

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006024.D
 Acq On : 15 Sep 2021 15:18
 Operator : SY/MD
 Sample : M3733-04
 Misc : 6.43G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SUP-UST-02-(7-10)

Quant Time: Sep 16 01:22:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

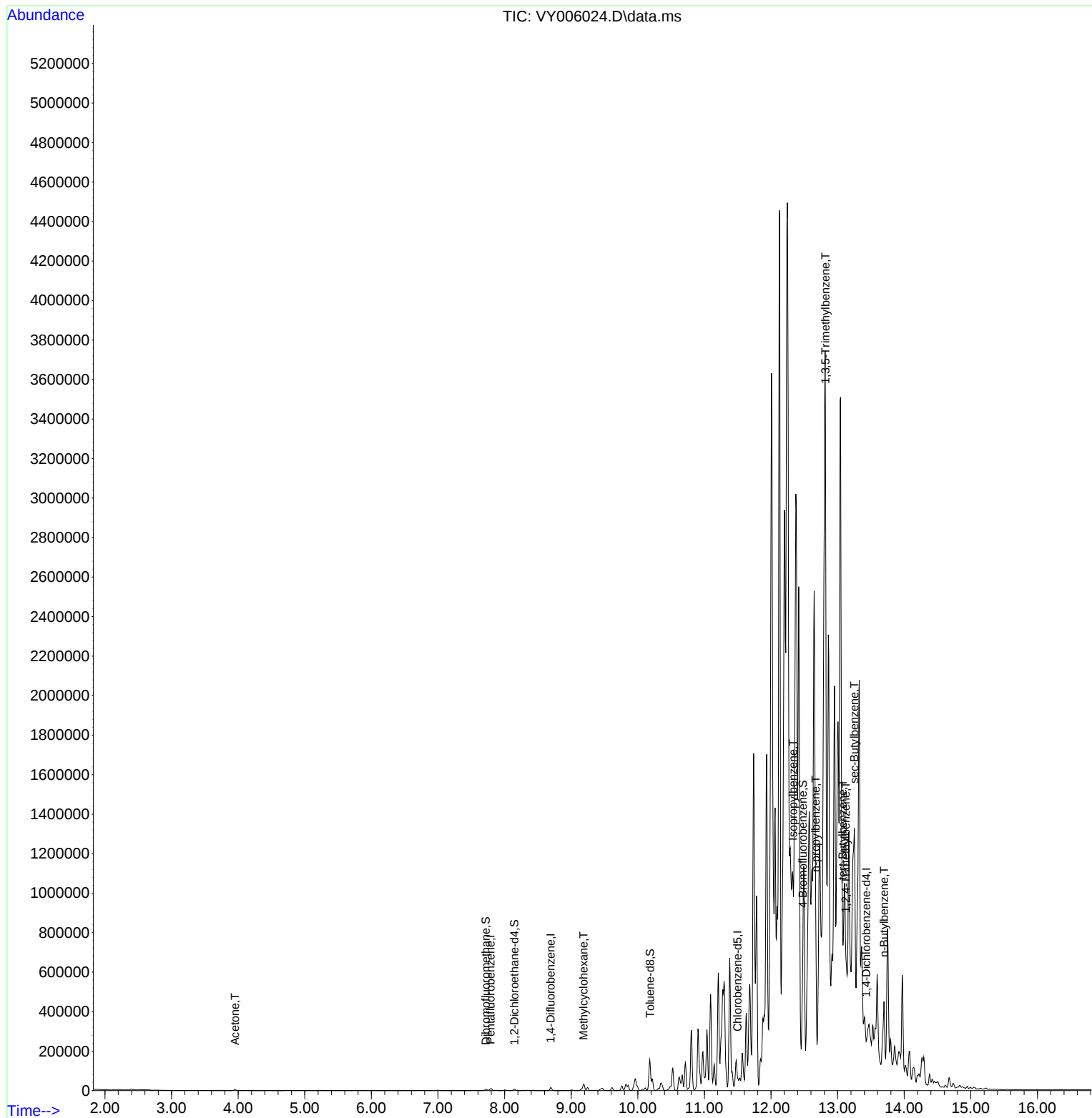
Internal Standards						
1) Pentafluorobenzene	7.789	168	7580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	14160	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15023	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	6136	58.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.560%	
35) Dibromofluoromethane	7.716	113	4562	57.751	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.500%	
50) Toluene-d8	10.185	98	23619	70.154	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 140.300%#	
62) 4-Bromofluorobenzene	12.477	95	74740	653.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 1307.700%#	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	7618	263.790	ug/l	91
39) Methylcyclohexane	9.185	83	9247	54.351	ug/l	88
73) Isopropylbenzene	12.331	105	64366	54.714	ug/l	97
78) n-propylbenzene	12.672	91	297683	204.518	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	6907	7.079	ug/l	87
83) tert-Butylbenzene	13.074	119	52191	62.545	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	15652	16.170	ug/l	99
85) sec-Butylbenzene	13.251	105	330344	264.452	ug/l	# 62
89) n-Butylbenzene	13.696	91	169569	170.033	ug/l	91

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
Data File : VY006024.D
Acq On : 15 Sep 2021 15:18
Operator : SY/MD
Sample : M3733-04
Misc : 6.43G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(7-10)

Quant Time: Sep 16 01:22:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 15 05:01:47 2021
Response via : Initial Calibration

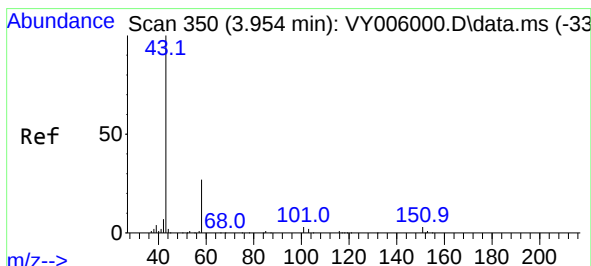
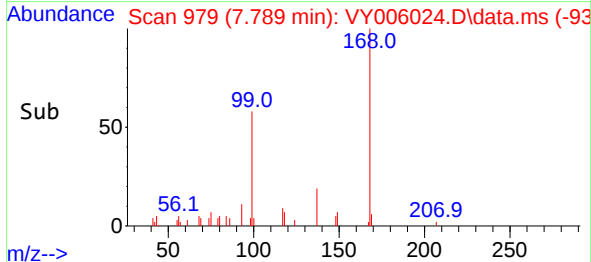
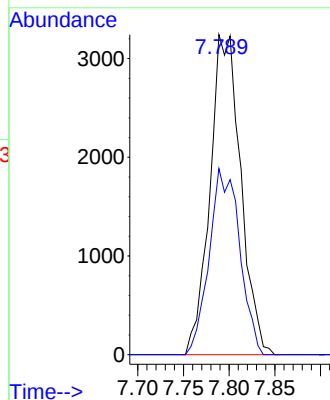
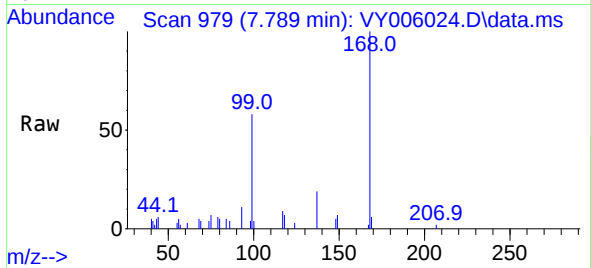




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

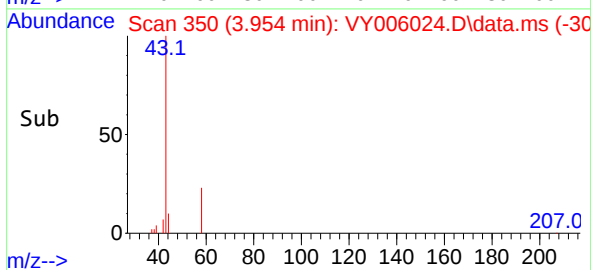
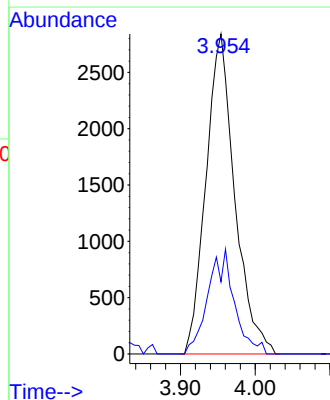
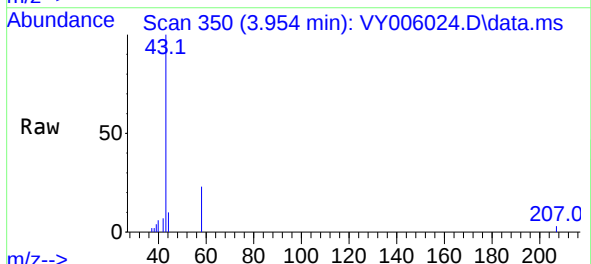
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(7-10)

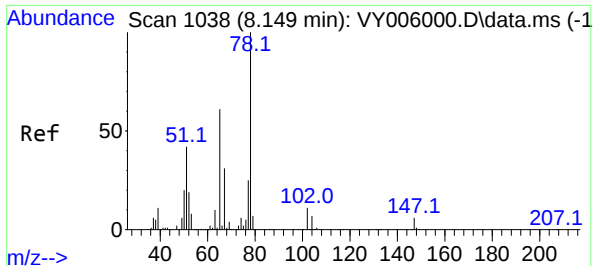
Tgt Ion:168 Resp: 7580
Ion Ratio Lower Upper
168 100
99 58.2 46.9 70.3



#16
Acetone
Concen: 263.790 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

Tgt Ion: 43 Resp: 7618
Ion Ratio Lower Upper
43 100
58 22.6 22.0 33.0

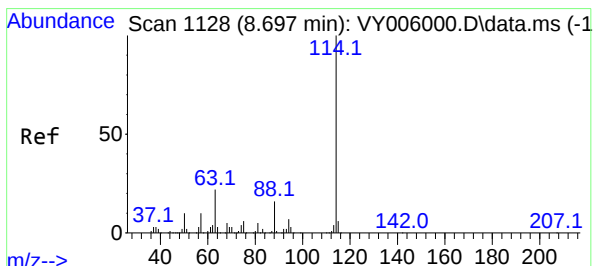
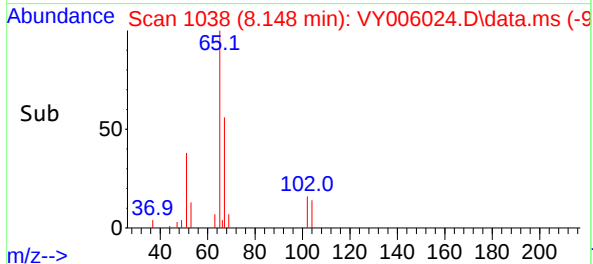
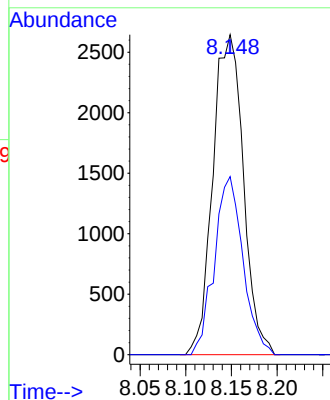
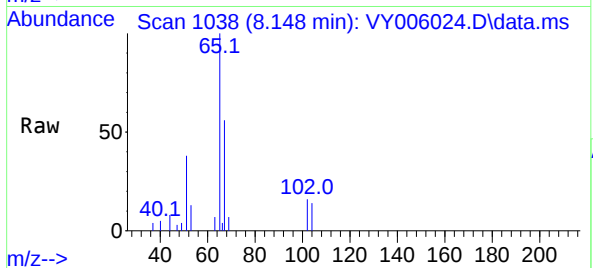




#33
1,2-Dichloroethane-d4
Concen: 58.277 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

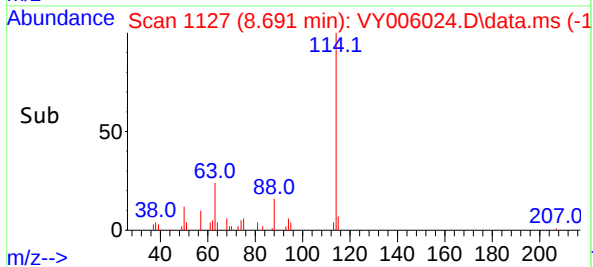
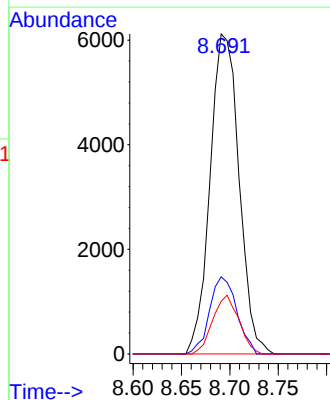
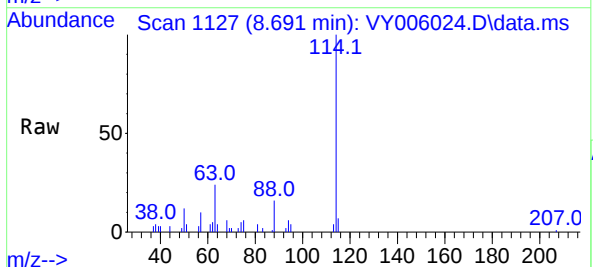
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(7-10)

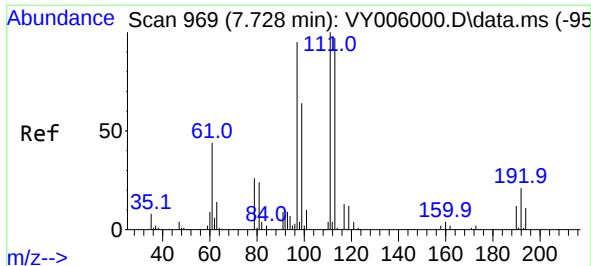
Tgt Ion: 65 Resp: 6136
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

Tgt Ion: 114 Resp: 12718
Ion Ratio Lower Upper
114 100
63 24.1 0.0 43.2
88 16.4 0.0 31.8

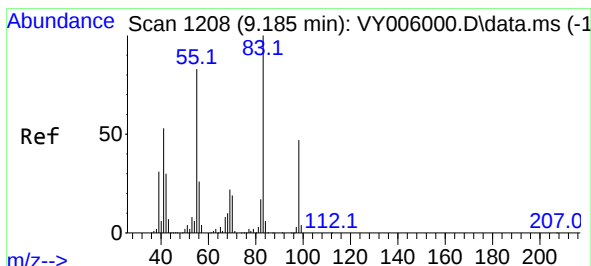
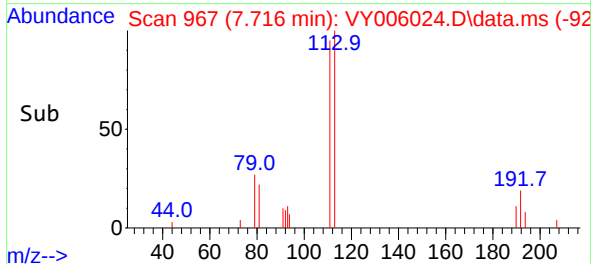
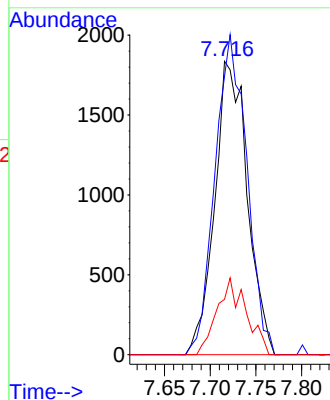
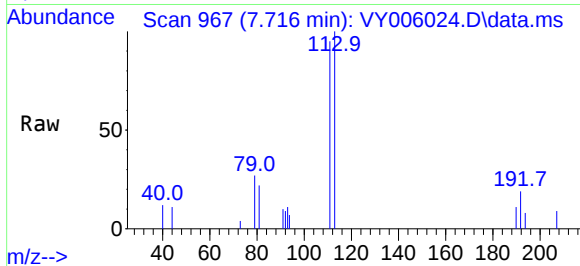




#35
Dibromofluoromethane
Concen: 57.751 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

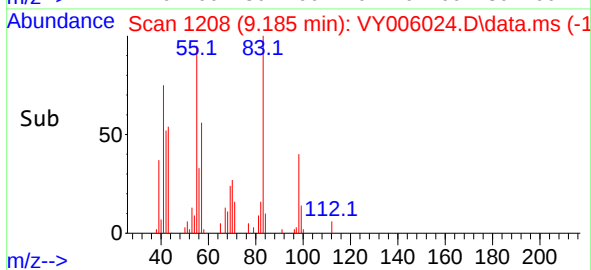
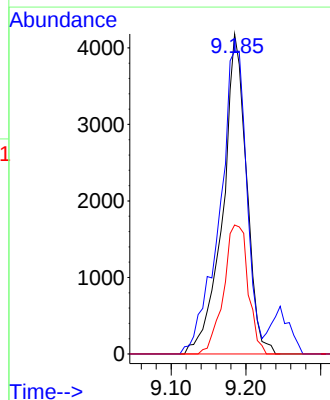
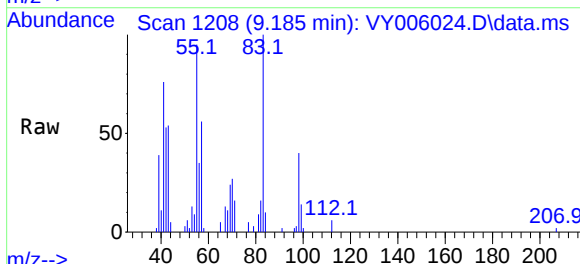
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(7-10)

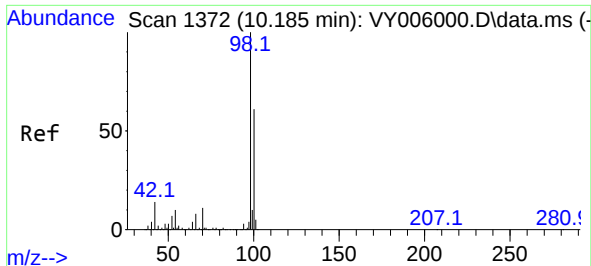
Tgt Ion:	113	Resp:	4562
Ion	Ratio	Lower	Upper
113	100		
111	106.7	82.6	124.0
192	23.4	17.6	26.4



#39
Methylcyclohexane
Concen: 54.351 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

Tgt Ion:	83	Resp:	9247
Ion	Ratio	Lower	Upper
83	100		
55	94.6	66.5	99.7
98	40.3	37.9	56.9

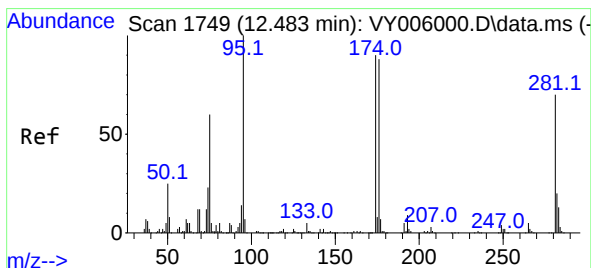
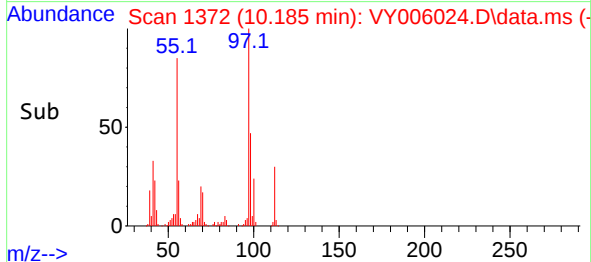
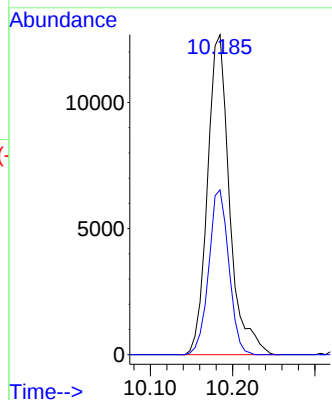
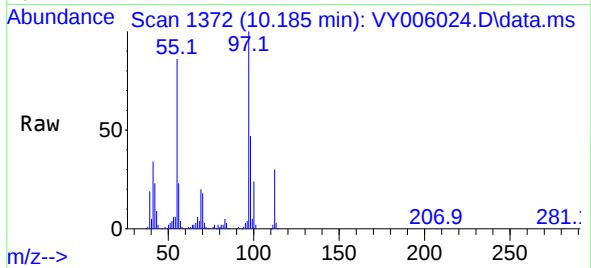




#50
Toluene-d8
Concen: 70.154 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

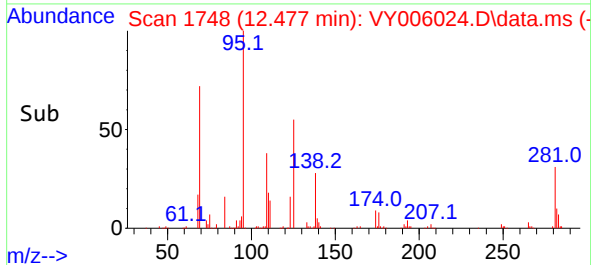
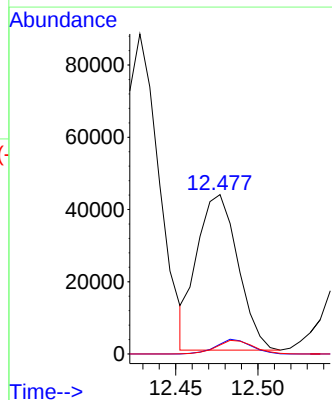
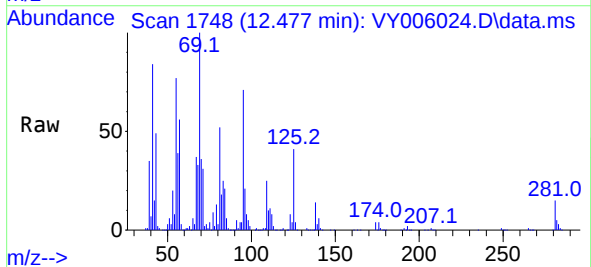
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(7-10)

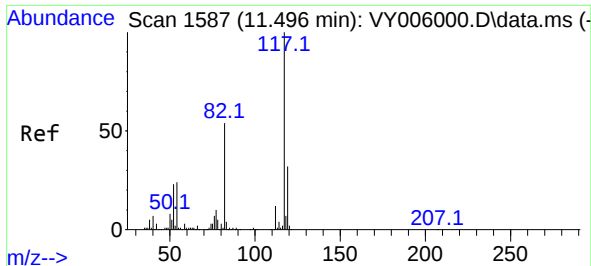
Tgt Ion: 98 Resp: 23619
Ion Ratio Lower Upper
98 100
100 46.9 50.2 75.2#



#62
4-Bromofluorobenzene
Concen: 653.855 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

Tgt Ion: 95 Resp: 74740
Ion Ratio Lower Upper
95 100
174 8.0 0.0 177.0
176 8.0 0.0 175.8

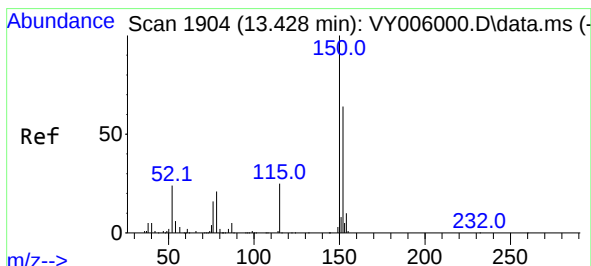
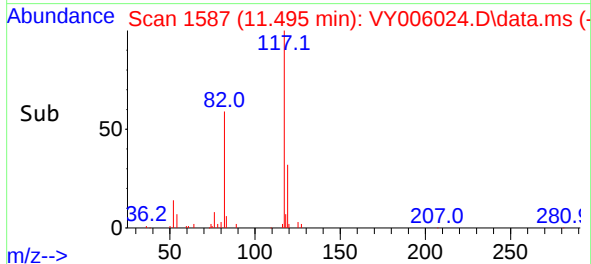
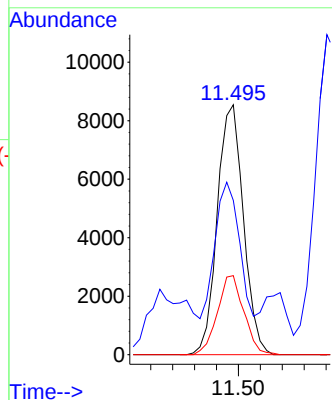
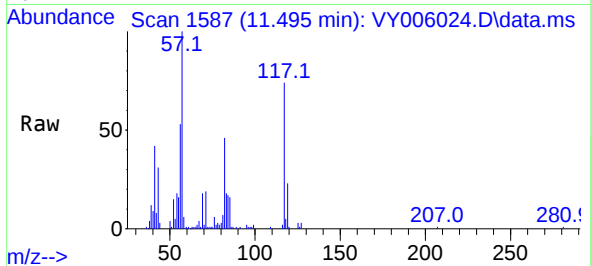




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

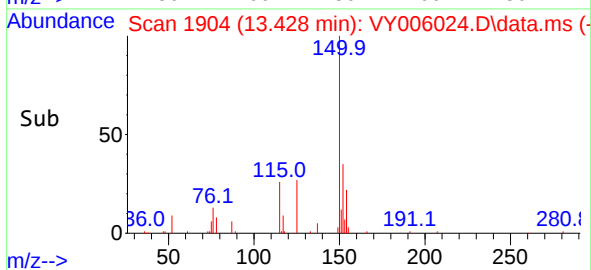
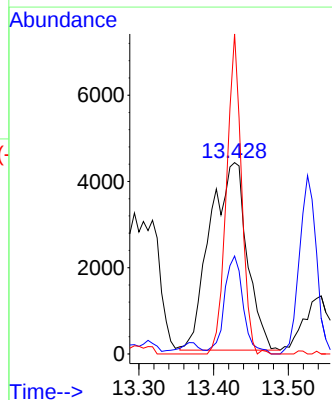
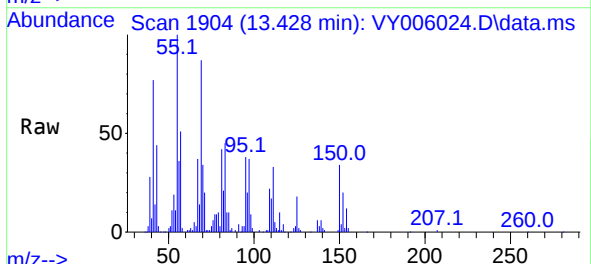
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(7-10)

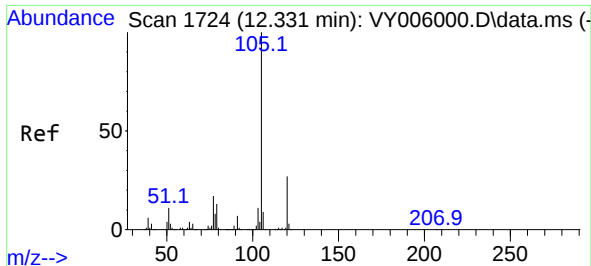
Tgt Ion:	117	Resp:	14160
Ion Ratio	Lower	Upper	
117	100		
82	41.0	43.0	64.4#
119	31.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

Tgt Ion:	152	Resp:	15023
Ion Ratio	Lower	Upper	
152	100		
115	26.4	28.2	84.7#
150	69.0	0.0	347.6

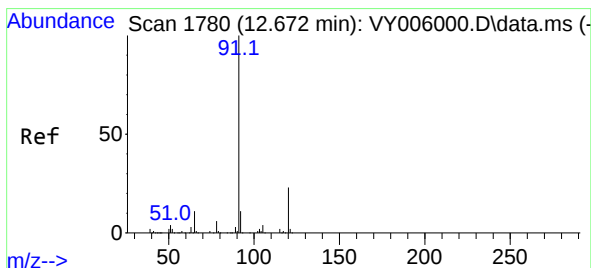
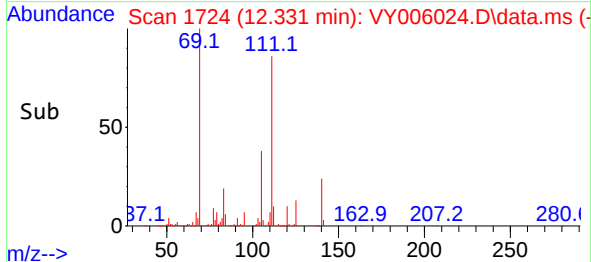
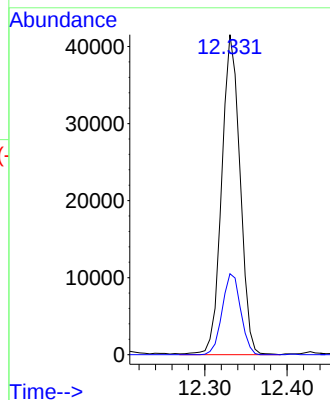
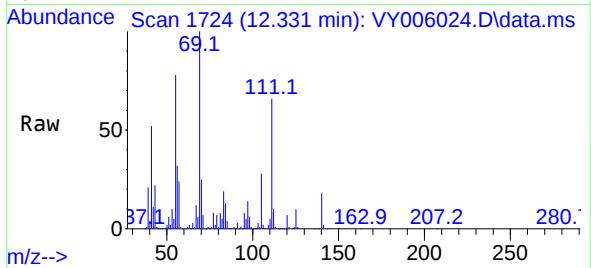




#73
Isopropylbenzene
Concen: 54.714 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

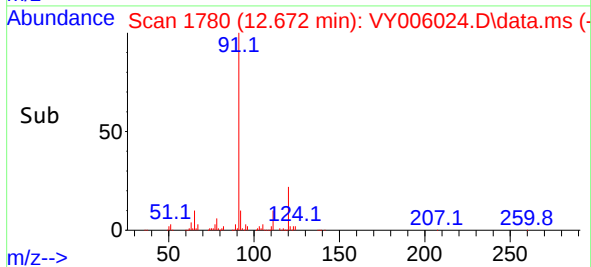
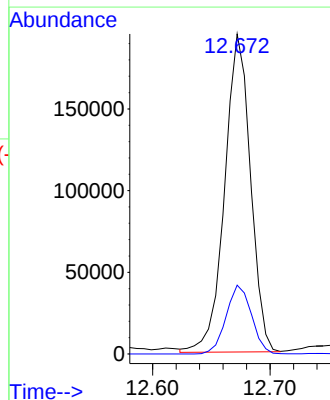
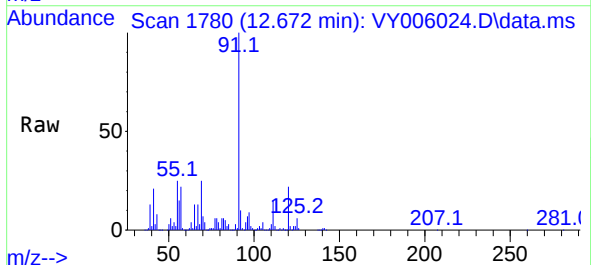
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(7-10)

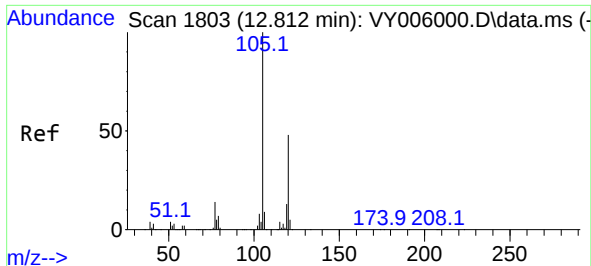
Tgt Ion:105 Resp: 64366
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.2



#78
n-propylbenzene
Concen: 204.518 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

Tgt Ion: 91 Resp: 297683
Ion Ratio Lower Upper
91 100
120 21.2 11.3 33.9

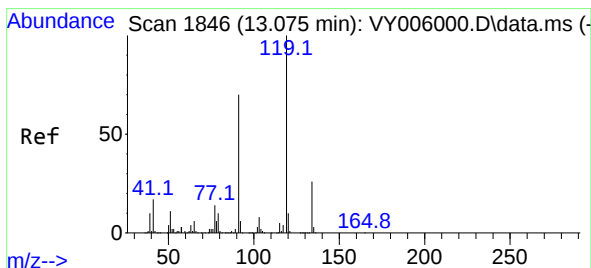
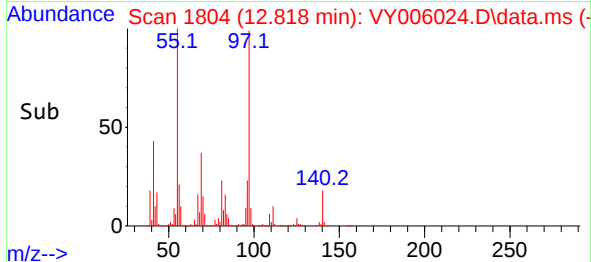
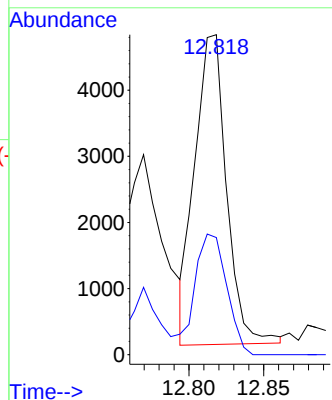
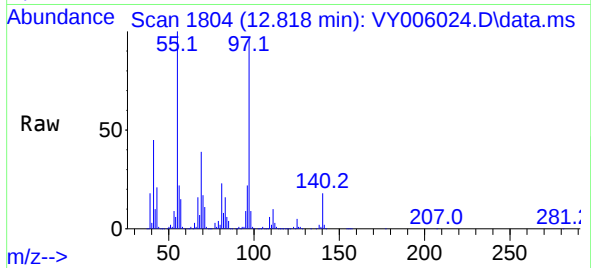




#80
1,3,5-Trimethylbenzene
Concen: 7.079 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

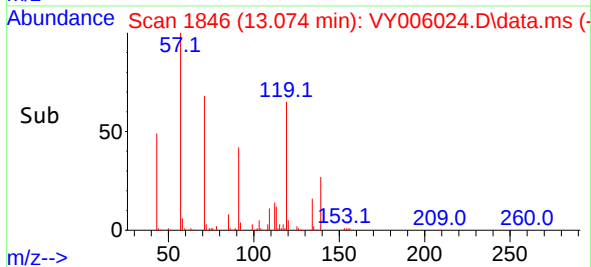
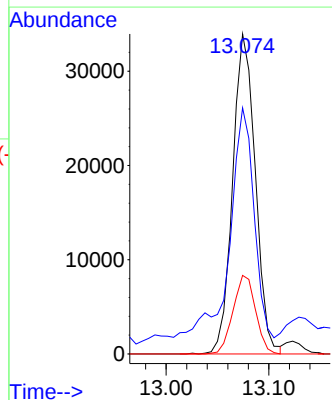
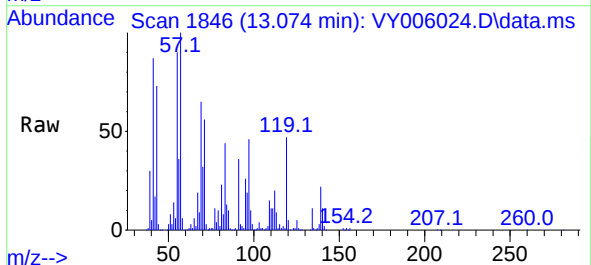
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(7-10)

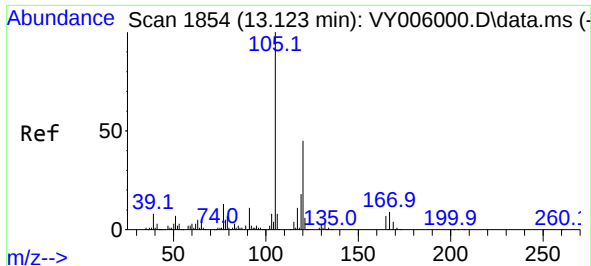
Tgt Ion:105 Resp: 6907
Ion Ratio Lower Upper
105 100
120 40.0 24.4 73.4



#83
tert-Butylbenzene
Concen: 62.545 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

Tgt Ion:119 Resp: 52191
Ion Ratio Lower Upper
119 100
91 75.2 34.8 104.4
134 24.3 13.3 39.9

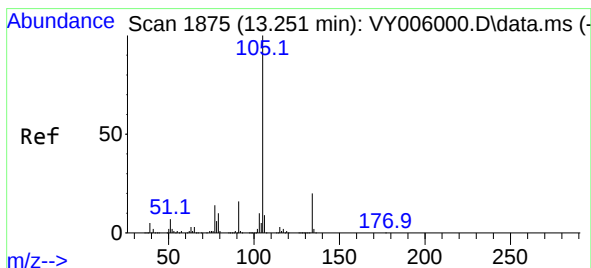
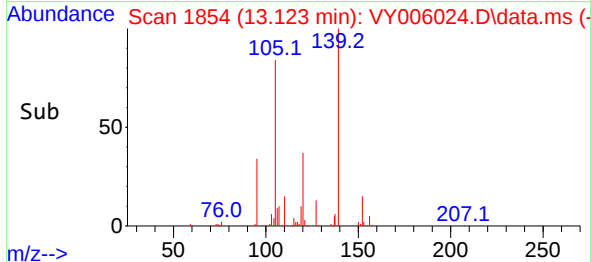
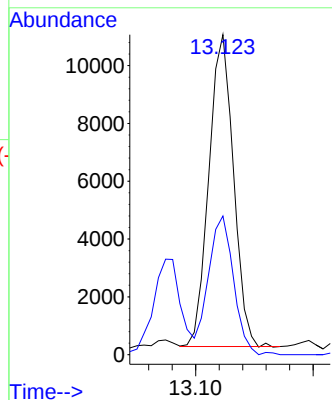
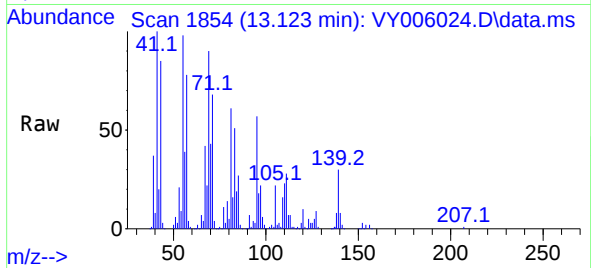




#84
1,2,4-Trimethylbenzene
Concen: 16.170 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

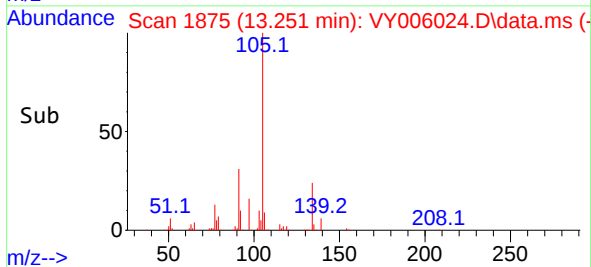
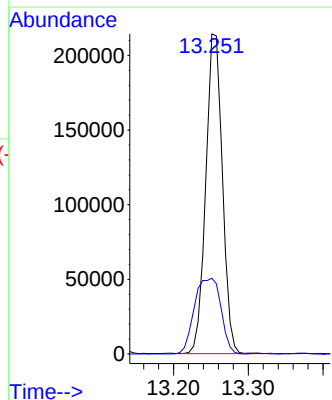
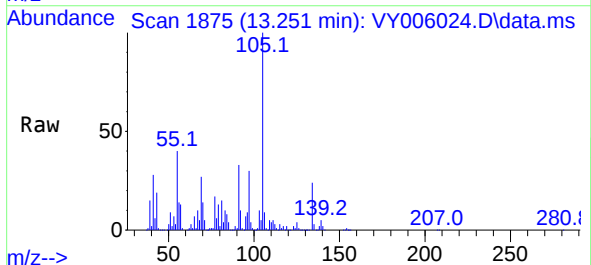
Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(7-10)

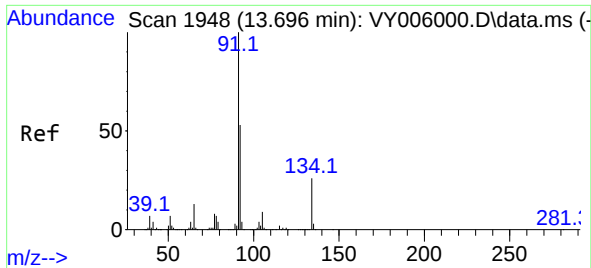
Tgt Ion:105 Resp: 15652
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.9



#85
sec-Butylbenzene
Concen: 264.452 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

Tgt Ion:105 Resp: 330344
Ion Ratio Lower Upper
105 100
134 37.7 10.2 30.4#





#89
n-Butylbenzene
Concen: 170.033 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY006024.D
Acq: 15 Sep 2021 15:18

Instrument :
MSVOA_Y
ClientSampleId :
SUP-UST-02-(7-10)

Tgt Ion: 91 Resp: 169569

Ion	Ratio	Lower	Upper
91	100		
92	49.5	26.3	78.9
134	34.6	13.0	38.9

