

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009611.D
 Acq On : 20 Jul 2022 14:44
 Operator : KP/MD
 Sample : N3652-07
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-3-(18-24)

Quant Time: Jul 21 02:13:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	255866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	411470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180394	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	106844	44.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.300%
35) Dibromofluoromethane	7.710	113	104974	40.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.000%
50) Toluene-d8	10.173	98	420810	42.227	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	84.460%
62) 4-Bromofluorobenzene	12.477	95	163436	50.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	101.220%

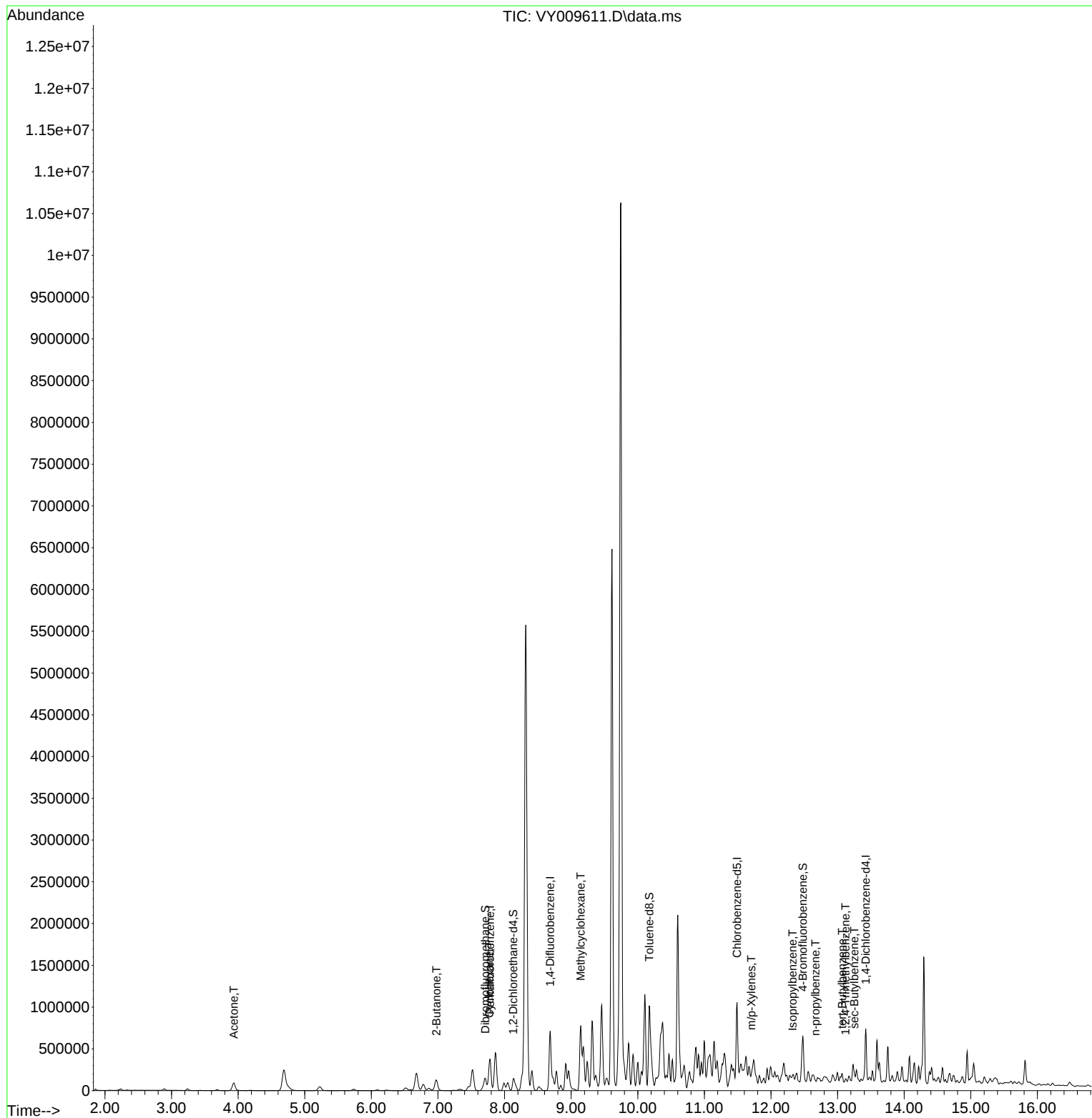
Target Compounds						Qvalue
16) Acetone	3.936	43	121392	198.304	ug/l	98
25) 2-Butanone	6.978	43	150775	168.853	ug/l	98
31) Cyclohexane	7.771	56	49660	11.638	ug/l	95
39) Methylcyclohexane	9.142	83	163922	34.705	ug/l #	8
68) m/p-Xylenes	11.703	106	19019	3.415	ug/l	98
73) Isopropylbenzene	12.325	105	26144	2.093	ug/l	98
78) n-propylbenzene	12.666	91	24185	1.602	ug/l	98
83) tert-Butylbenzene	13.069	119	17135	1.869	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	16230	1.572	ug/l	99
85) sec-Butylbenzene	13.251	105	45237	3.328	ug/l #	1

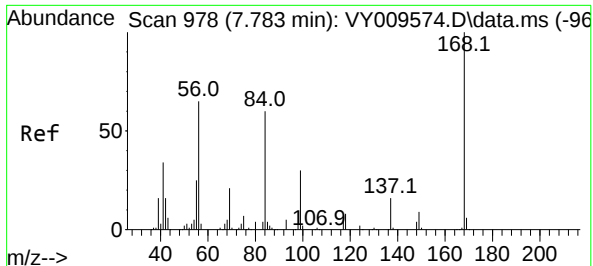
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
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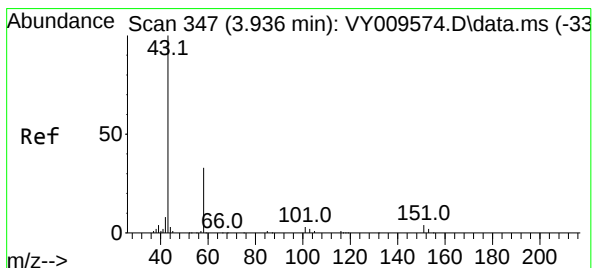
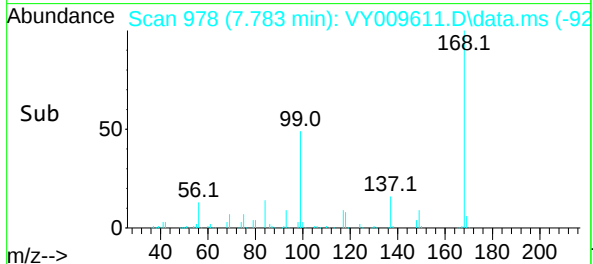
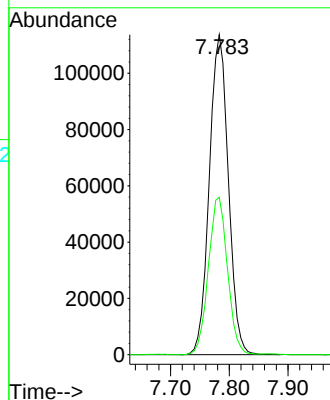
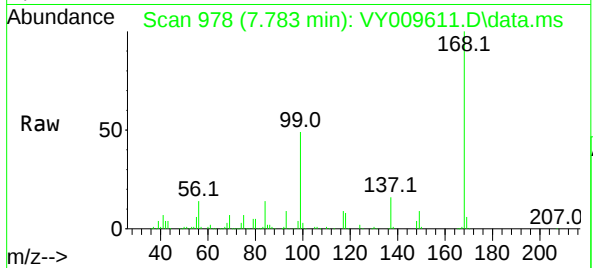




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

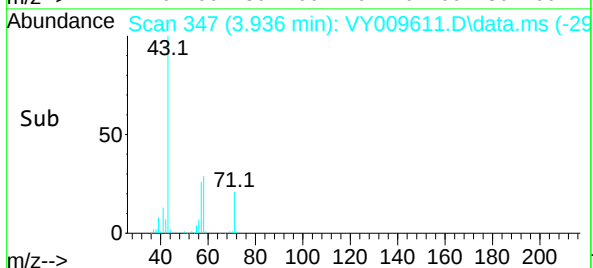
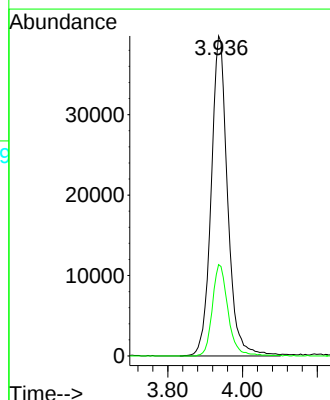
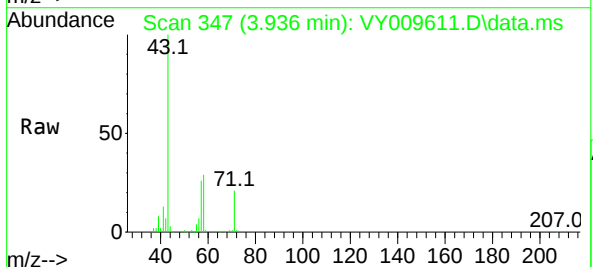
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

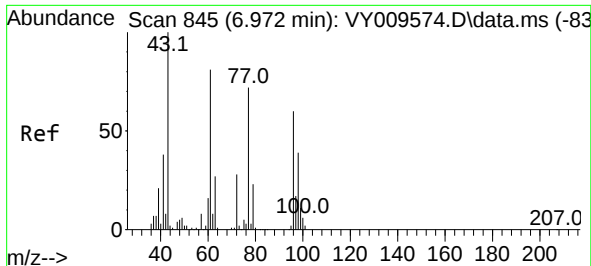
Tgt Ion:168 Resp: 255866
Ion Ratio Lower Upper
168 100
99 49.2 46.9 70.3



#16
Acetone
Concen: 198.304 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 43 Resp: 121392
Ion Ratio Lower Upper
43 100
58 28.6 22.0 33.0

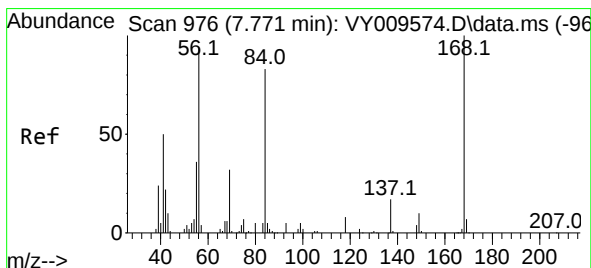
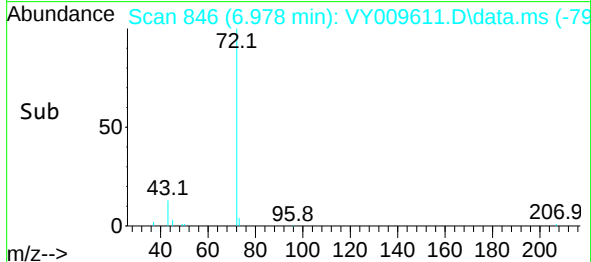
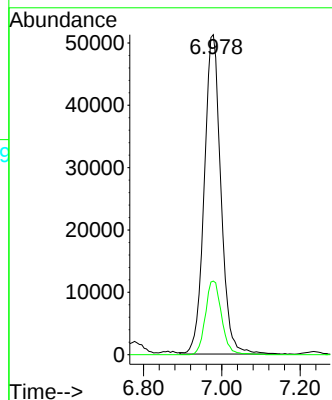
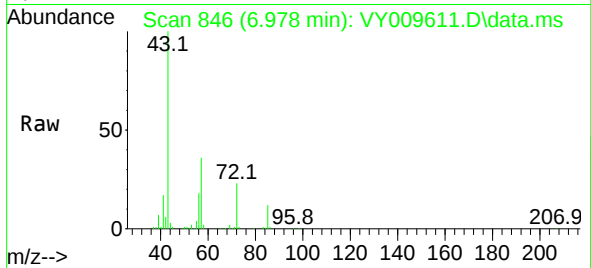




#25
2-Butanone
Concen: 168.853 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

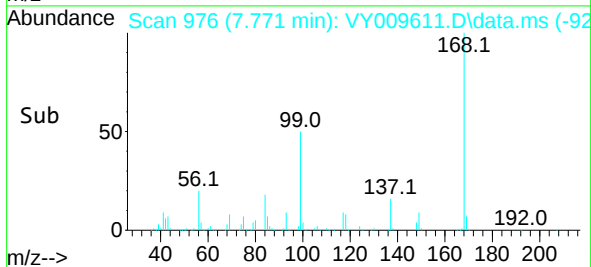
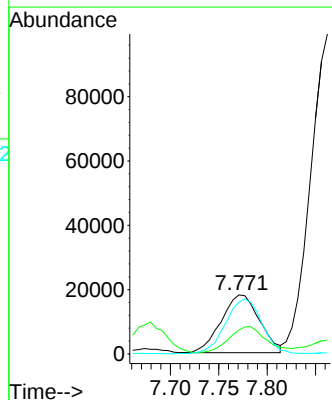
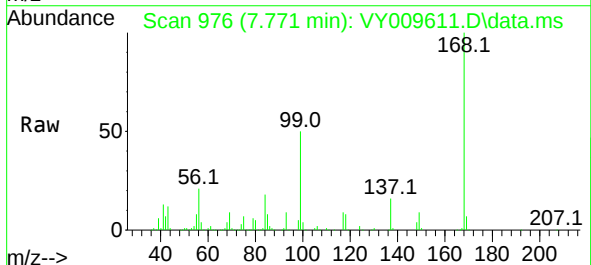
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

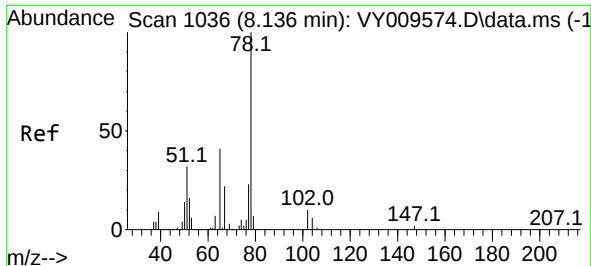
Tgt Ion: 43 Resp: 150775
Ion Ratio Lower Upper
43 100
72 23.1 17.7 26.5



#31
Cyclohexane
Concen: 11.638 ug/l
RT: 7.771 min Scan# 976
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 56 Resp: 49660
Ion Ratio Lower Upper
56 100
69 31.4 26.7 40.1
84 89.1 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 44.153 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009611.D

Acq: 20 Jul 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

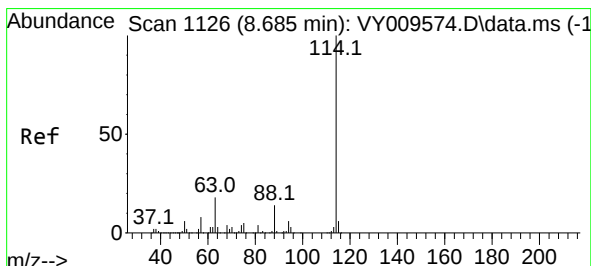
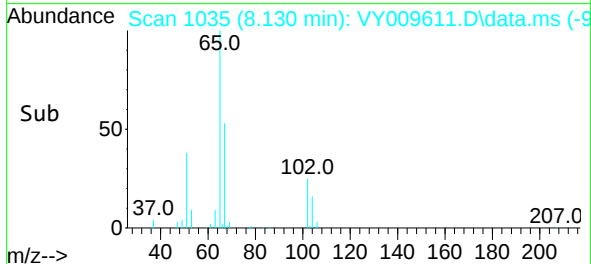
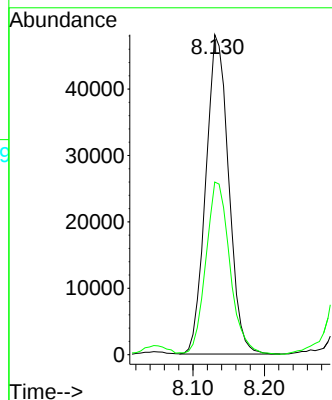
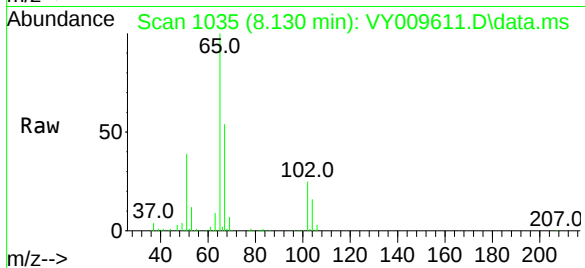
SED-3-(18-24)

Tgt Ion: 65 Resp: 106844

Ion Ratio Lower Upper

65 100

67 56.7 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: VY009611.D

Acq: 20 Jul 2022 14:44

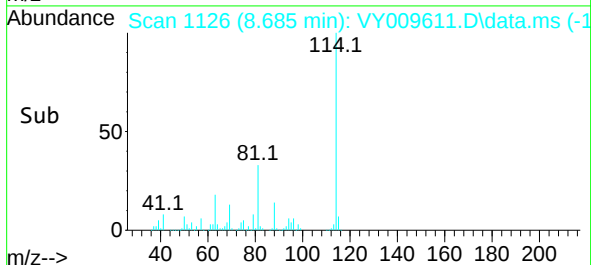
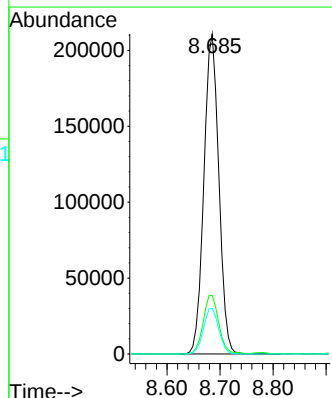
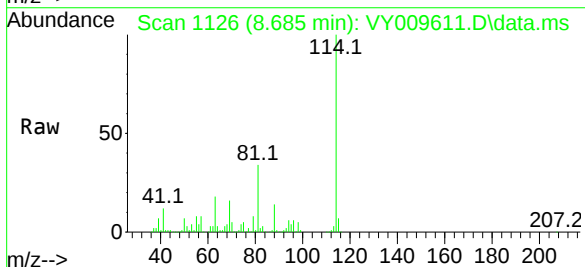
Tgt Ion: 114 Resp: 411470

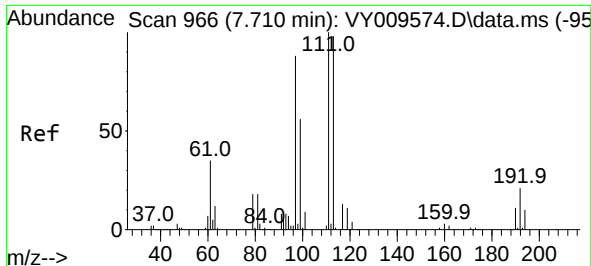
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.3 0.0 31.8

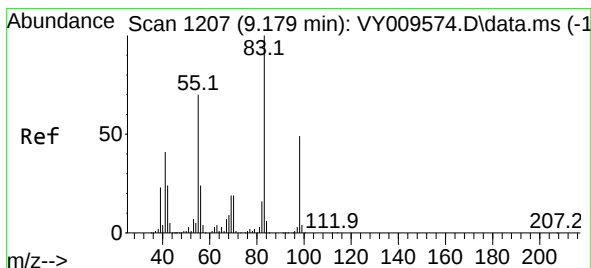
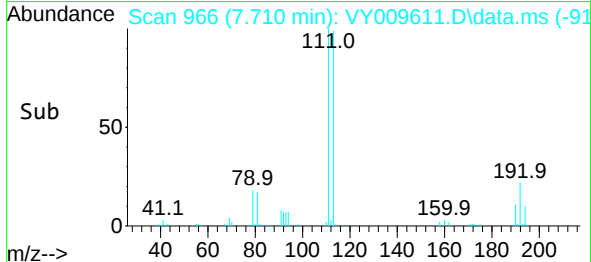
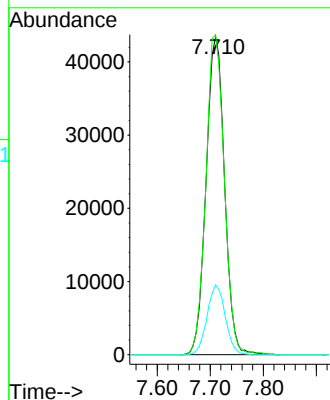
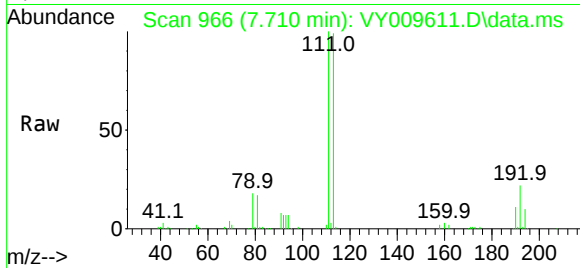




#35
Dibromofluoromethane
Concen: 40.495 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

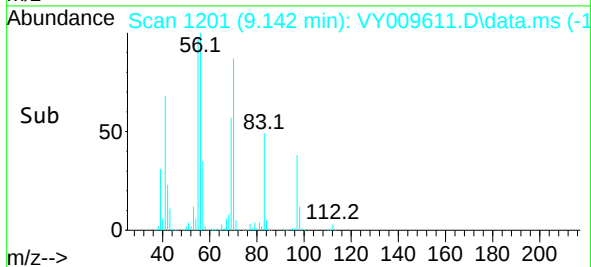
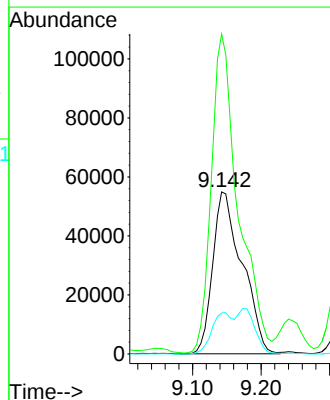
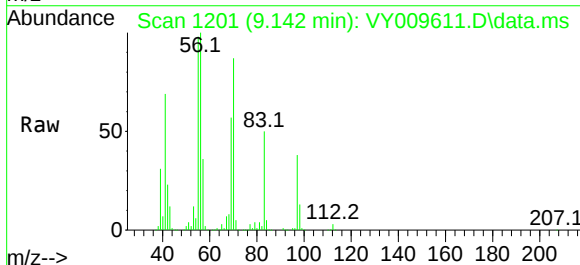
Instrument :
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SED-3-(18-24)

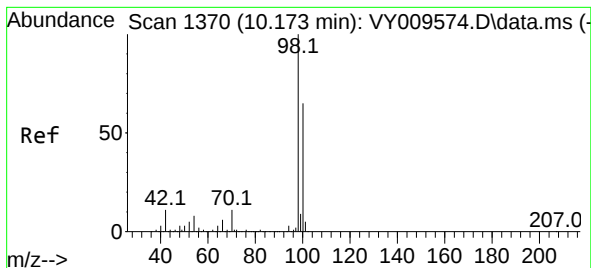
Tgt Ion:113 Resp: 104974
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 21.6 17.6 26.4



#39
Methylcyclohexane
Concen: 34.705 ug/l
RT: 9.142 min Scan# 1201
Delta R.T. -0.037 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 83 Resp: 163922
Ion Ratio Lower Upper
83 100
55 196.9 66.5 99.7#
98 25.3 37.9 56.9#

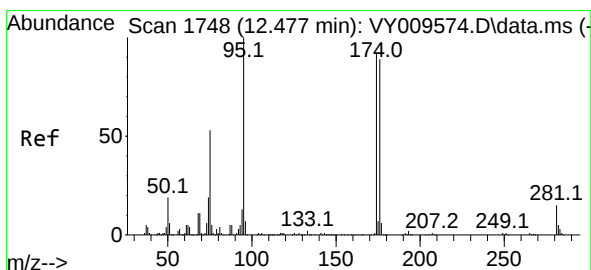
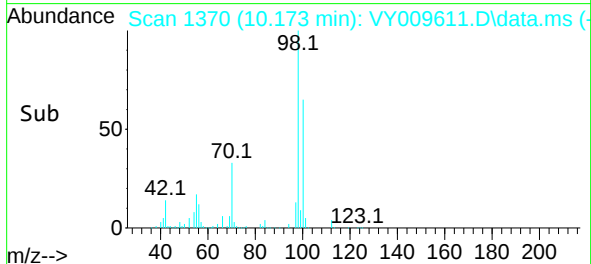
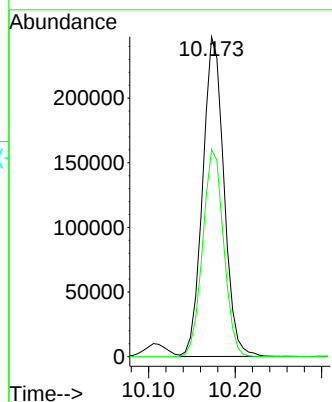
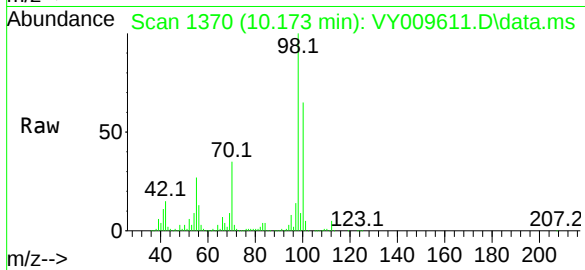




#50
Toluene-d8
Concen: 42.227 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

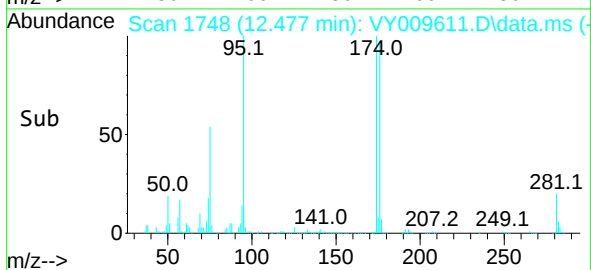
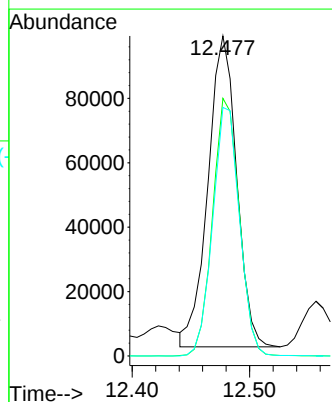
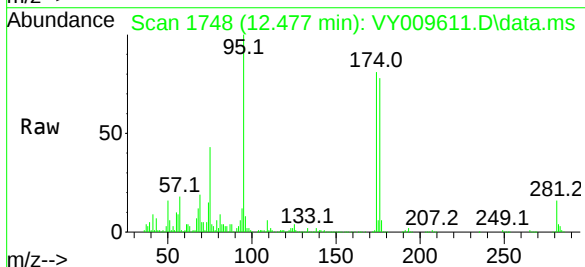
Instrument :
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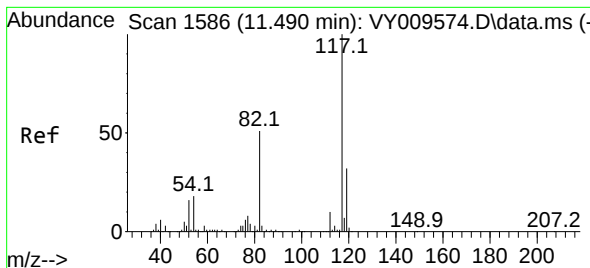
Tgt Ion: 98 Resp: 420810
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.614 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 95 Resp: 163436
Ion Ratio Lower Upper
95 100
174 77.1 0.0 177.0
176 75.0 0.0 175.8

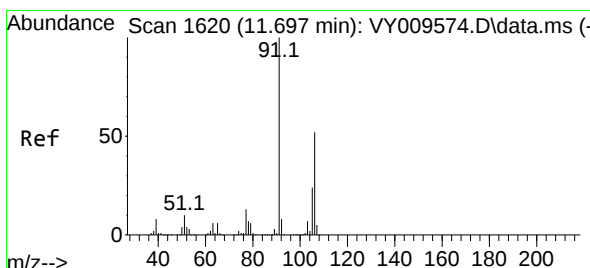
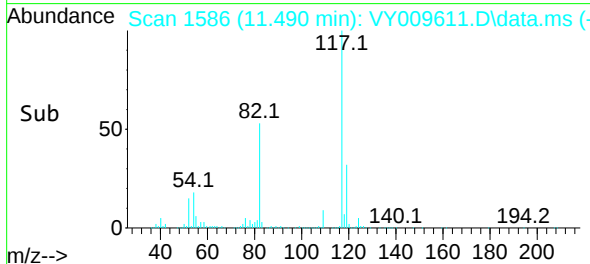
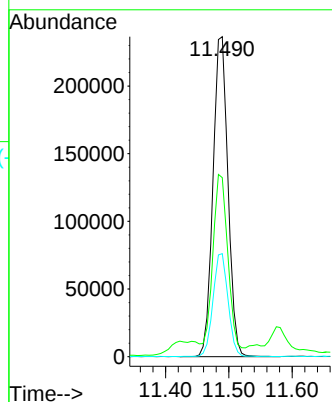
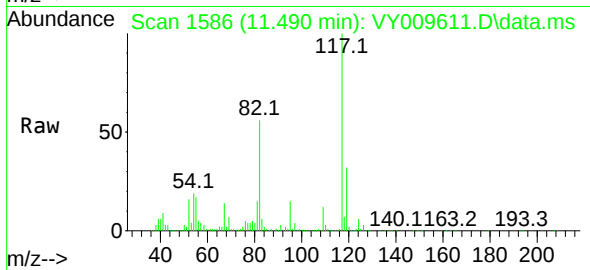




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

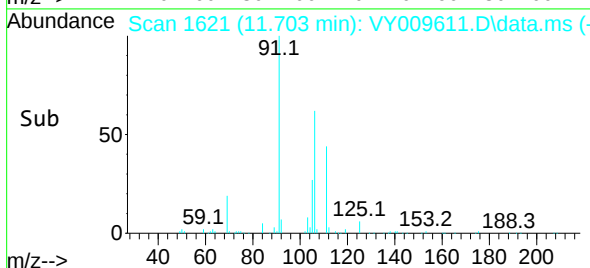
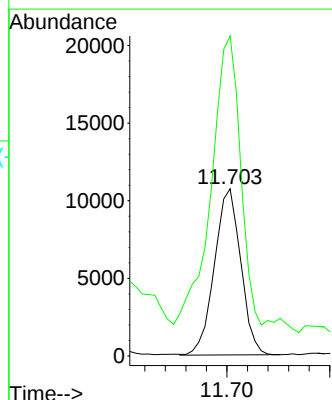
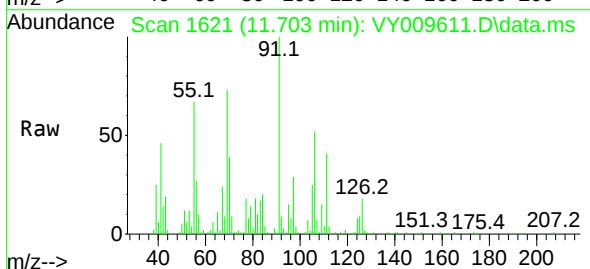
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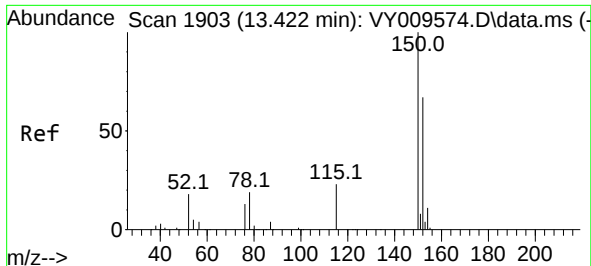
Tgt Ion:117 Resp: 389311
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.1 25.4 38.0



#68
m/p-Xylenes
Concen: 3.415 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion:106 Resp: 19019
Ion Ratio Lower Upper
106 100
91 211.1 166.6 249.8

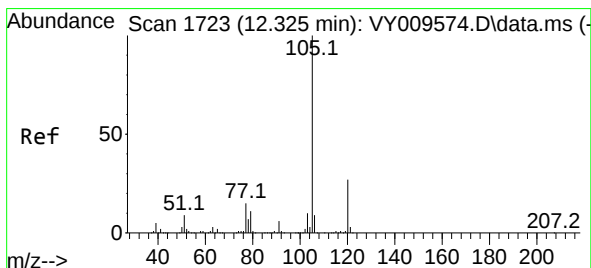
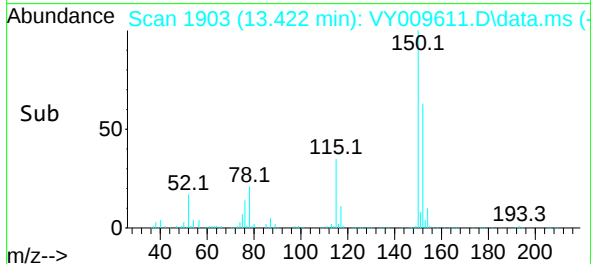
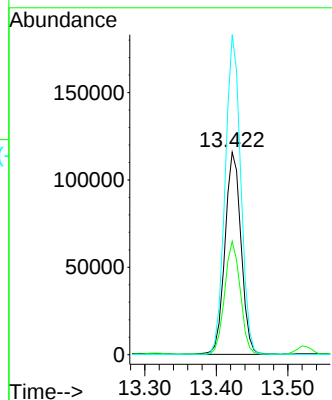
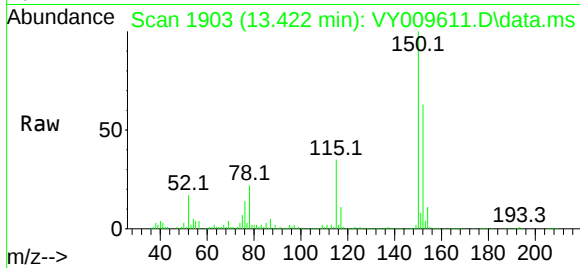




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

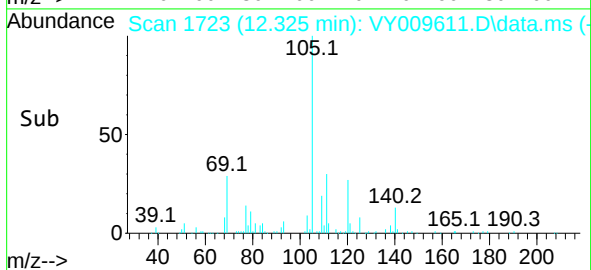
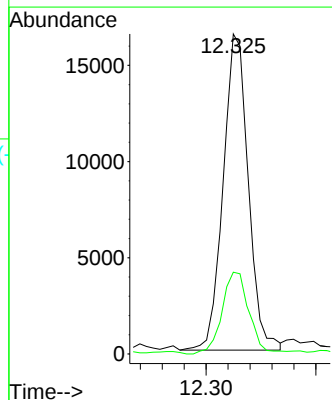
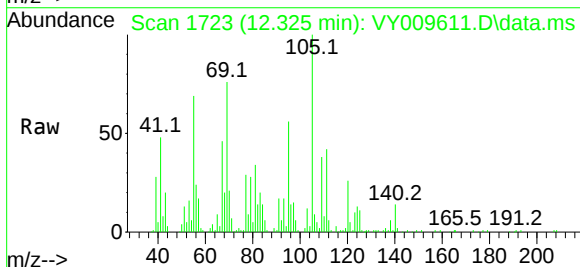
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

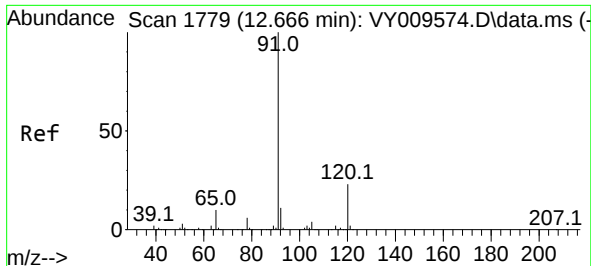
Tgt Ion:152 Resp: 180394
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 153.2 0.0 347.6



#73
Isopropylbenzene
Concen: 2.093 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion:105 Resp: 26144
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2

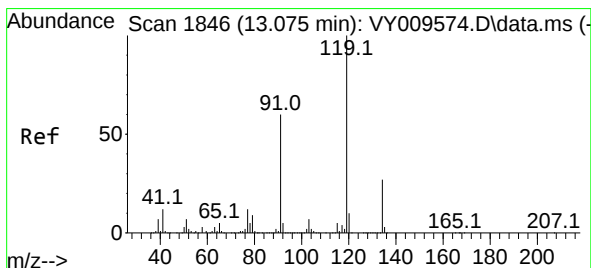
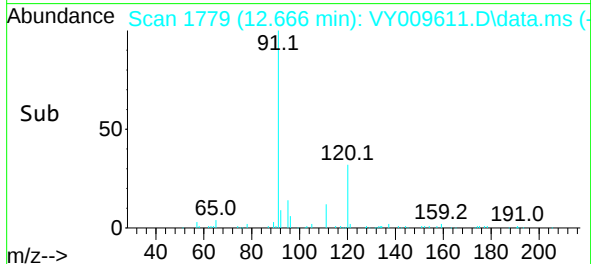
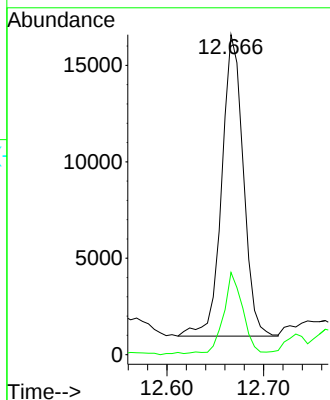
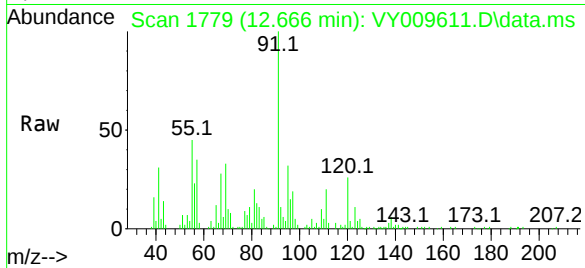




#78
n-propylbenzene
Concen: 1.602 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

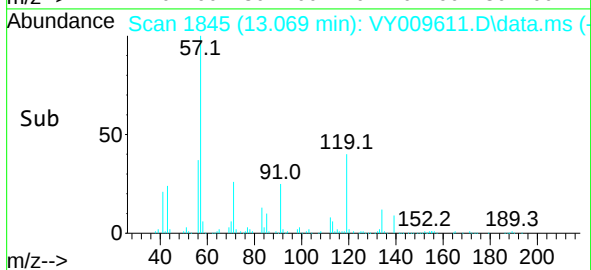
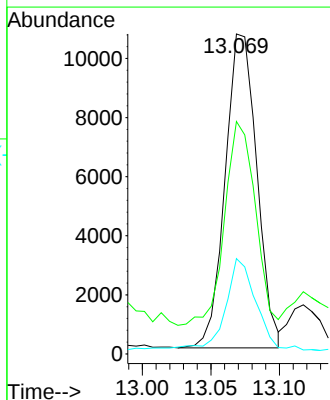
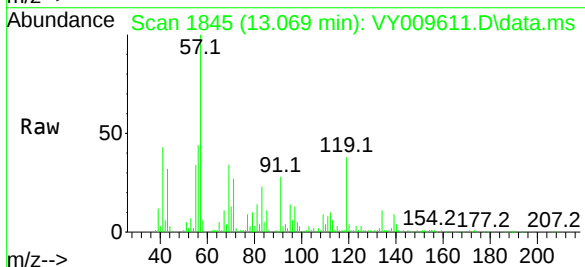
Instrument :
MSVOA_Y
ClientSampleId :
SED-3-(18-24)

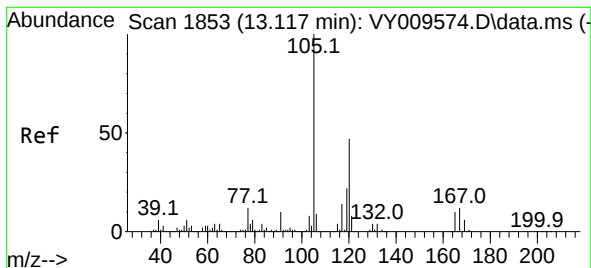
Tgt Ion: 91 Resp: 24185
Ion Ratio Lower Upper
91 100
120 23.7 11.3 33.9



#83
tert-Butylbenzene
Concen: 1.869 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY009611.D
Acq: 20 Jul 2022 14:44

Tgt Ion: 119 Resp: 17135
Ion Ratio Lower Upper
119 100
91 62.2 34.8 104.4
134 29.2 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 1.572 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009611.D

Acq: 20 Jul 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

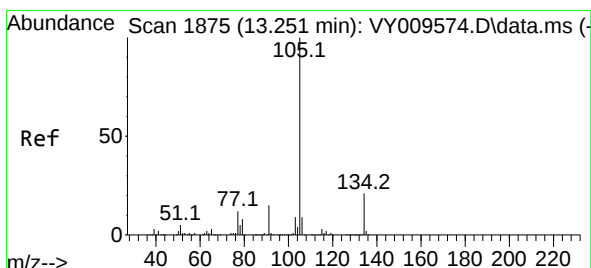
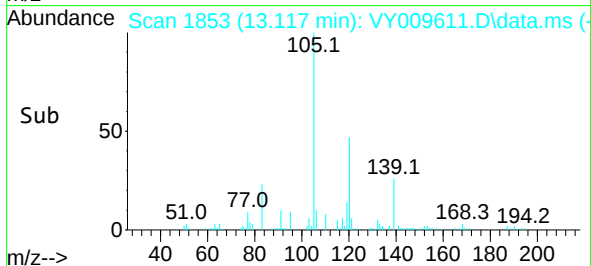
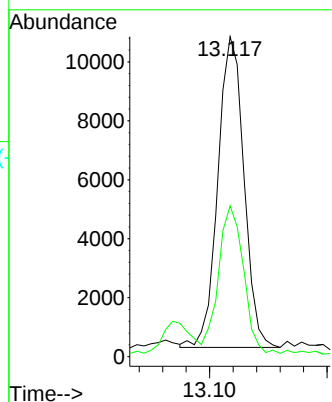
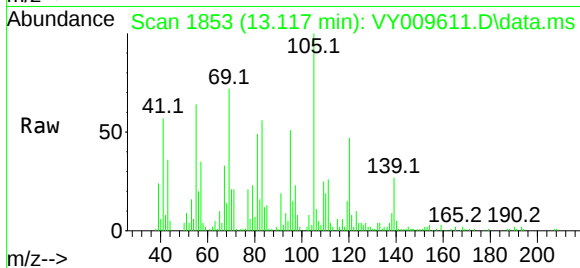
SED-3-(18-24)

Tgt Ion:105 Resp: 16230

Ion Ratio Lower Upper

105 100

120 45.3 22.3 66.9



#85

sec-Butylbenzene

Concen: 3.328 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009611.D

Acq: 20 Jul 2022 14:44

Tgt Ion:105 Resp: 45237

Ion Ratio Lower Upper

105 100

134 89.6 10.2 30.4#

