

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004445.D
 Acq On : 15 Apr 2021 16:54
 Operator : SY/MD
 Sample : M2048-06
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-13.5-14.0

Quant Time: Apr 16 05:05:29 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)

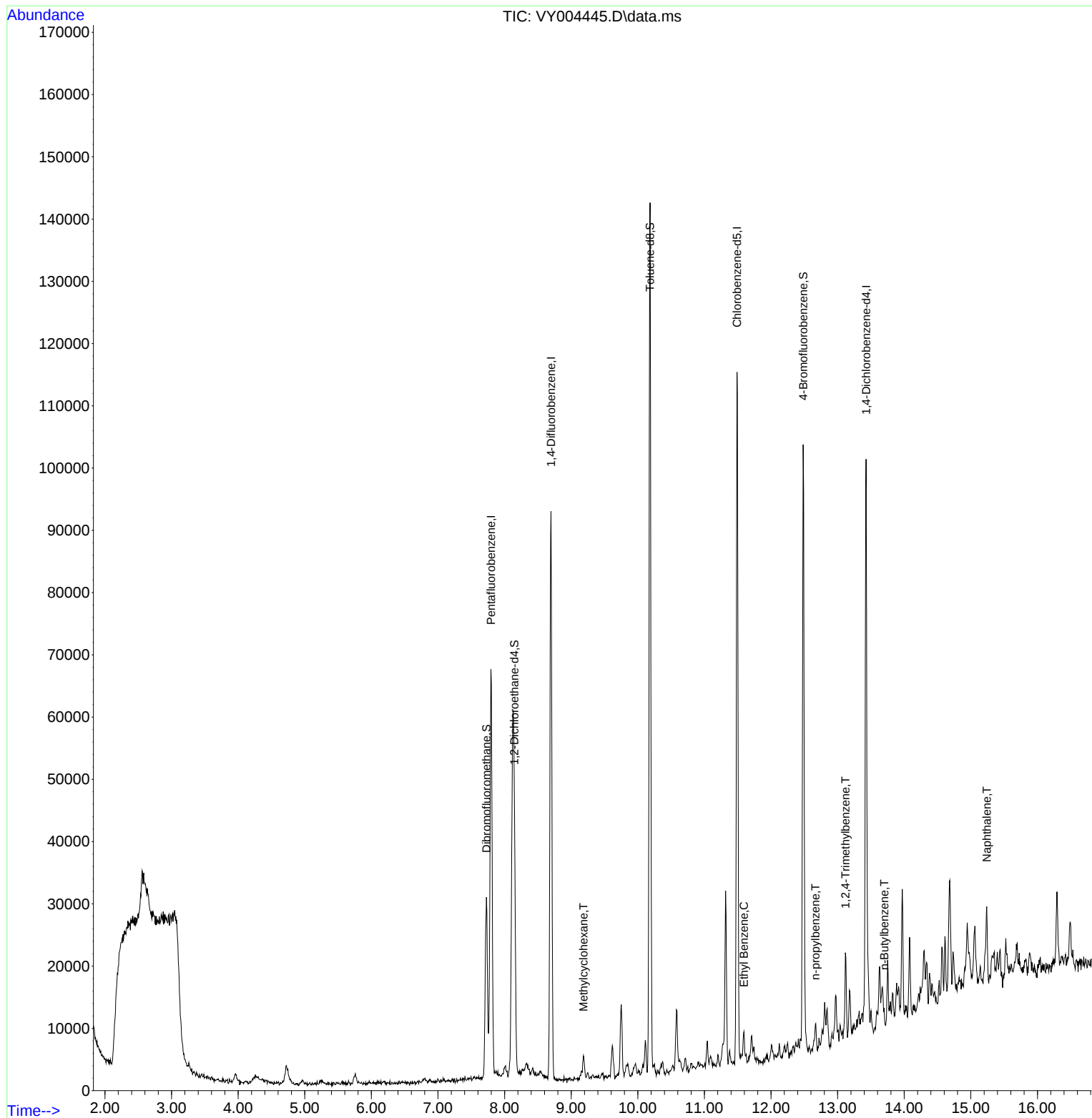
Internal Standards						
1) Pentafluorobenzene	7.795	168	49005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	76114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	58792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20995	38.56	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.12%		
35) Dibromofluoromethane	7.728	113	19946	47.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.44%		
50) Toluene-d8	10.185	98	88737	49.39	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.78%		
62) 4-Bromofluorobenzene	12.483	95	24406	40.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.06%		
Target Compounds						Qvalue
39) Methylcyclohexane	9.185	83	1386	1.49	ug/l #	90
67) Ethyl Benzene	11.593	91	3174	1.41	ug/l	99
78) n-propylbenzene	12.666	91	3216	1.60	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	7538	5.39	ug/l	100
89) n-Butylbenzene	13.703	91	2017	1.40	ug/l #	65
95) Naphthalene	15.239	128	8200	9.00	ug/l	96

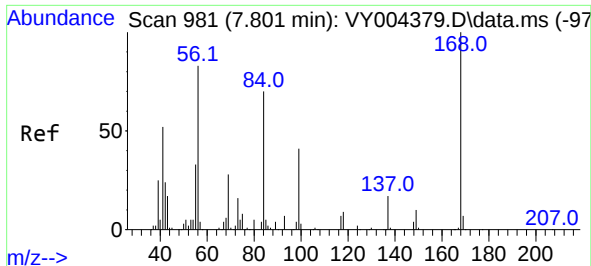
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

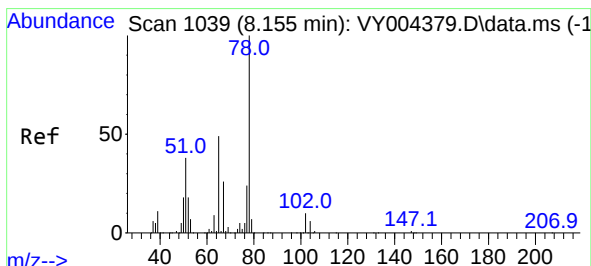
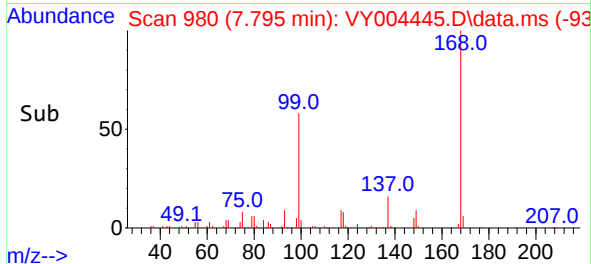
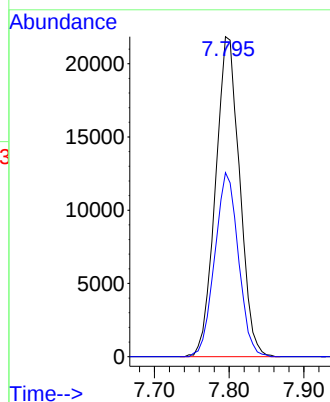
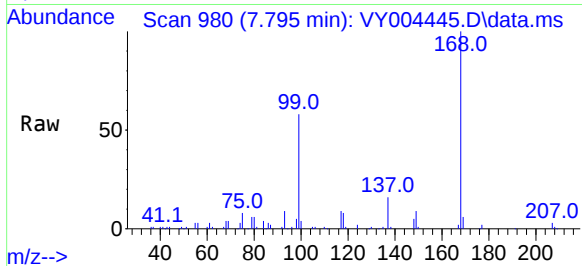




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

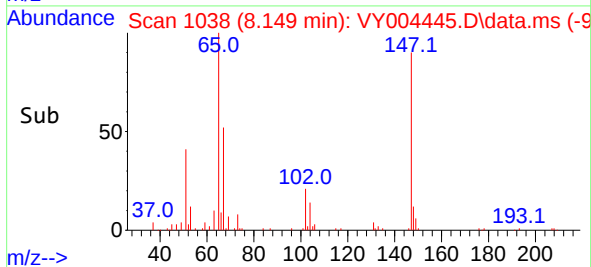
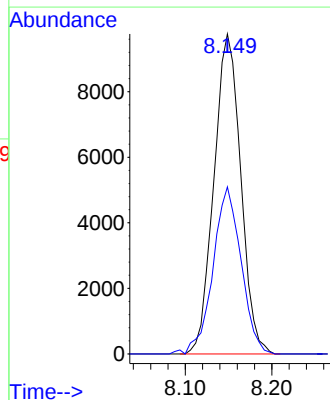
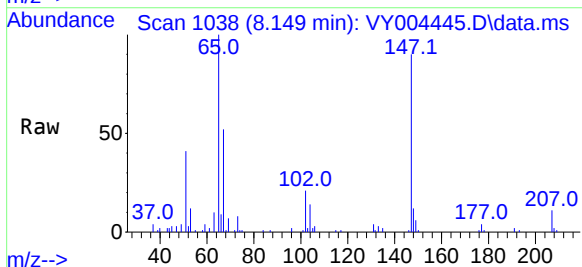
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-13.5-14.0

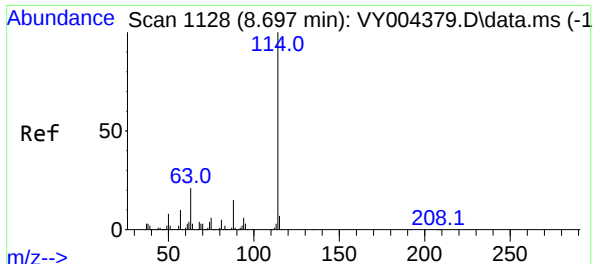
Tgt Ion:168 Resp: 49005
Ion Ratio Lower Upper
168 100
99 57.5 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 38.56 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

Tgt Ion: 65 Resp: 20995
Ion Ratio Lower Upper
65 100
67 54.7 0.0 106.4

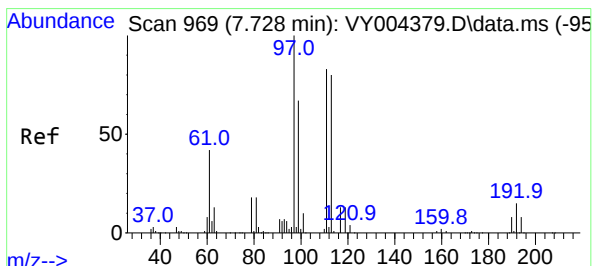
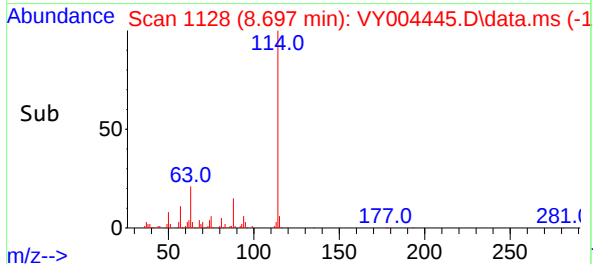
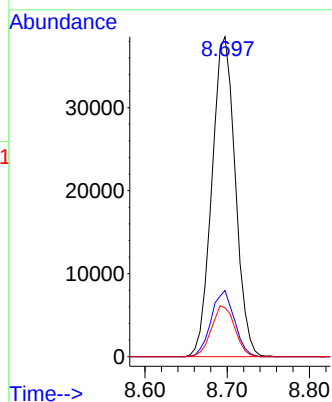
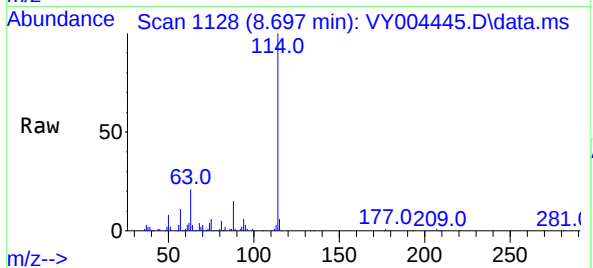




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

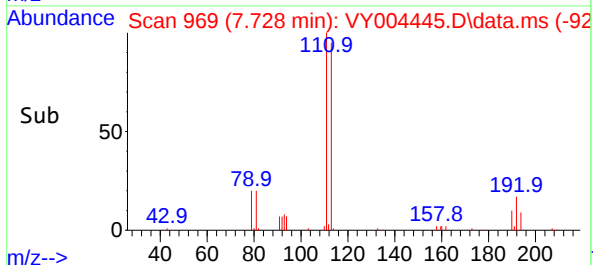
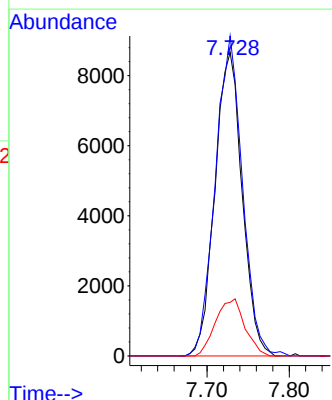
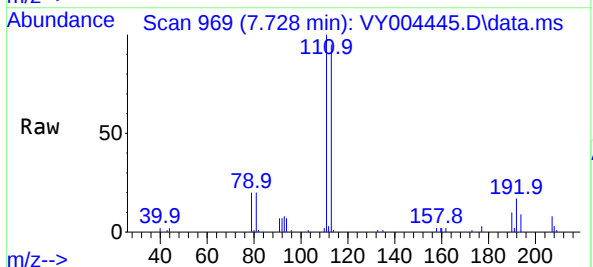
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-13.5-14.0

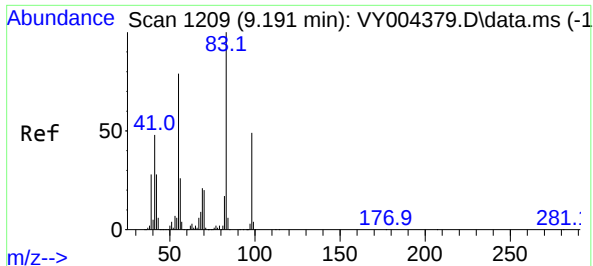
Tgt Ion:114	Resp:	76114
Ion Ratio	Lower	Upper
114	100	
63	20.7	0.0 42.4
88	15.3	0.0 30.8



#35
Dibromofluoromethane
Concen: 47.22 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

Tgt Ion:113	Resp:	19946
Ion Ratio	Lower	Upper
113	100	
111	105.1	82.6 123.8
192	20.1	16.1 24.1

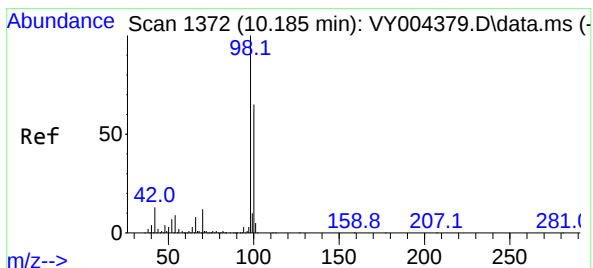
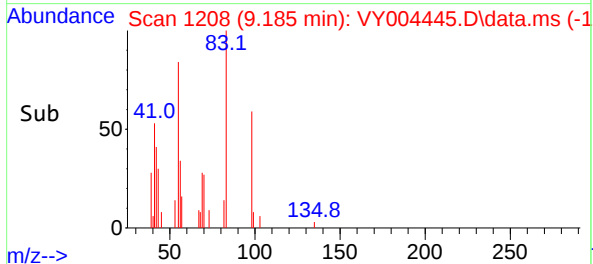
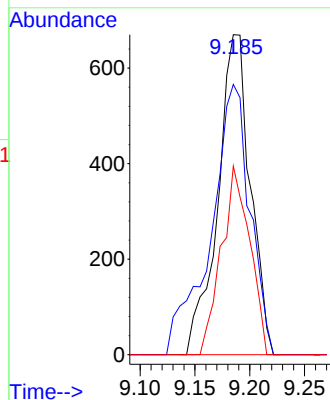
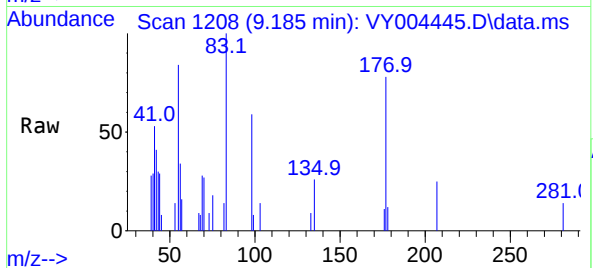




#39
Methylcyclohexane
Concen: 1.49 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

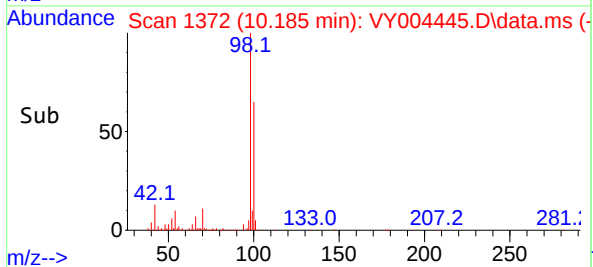
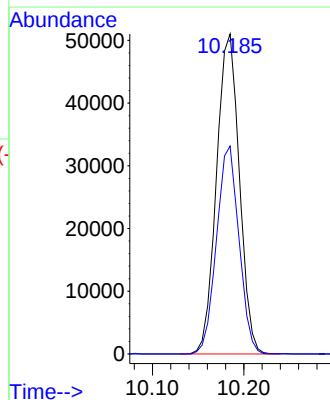
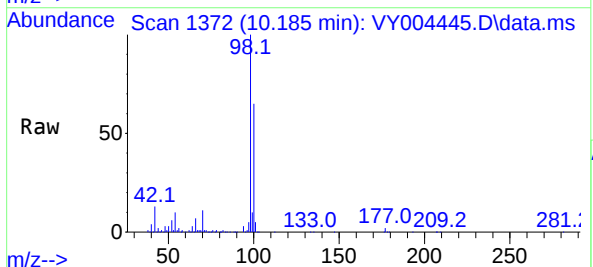
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-13.5-14.0

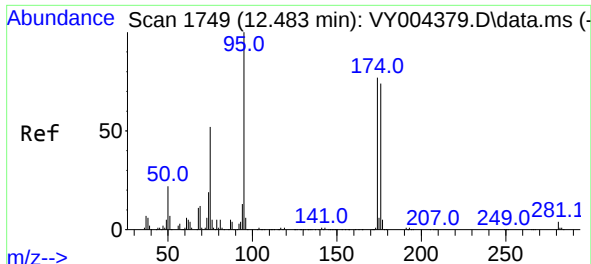
Tgt Ion: 83 Resp: 1386
Ion Ratio Lower Upper
83 100
55 84.5 63.0 94.4
98 59.0 39.2 58.8#



#50
Toluene-d8
Concen: 49.39 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

Tgt Ion: 98 Resp: 88737
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

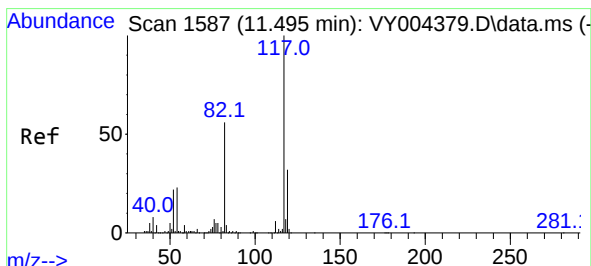
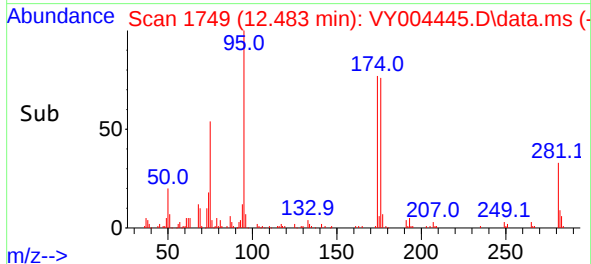
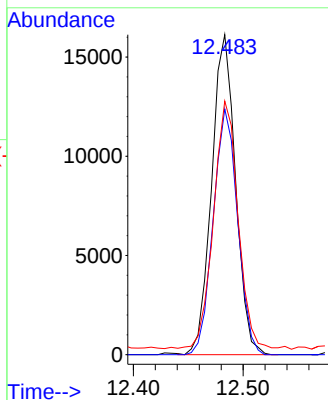
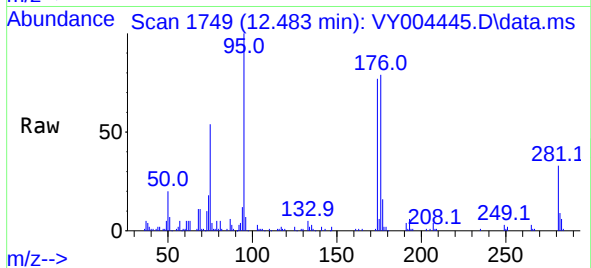




#62
4-Bromofluorobenzene
Concen: 40.03 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

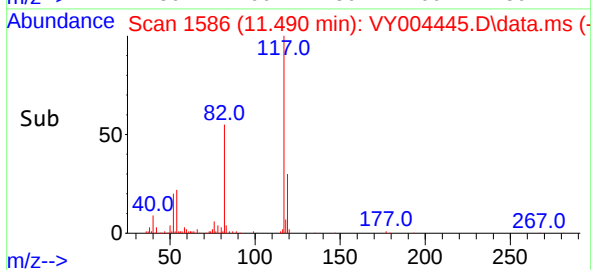
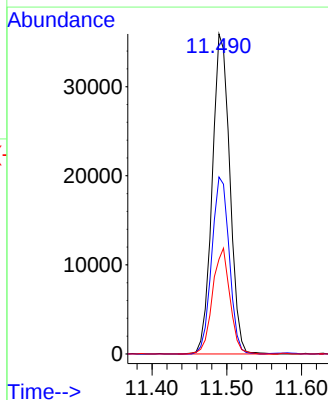
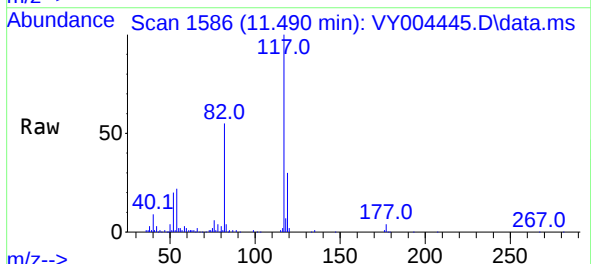
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-13.5-14.0

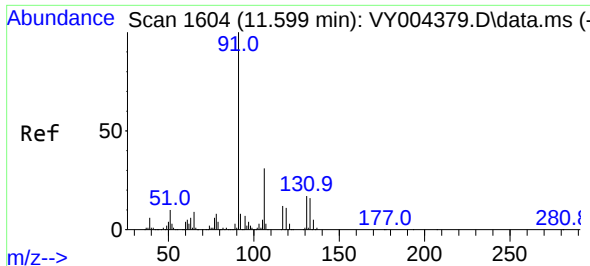
Tgt Ion:	95	Resp:	24406
Ion Ratio	Lower	Upper	
95	100		
174	78.4	0.0	162.4
176	79.1	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

Tgt Ion:	117	Resp:	58792
Ion Ratio	Lower	Upper	
117	100		
82	55.3	44.9	67.3
119	29.6	25.4	38.0

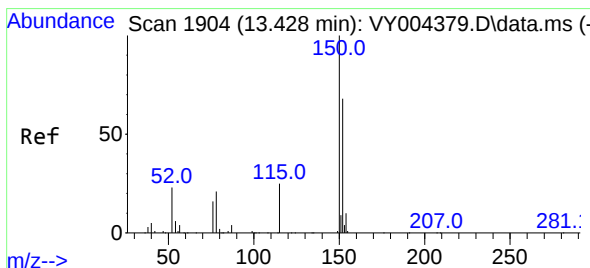
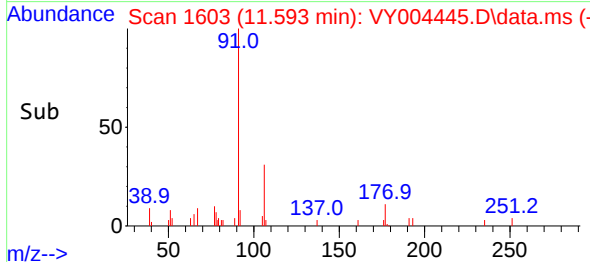
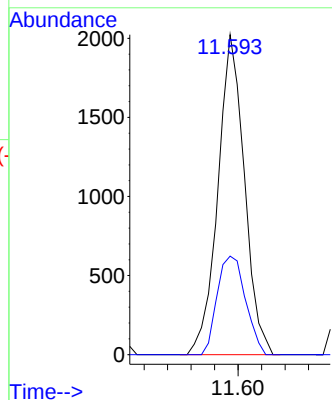
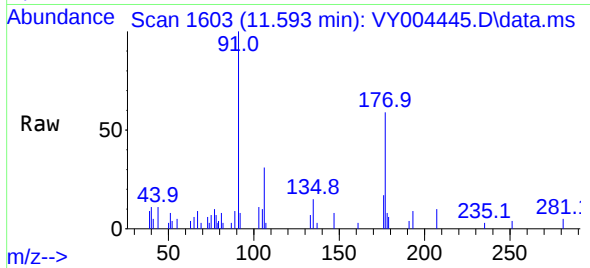




#67
Ethyl Benzene
Concen: 1.41 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

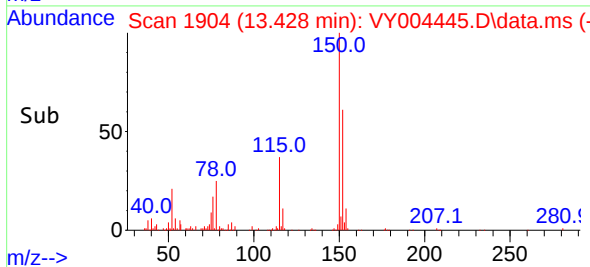
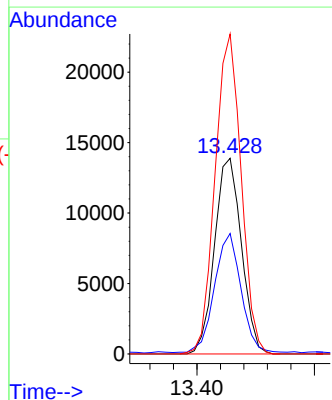
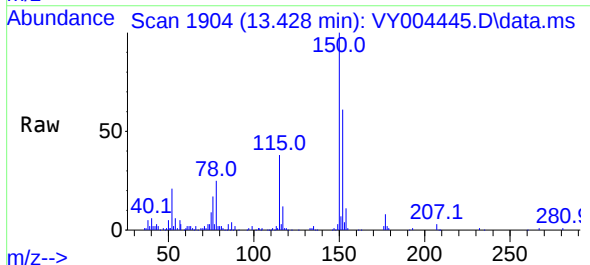
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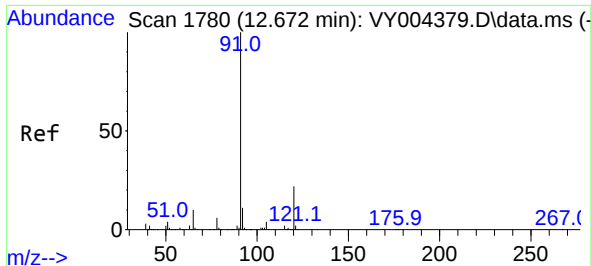
Tgt Ion: 91 Resp: 3174
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

Tgt Ion: 152 Resp: 22065
Ion Ratio Lower Upper
152 100
115 59.7 29.6 88.8
150 158.4 0.0 348.4

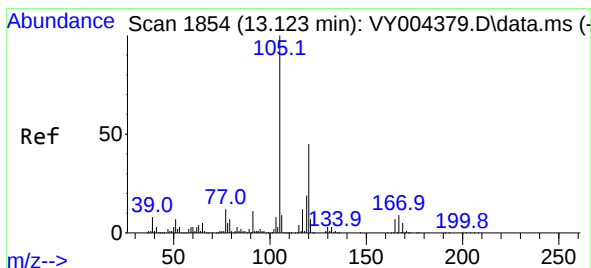
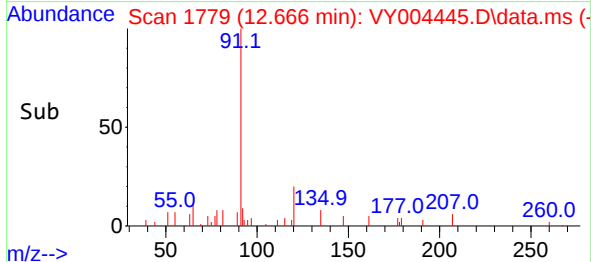
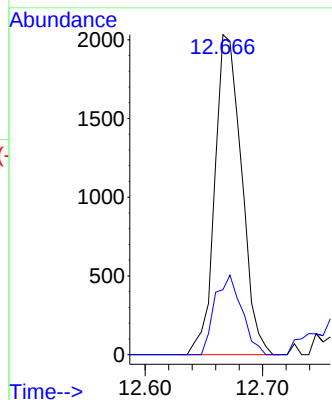
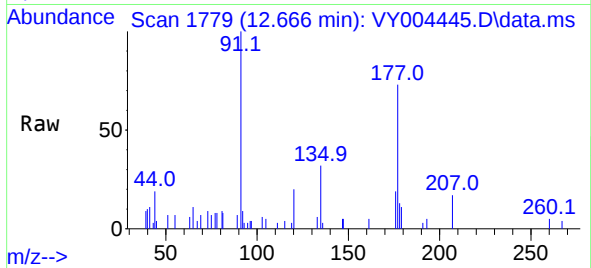




#78
n-propylbenzene
Concen: 1.60 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

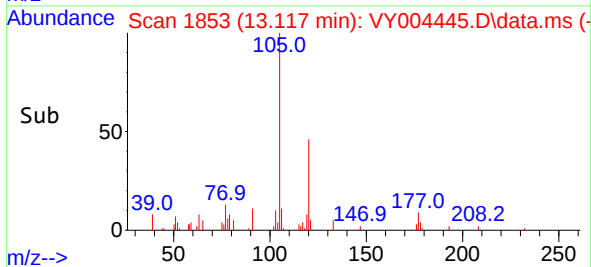
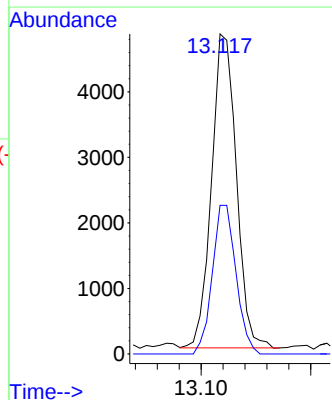
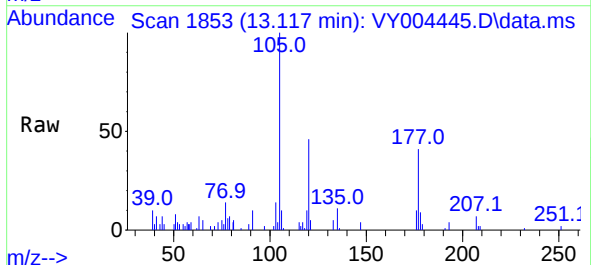
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SB-02-13.5-14.0

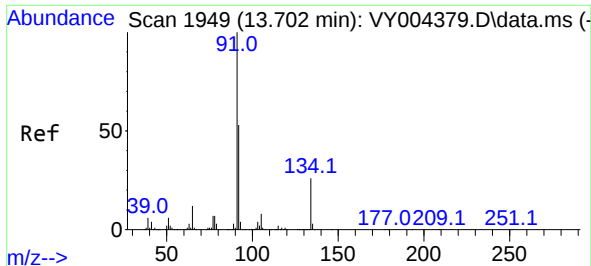
Tgt Ion: 91 Resp: 3216
Ion Ratio Lower Upper
91 100
120 25.1 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 5.39 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

Tgt Ion: 105 Resp: 7538
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3



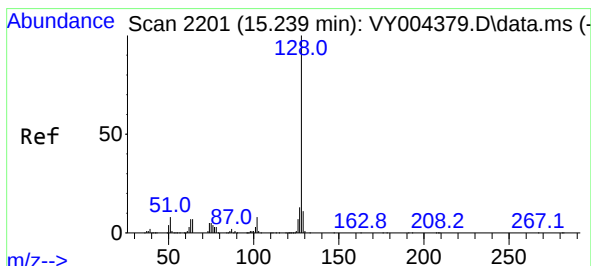
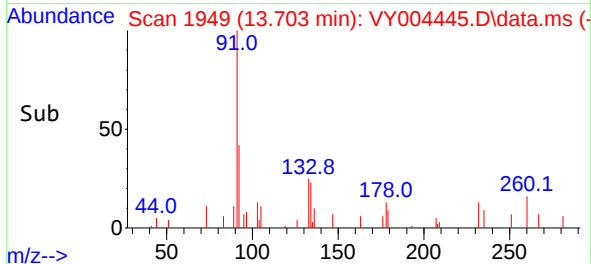
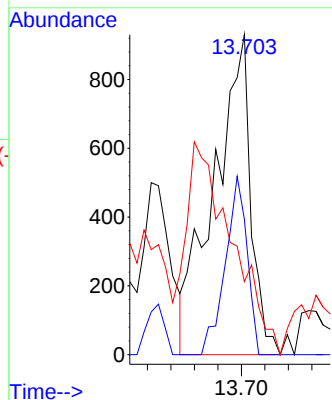
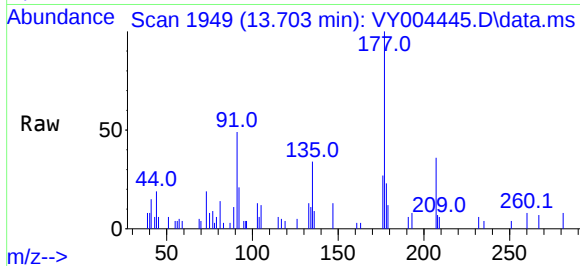


#89
n-Butylbenzene
Concen: 1.40 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-13.5-14.0

Tgt Ion: 91 Resp: 2017

Ion	Ratio	Lower	Upper
91	100		
92	33.0	26.6	79.8
134	0.0	12.7	38.1#



#95
Naphthalene
Concen: 9.00 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004445.D
Acq: 15 Apr 2021 16:54

Tgt Ion: 128 Resp: 8200

Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.2	15.2
129	12.3	8.8	13.2

