

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009593.D
 Acq On : 19 Jul 2022 16:39
 Operator : KP/MD
 Sample : N3651-04
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-2-(18-24)

Quant Time: Jul 20 02:44:42 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)

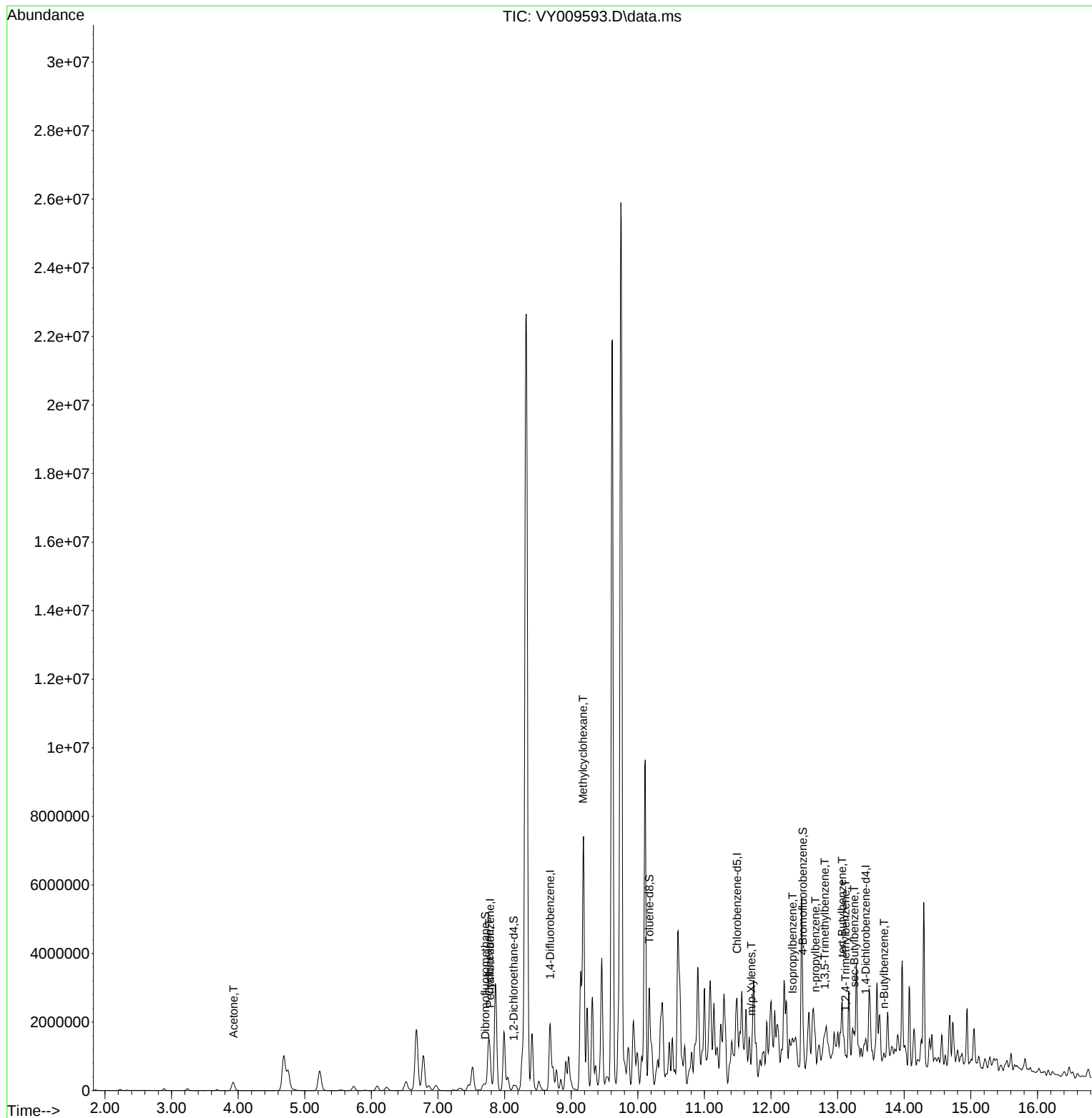
Internal Standards						
1) Pentafluorobenzene	7.783	168	257811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	423301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	399570	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	193061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110925	45.493	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.980%
35) Dibromofluoromethane	7.710	113	105427	39.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.060%
50) Toluene-d8	10.173	98	484971	47.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.477	95	229113	68.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	137.940%
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	166179	269.419	ug/l #	64
31) Cyclohexane	7.771	56	547845	127.426	ug/l #	91
39) Methylcyclohexane	9.179	83	1136835	233.960	ug/l #	67
68) m/p-Xylenes	11.703	106	12735	2.228	ug/l #	62
73) Isopropylbenzene	12.325	105	201272	15.057	ug/l	99
78) n-propylbenzene	12.666	91	369934	22.903	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	21386	1.936	ug/l	92
83) tert-Butylbenzene	13.069	119	22527	2.296	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	25666	2.324	ug/l	97
85) sec-Butylbenzene	13.251	105	209197	14.379	ug/l #	39
89) n-Butylbenzene	13.696	91	103389	9.259	ug/l	92

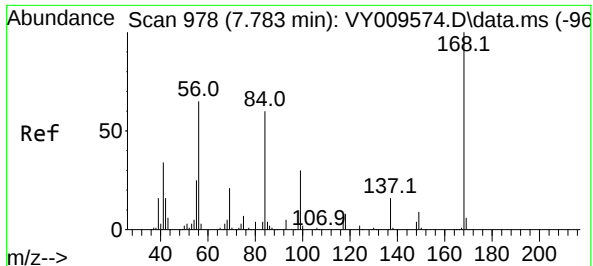
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009593.D
Acq On : 19 Jul 2022 16:39
Operator : KP/MD
Sample : N3651-04
Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

Quant Time: Jul 20 02:44:42 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

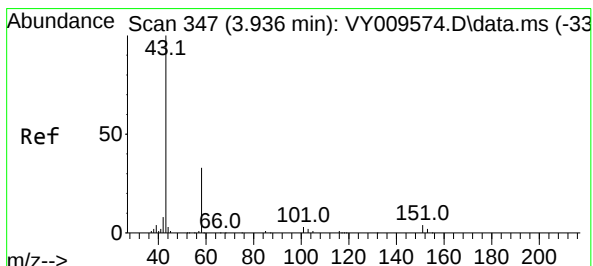
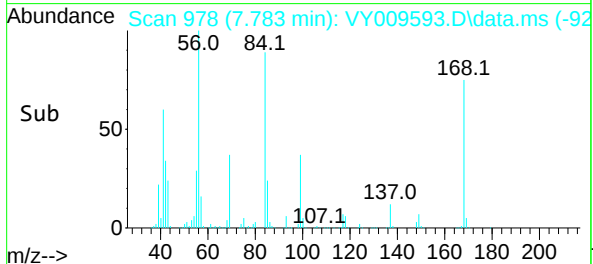
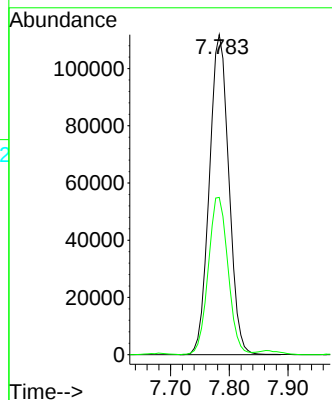
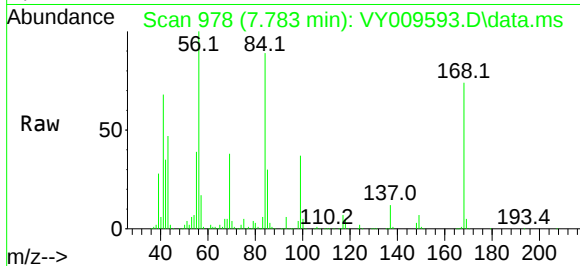




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

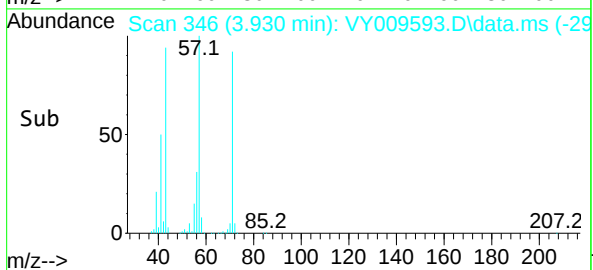
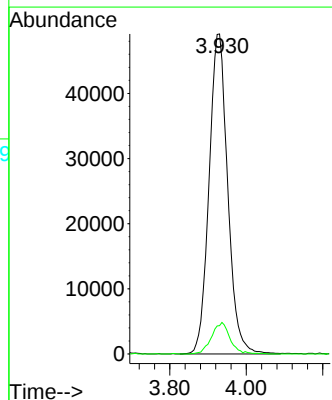
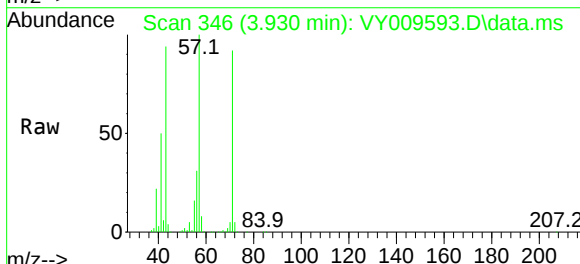
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

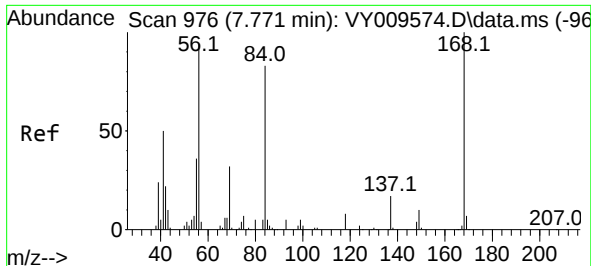
Tgt Ion:168 Resp: 257811
Ion Ratio Lower Upper
168 100
99 49.1 46.9 70.3



#16
Acetone
Concen: 269.419 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 43 Resp: 166179
Ion Ratio Lower Upper
43 100
58 8.9 22.0 33.0#

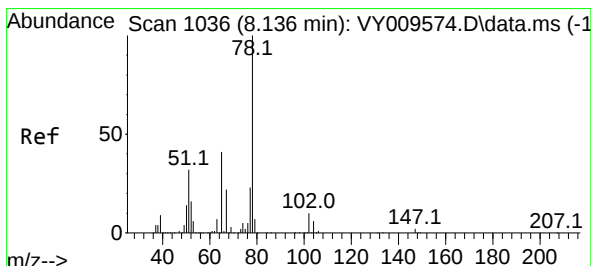
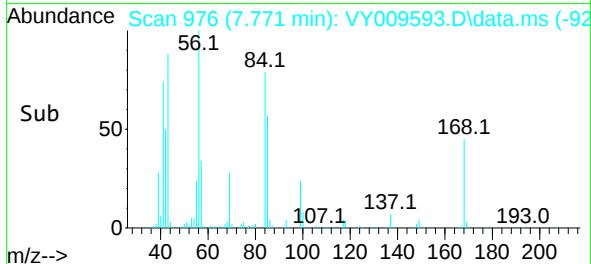
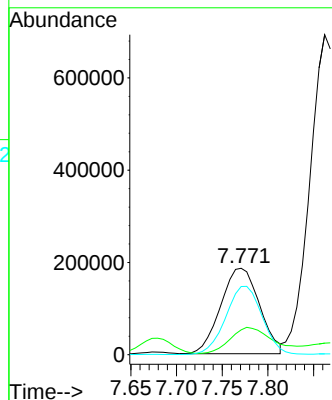
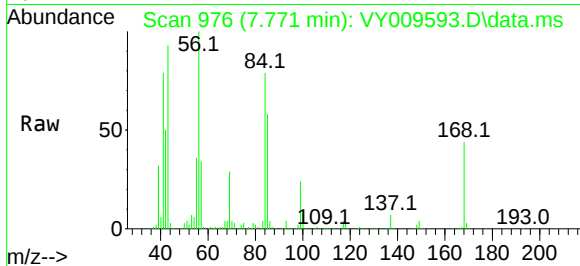




#31
Cyclohexane
Concen: 127.426 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

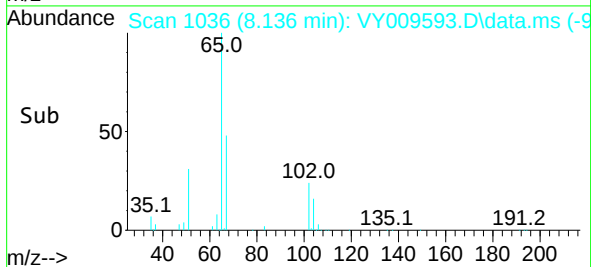
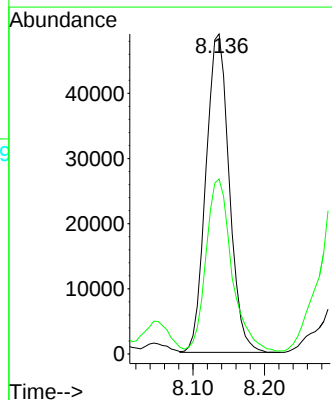
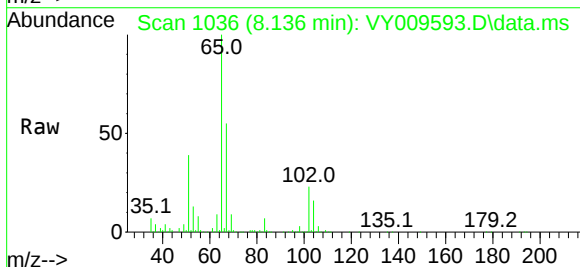
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

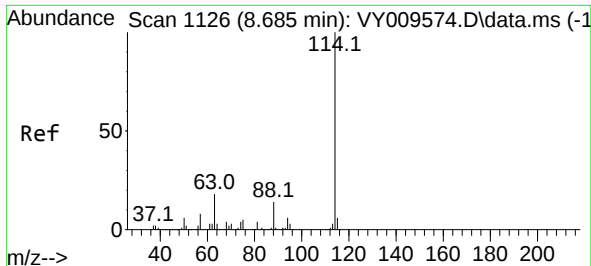
Tgt Ion: 56 Resp: 547845
Ion Ratio Lower Upper
56 100
69 22.4 26.7 40.1#
84 79.6 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 45.493 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 65 Resp: 110925
Ion Ratio Lower Upper
65 100
67 59.1 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: VY009593.D

Acq: 19 Jul 2022 16:39

Instrument :

MSVOA_Y

ClientSampleId :

SED-2-(18-24)

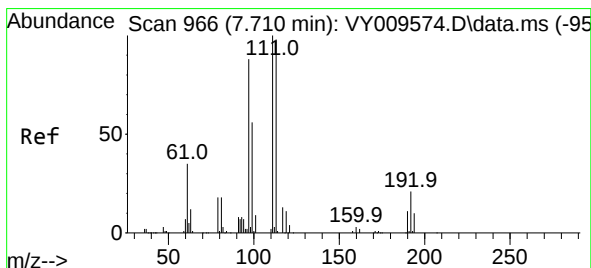
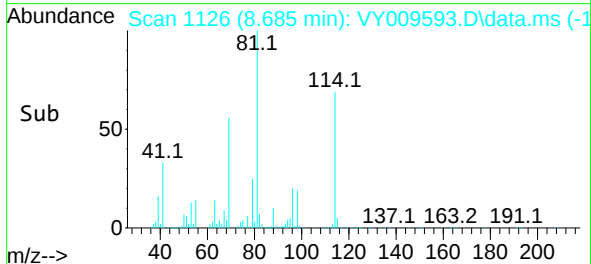
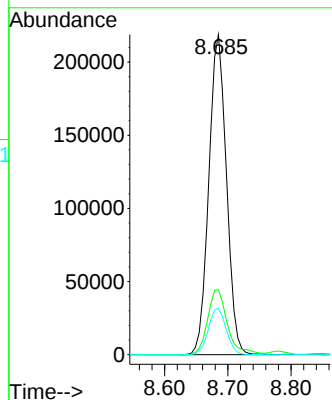
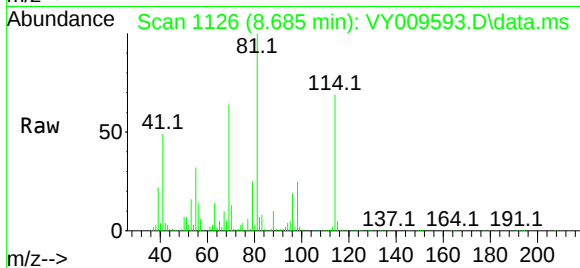
Tgt Ion:114 Resp: 423301

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.533 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009593.D

Acq: 19 Jul 2022 16:39

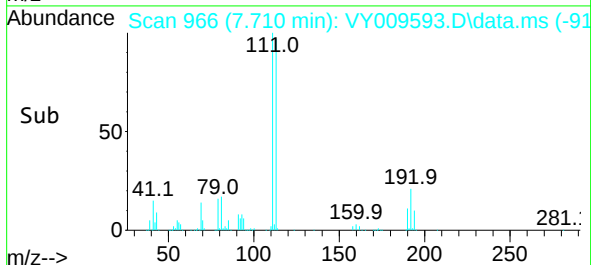
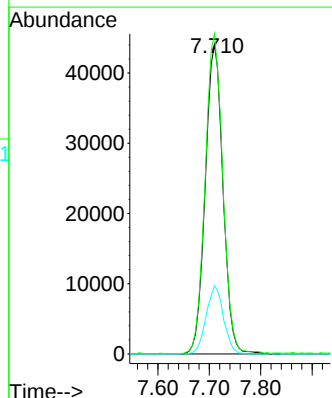
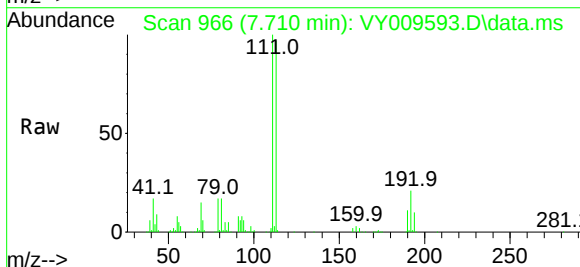
Tgt Ion:113 Resp: 105427

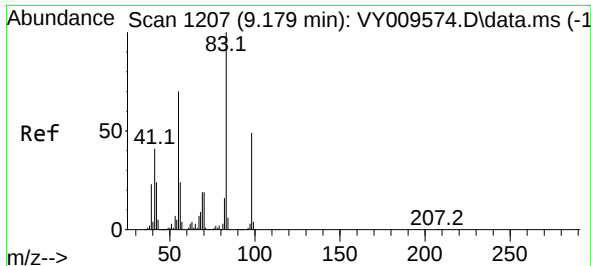
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 21.6 17.6 26.4





#39

Methylcyclohexane

Concen: 233.960 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009593.D

Acq: 19 Jul 2022 16:39

Instrument :

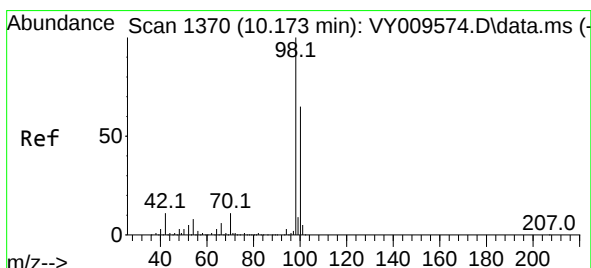
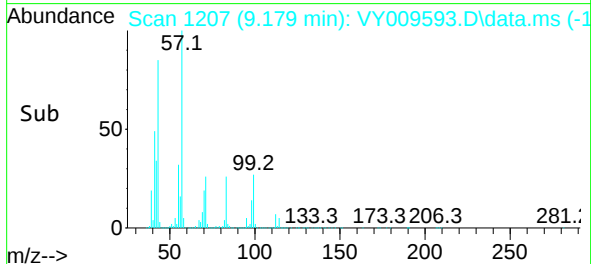
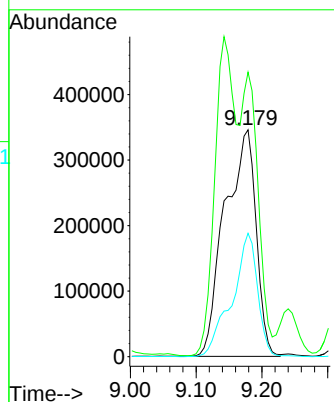
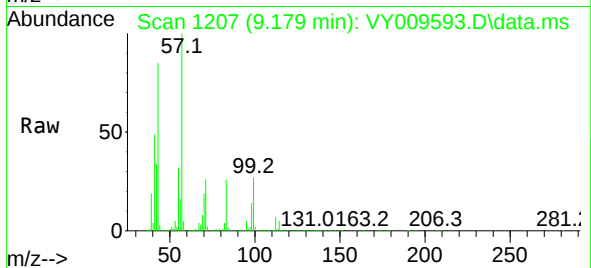
MSVOA_Y

ClientSampleId :

SED-2-(18-24)

Tgt Ion: 83 Resp: 1136835

Ion	Ratio	Lower	Upper
83	100		
55	125.1	66.5	99.7#
98	54.4	37.9	56.9



#50

Toluene-d8

Concen: 47.305 ug/l

RT: 10.173 min Scan# 1370

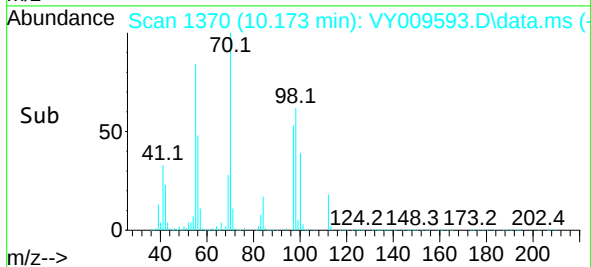
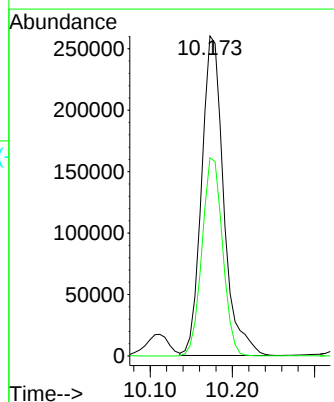
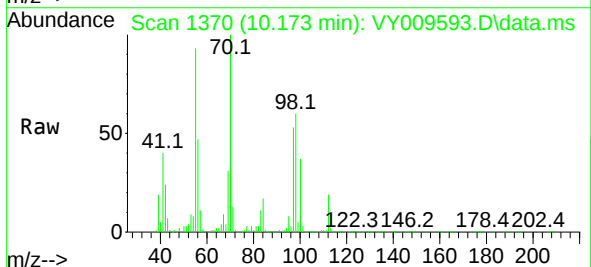
Delta R.T. 0.000 min

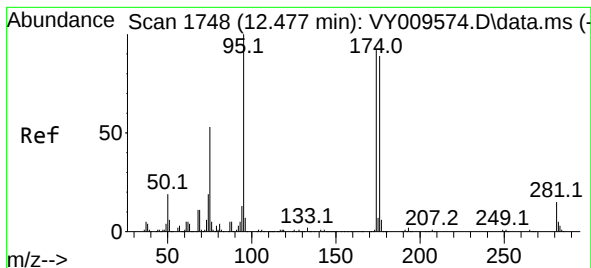
Lab File: VY009593.D

Acq: 19 Jul 2022 16:39

Tgt Ion: 98 Resp: 484971

Ion	Ratio	Lower	Upper
98	100		
100	58.0	50.2	75.2

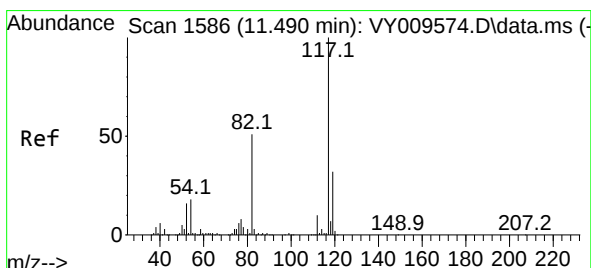
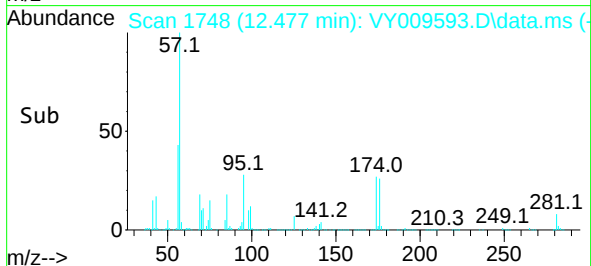
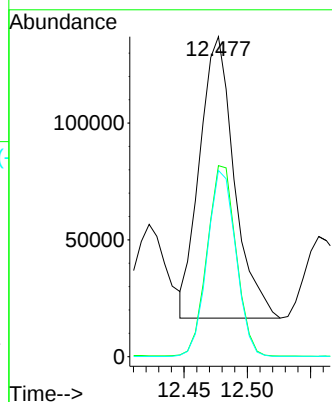
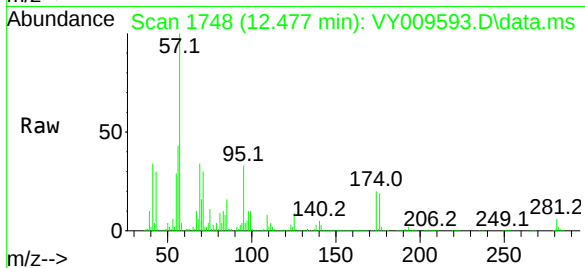




#62
4-Bromofluorobenzene
Concen: 68.970 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

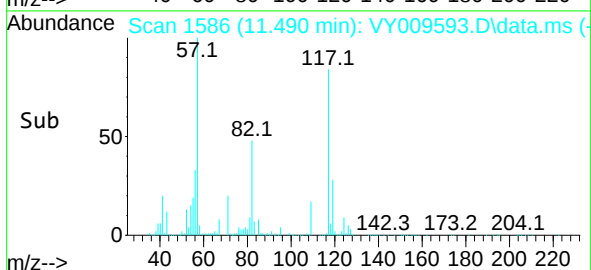
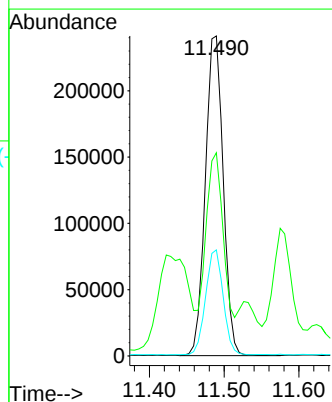
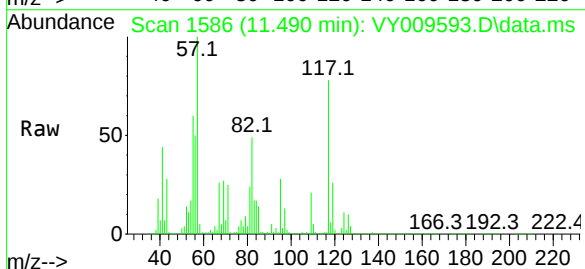
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

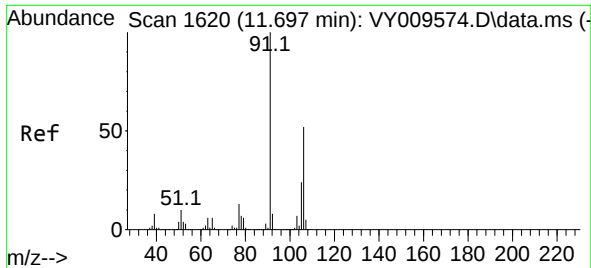
Tgt Ion: 95 Resp: 229113
Ion Ratio Lower Upper
95 100
174 56.9 0.0 177.0
176 54.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 117 Resp: 399570
Ion Ratio Lower Upper
117 100
82 33.3 43.0 64.4#
119 32.8 25.4 38.0

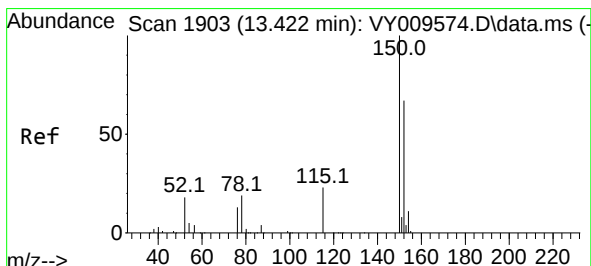
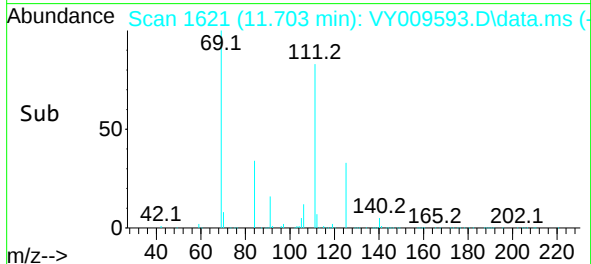
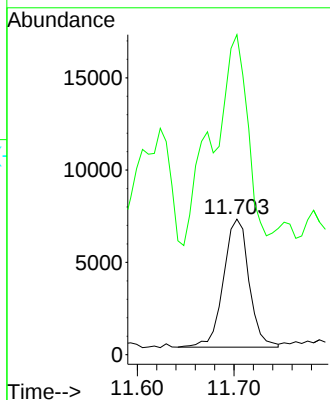
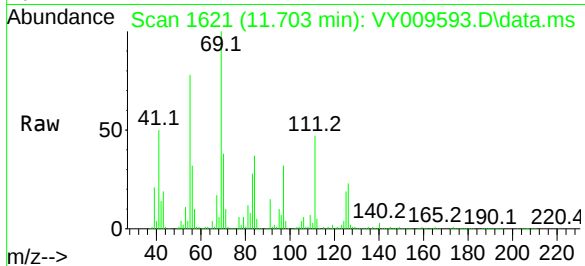




#68
m/p-Xylenes
Concen: 2.228 ug/l
RT: 11.703 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

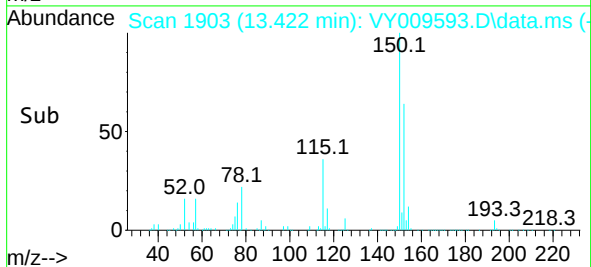
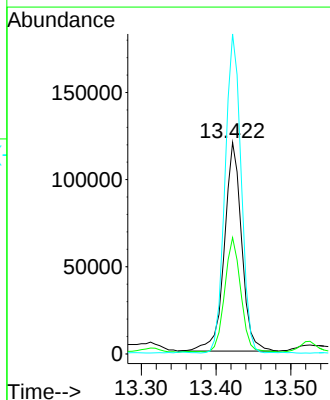
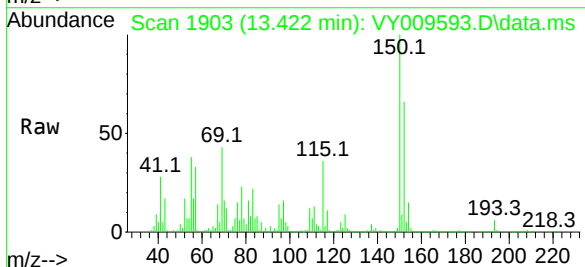
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

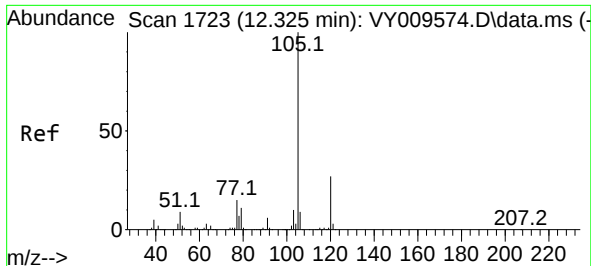
Tgt Ion:106 Resp: 12735
Ion Ratio Lower Upper
106 100
91 149.9 166.6 249.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion:152 Resp: 193061
Ion Ratio Lower Upper
152 100
115 50.6 28.2 84.7
150 142.4 0.0 347.6

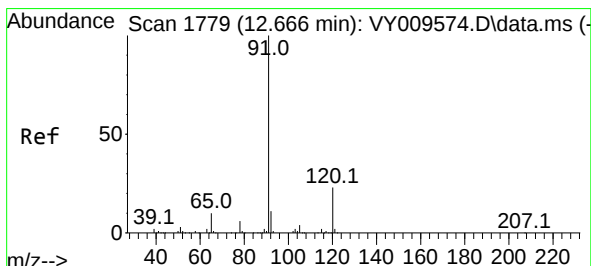
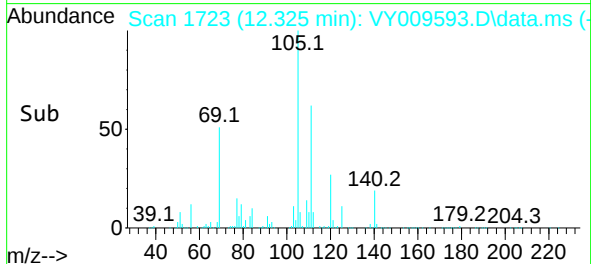
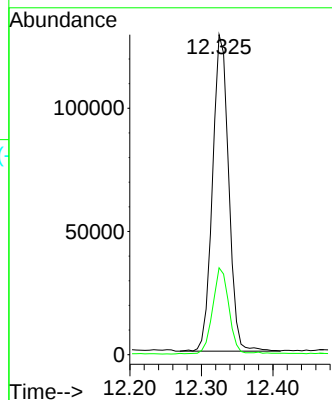
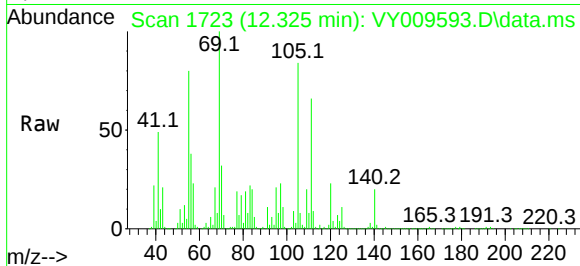




#73
Isopropylbenzene
Concen: 15.057 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

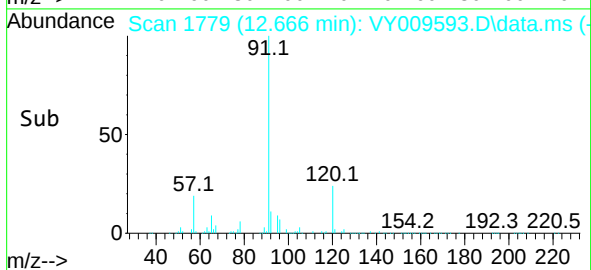
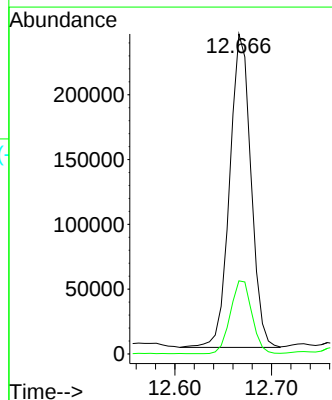
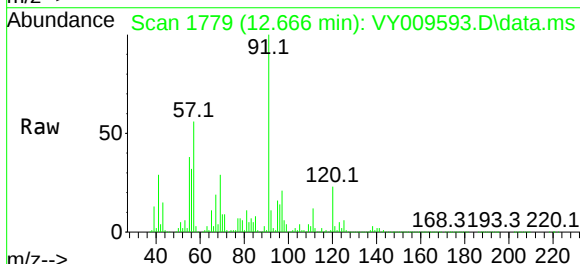
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

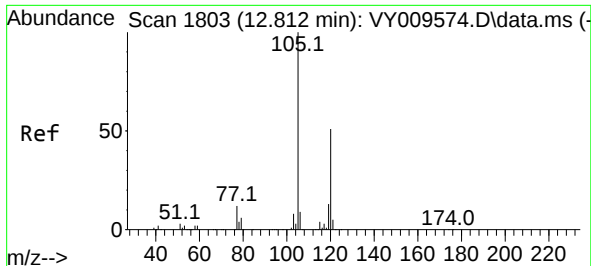
Tgt Ion:105 Resp: 201272
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2



#78
n-propylbenzene
Concen: 22.903 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion: 91 Resp: 369934
Ion Ratio Lower Upper
91 100
120 23.5 11.3 33.9

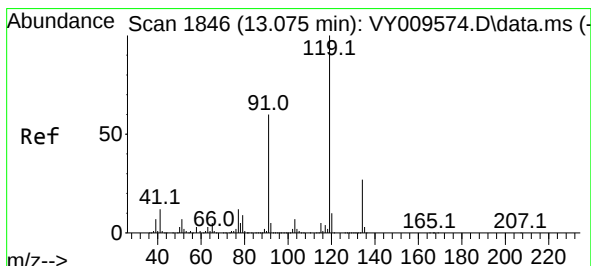
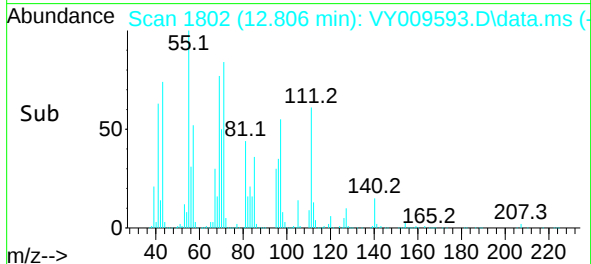
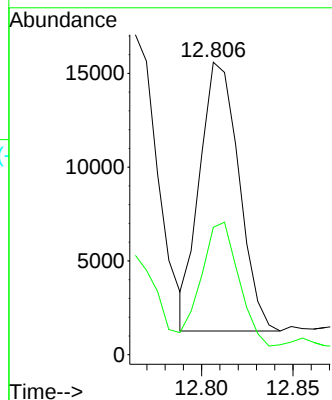
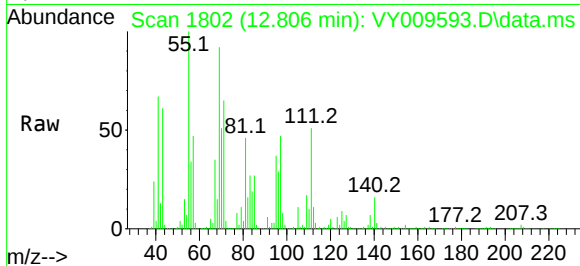




#80
1,3,5-Trimethylbenzene
Concen: 1.936 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

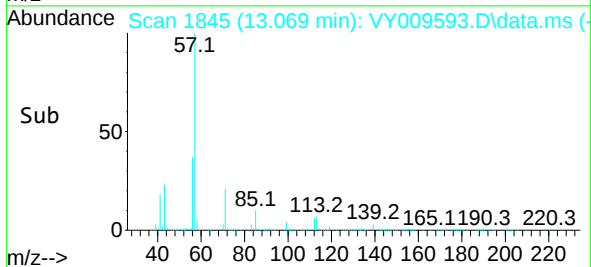
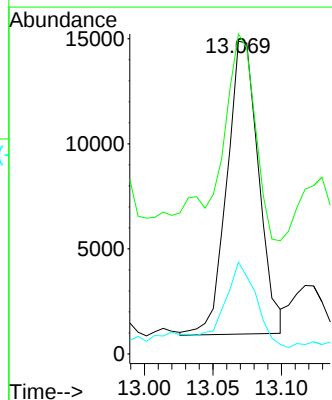
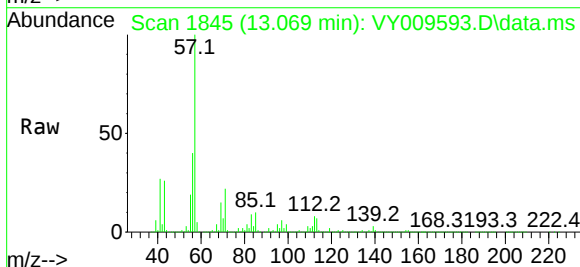
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

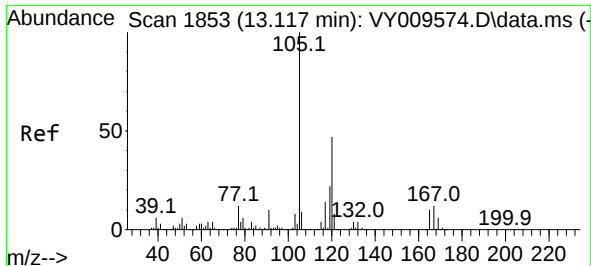
Tgt Ion:105 Resp: 21386
Ion Ratio Lower Upper
105 100
120 43.3 24.4 73.4



#83
tert-Butylbenzene
Concen: 2.296 ug/l
RT: 13.069 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion:119 Resp: 22527
Ion Ratio Lower Upper
119 100
91 76.8 34.8 104.4
134 29.4 13.3 39.9

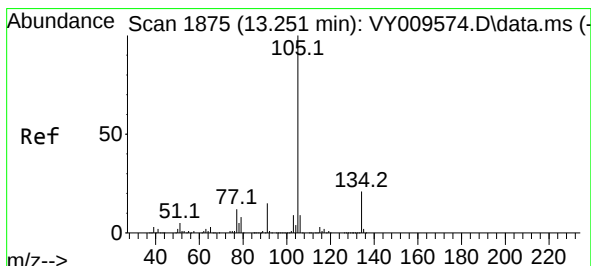
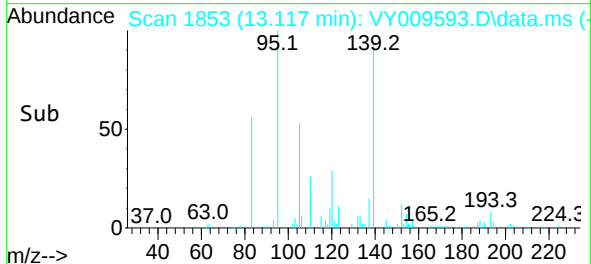
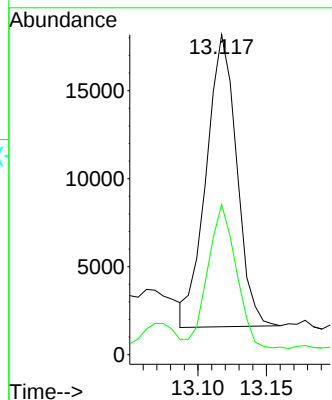
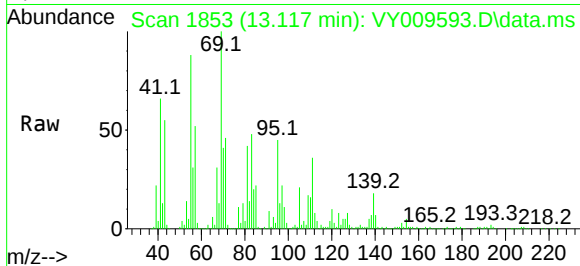




#84
1,2,4-Trimethylbenzene
Concen: 2.324 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

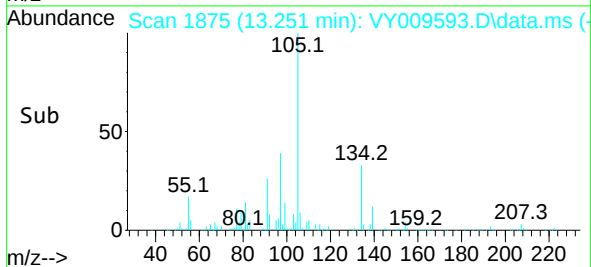
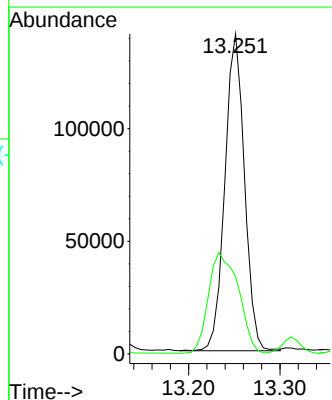
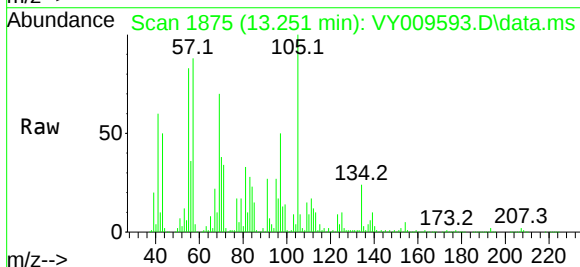
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(18-24)

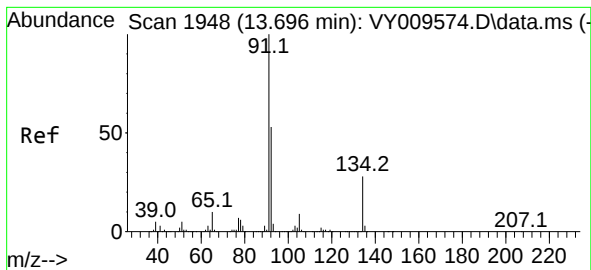
Tgt Ion:105 Resp: 25666
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9



#85
sec-Butylbenzene
Concen: 14.379 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY009593.D
Acq: 19 Jul 2022 16:39

Tgt Ion:105 Resp: 209197
Ion Ratio Lower Upper
105 100
134 48.5 10.2 30.4#





#89
 n-Butylbenzene
 Concen: 9.259 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY009593.D
 Acq: 19 Jul 2022 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-2-(18-24)

Tgt Ion:	91	Resp:	103389
Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.3	78.9
134	37.5	13.0	38.9

