

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006293.D
 Acq On : 04 Oct 2021 21:47
 Operator : SY/MD
 Sample : M4066-01
 Misc : 6.98G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NYPD-69TH-SOIL

Quant Time: Oct 05 06:39:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

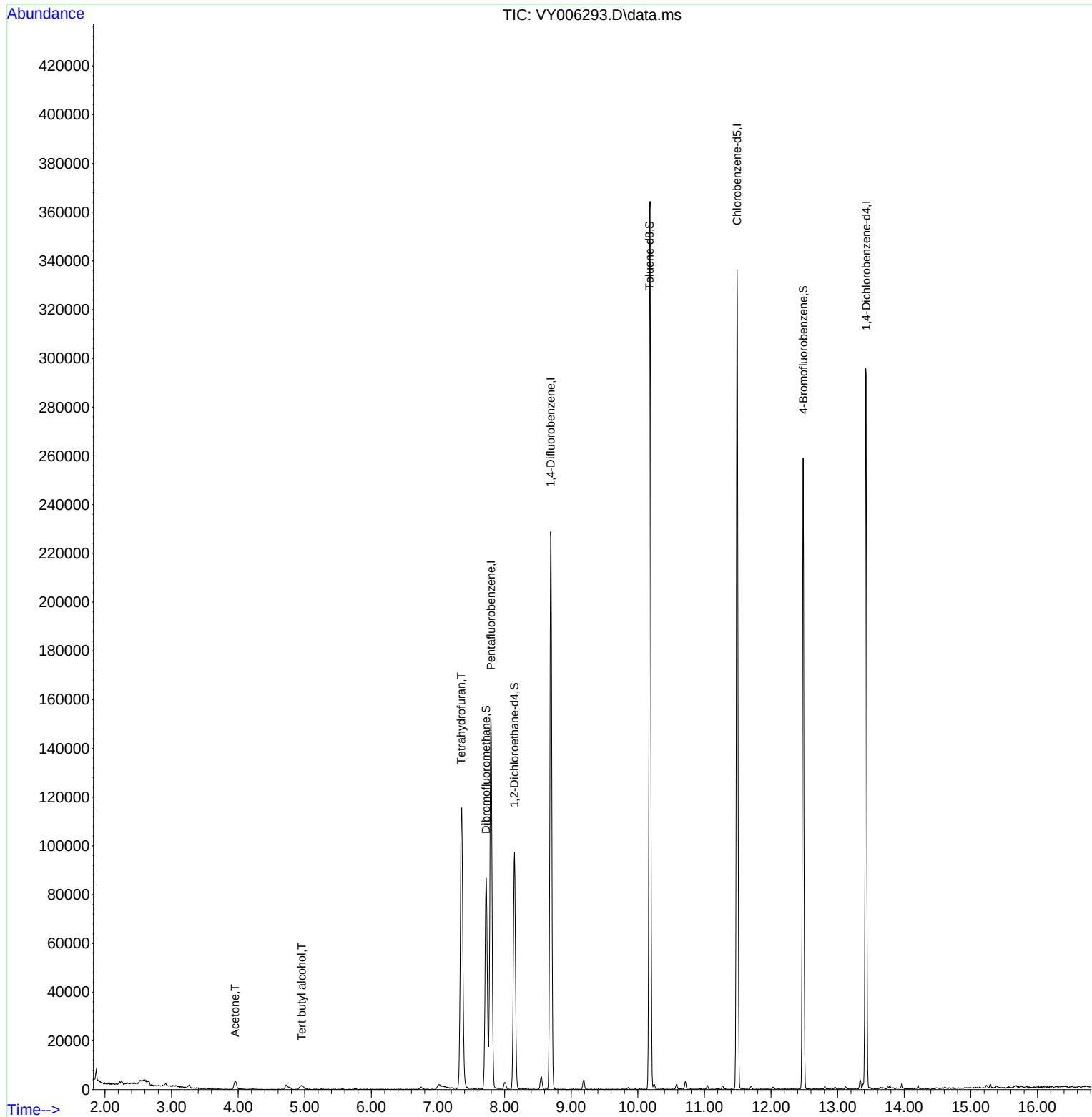
Internal Standards						
1) Pentafluorobenzene	7.795	168	117100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81507	65.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.06%
35) Dibromofluoromethane	7.722	113	56735	55.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.76%
50) Toluene-d8	10.179	98	235764	55.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.98%
62) 4-Bromofluorobenzene	12.483	95	70608	48.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.84%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	3199	29.18	ug/l #	85
16) Acetone	3.954	43	6635	18.95	ug/l #	85
29) Tetrahydrofuran	7.350	42	92073	298.94	ug/l	93

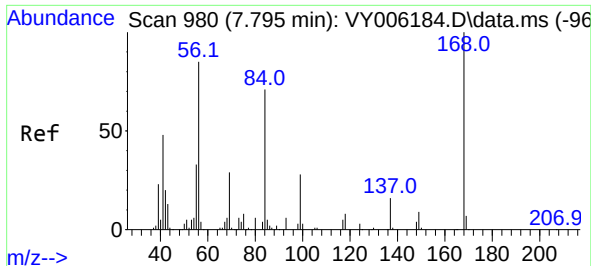
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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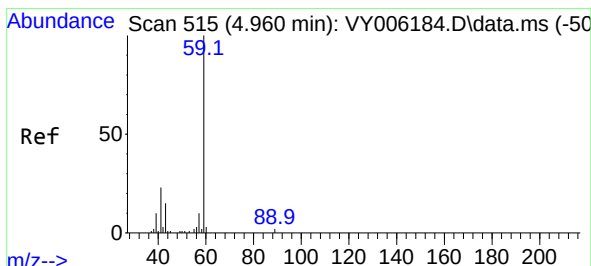
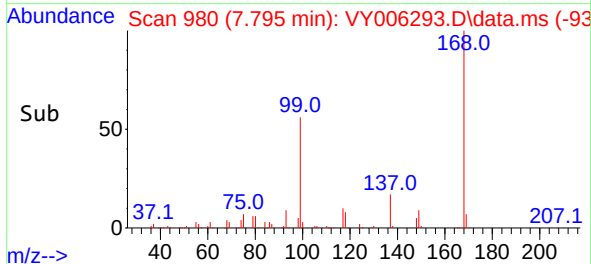
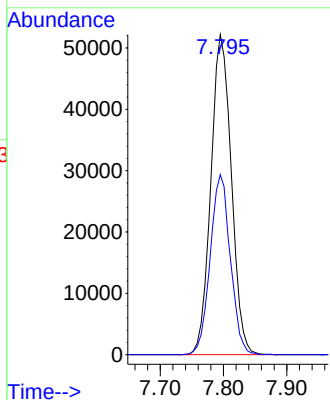
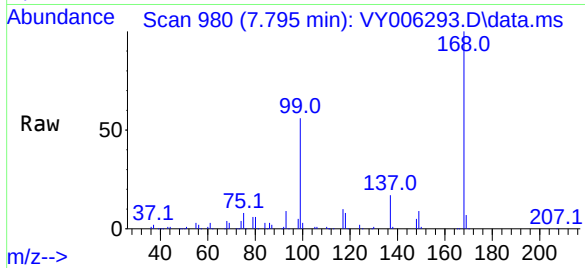




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

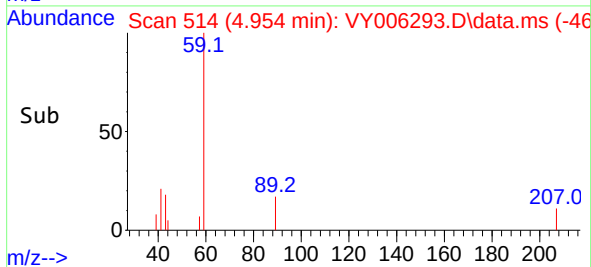
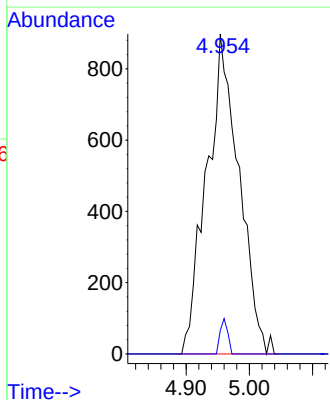
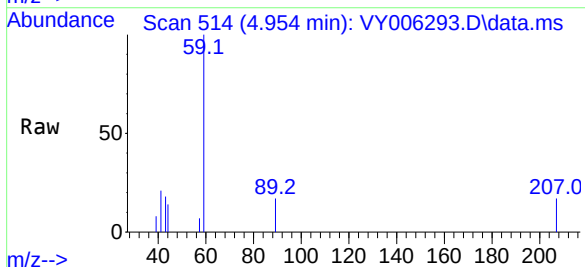
Instrument :
MSVOA_Y
ClientSampleId :
NYPD-69TH-SOIL

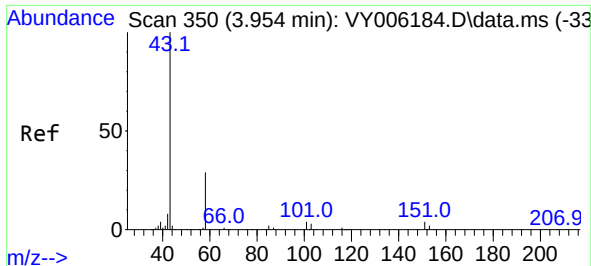
Tgt Ion:168 Resp: 117100
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 29.18 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Tgt Ion: 59 Resp: 3199
Ion Ratio Lower Upper
59 100
57 2.6 6.4 9.6#

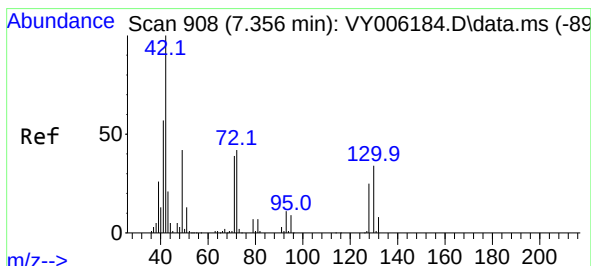
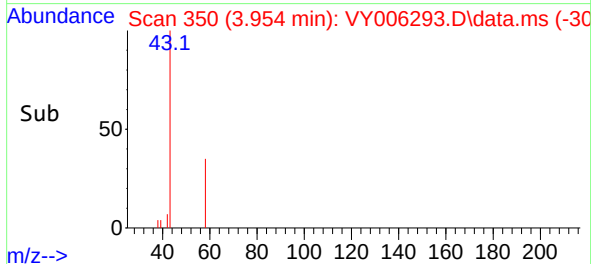
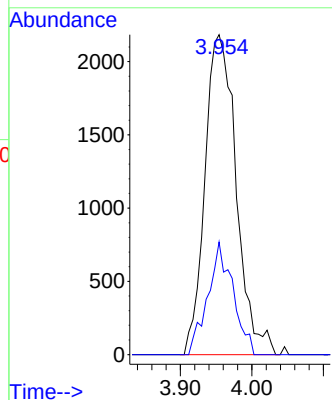
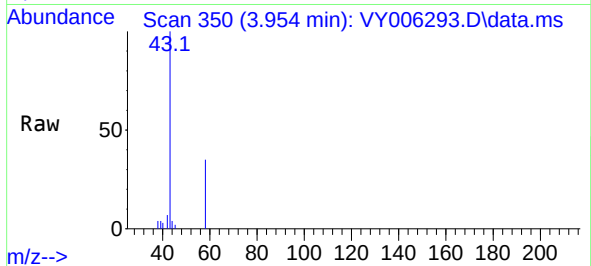




#16
Acetone
Concen: 18.95 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

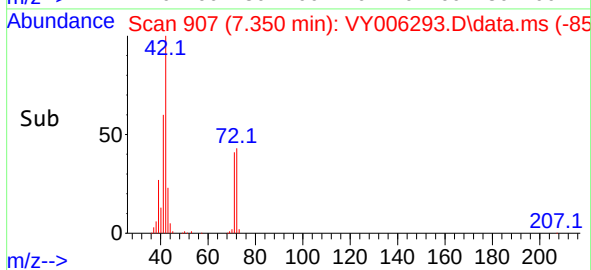
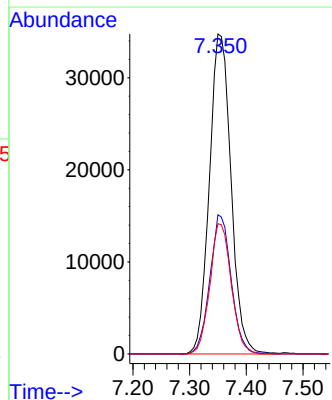
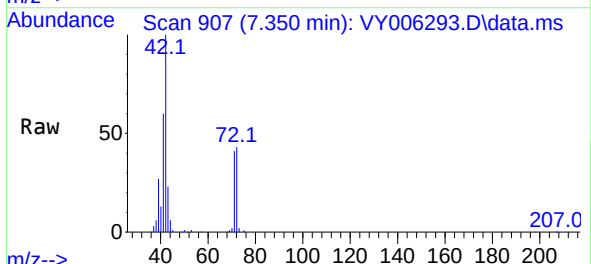
Instrument :
MSVOA_Y
ClientSampleId :
NYPD-69TH-SOIL

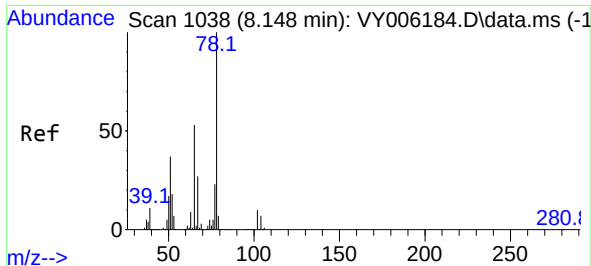
Tgt Ion: 43 Resp: 6635
Ion Ratio Lower Upper
43 100
58 35.2 22.0 33.0#



#29
Tetrahydrofuran
Concen: 298.94 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Tgt Ion: 42 Resp: 92073
Ion Ratio Lower Upper
42 100
72 42.8 30.3 45.5
71 40.1 29.0 43.4

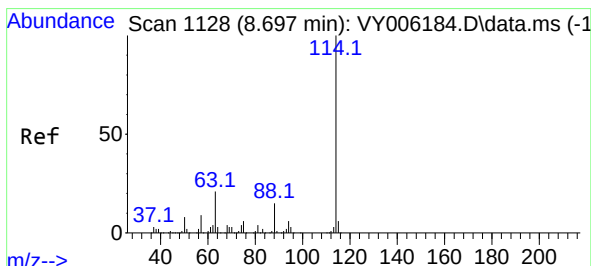
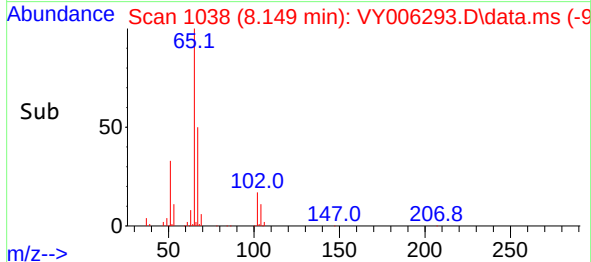
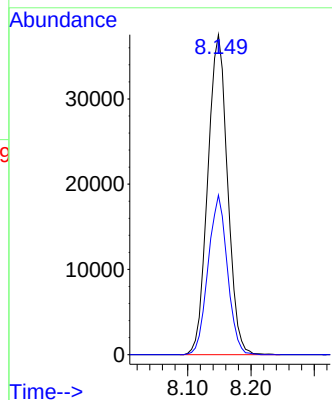
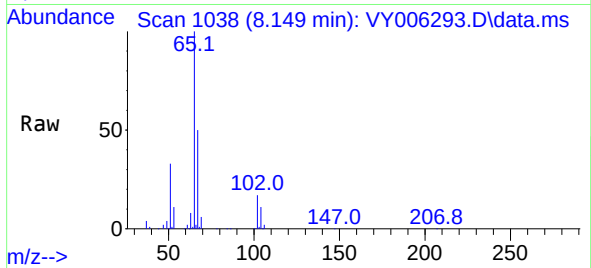




#33
1,2-Dichloroethane-d4
Concen: 65.03 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

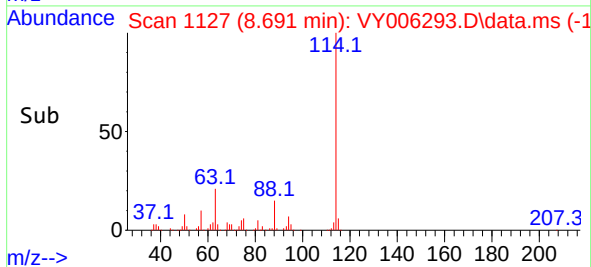
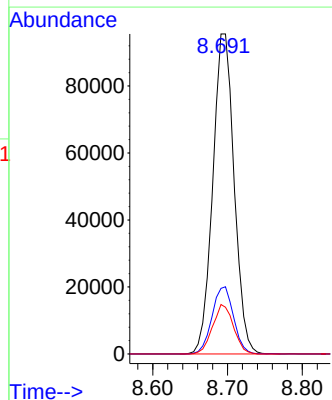
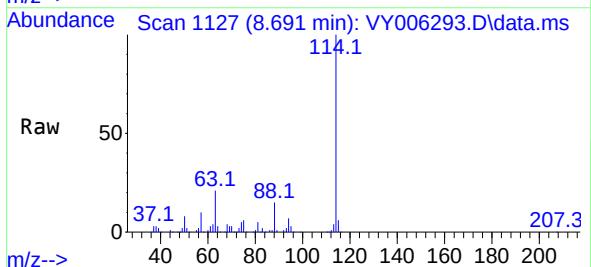
Instrument :
MSVOA_Y
ClientSampleId :
NYPD-69TH-SOIL

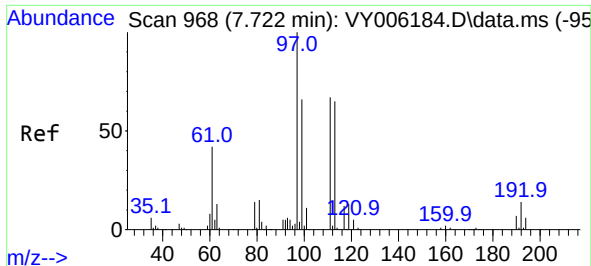
Tgt Ion: 65 Resp: 81507
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Tgt Ion:114 Resp: 190032
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 15.4 0.0 31.8

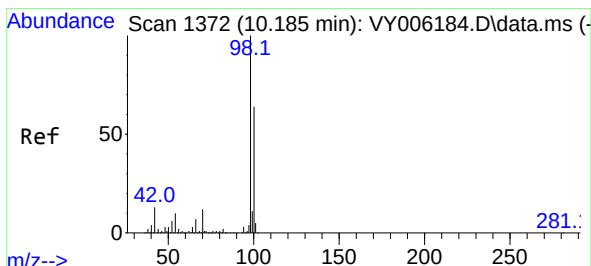
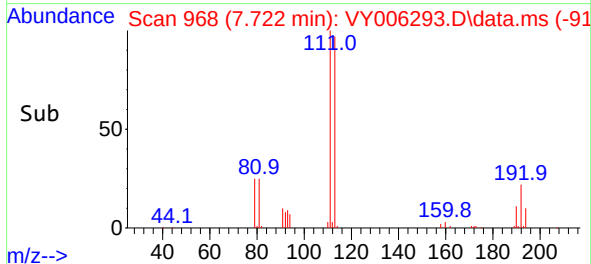
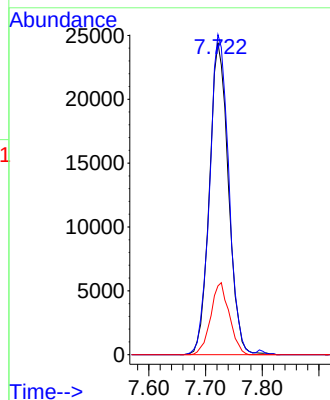
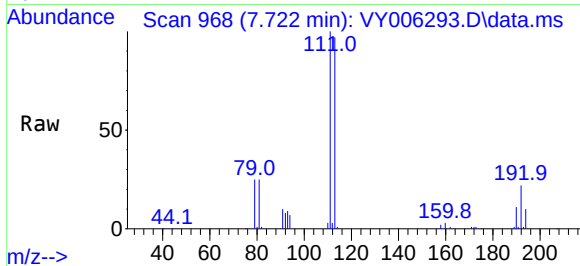




#35
Dibromofluoromethane
Concen: 55.88 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

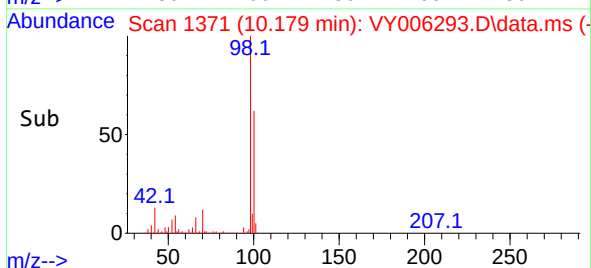
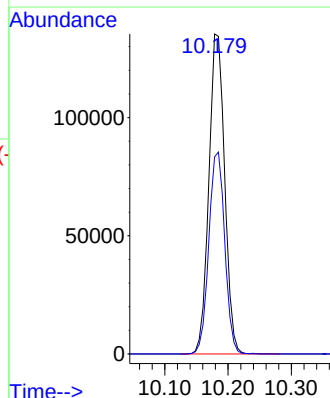
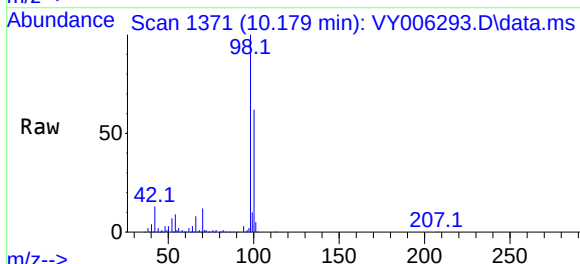
Instrument :
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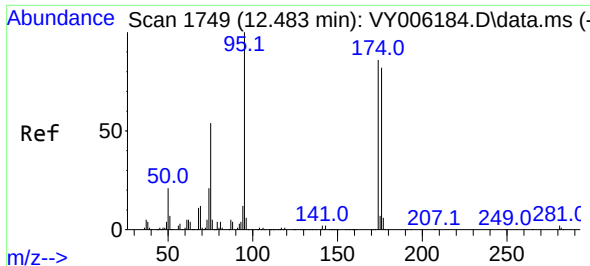
Tgt Ion:	113	Resp:	56735
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	22.6	17.6	26.4



#50
Toluene-d8
Concen: 55.49 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Tgt Ion:	98	Resp:	235764
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.2	75.2



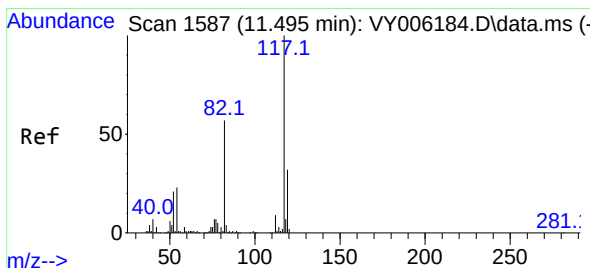
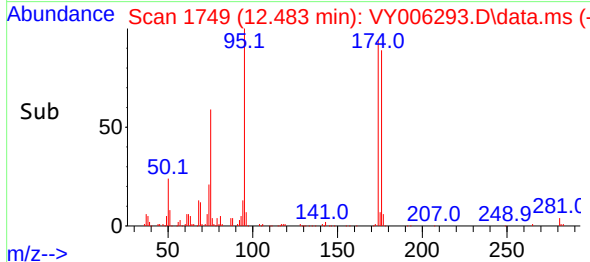
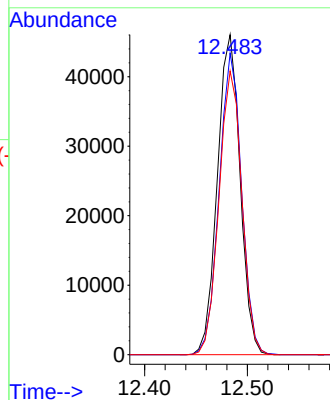
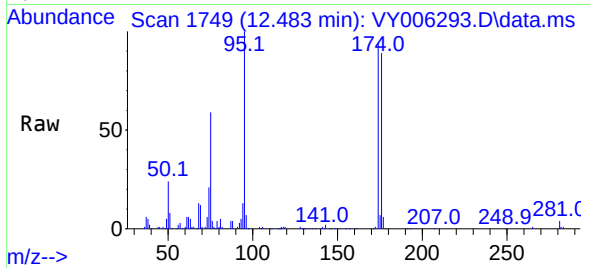


#62
4-Bromofluorobenzene
Concen: 48.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Instrument :
MSVOA_Y
ClientSampleId :
NYPD-69TH-SOIL

Tgt Ion: 95 Resp: 70608

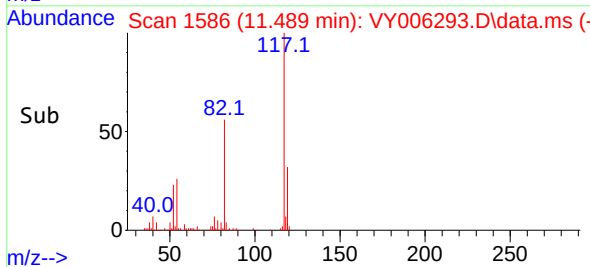
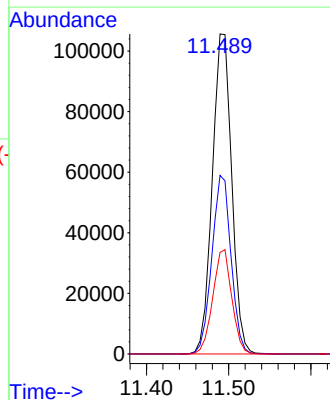
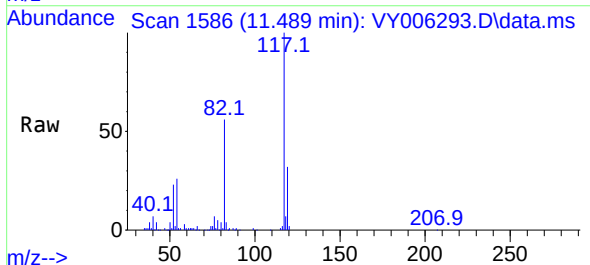
Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	177.0
176	89.3	0.0	175.8



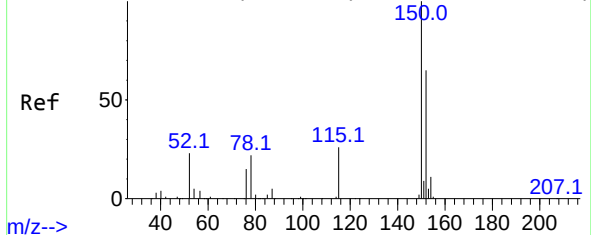
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Tgt Ion: 117 Resp: 173245

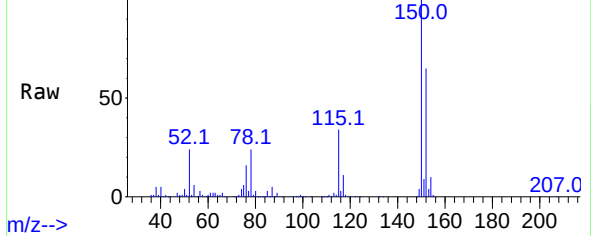
Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.0	64.4
119	31.8	25.4	38.0



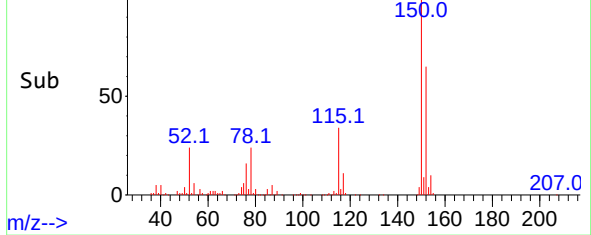
Abundance Scan 1904 (13.428 min): VY006184.D\data.ms (-



Abundance Scan 1904 (13.428 min): VY006293.D\data.ms (-

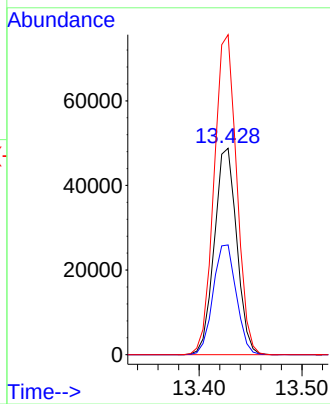


Abundance Scan 1904 (13.428 min): VY006293.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.2	84.7
150	155.9	0.0	347.6



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