

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015451.D
 Acq On : 06 Sep 2023 15:44
 Operator : SY/MD
 Sample : 04299-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-9.5-10.0

Quant Time: Sep 06 16:28:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	223698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	386604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	346112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157283	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149382	62.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.580%
35) Dibromofluoromethane	7.704	113	119486	53.659	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.320%
50) Toluene-d8	10.173	98	454787	56.398	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.800%
62) 4-Bromofluorobenzene	12.477	95	158356	52.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.800%

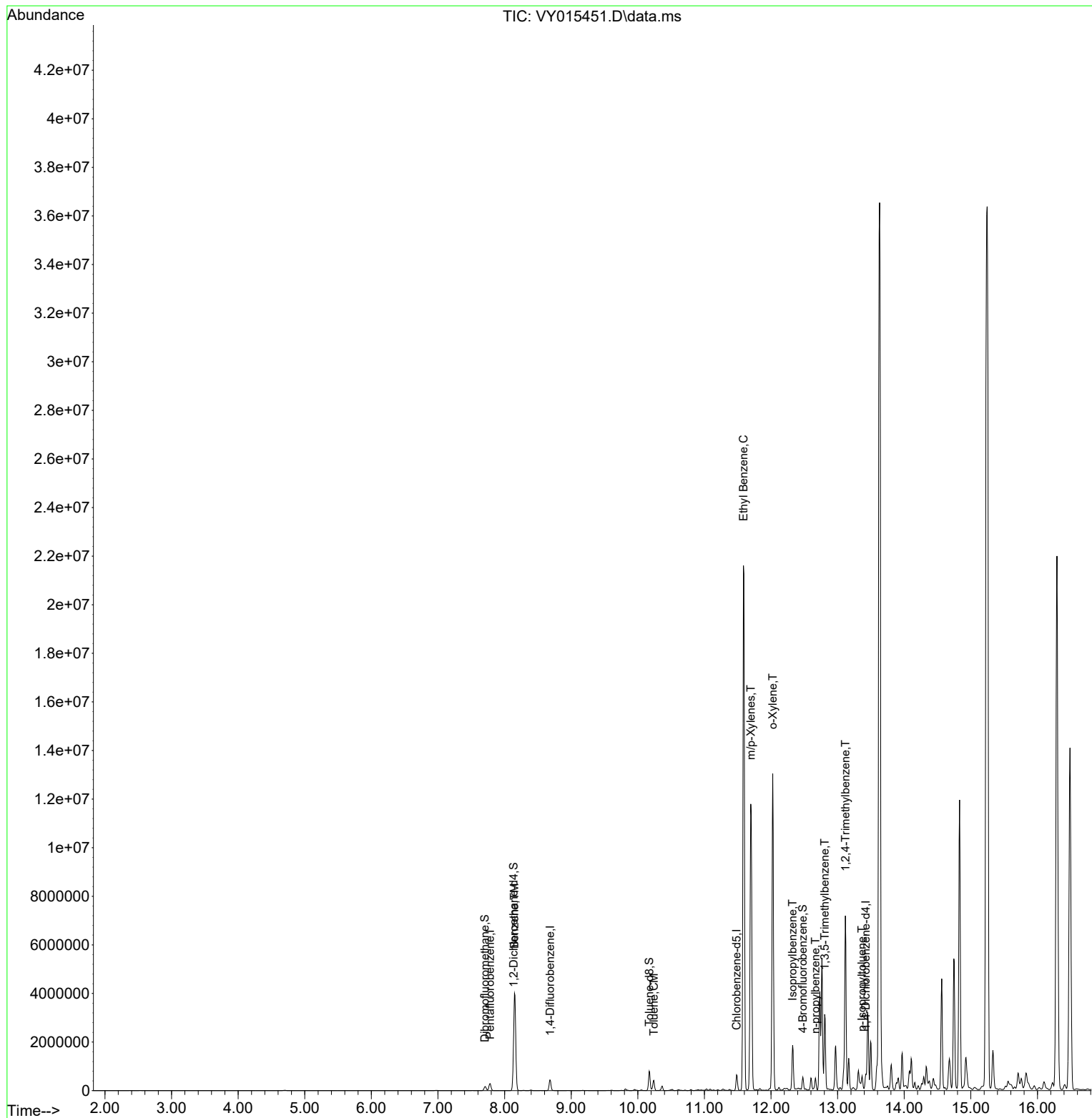
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	8.149	78	3975623	364.447	ug/l	99
52) Toluene	10.240	92	168608	24.115	ug/l	96
67) Ethyl Benzene	11.587	91	13620949	1017.071	ug/l	# 83
68) m/p-Xylenes	11.697	106	3679638	708.838	ug/l	93
69) o-Xylene	12.026	106	3292883	663.744	ug/l	94
73) Isopropylbenzene	12.325	105	1134769	96.053	ug/l	99
78) n-propylbenzene	12.666	91	365564	25.572	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	1459691	147.717	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	3687269	375.816	ug/l	97
86) p-Isopropyltoluene	13.367	119	242657	22.428	ug/l	# 76

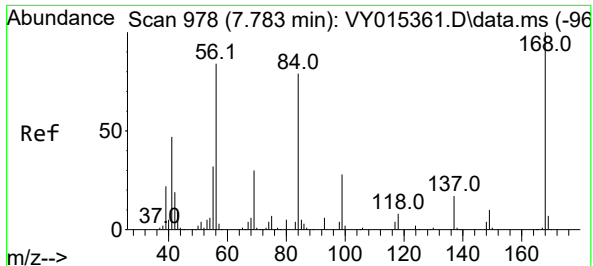
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
Data File : VY015451.D
Acq On : 06 Sep 2023 15:44
Operator : SY/MD
Sample : 04299-05
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

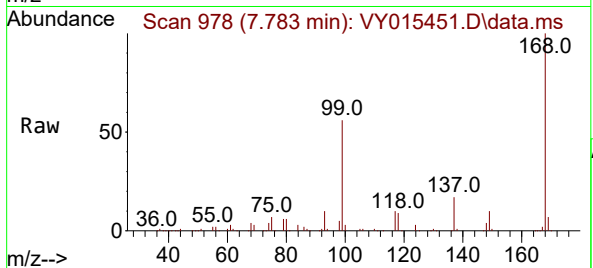
Quant Time: Sep 06 16:28:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



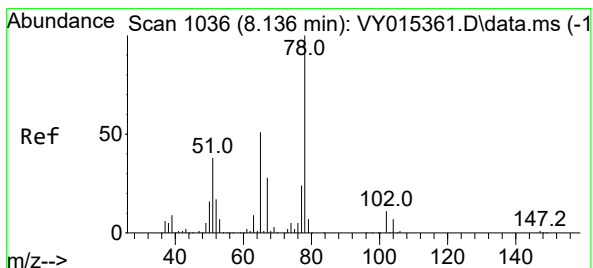
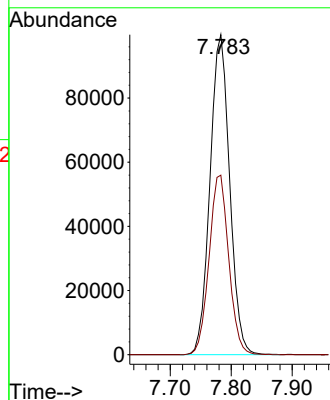
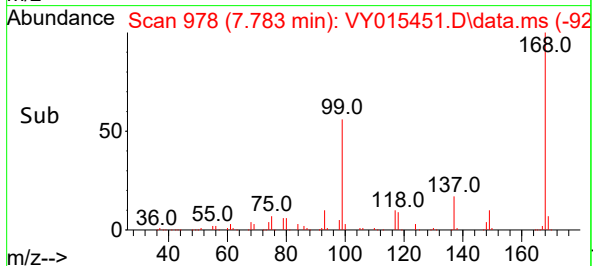


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015451.D
Acq: 06 Sep 2023 15:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

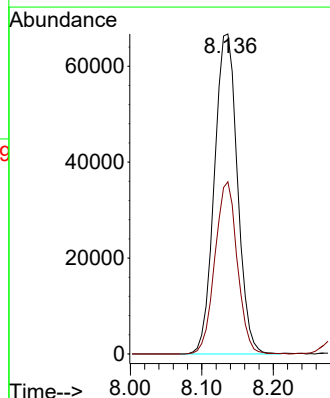
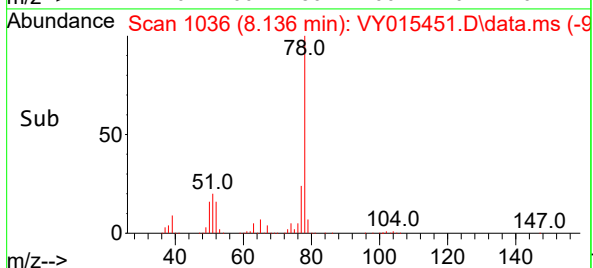
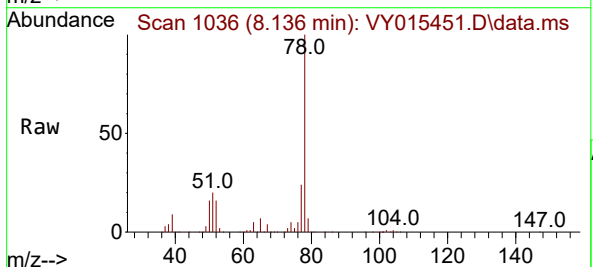


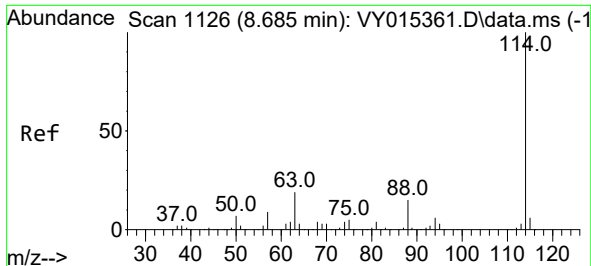
Tgt Ion:168 Resp: 223698
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.294 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015451.D
Acq: 06 Sep 2023 15:44

Tgt Ion: 65 Resp: 149382
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

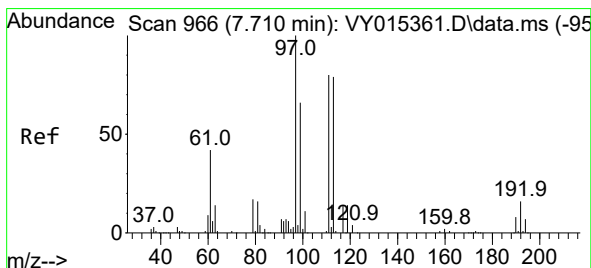
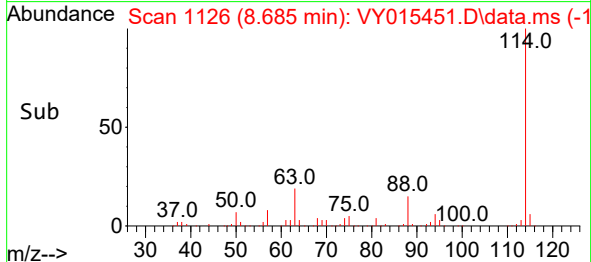
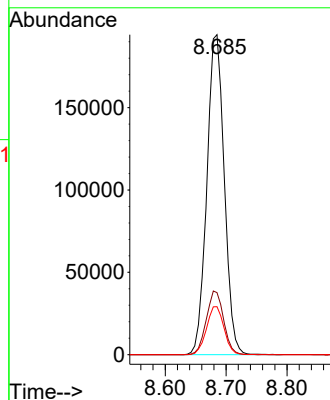
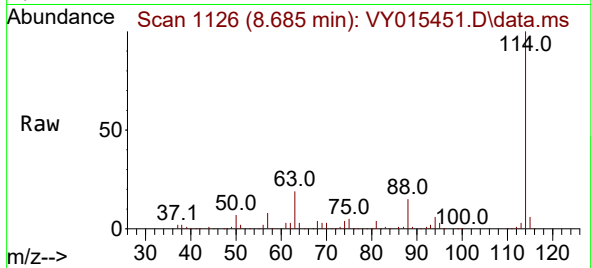




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015451.D
Acq: 06 Sep 2023 15:44

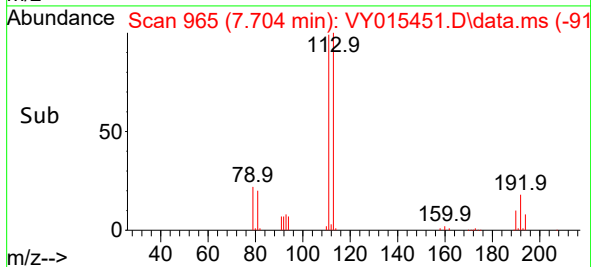
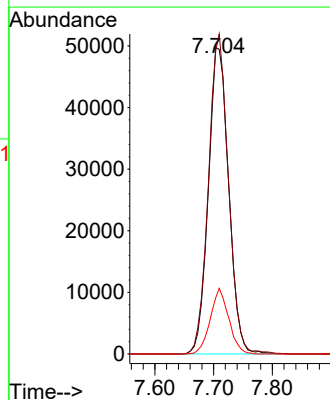
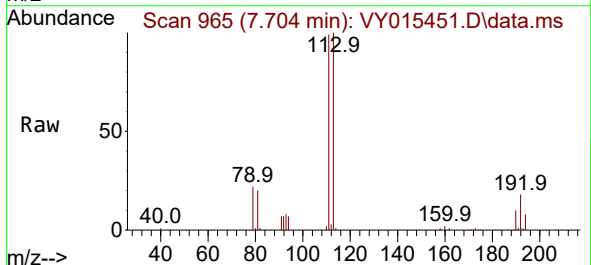
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

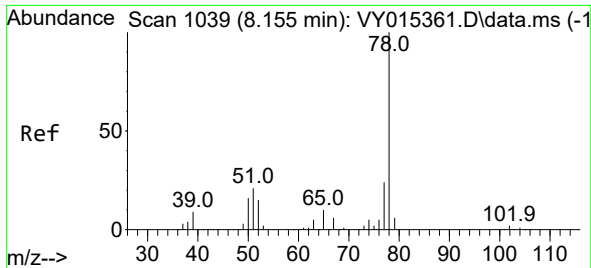
Tgt Ion:114 Resp: 386604
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.659 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY015451.D
Acq: 06 Sep 2023 15:44

Tgt Ion:113 Resp: 119486
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.5 16.9 25.3

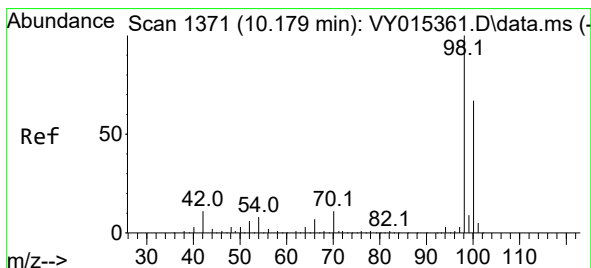
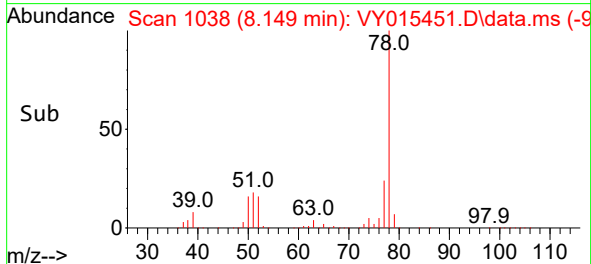
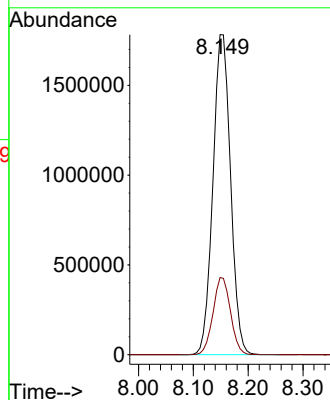
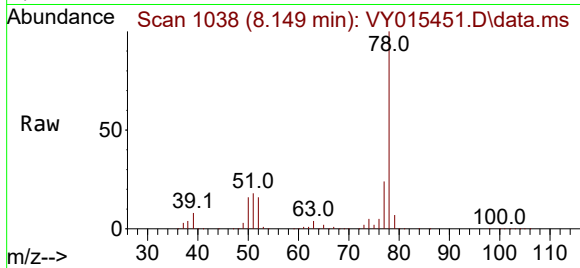




#40
Benzene
Concen: 364.447 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015451.D
Acq: 06 Sep 2023 15:44

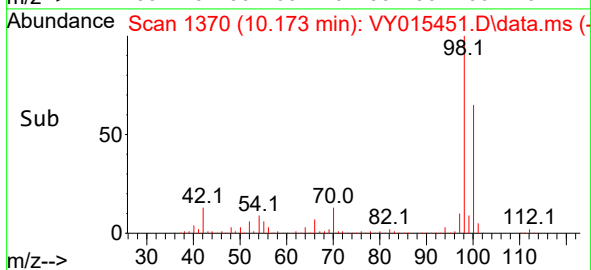
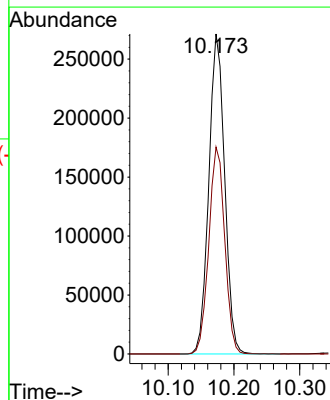
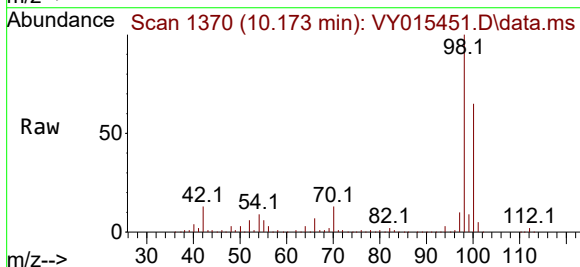
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

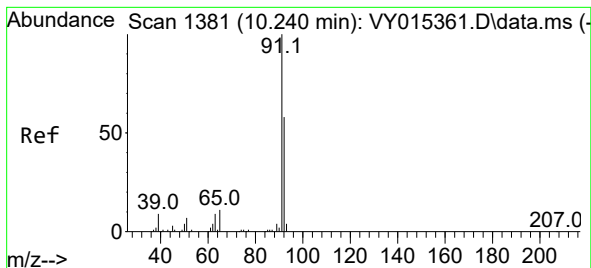
Tgt Ion: 78 Resp: 3975623
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6



#50
Toluene-d8
Concen: 56.398 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015451.D
Acq: 06 Sep 2023 15:44

Tgt Ion: 98 Resp: 454787
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1





#52

Toluene

Concen: 24.115 ug/l

RT: 10.240 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015451.D

Acq: 06 Sep 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

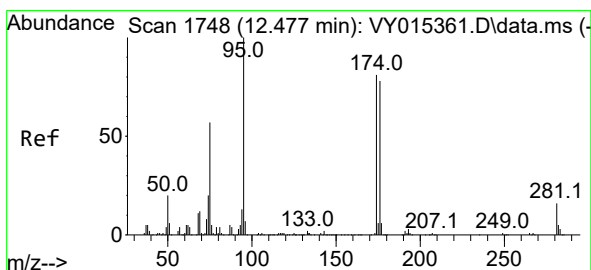
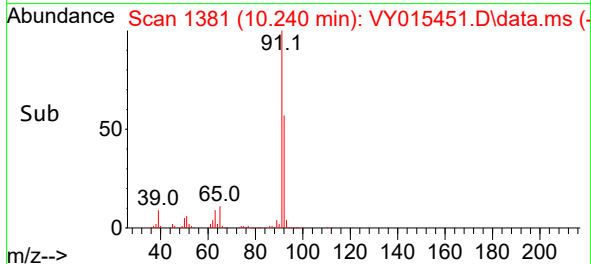
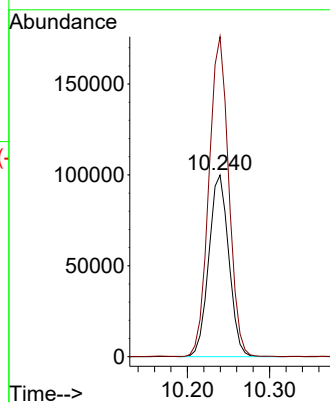
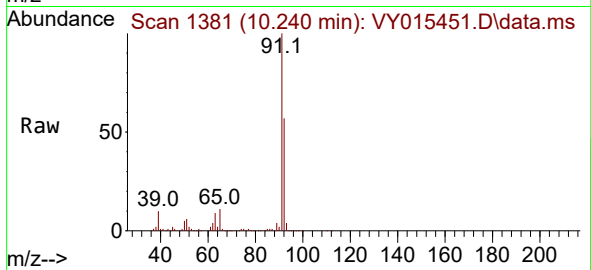
SB-03-9.5-10.0

Tgt Ion: 92 Resp: 168608

Ion Ratio Lower Upper

92 100

91 174.3 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 52.898 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015451.D

Acq: 06 Sep 2023 15:44

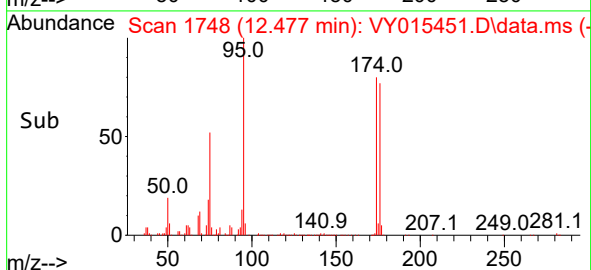
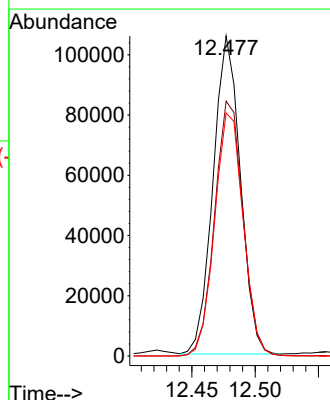
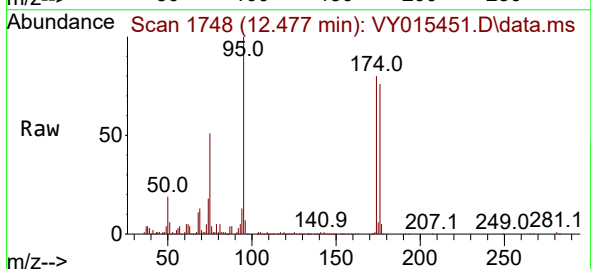
Tgt Ion: 95 Resp: 158356

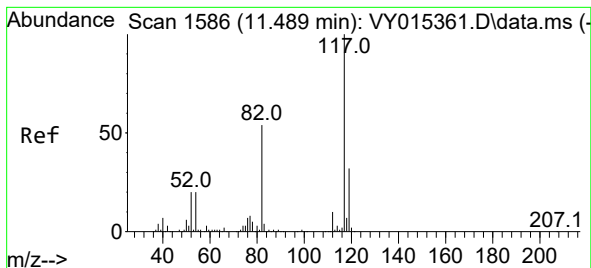
Ion Ratio Lower Upper

95 100

174 83.1 0.0 178.2

176 80.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015451.D

Acq: 06 Sep 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-9.5-10.0

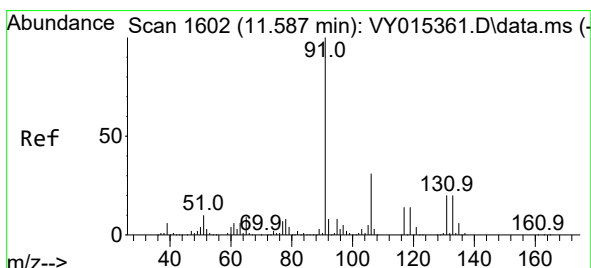
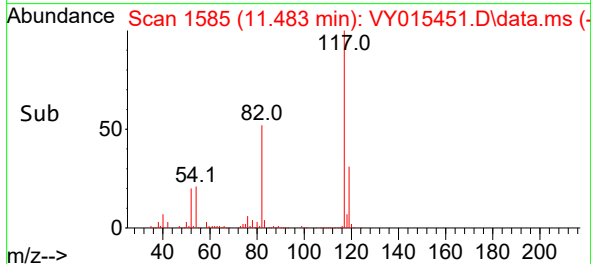
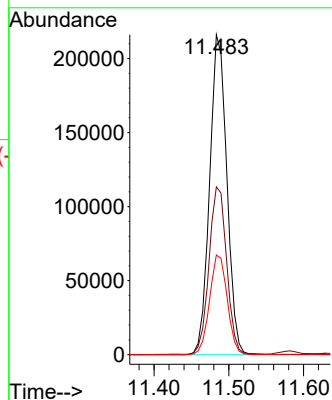
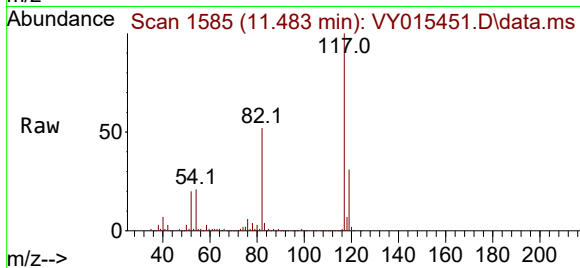
Tgt Ion:117 Resp: 346112

Ion Ratio Lower Upper

117 100

82 52.3 43.4 65.0

119 31.2 26.3 39.5



#67

Ethyl Benzene

Concen: 1017.071 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015451.D

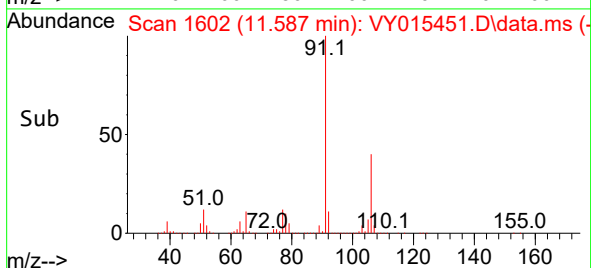
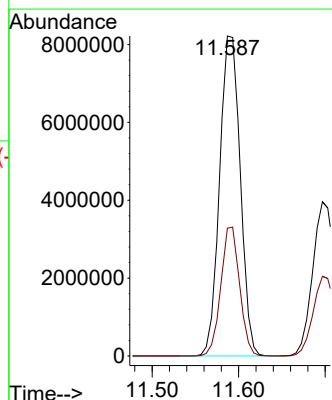
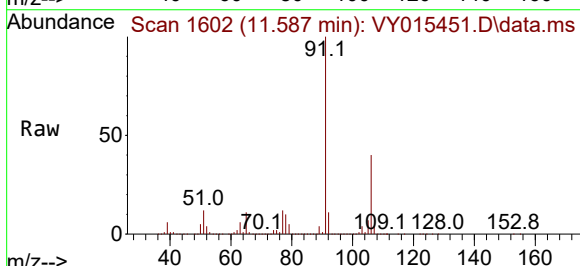
Acq: 06 Sep 2023 15:44

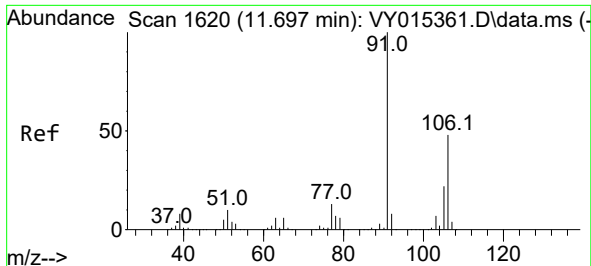
Tgt Ion: 91 Resp:13620949

Ion Ratio Lower Upper

91 100

106 40.0 24.6 36.8#

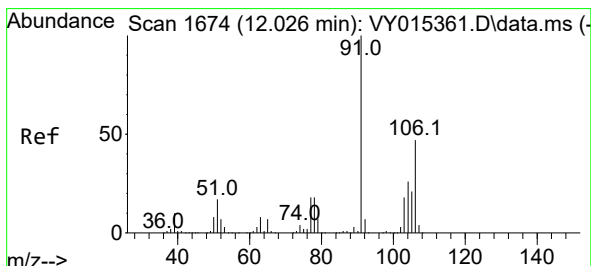
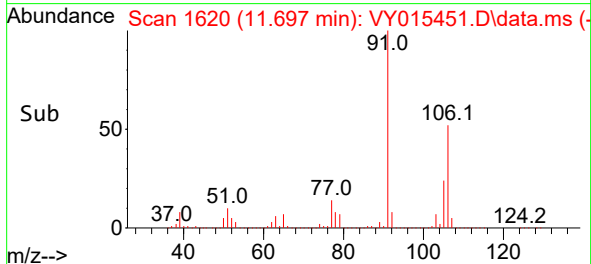
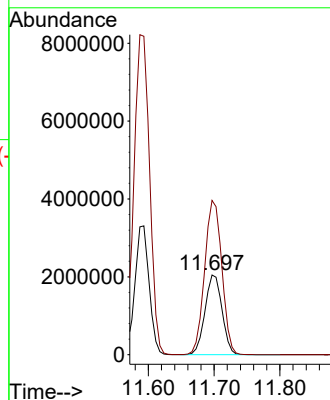
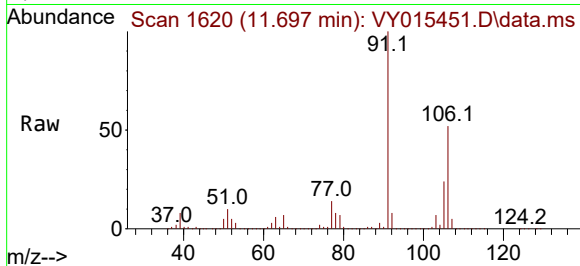




#68
m/p-Xylenes
Concen: 708.838 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY015451.D
Acq: 06 Sep 2023 15:44

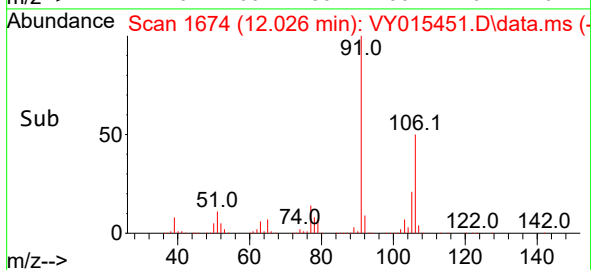
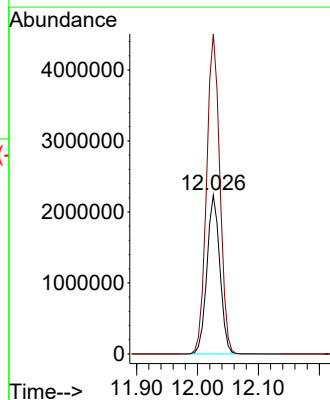
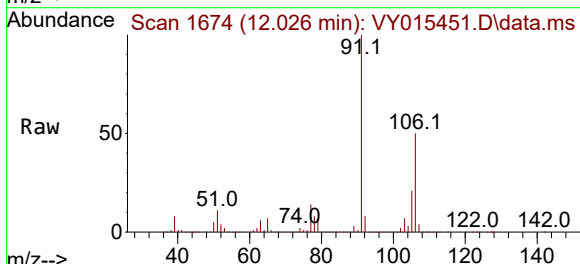
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

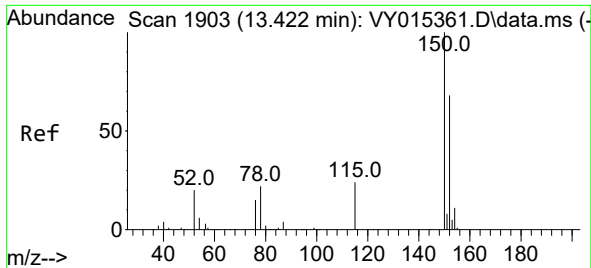
Tgt Ion:106 Resp: 3679638
Ion Ratio Lower Upper
106 100
91 196.2 166.1 249.1



#69
o-Xylene
Concen: 663.744 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015451.D
Acq: 06 Sep 2023 15:44

Tgt Ion:106 Resp: 3292883
Ion Ratio Lower Upper
106 100
91 206.7 108.1 324.3

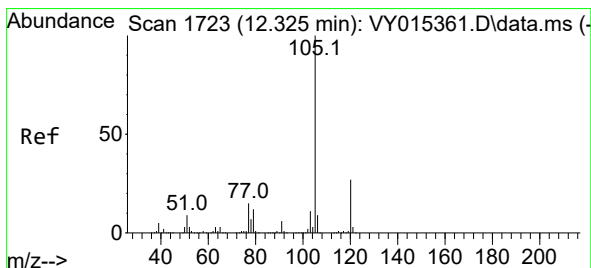
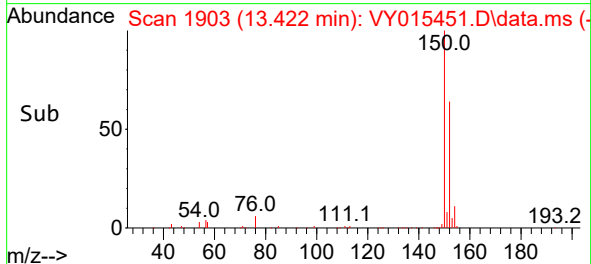
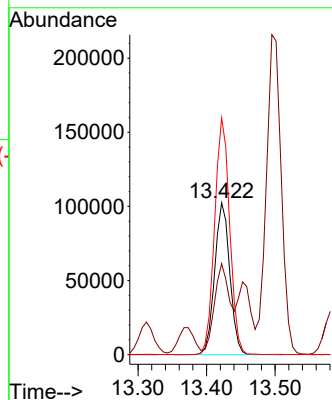
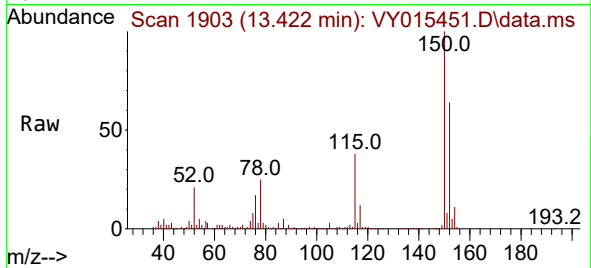




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015451.D
 Acq: 06 Sep 2023 15:44

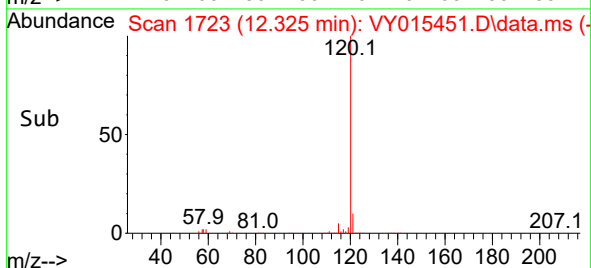
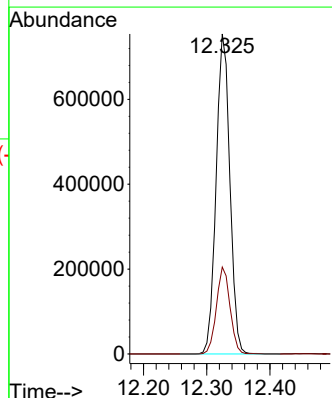
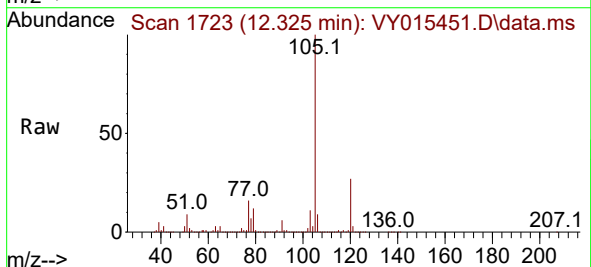
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-9.5-10.0

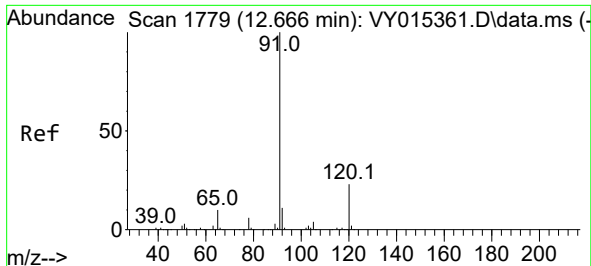
Tgt Ion:152 Resp: 157283
 Ion Ratio Lower Upper
 152 100
 115 0.0 28.8 86.5#
 150 155.0 0.0 348.8



#73
 Isopropylbenzene
 Concen: 96.053 ug/l
 RT: 12.325 min Scan# 1723
 Delta R.T. 0.000 min
 Lab File: VY015451.D
 Acq: 06 Sep 2023 15:44

Tgt Ion:105 Resp: 1134769
 Ion Ratio Lower Upper
 105 100
 120 27.0 13.3 39.9

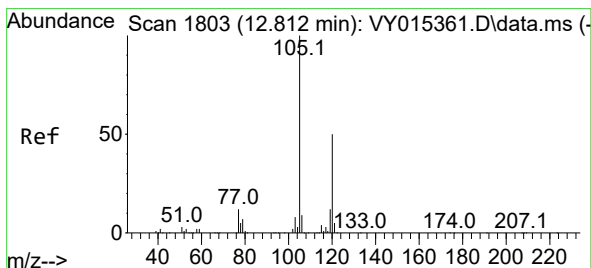
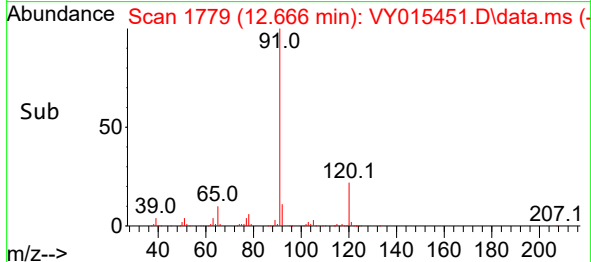
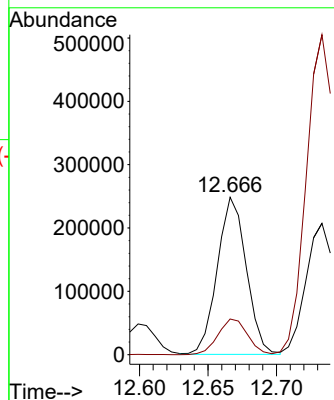
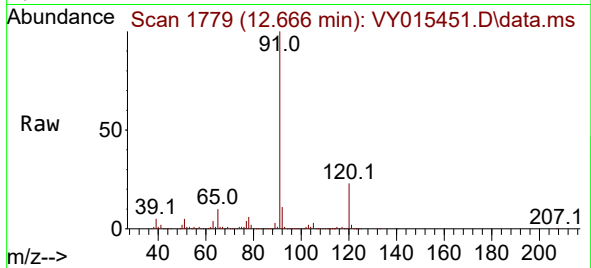




#78
n-propylbenzene
Concen: 25.572 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY015451.D
Acq: 06 Sep 2023 15:44

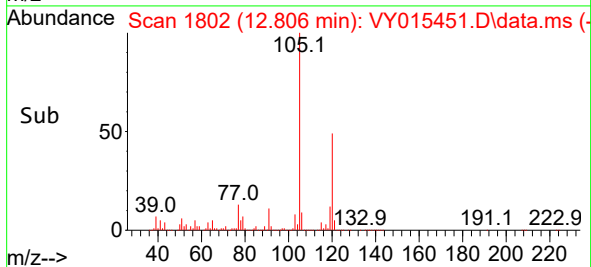
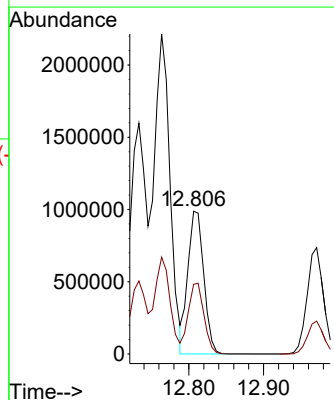
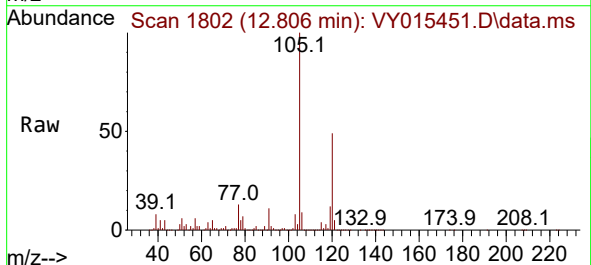
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

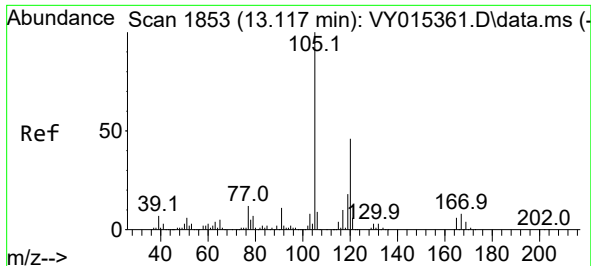
Tgt Ion: 91 Resp: 365564
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 147.717 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY015451.D
Acq: 06 Sep 2023 15:44

Tgt Ion: 105 Resp: 1459691
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

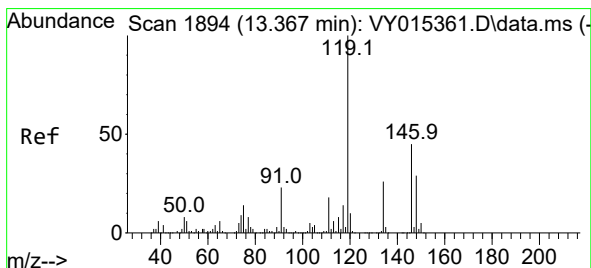
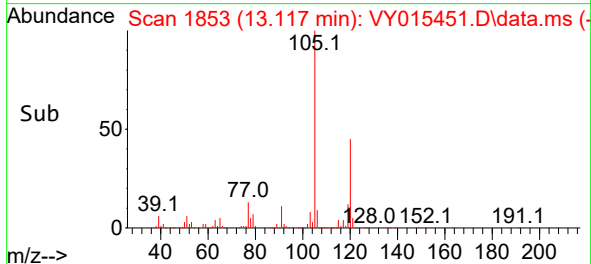
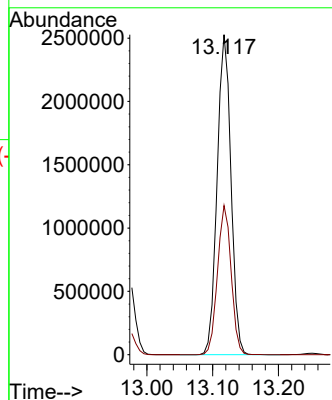
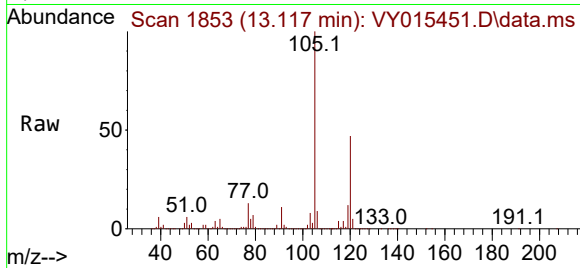




#84
1,2,4-Trimethylbenzene
Concen: 375.816 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015451.D
Acq: 06 Sep 2023 15:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9.5-10.0

Tgt Ion:105 Resp: 3687269
Ion Ratio Lower Upper
105 100
120 46.2 22.2 66.6



#86
p-Isopropyltoluene
Concen: 22.428 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY015451.D
Acq: 06 Sep 2023 15:44

Tgt Ion:119 Resp: 242657
Ion Ratio Lower Upper
119 100
134 26.1 13.3 39.8
91 0.0 12.4 37.4#

