

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009227.D
 Acq On : 17 Jun 2022 15:18
 Operator : KP/MD
 Sample : N3383-05
 Misc : 7.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-02-(15-16)

Quant Time: Jun 17 22:54:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

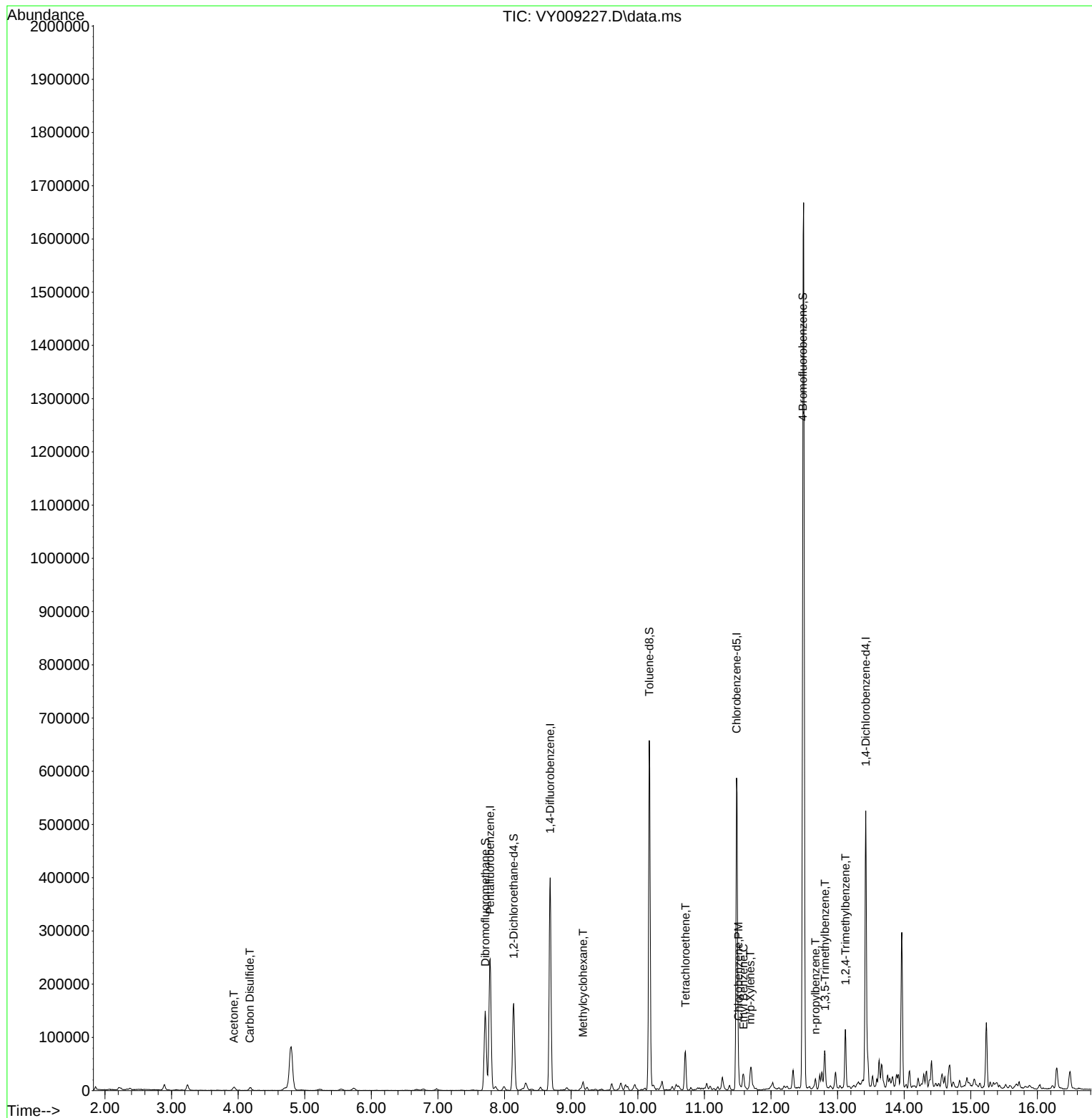
Internal Standards						
1) Pentafluorobenzene	7.783	168	194190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	315235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	119168	58.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.500%	
35) Dibromofluoromethane	7.710	113	101814	48.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.040%	
50) Toluene-d8	10.173	98	411252	50.949	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.477	95	138052	48.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.260%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	9983	19.537	ug/l	92
17) Carbon Disulfide	4.174	76	10654	1.992	ug/l	98
39) Methylcyclohexane	9.179	83	5289	1.345	ug/l	90
64) Tetrachloroethene	10.715	164	12669	4.338	ug/l	96
65) Chlorobenzene	11.514	112	14304	2.095	ug/l	99
67) Ethyl Benzene	11.587	91	15707	1.318	ug/l	97
68) m/p-Xylenes	11.691	106	12072	2.570	ug/l	91
78) n-propylbenzene	12.666	91	14194	1.213	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	24372	3.015	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	57395	7.235	ug/l	96

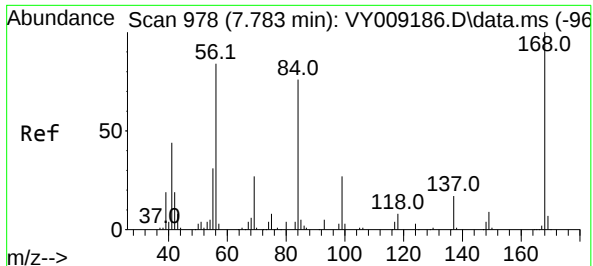
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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RB-02-(15-16)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
Response via : Initial Calibration

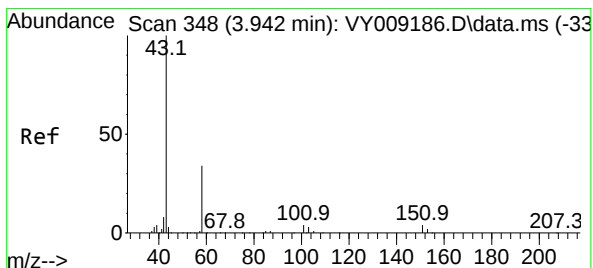
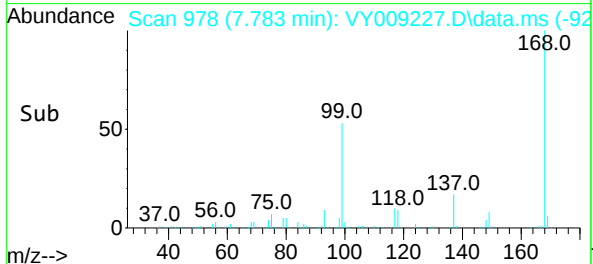
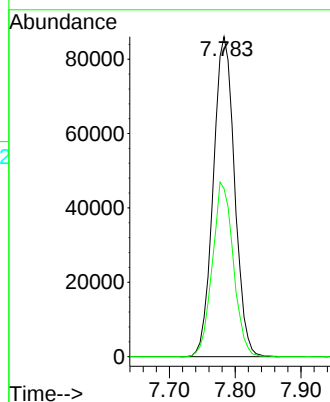
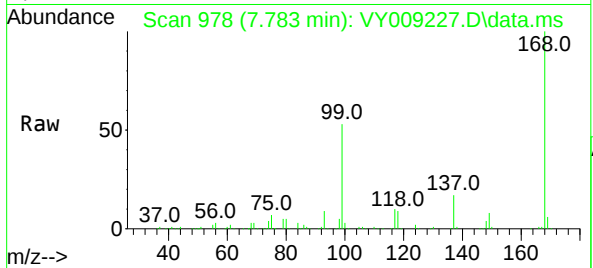




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

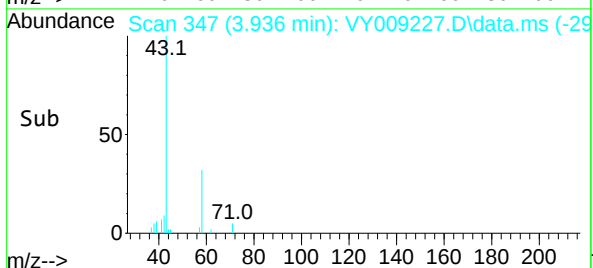
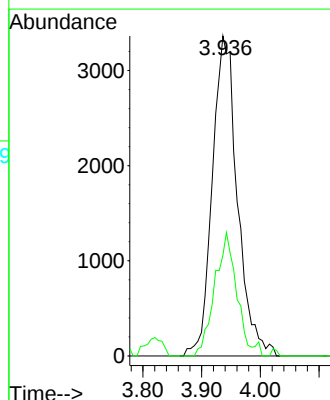
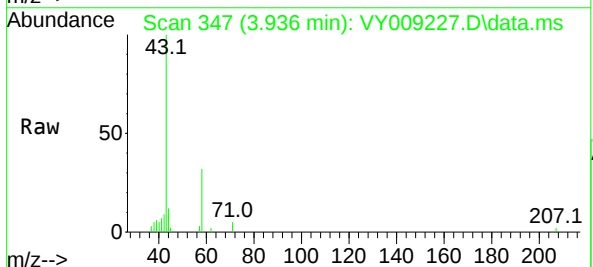
Instrument :
MSVOA_Y
ClientSampleId :
RB-02-(15-16)

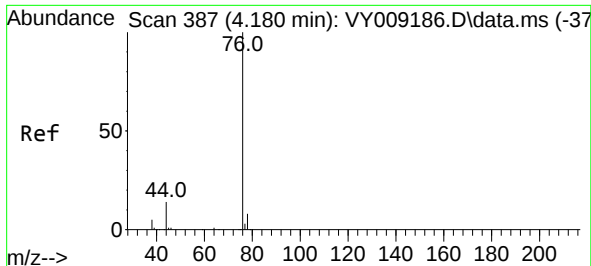
Tgt Ion:168 Resp: 194190
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#16
Acetone
Concen: 19.537 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

Tgt Ion: 43 Resp: 9983
Ion Ratio Lower Upper
43 100
58 31.5 22.0 33.0

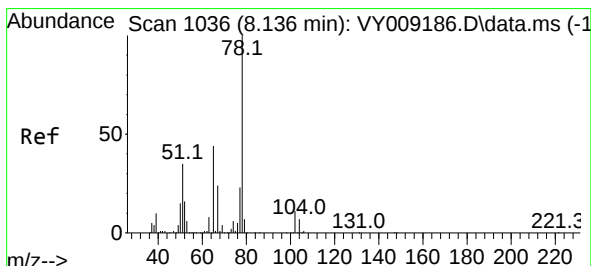
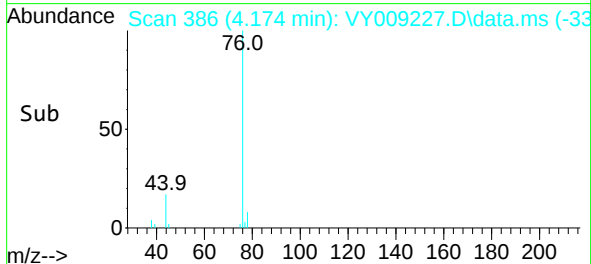
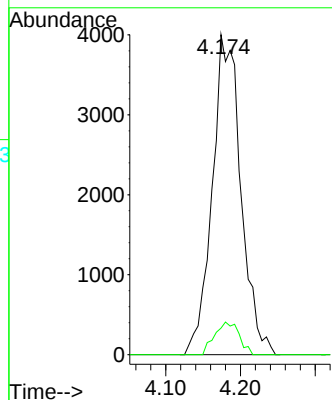
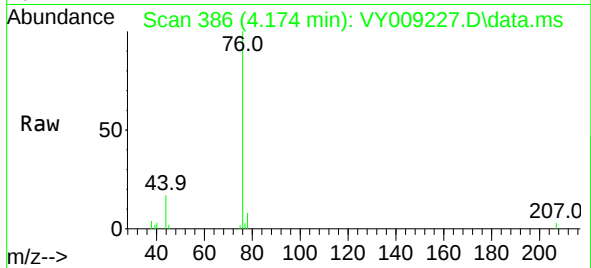




#17
Carbon Disulfide
Concen: 1.992 ug/l
RT: 4.174 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

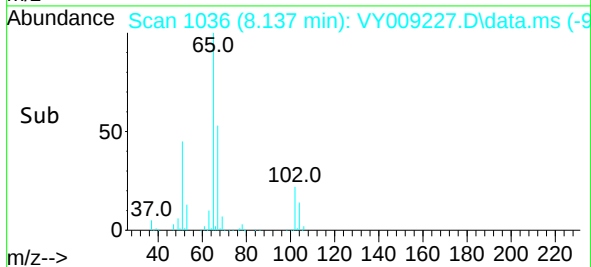
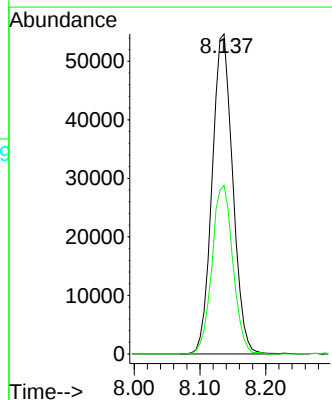
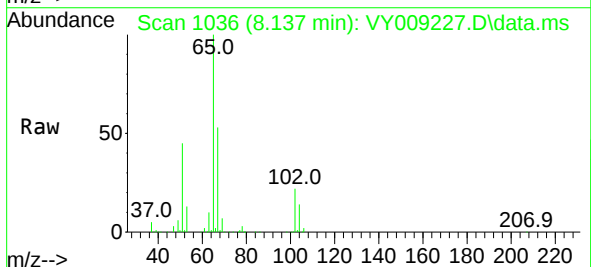
Instrument :
MSVOA_Y
ClientSampleId :
RB-02-(15-16)

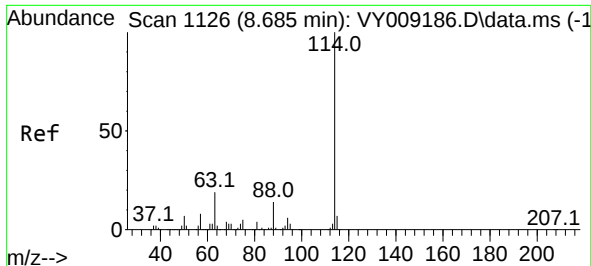
Tgt Ion: 76 Resp: 10654
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 58.747 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

Tgt Ion: 65 Resp: 119168
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

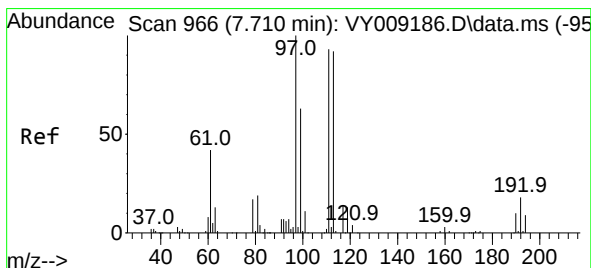
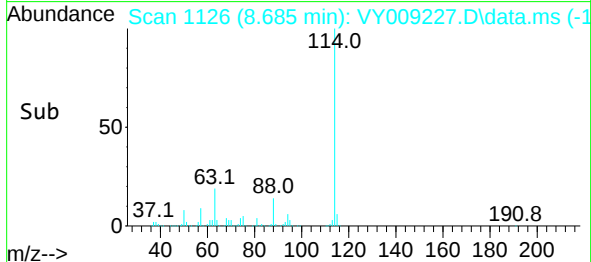
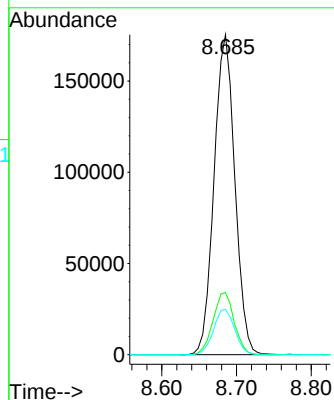
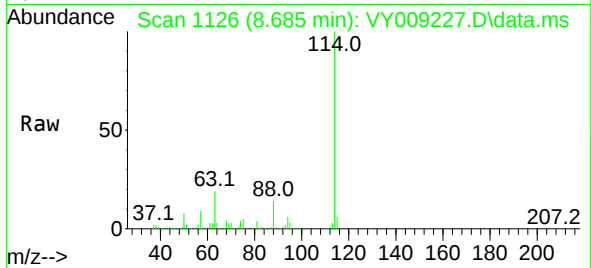




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

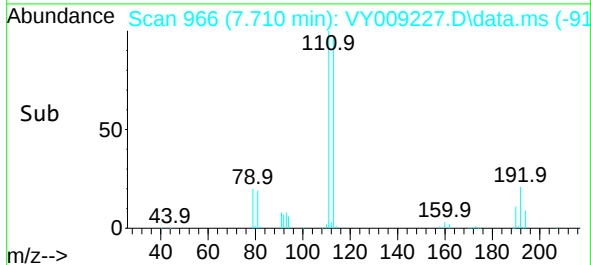
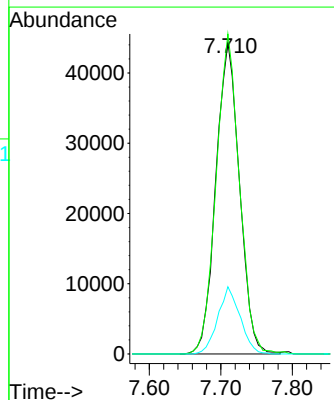
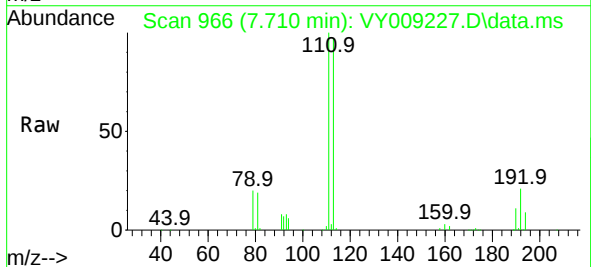
Instrument :
MSVOA_Y
ClientSampleId :
RB-02-(15-16)

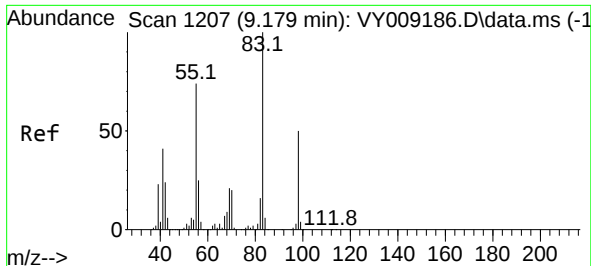
Tgt Ion:114 Resp: 338211
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 14.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.015 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

Tgt Ion:113 Resp: 101814
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 20.3 17.6 26.4

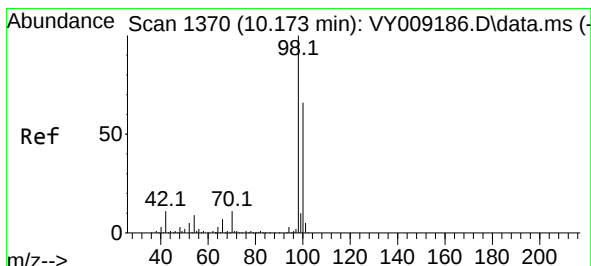
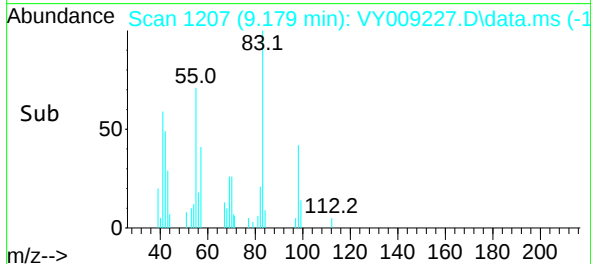
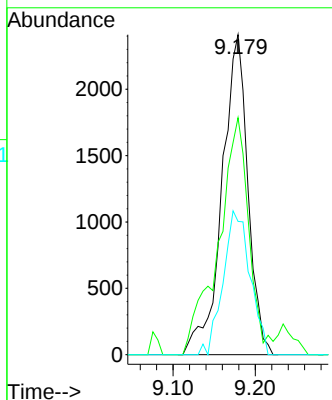
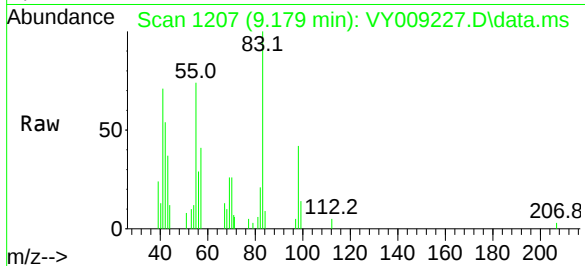




#39
Methylcyclohexane
Concen: 1.345 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

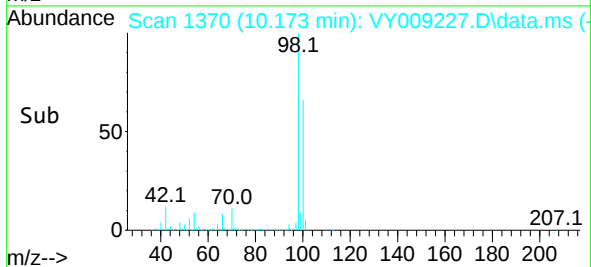
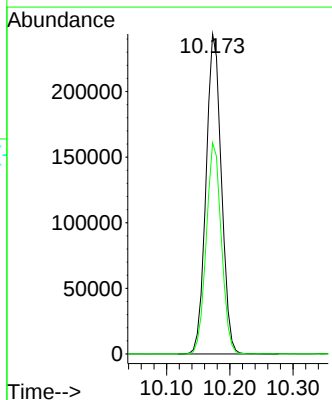
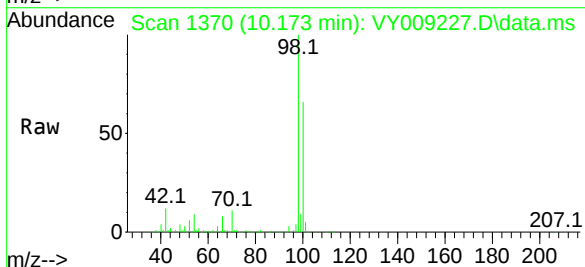
Instrument :
MSVOA_Y
ClientSampleId :
RB-02-(15-16)

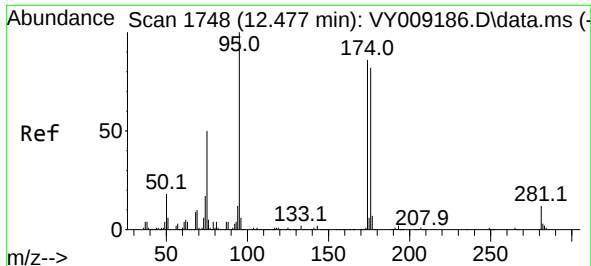
Tgt Ion: 83 Resp: 5289
Ion Ratio Lower Upper
83 100
55 74.0 66.5 99.7
98 41.6 37.9 56.9



#50
Toluene-d8
Concen: 50.949 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

Tgt Ion: 98 Resp: 411252
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

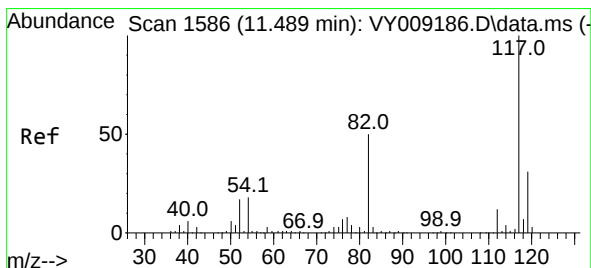
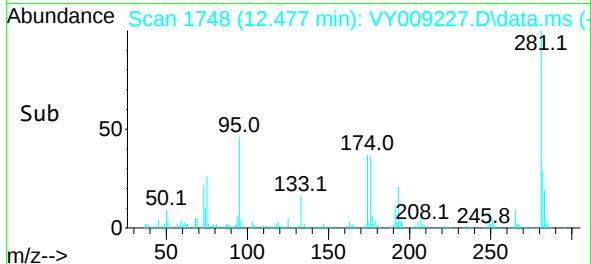
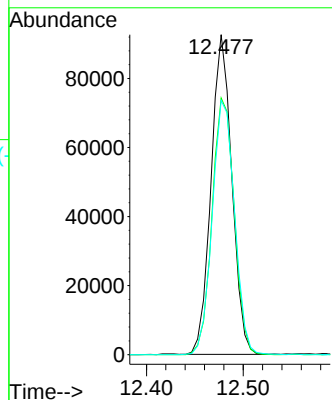
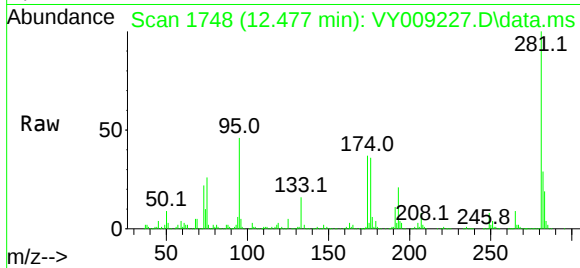




#62
4-Bromofluorobenzene
Concen: 48.129 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

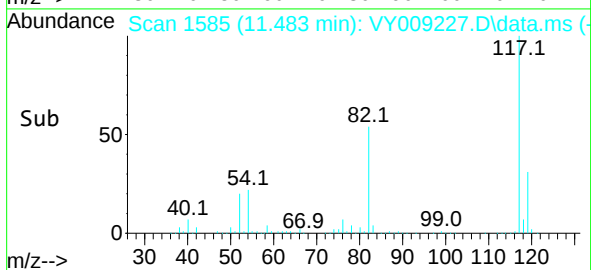
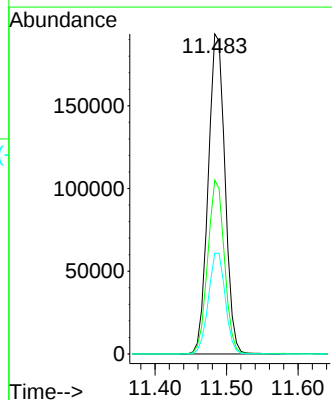
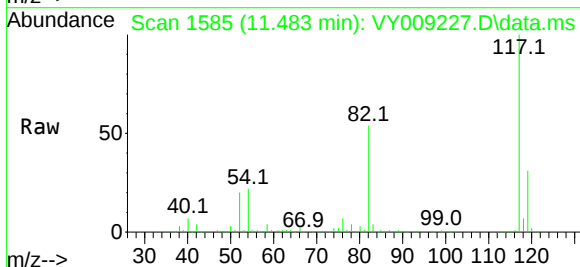
Instrument :
MSVOA_Y
ClientSampleId :
RB-02-(15-16)

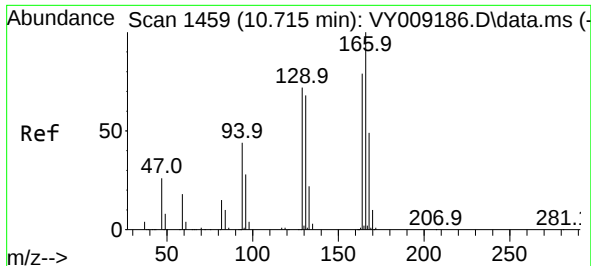
Tgt Ion: 95 Resp: 138052
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 85.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

Tgt Ion: 117 Resp: 315235
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.5 25.4 38.0

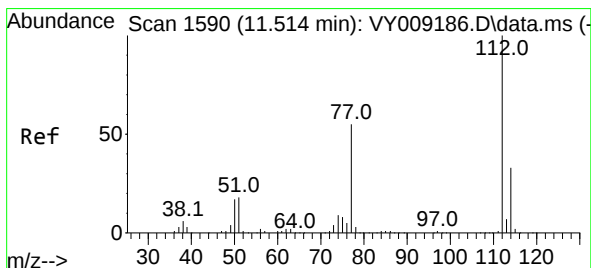
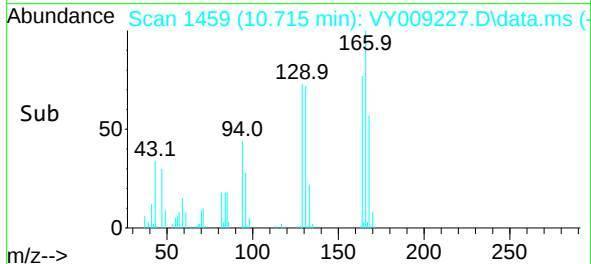
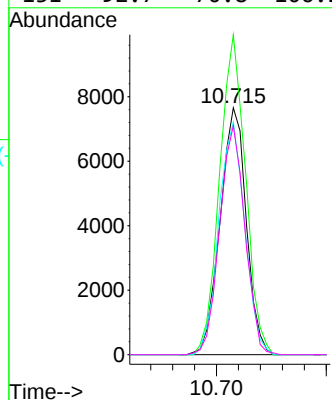
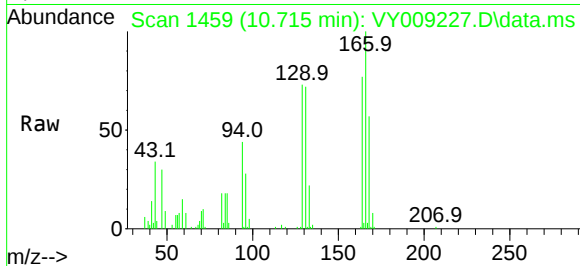




#64
Tetrachloroethene
Concen: 4.338 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

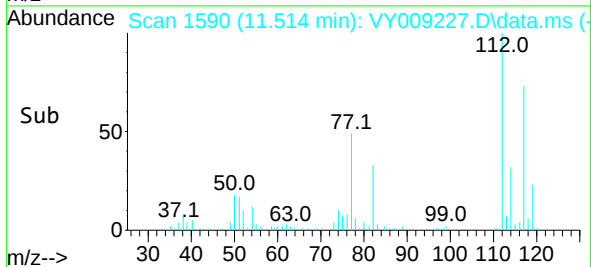
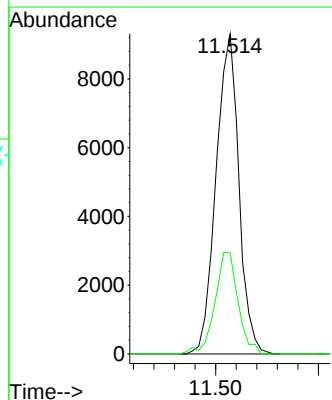
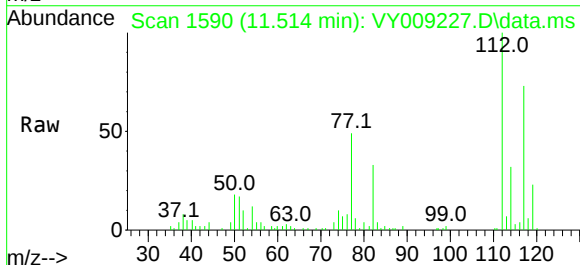
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RB-02-(15-16)

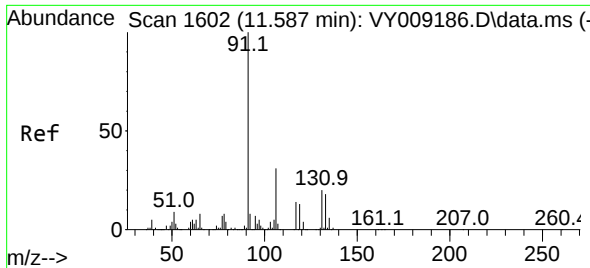
Tgt Ion:164	Resp:	12669
Ion	Ratio	Lower Upper
164	100	
166	129.6	100.4 150.6
129	94.2	71.4 107.0
131	92.7	70.8 106.2



#65
Chlorobenzene
Concen: 2.095 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

Tgt Ion:112	Resp:	14304
Ion	Ratio	Lower Upper
112	100	
114	31.7	25.8 38.6

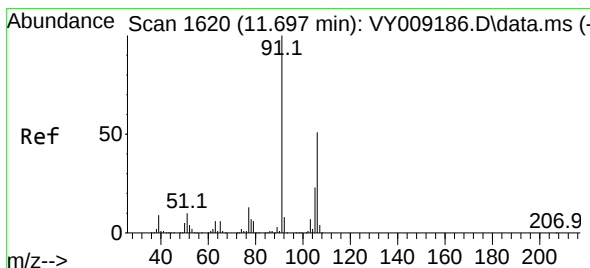
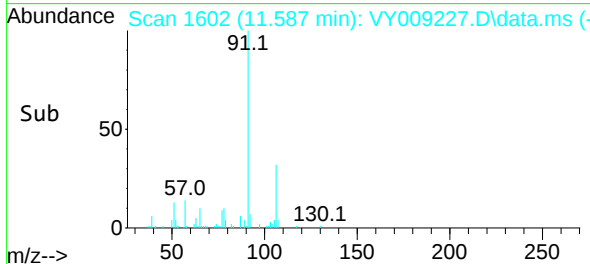
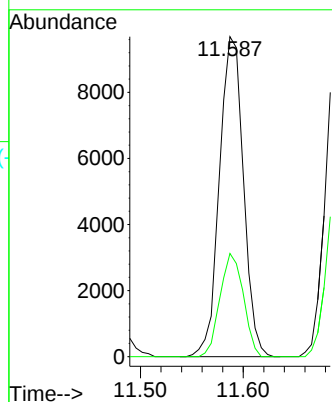
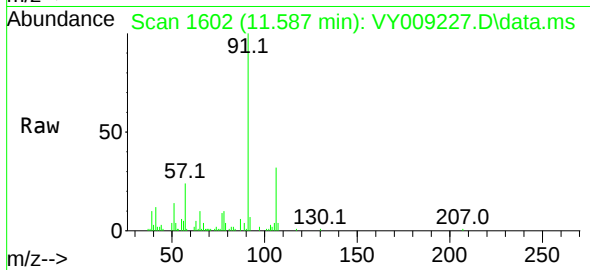




#67
Ethyl Benzene
Concen: 1.318 ug/l
RT: 11.587 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

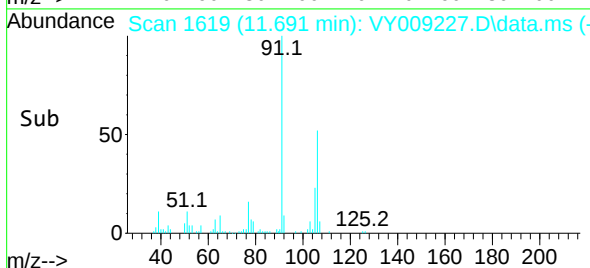
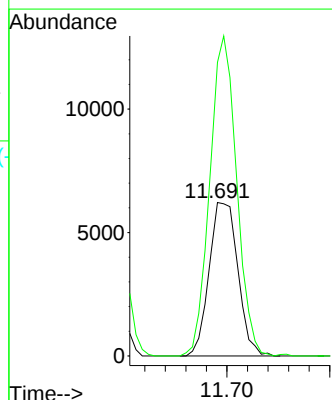
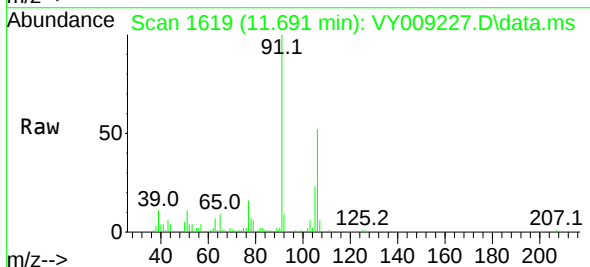
Instrument :
MSVOA_Y
ClientSampleId :
RB-02-(15-16)

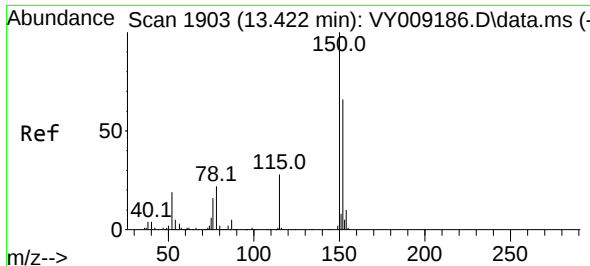
Tgt Ion: 91 Resp: 15707
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7



#68
m/p-Xylenes
Concen: 2.570 ug/l
RT: 11.691 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

Tgt Ion: 106 Resp: 12072
Ion Ratio Lower Upper
106 100
91 194.7 166.6 249.8

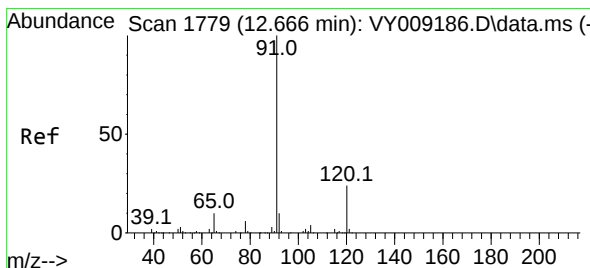
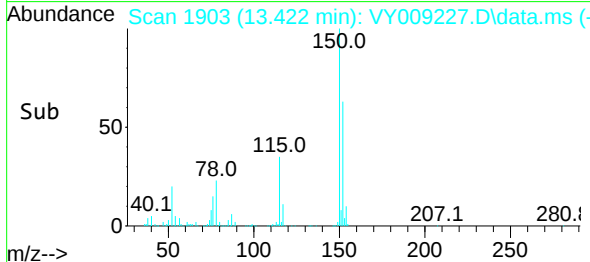
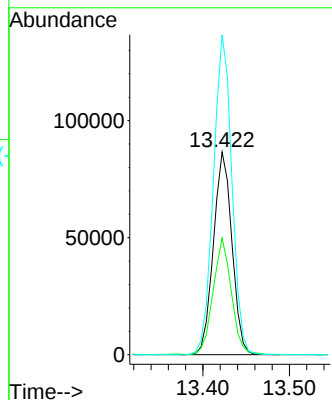
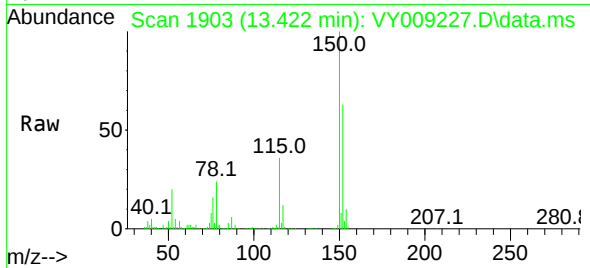




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

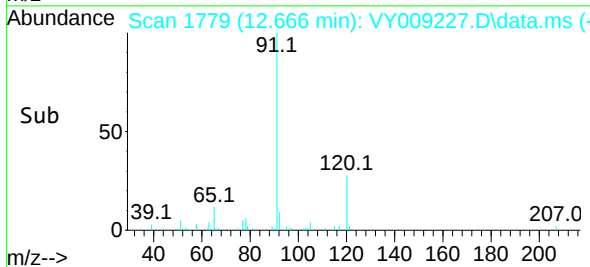
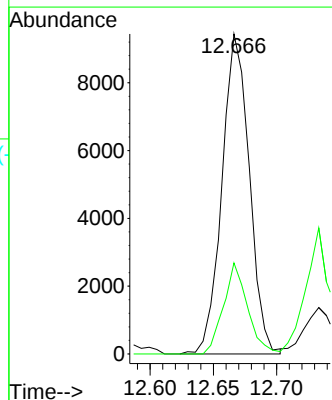
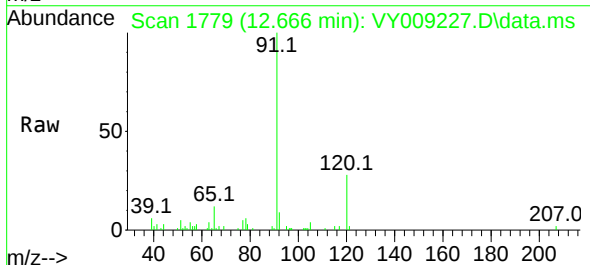
Instrument :
MSVOA_Y
ClientSampleId :
RB-02-(15-16)

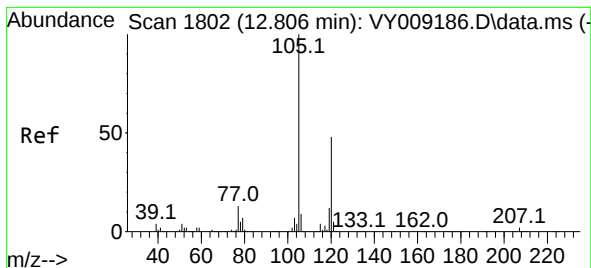
Tgt Ion:152 Resp: 128481
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 157.4 0.0 347.6



#78
n-propylbenzene
Concen: 1.213 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009227.D
Acq: 17 Jun 2022 15:18

Tgt Ion: 91 Resp: 14194
Ion Ratio Lower Upper
91 100
120 25.1 11.3 33.9





#80

1,3,5-Trimethylbenzene

Concen: 3.015 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY009227.D

Acq: 17 Jun 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

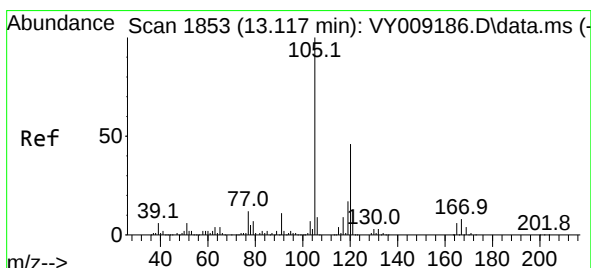
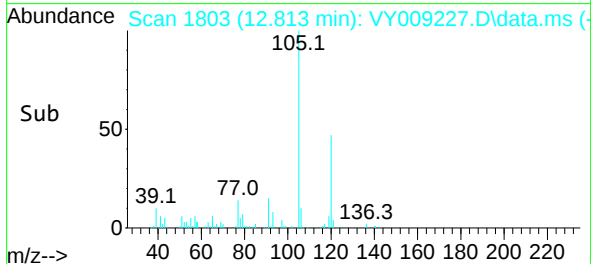
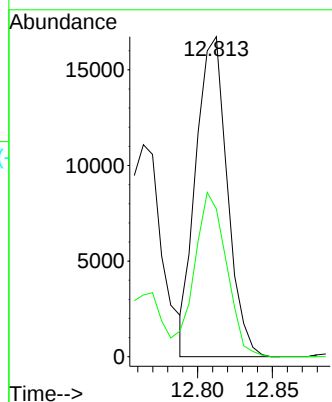
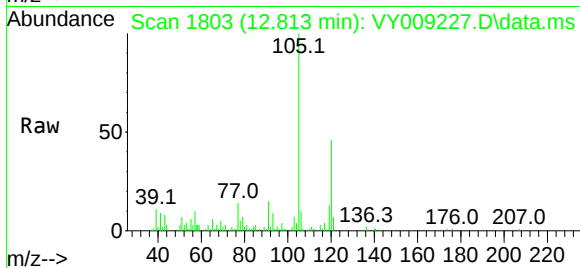
RB-02-(15-16)

Tgt Ion:105 Resp: 24372

Ion Ratio Lower Upper

105 100

120 52.8 24.4 73.4



#84

1,2,4-Trimethylbenzene

Concen: 7.235 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009227.D

Acq: 17 Jun 2022 15:18

Tgt Ion:105 Resp: 57395

Ion Ratio Lower Upper

105 100

120 47.0 22.3 66.9

