

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004586.D
 Acq On : 22 Apr 2021 15:38
 Operator : SY/MD
 Sample : M2099-07RE
 Misc : 5.80G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE

Quant Time: Apr 23 09:20:57 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)

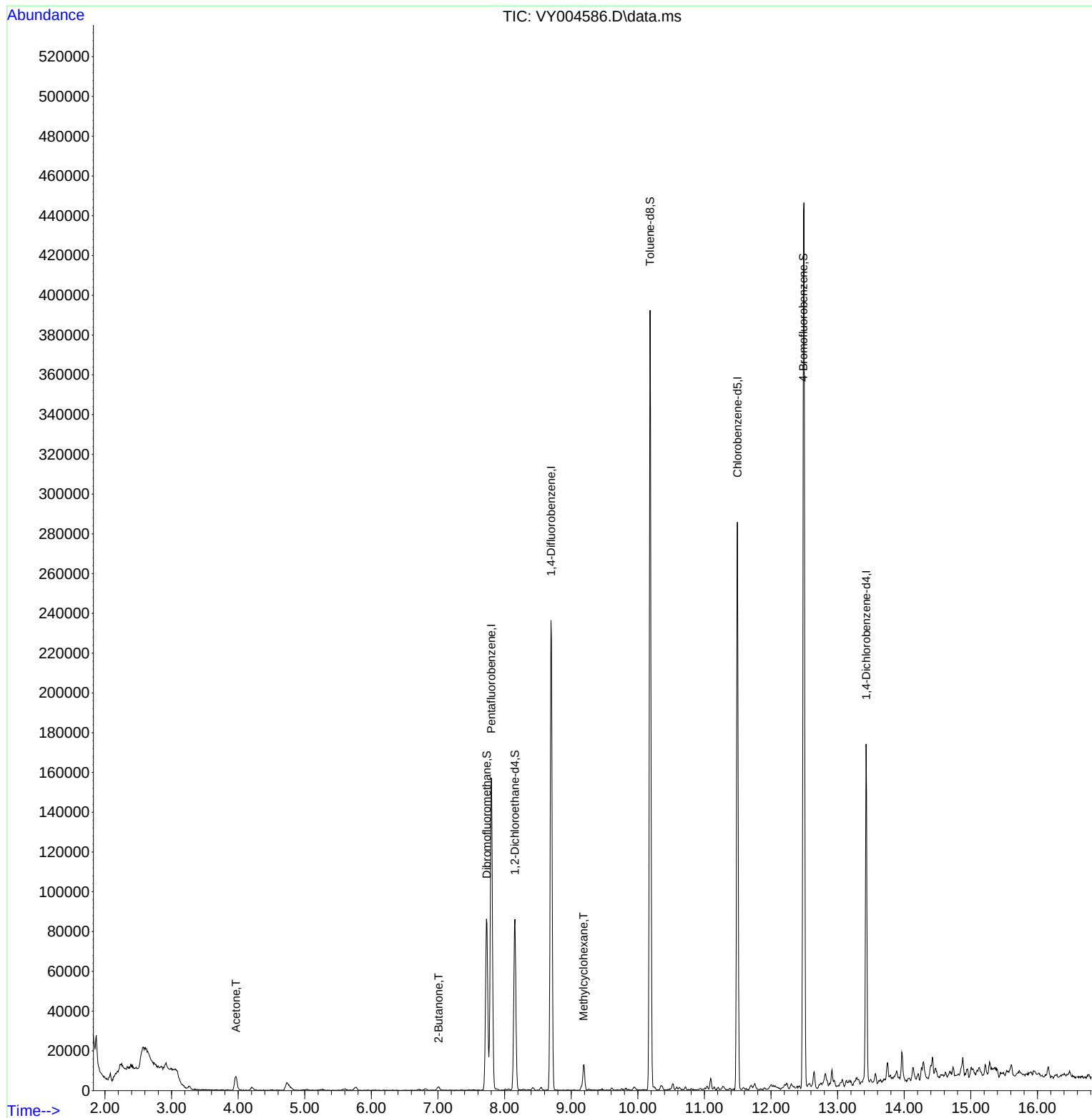
Internal Standards						
1) Pentafluorobenzene	7.801	168	115776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	193601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	143595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66277	51.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.04%
35) Dibromofluoromethane	7.734	113	59169	55.07	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.14%
50) Toluene-d8	10.185	98	232477	50.87	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.74%
62) 4-Bromofluorobenzene	12.483	95	51642	33.30	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.60%
Target Compounds						
16) Acetone	3.966	43	12409	28.40	ug/l	99
25) 2-Butanone	7.009	43	3332	6.80	ug/l #	80
39) Methylcyclohexane	9.185	83	4950	2.09	ug/l	87

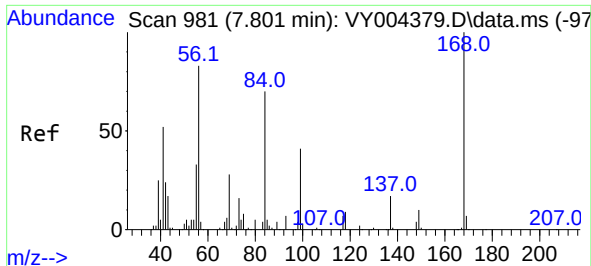
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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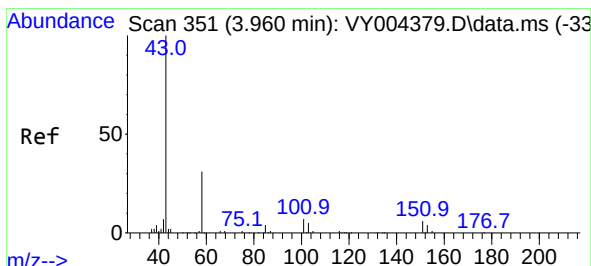
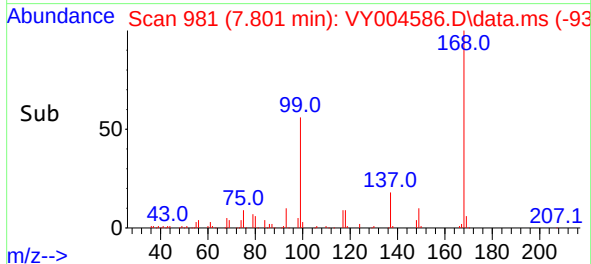
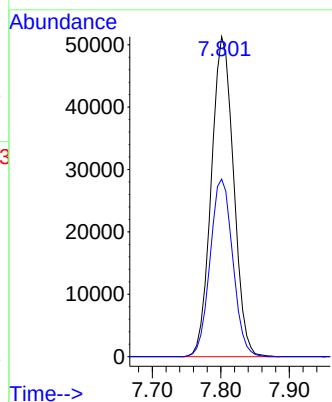
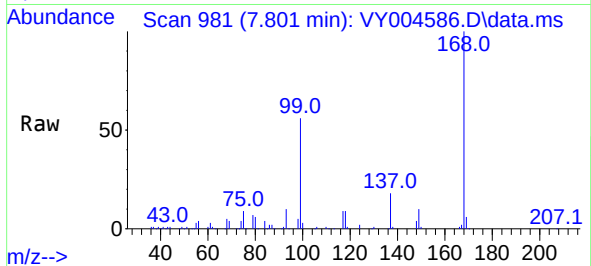




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004586.D
Acq: 22 Apr 2021 15:38

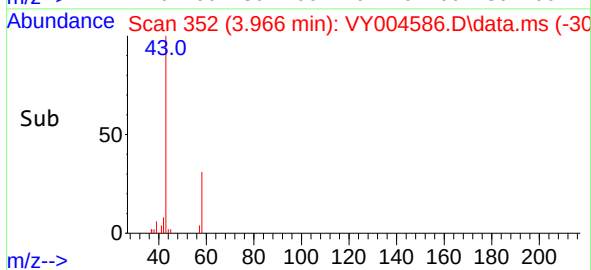
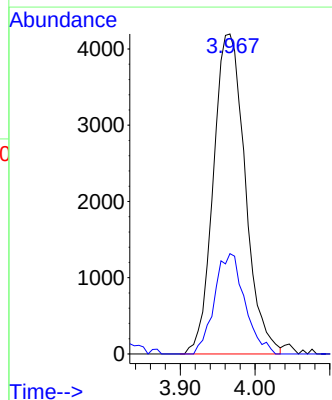
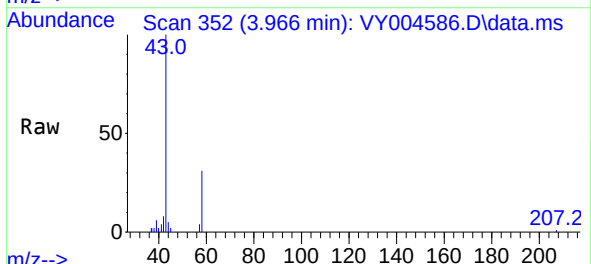
Instrument :
MSVOA_Y
ClientSampled :
TP-4RE

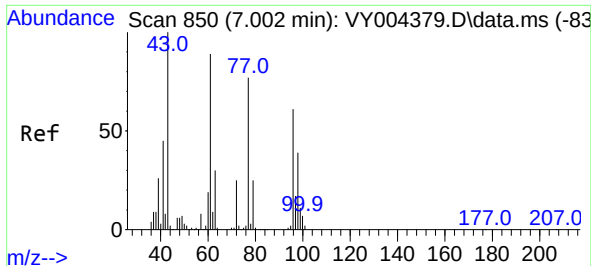
Tgt Ion:168 Resp: 115776
Ion Ratio Lower Upper
168 100
99 55.5 45.5 68.3



#16
Acetone
Concen: 28.40 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004586.D
Acq: 22 Apr 2021 15:38

Tgt Ion: 43 Resp: 12409
Ion Ratio Lower Upper
43 100
58 31.3 24.6 37.0

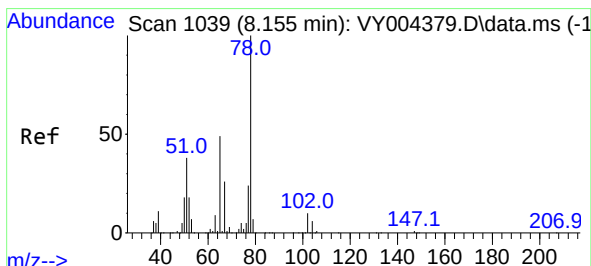
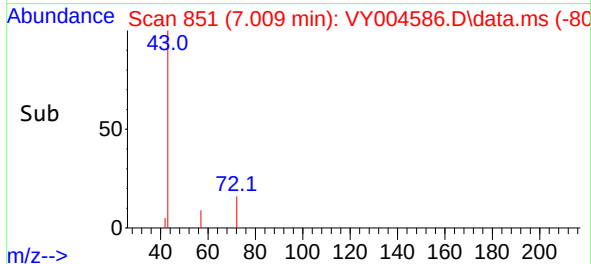
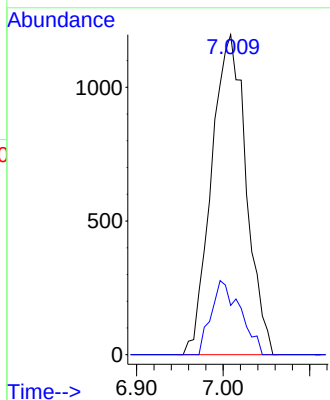
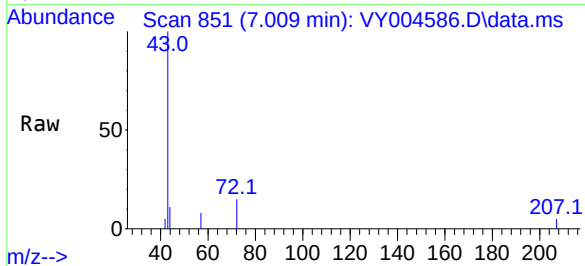




#25
2-Butanone
Concen: 6.80 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004586.D
Acq: 22 Apr 2021 15:38

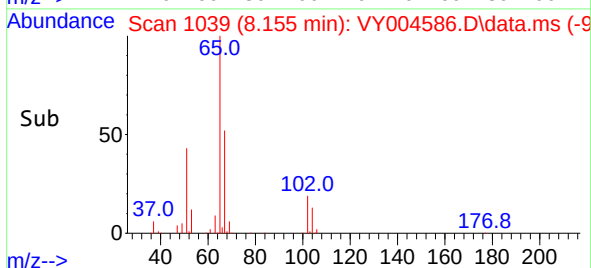
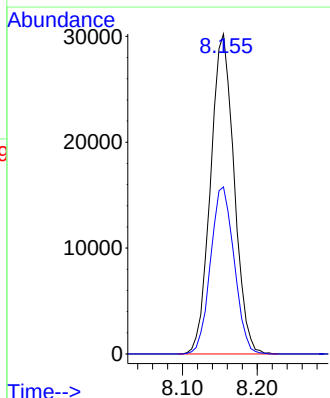
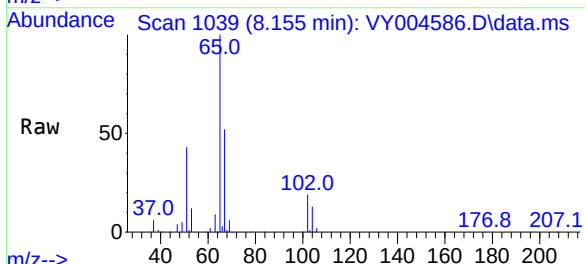
Instrument :
MSVOA_Y
ClientSampled :
TP-4RE

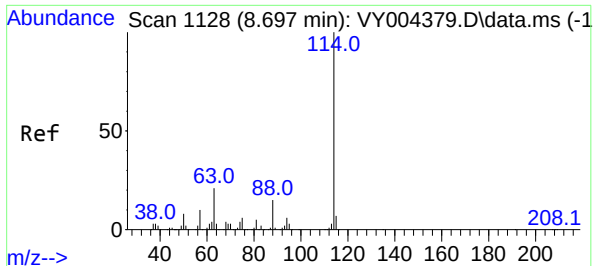
Tgt Ion: 43 Resp: 3332
Ion Ratio Lower Upper
43 100
72 15.4 20.2 30.2#



#33
1,2-Dichloroethane-d4
Concen: 51.52 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004586.D
Acq: 22 Apr 2021 15:38

Tgt Ion: 65 Resp: 66277
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.4



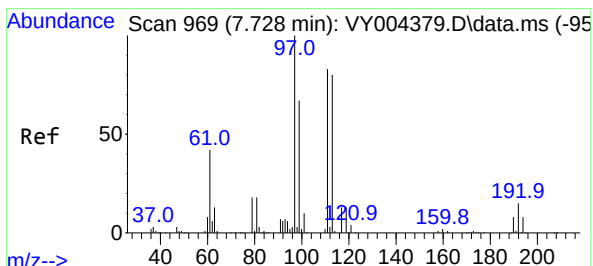
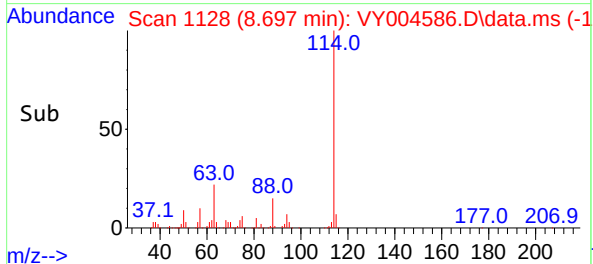
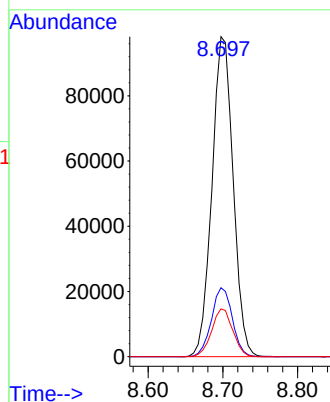
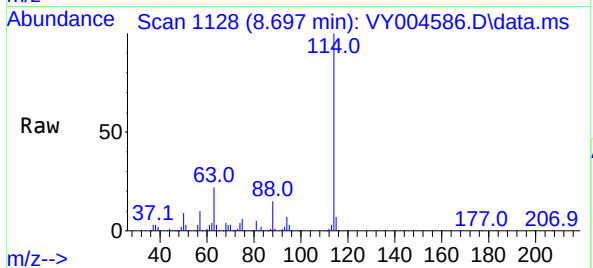


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004586.D
Acq: 22 Apr 2021 15:38

Instrument :
MSVOA_Y
ClientSampled :
TP-4RE

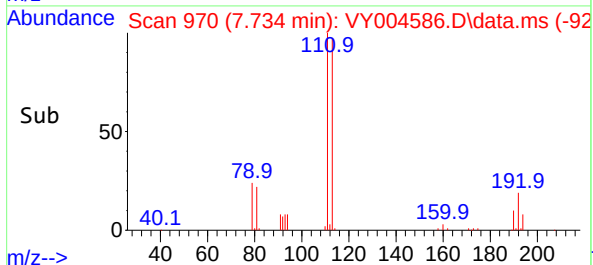
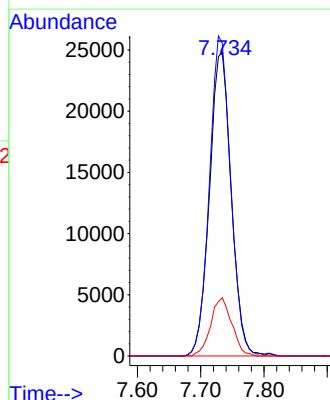
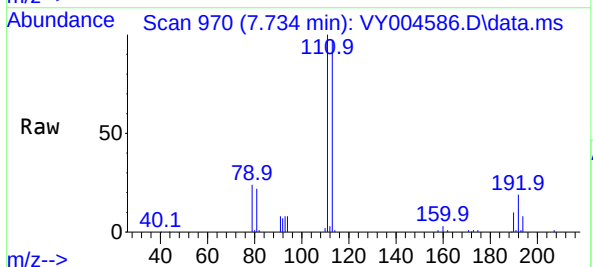
Tgt Ion:	114	Resp:	193601
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.4
88	15.0	0.0	30.8

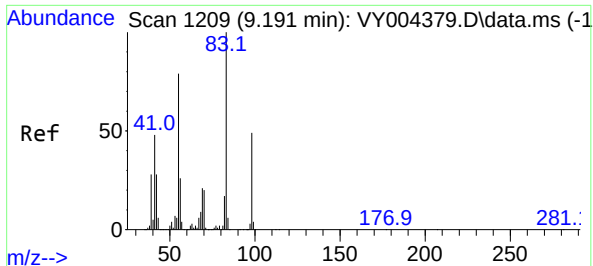


#35

Dibromofluoromethane
Concen: 55.07 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004586.D
Acq: 22 Apr 2021 15:38

Tgt Ion:	113	Resp:	59169
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	18.6	16.1	24.1

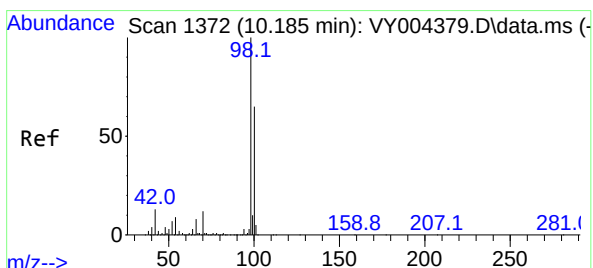
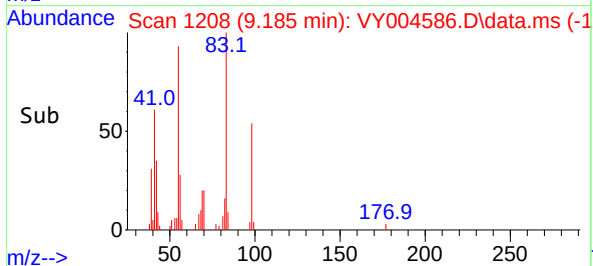
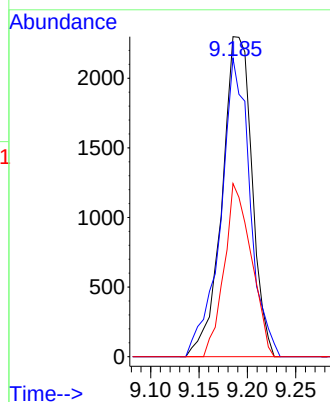
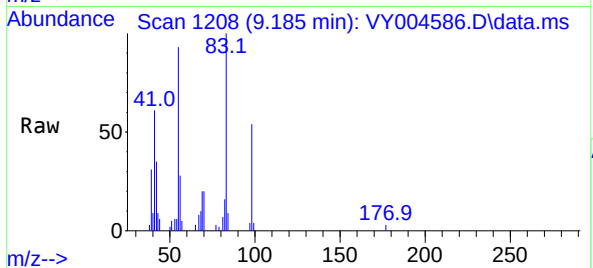




#39
Methylcyclohexane
Concen: 2.09 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004586.D
Acq: 22 Apr 2021 15:38

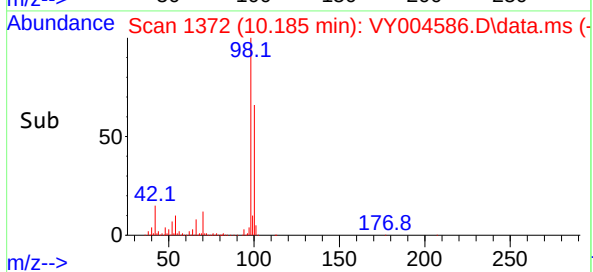
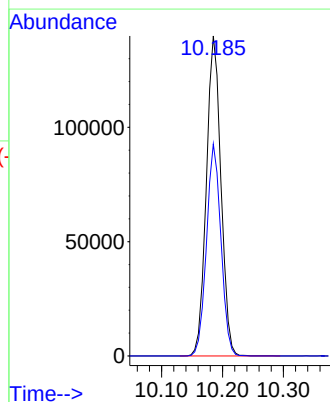
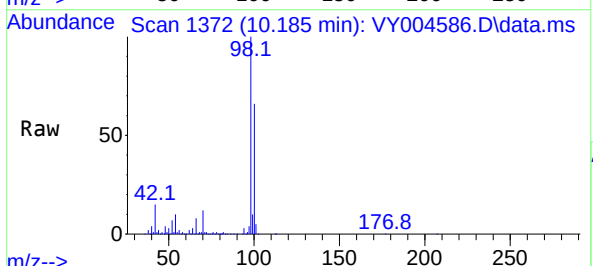
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

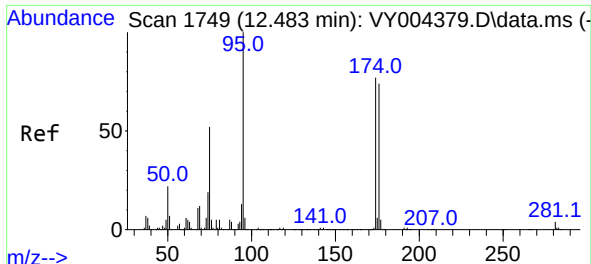
Tgt Ion: 83	Resp: 4950
Ion Ratio	Lower Upper
83 100	
55 93.3	63.0 94.4
98 54.1	39.2 58.8



#50
Toluene-d8
Concen: 50.87 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004586.D
Acq: 22 Apr 2021 15:38

Tgt Ion: 98	Resp: 232477
Ion Ratio	Lower Upper
98 100	
100 65.4	51.8 77.6

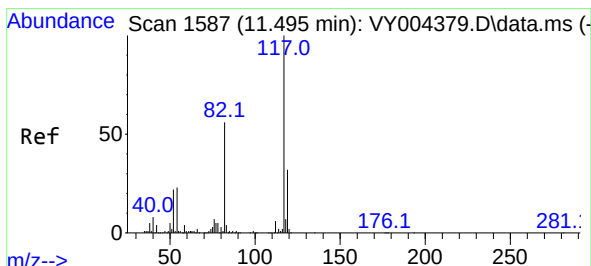
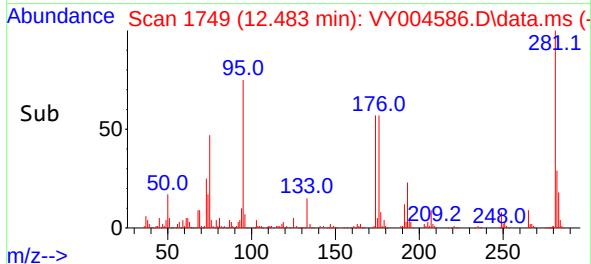
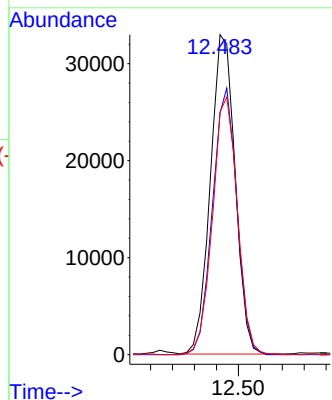
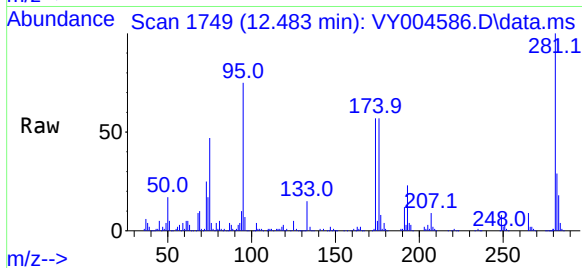




#62
4-Bromofluorobenzene
Concen: 33.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004586.D
Acq: 22 Apr 2021 15:38

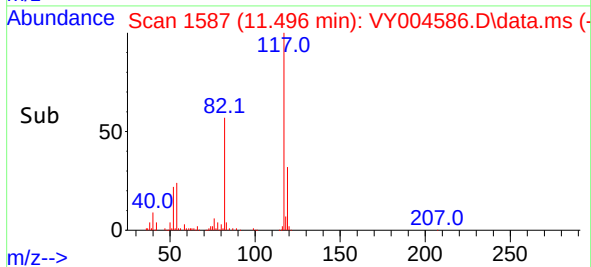
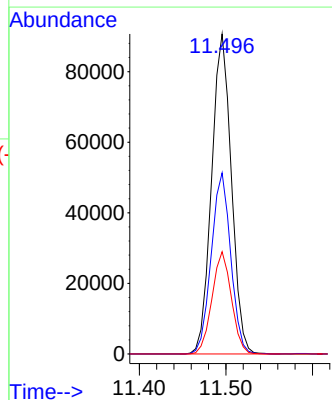
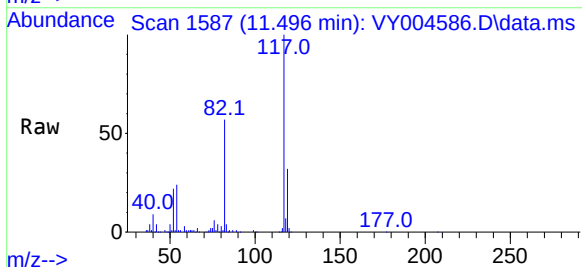
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

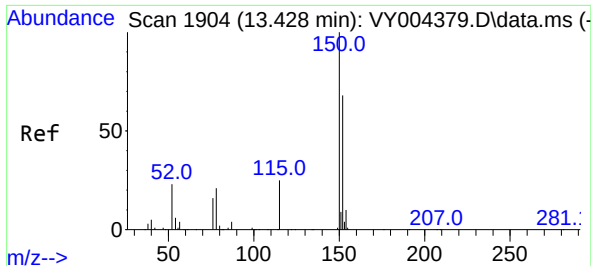
Tgt Ion:	95	Resp:	51642
Ion Ratio	Lower	Upper	
95	100		
174	82.2	0.0	162.4
176	81.2	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004586.D
Acq: 22 Apr 2021 15:38

Tgt Ion:	117	Resp:	143595
Ion Ratio	Lower	Upper	
117	100		
82	56.6	44.9	67.3
119	32.0	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004586.D
 Acq: 22 Apr 2021 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE

Tgt Ion:152 Resp: 39863

Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.6	88.8
150	154.7	0.0	348.4

