

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004603.D
 Acq On : 23 Apr 2021 14:25
 Operator : SY/MD
 Sample : M2142-01
 Misc : 7.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-04-042221

Quant Time: Apr 26 10:18:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

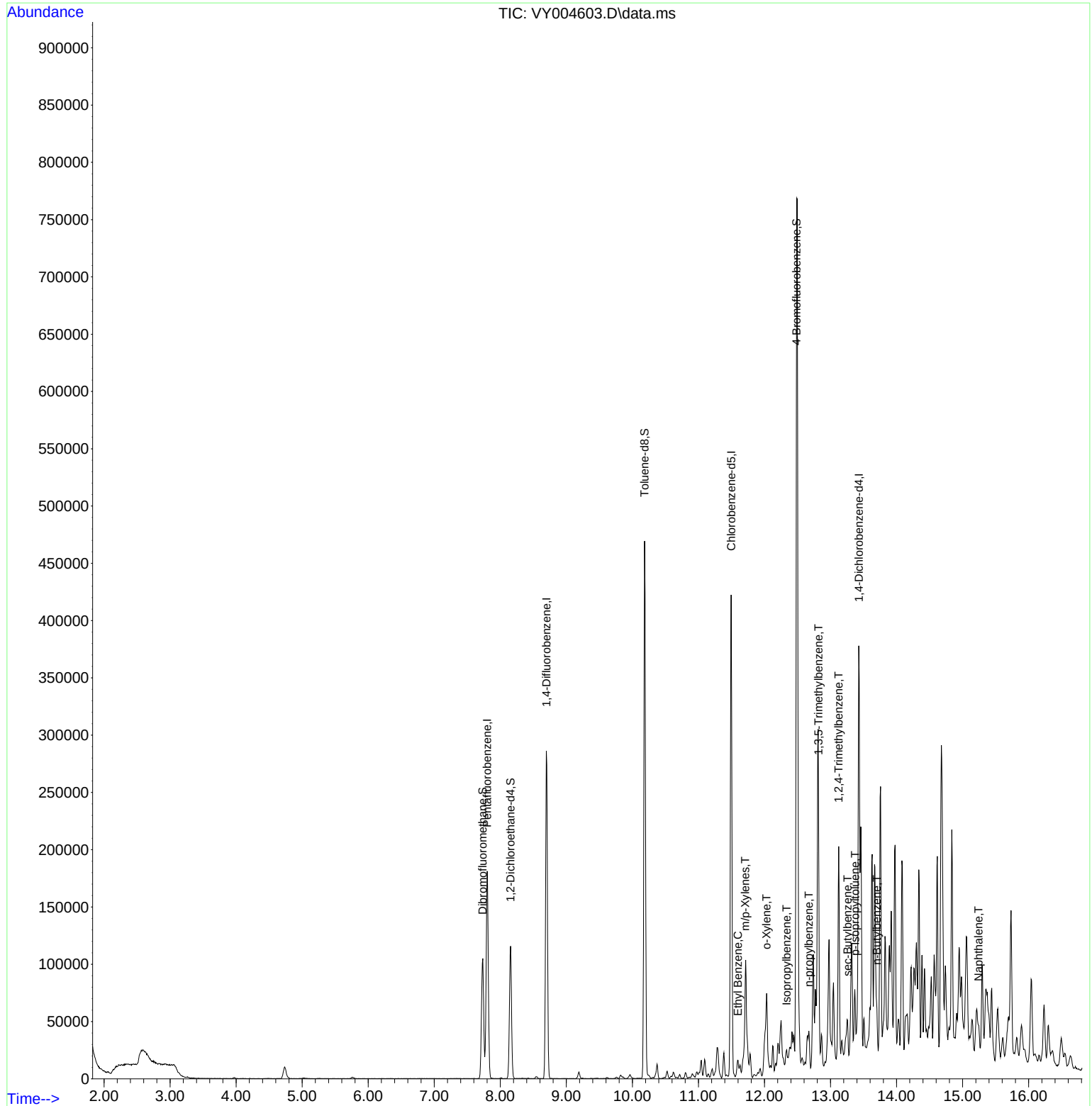
Internal Standards						
1) Pentafluorobenzene	7.801	168	133345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	231919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	88723	59.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.78%
35) Dibromofluoromethane	7.734	113	72246	56.13	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.26%
50) Toluene-d8	10.185	98	285728	52.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.38%
62) 4-Bromofluorobenzene	12.483	95	93446	50.30	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.60%
Target Compounds						Qvalue
67) Ethyl Benzene	11.599	91	8228	1.02	ug/l	99
68) m/p-Xylenes	11.709	106	6750	2.25	ug/l	96
69) o-Xylene	12.032	106	14701	5.23	ug/l	98
73) Isopropylbenzene	12.337	105	7003	1.13	ug/l	100
78) n-propylbenzene	12.672	91	22474	3.08	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	66140	13.17	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	89911	17.74	ug/l	98
85) sec-Butylbenzene	13.258	105	16358	2.73	ug/l	80
86) p-Isopropyltoluene	13.373	119	13929	2.55	ug/l	98
89) n-Butylbenzene	13.703	91	18388	3.53	ug/l #	68
95) Naphthalene	15.239	128	9998	3.03	ug/l #	95

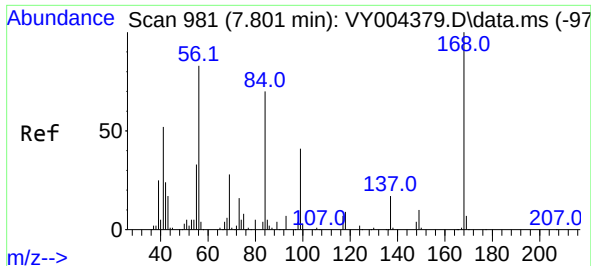
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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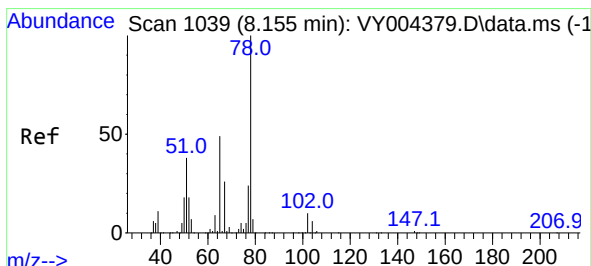
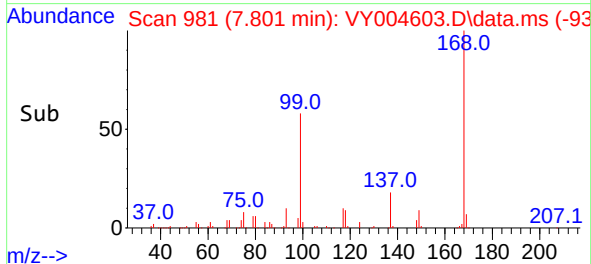
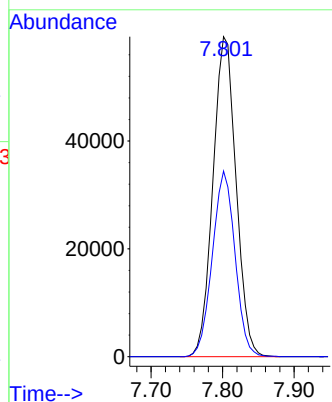
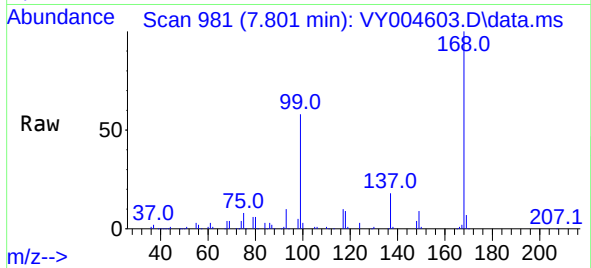




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

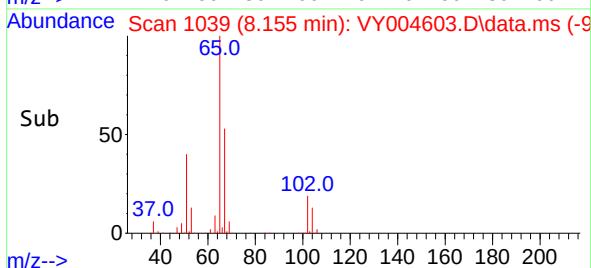
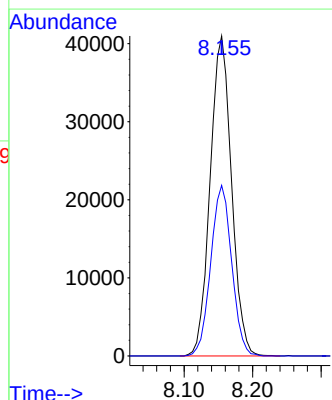
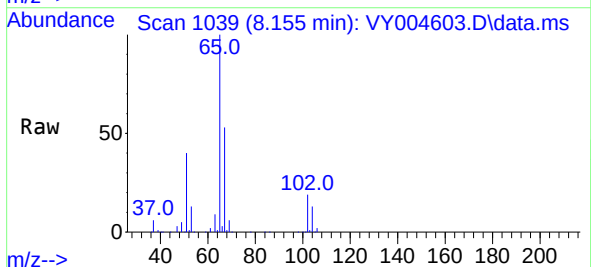
Instrument :
MSVOA_Y
ClientSampleId :
EO-04-042221

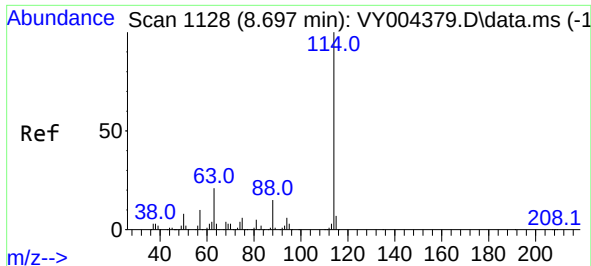
Tgt Ion:168 Resp: 133345
Ion Ratio Lower Upper
168 100
99 58.0 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 59.89 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

Tgt Ion: 65 Resp: 88723
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.4



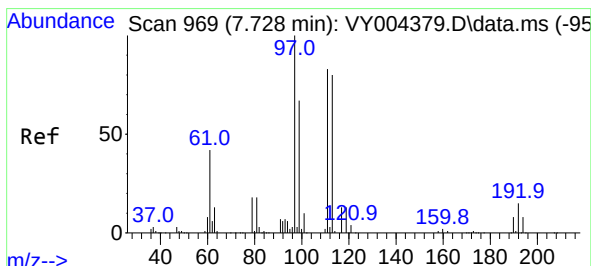
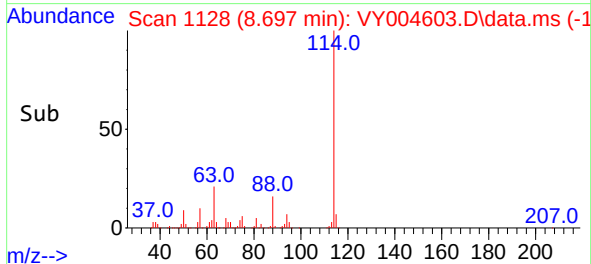
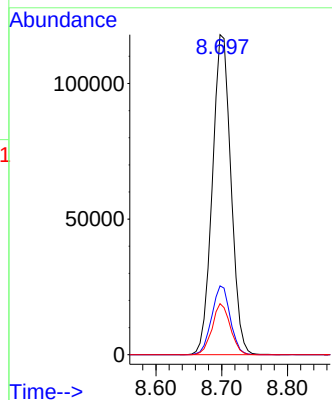
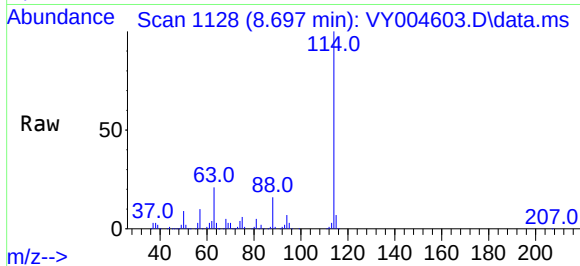


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

Instrument :
MSVOA_Y
ClientSampleId :
EO-04-042221

Tgt Ion:114 Resp: 231919

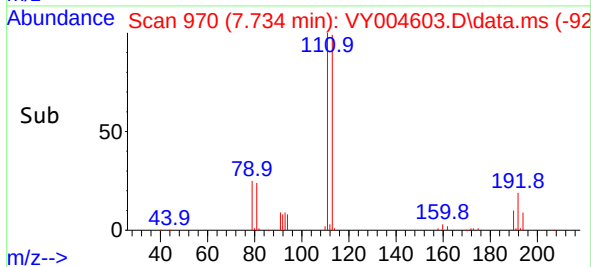
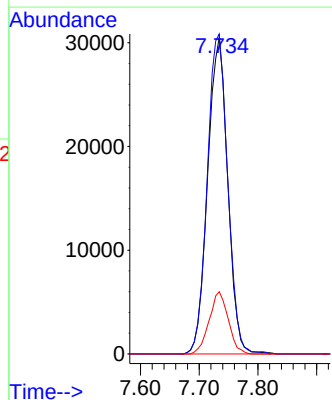
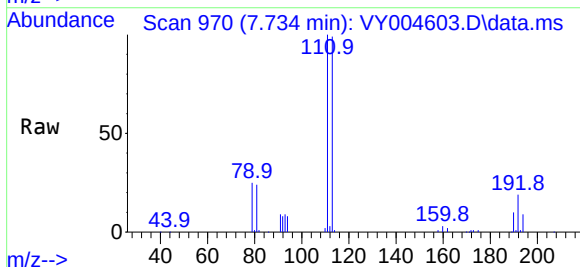
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.4
88	15.9	0.0	30.8

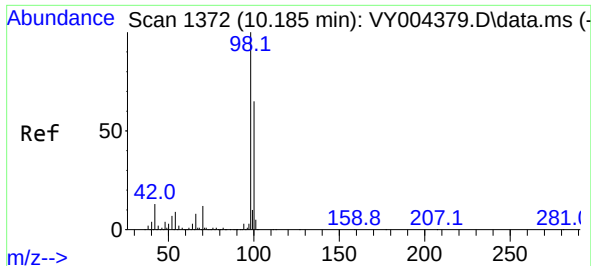


#35
Dibromofluoromethane
Concen: 56.13 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

Tgt Ion:113 Resp: 72246

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	18.7	16.1	24.1

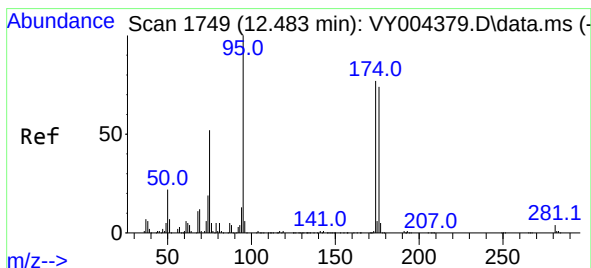
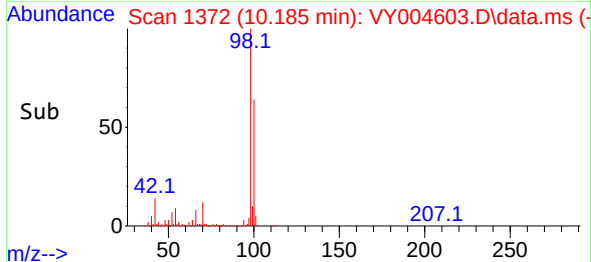
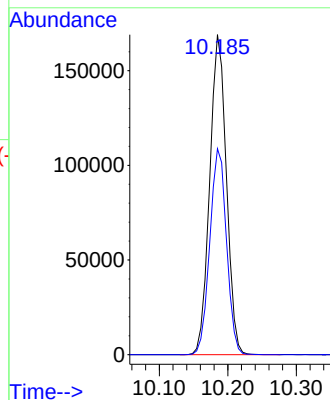
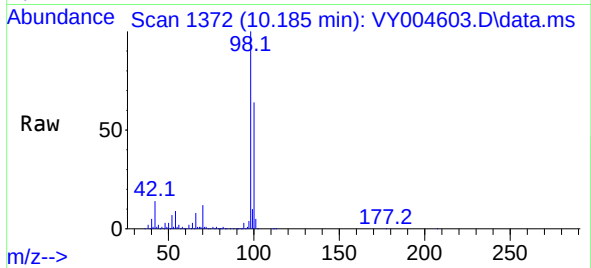




#50
Toluene-d8
Concen: 52.19 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

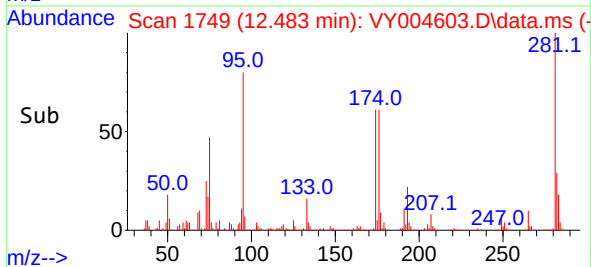
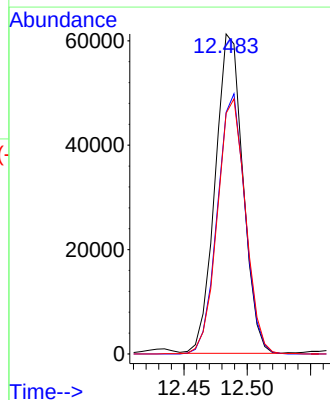
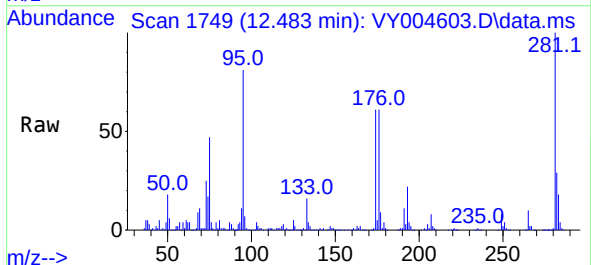
Instrument :
MSVOA_Y
ClientSampleId :
EO-04-042221

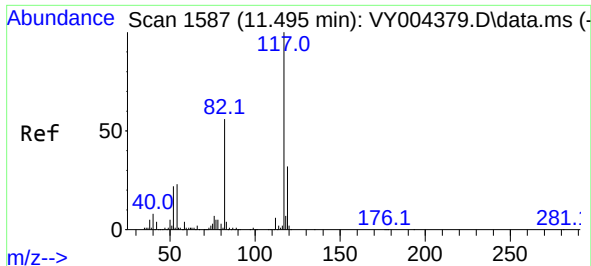
Tgt Ion: 98 Resp: 285728
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

Tgt Ion: 95 Resp: 93446
Ion Ratio Lower Upper
95 100
174 81.2 0.0 162.4
176 81.0 0.0 156.0

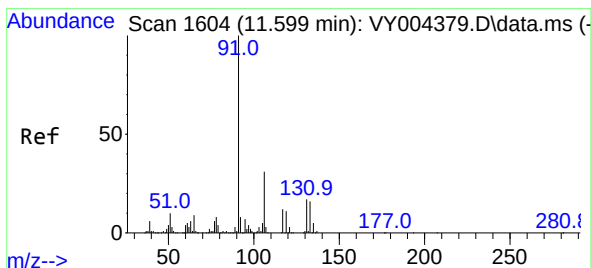
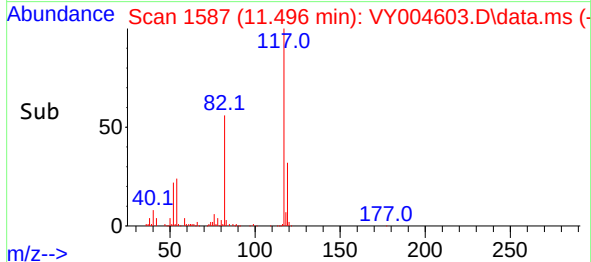
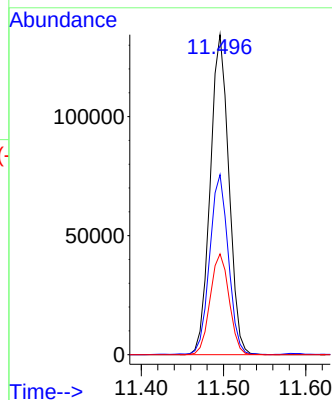
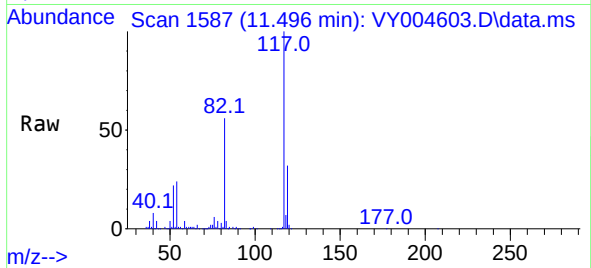




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

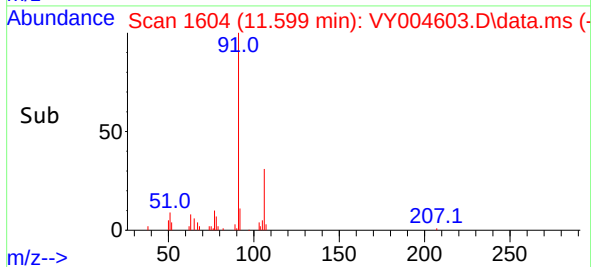
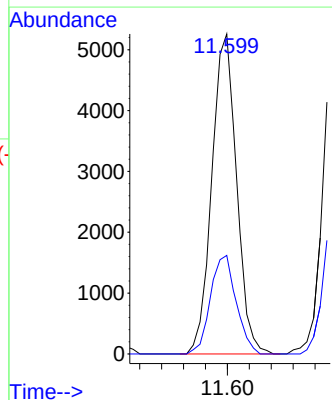
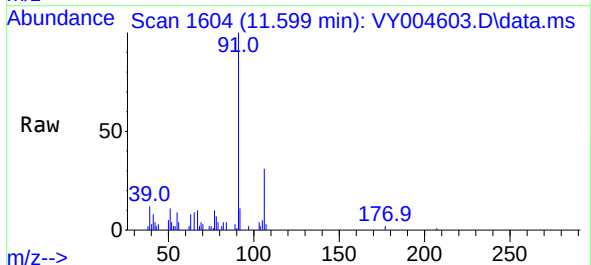
Instrument :
MSVOA_Y
ClientSampleId :
EO-04-042221

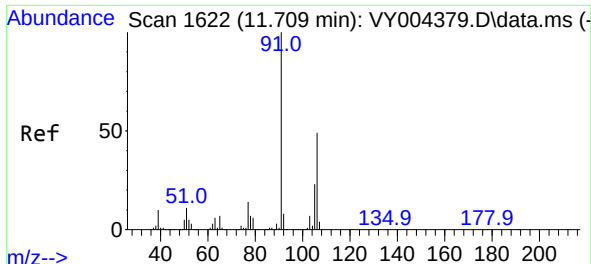
Tgt Ion:	117	Resp:	211388
Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.9	67.3
119	31.5	25.4	38.0



#67
Ethyl Benzene
Concen: 1.02 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

Tgt Ion:	91	Resp:	8228
Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.1	37.7

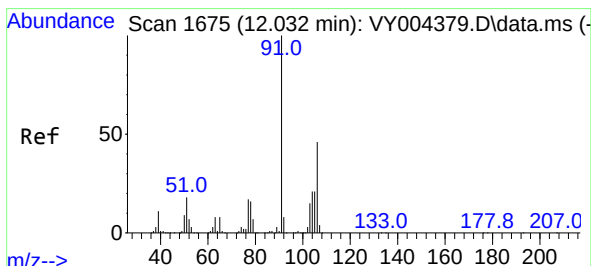
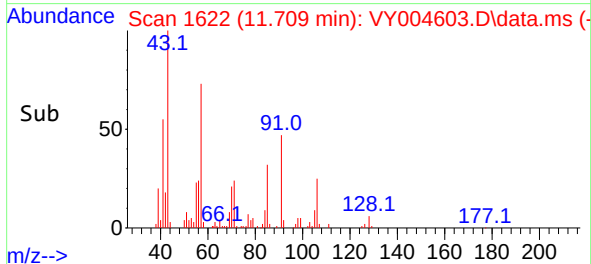
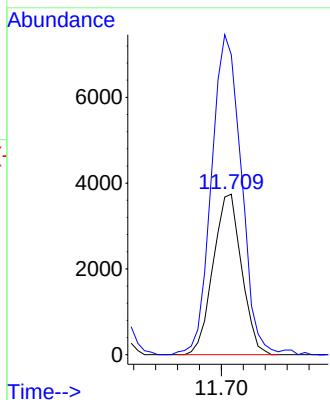
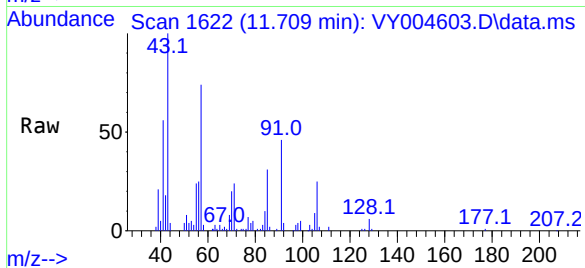




#68
m/p-Xylenes
Concen: 2.25 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

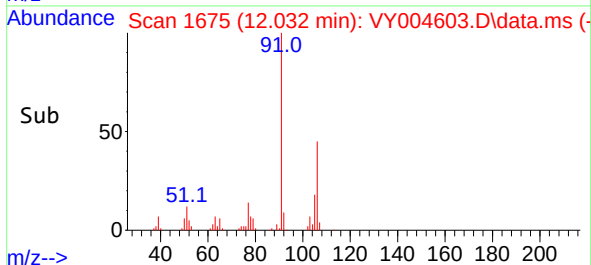
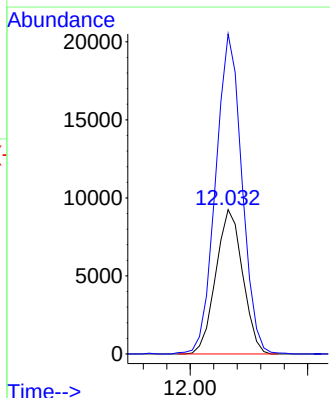
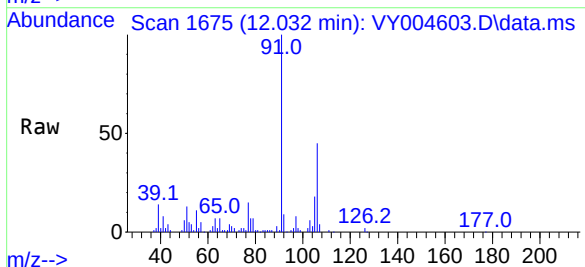
Instrument :
MSVOA_Y
ClientSampled :
EO-04-042221

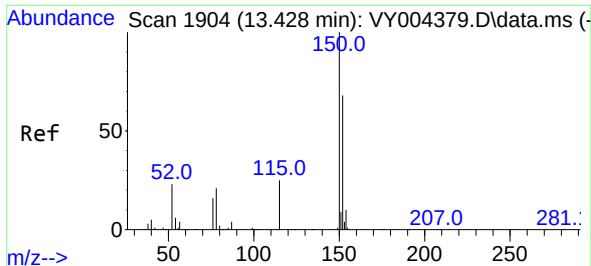
Tgt Ion:106 Resp: 6750
Ion Ratio Lower Upper
106 100
91 209.8 163.2 244.8



#69
o-Xylene
Concen: 5.23 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

Tgt Ion:106 Resp: 14701
Ion Ratio Lower Upper
106 100
91 217.4 107.4 322.2

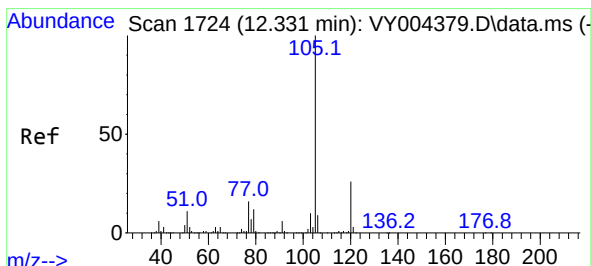
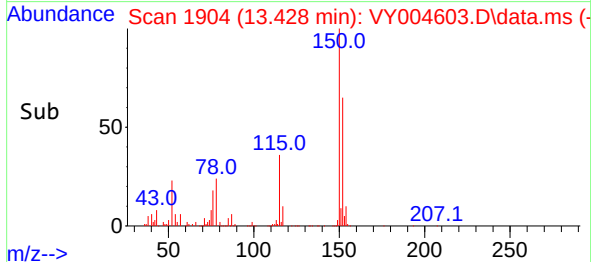
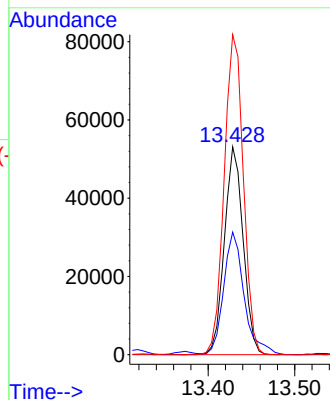
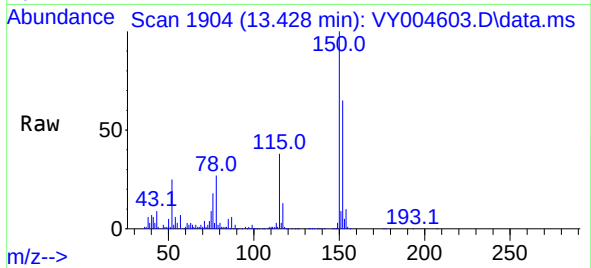




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

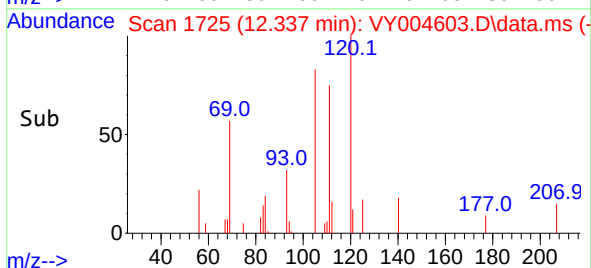
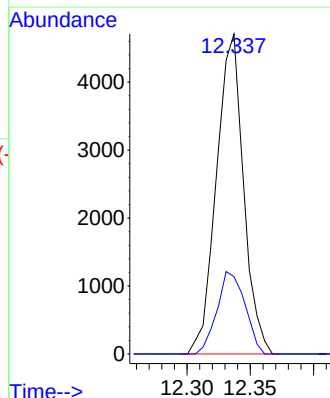
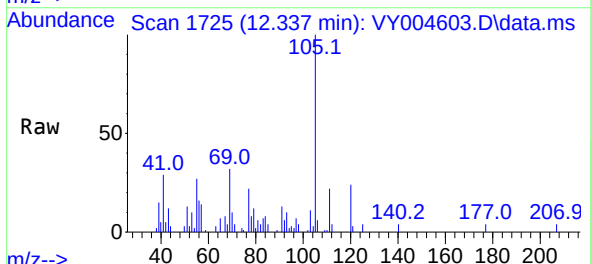
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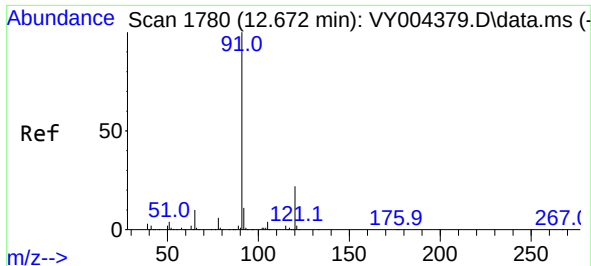
Tgt Ion:152 Resp: 79945
Ion Ratio Lower Upper
152 100
115 64.5 29.6 88.8
150 157.3 0.0 348.4



#73
Isopropylbenzene
Concen: 1.13 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

Tgt Ion:105 Resp: 7003
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5

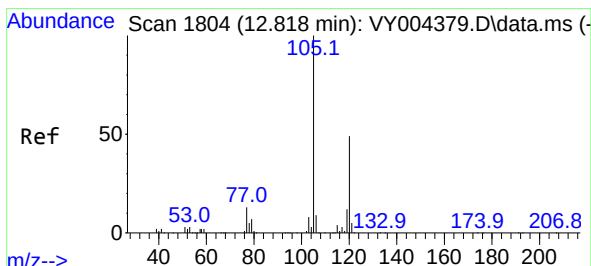
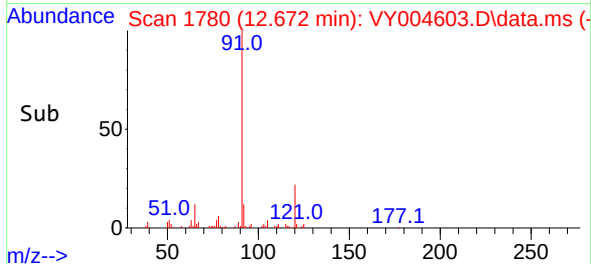
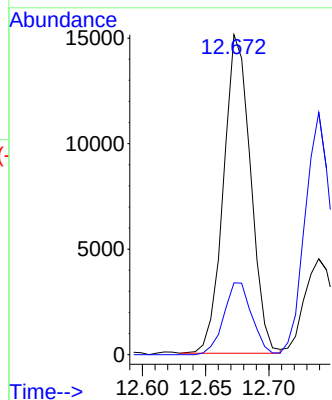
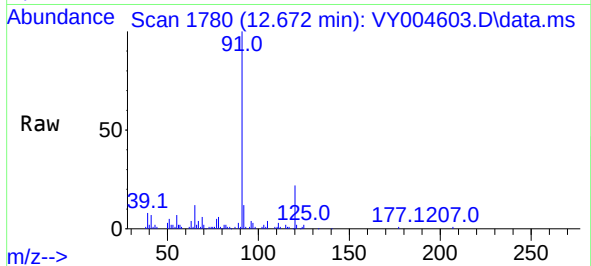




#78
n-propylbenzene
Concen: 3.08 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

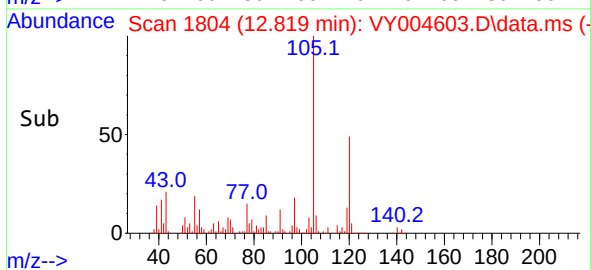
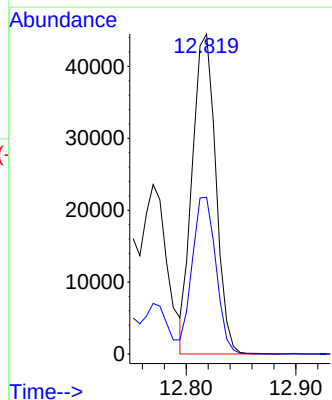
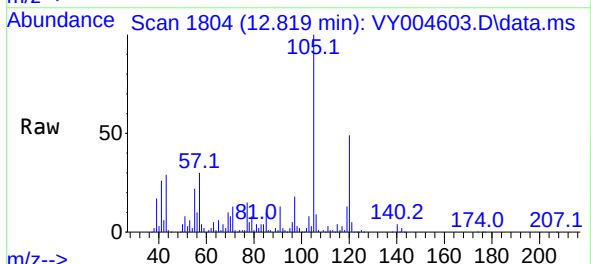
Instrument :
MSVOA_Y
ClientSampled :
EO-04-042221

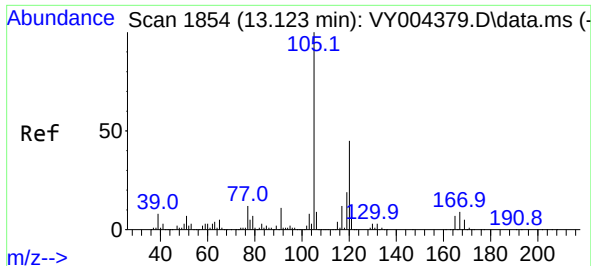
Tgt Ion: 91 Resp: 22474
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 13.17 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

Tgt Ion: 105 Resp: 66140
Ion Ratio Lower Upper
105 100
120 50.7 24.6 74.0

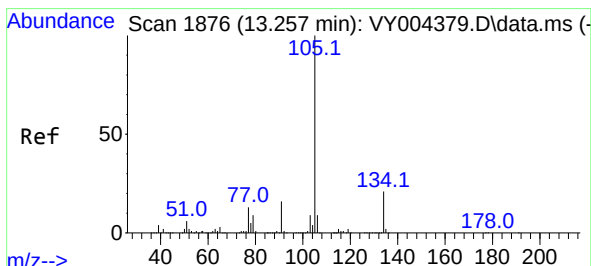
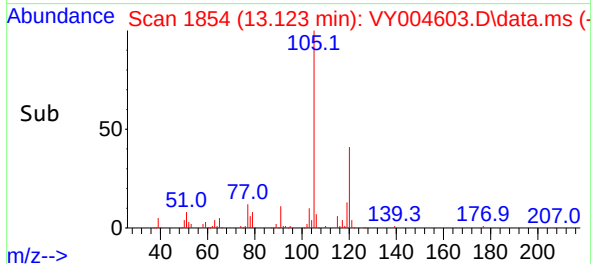
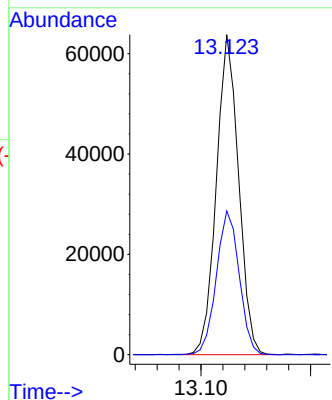
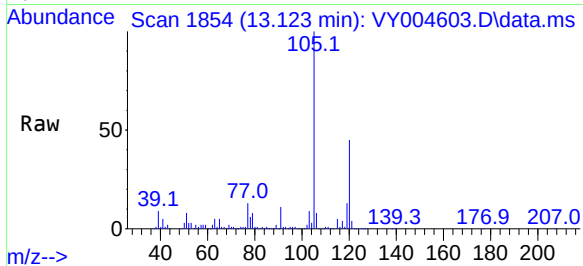




#84
1,2,4-Trimethylbenzene
Concen: 17.74 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

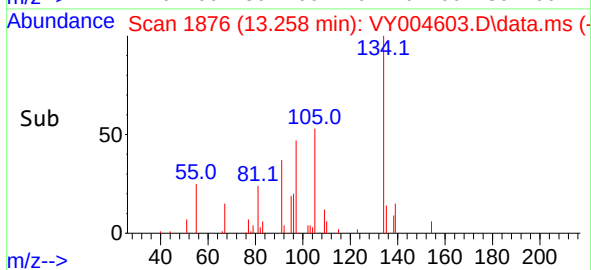
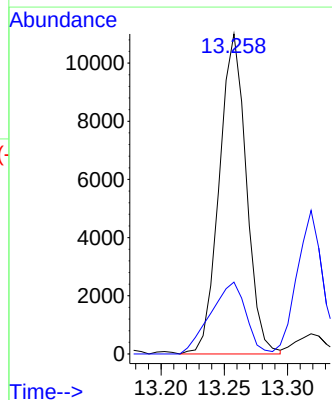
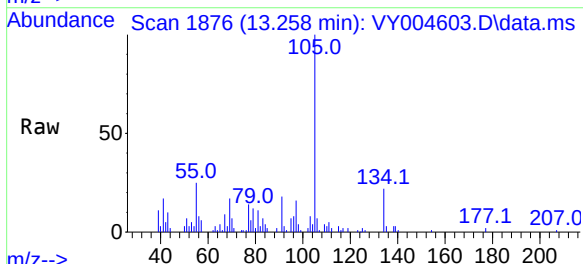
Instrument :
MSVOA_Y
ClientSampleId :
EO-04-042221

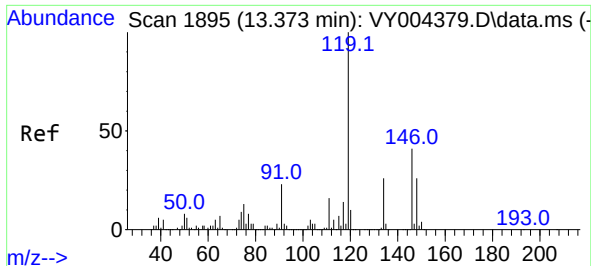
Tgt Ion:105 Resp: 89911
Ion Ratio Lower Upper
105 100
120 46.2 22.4 67.3



#85
sec-Butylbenzene
Concen: 2.73 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

Tgt Ion:105 Resp: 16358
Ion Ratio Lower Upper
105 100
134 29.5 10.1 30.3

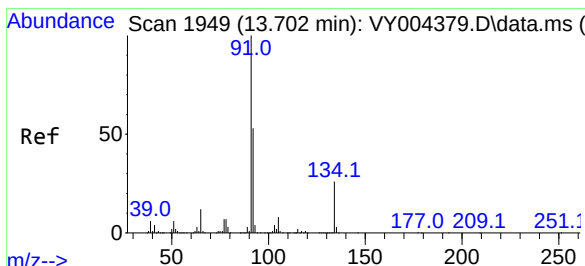
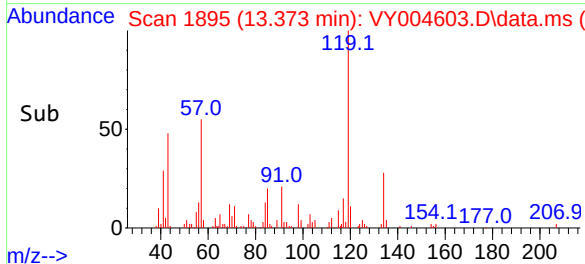
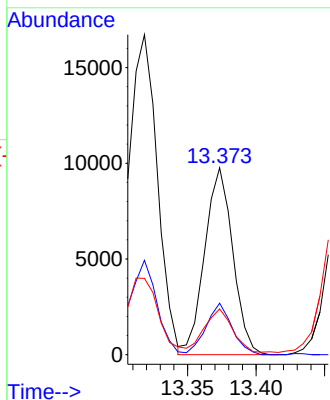
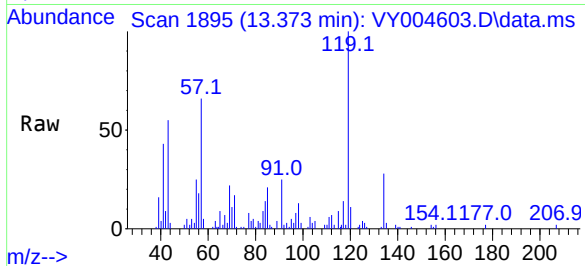




#86
p-Isopropyltoluene
Concen: 2.55 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

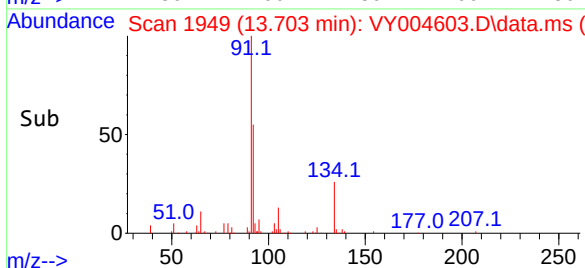
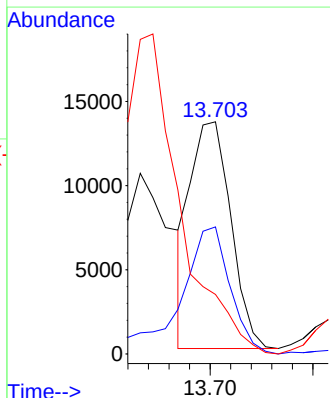
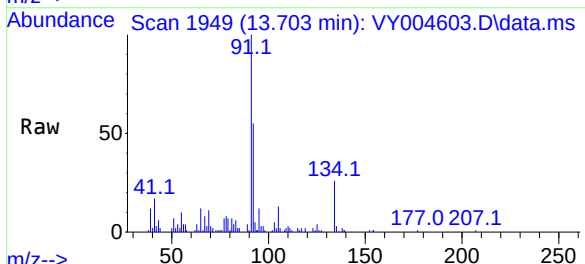
Instrument :
MSVOA_Y
ClientSampled :
EO-04-042221

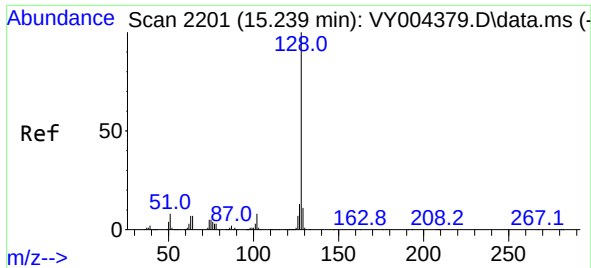
Tgt Ion:	119	Resp:	13929
Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.3	39.8
91	22.5	11.9	35.7



#89
n-Butylbenzene
Concen: 3.53 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

Tgt Ion:	91	Resp:	18388
Ion	Ratio	Lower	Upper
91	100		
92	69.8	26.6	79.8
134	0.0	12.7	38.1#





#95
Naphthalene
Concen: 3.03 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004603.D
Acq: 23 Apr 2021 14:25

Instrument :
MSVOA_Y
ClientSampleId :
EO-04-042221

Tgt Ion:128 Resp: 9998
Ion Ratio Lower Upper
128 100
127 15.4 10.2 15.2#
129 10.1 8.8 13.2

