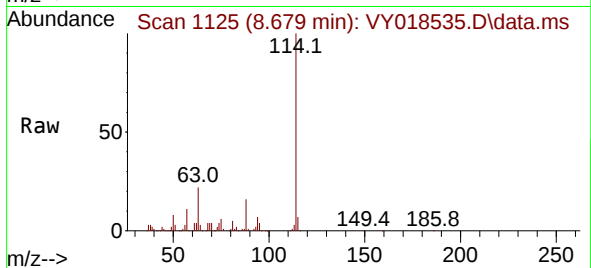
Tgt Ion:114 Resp: 99686

Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 31.785 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018535.D

Acq: 07 Jun 2024 18:33

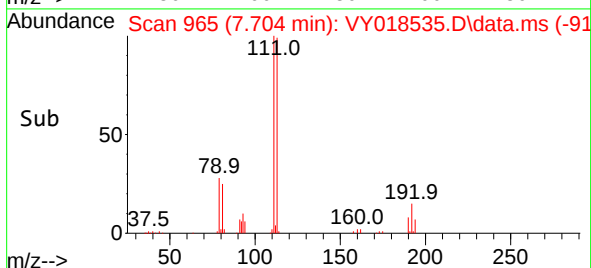
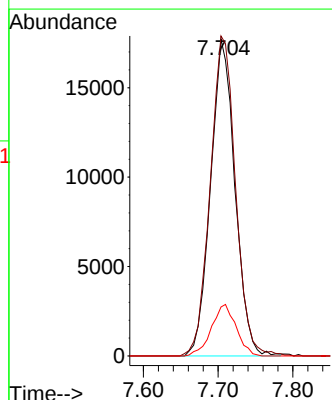
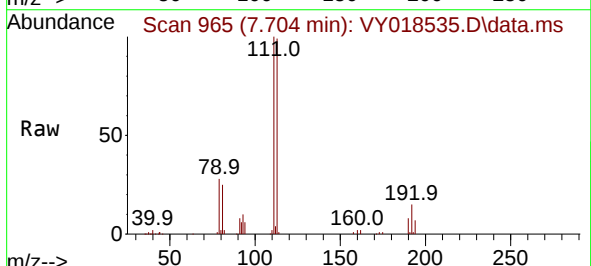
Tgt Ion:113 Resp: 40179

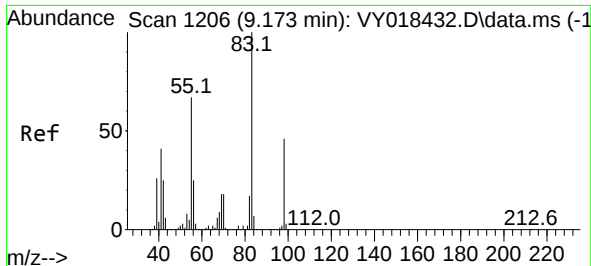
Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 16.5 15.9 23.9

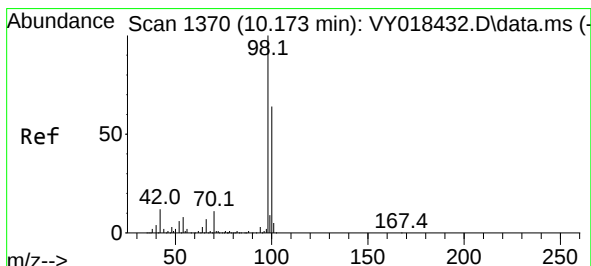
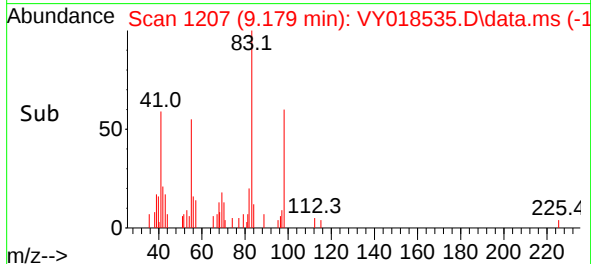
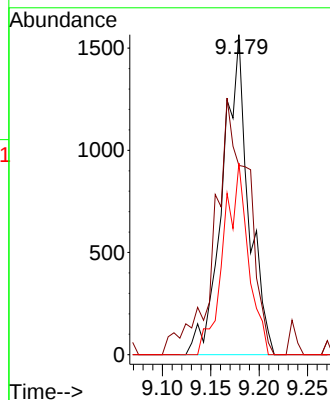
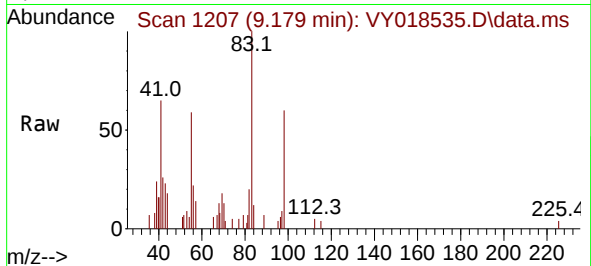




#39
Methylcyclohexane
Concen: 1.124 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

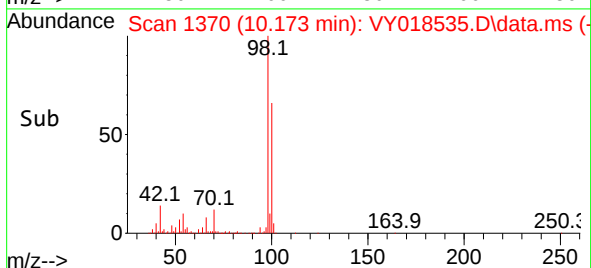
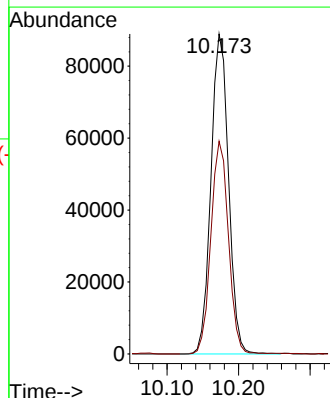
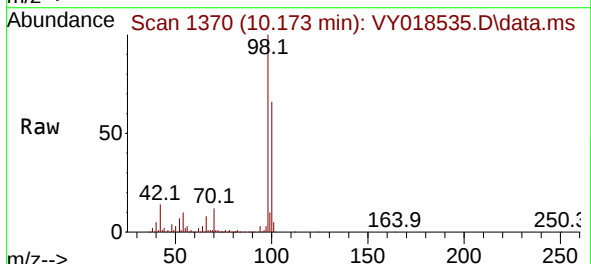
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGERE

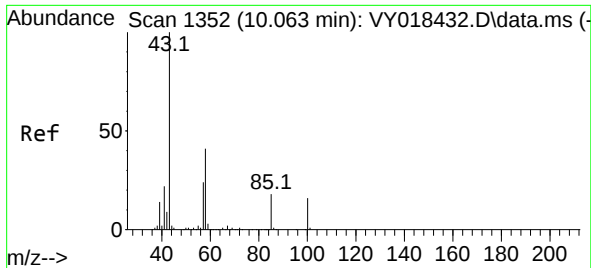
Tgt Ion: 83 Resp: 2929
Ion Ratio Lower Upper
83 100
55 59.1 51.5 77.3
98 59.8 40.5 60.7



#50
Toluene-d8
Concen: 30.187 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

Tgt Ion: 98 Resp: 151806
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0

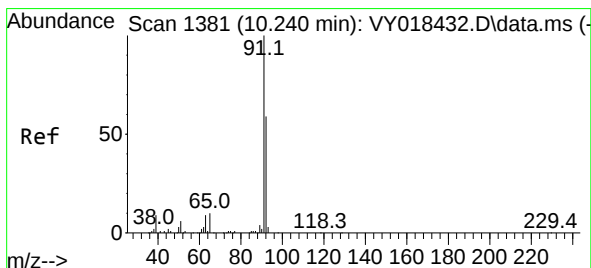
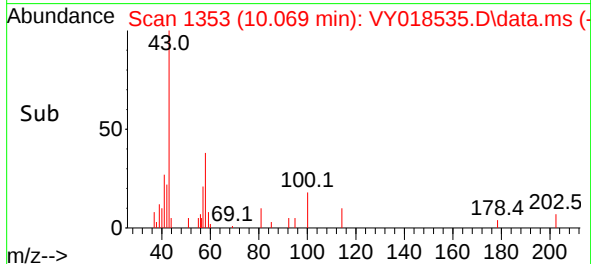
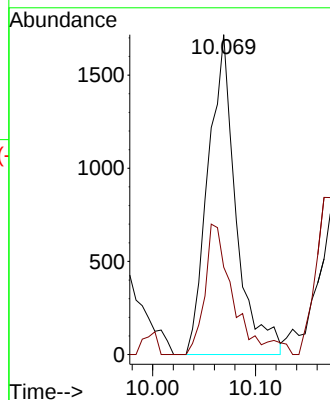
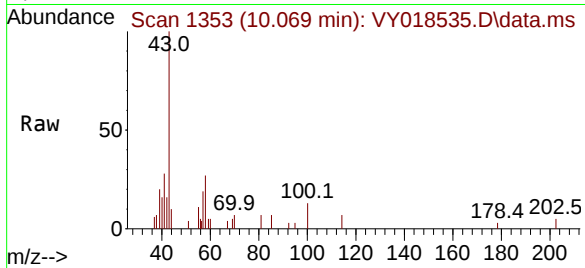




#51
4-Methyl-2-Pentanone
Concen: 3.459 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

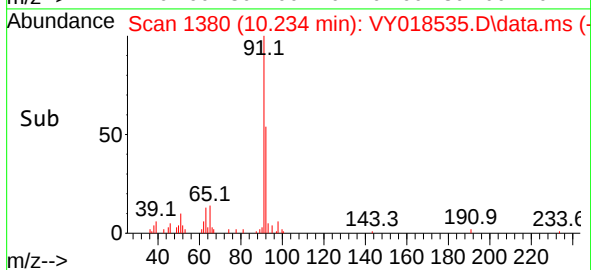
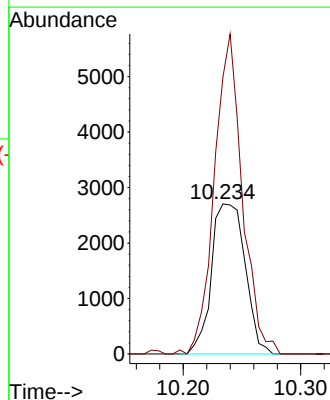
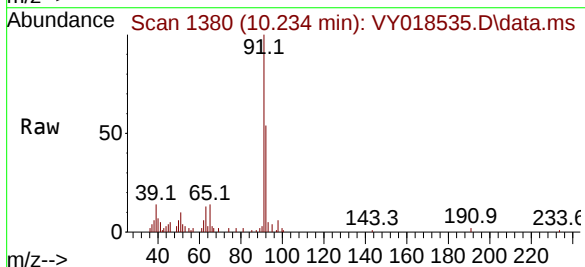
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGERE

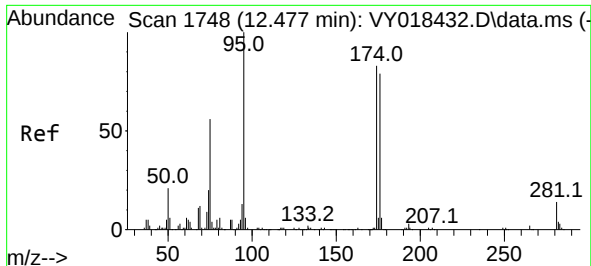
Tgt Ion: 43 Resp: 3234
Ion Ratio Lower Upper
43 100
58 39.5 35.7 53.5



#52
Toluene
Concen: 1.516 ug/l
RT: 10.234 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

Tgt Ion: 92 Resp: 5386
Ion Ratio Lower Upper
92 100
91 177.1 139.0 208.6

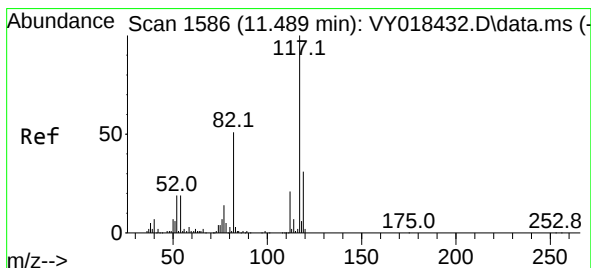
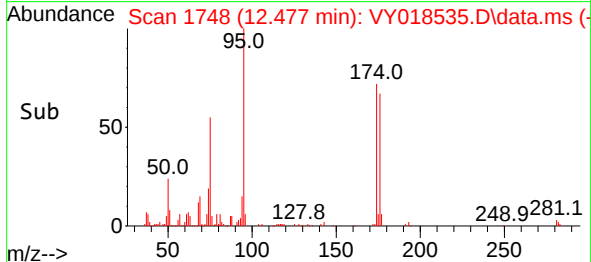
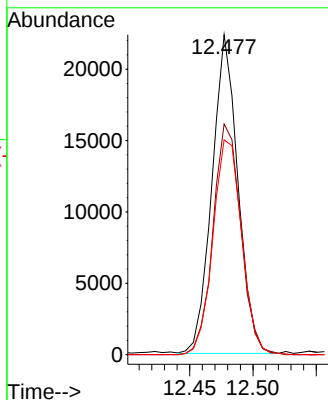
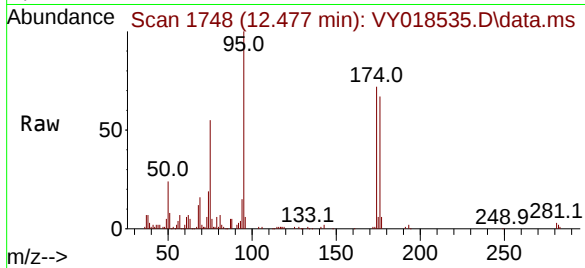




#62
4-Bromofluorobenzene
Concen: 20.265 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

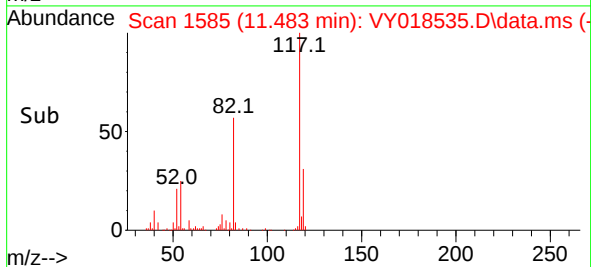
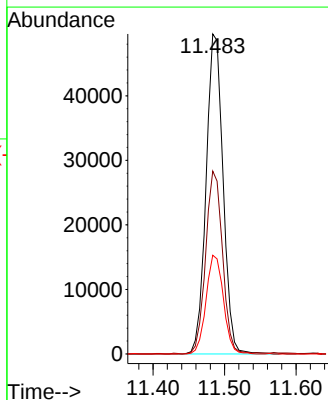
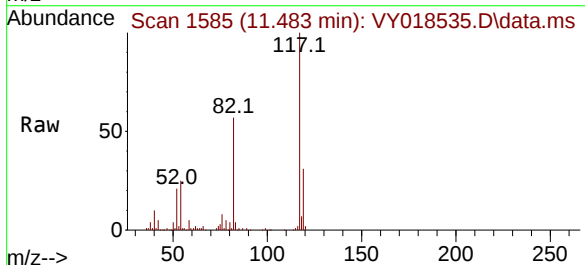
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGERE

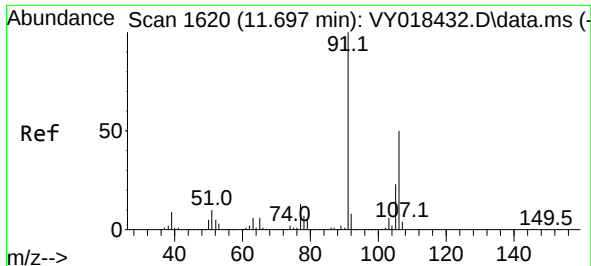
Tgt Ion: 95 Resp: 31730
Ion Ratio Lower Upper
95 100
174 77.7 0.0 175.6
176 74.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

Tgt Ion: 117 Resp: 81677
Ion Ratio Lower Upper
117 100
82 57.0 42.4 63.6
119 30.8 25.9 38.9

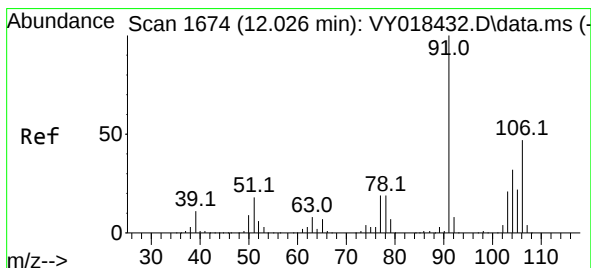
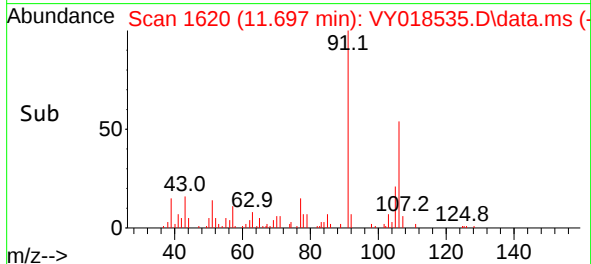
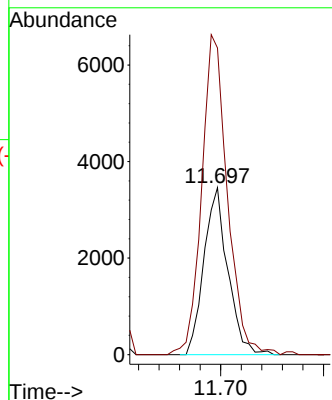
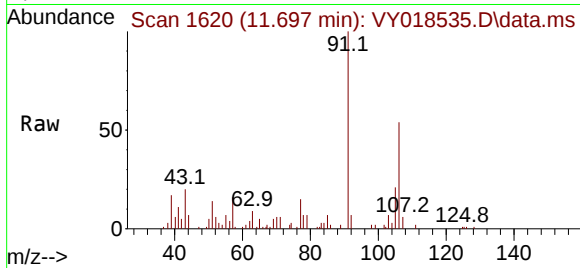




#68
m/p-Xylenes
Concen: 2.329 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

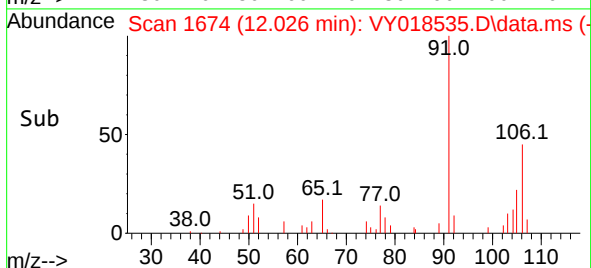
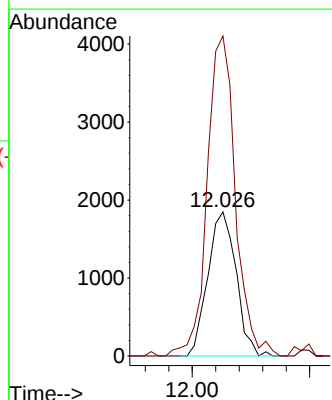
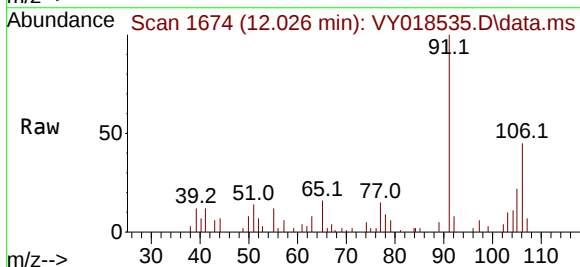
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGERE

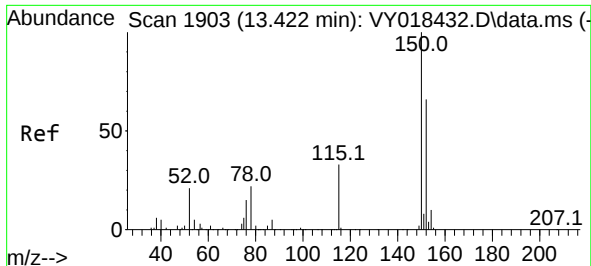
Tgt Ion:106 Resp: 5590
Ion Ratio Lower Upper
106 100
91 205.6 156.0 234.0



#69
o-Xylene
Concen: 1.334 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

Tgt Ion:106 Resp: 3083
Ion Ratio Lower Upper
106 100
91 222.1 103.6 310.8

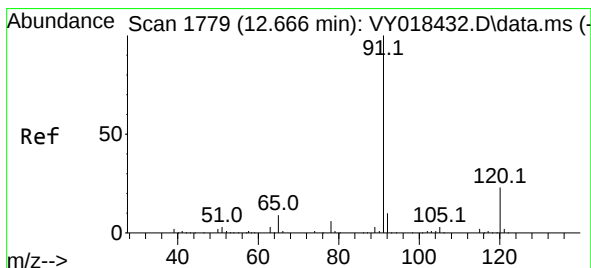
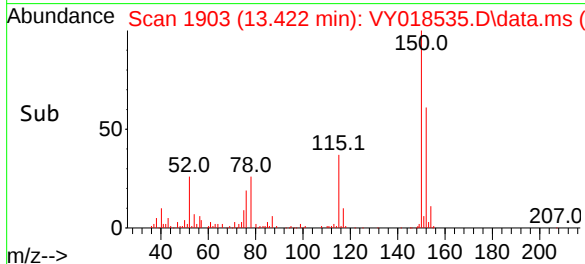
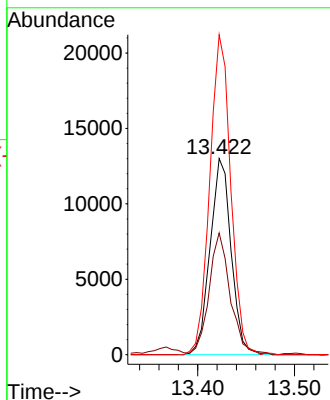
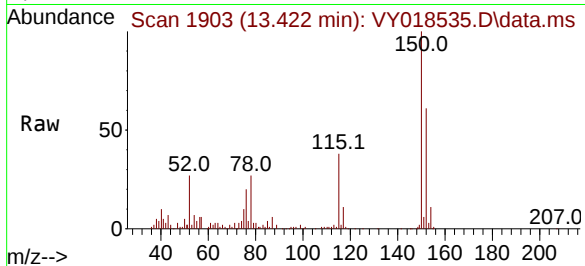




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

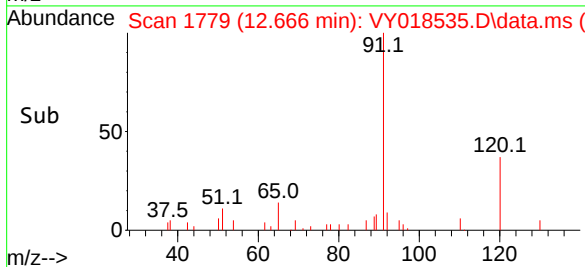
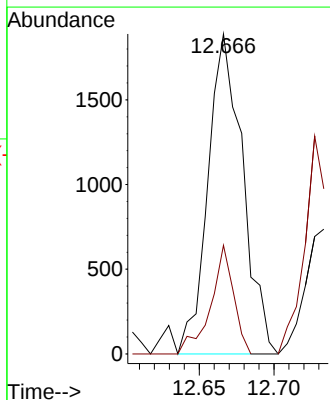
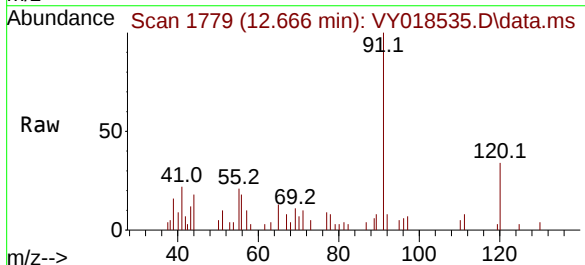
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGERE

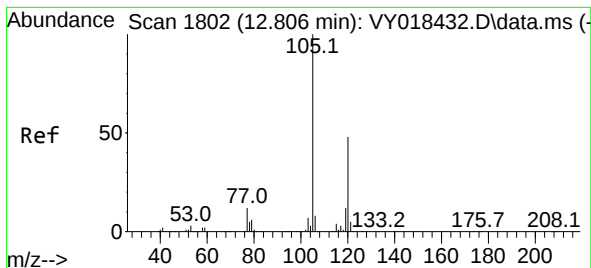
Tgt Ion:152 Resp: 19645
Ion Ratio Lower Upper
152 100
115 62.3 28.2 84.7
150 162.1 0.0 345.6



#78
n-propylbenzene
Concen: 1.256 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

Tgt Ion: 91 Resp: 3056
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4

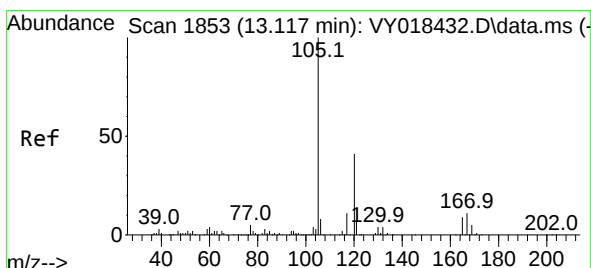
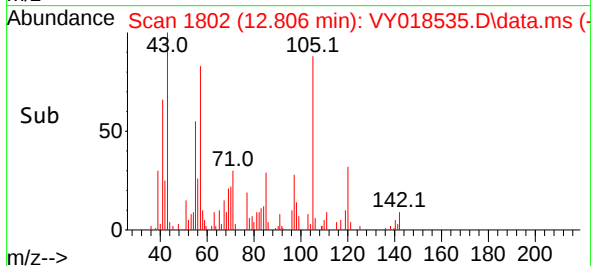
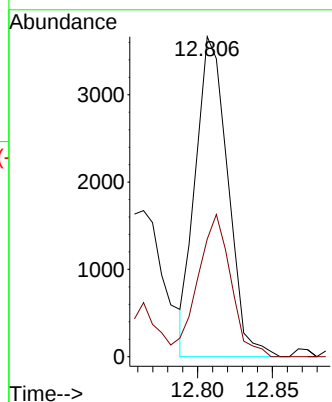
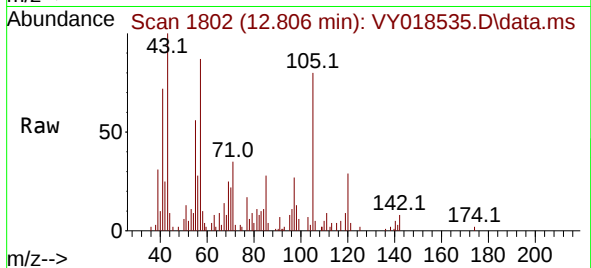




#80
1,3,5-Trimethylbenzene
Concen: 3.483 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

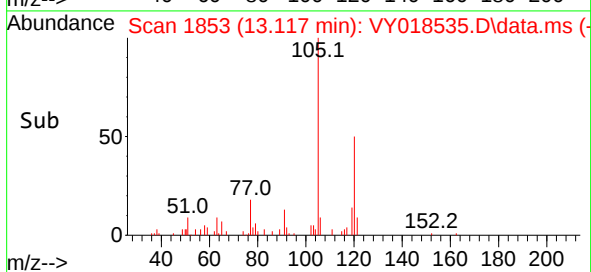
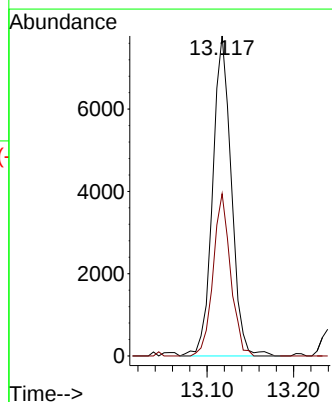
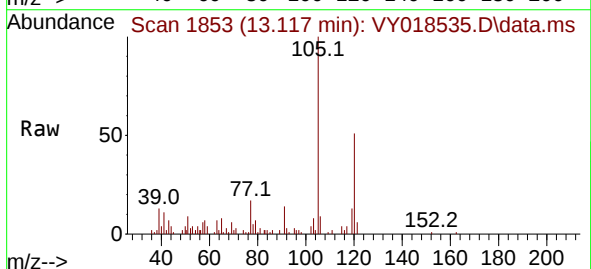
Instrument :
MSVOA_Y
ClientSampleId :
MH-SLUDGERE

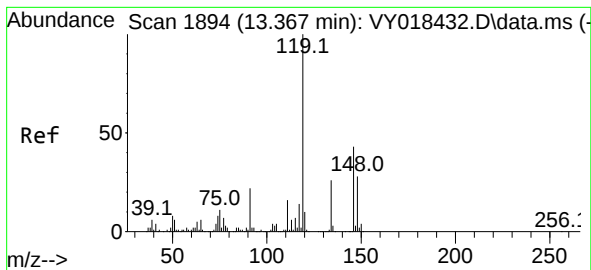
Tgt Ion:105 Resp: 5499
Ion Ratio Lower Upper
105 100
120 45.6 25.1 75.2



#84
1,2,4-Trimethylbenzene
Concen: 7.552 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018535.D
Acq: 07 Jun 2024 18:33

Tgt Ion:105 Resp: 11673
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.6





#86
 p-Isopropyltoluene
 Concen: 5.027 ug/l
 RT: 13.367 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY018535.D
 Acq: 07 Jun 2024 18:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-SLUDGERE

Tgt Ion:	119	Resp:	8723
Ion	Ratio	Lower	Upper
119	100		
134	30.3	13.1	39.3
91	0.0	10.7	32.1#

