

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	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73920	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81507	65.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.060%	
35) Dibromofluoromethane	7.722	113	56735	55.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.760%	
50) Toluene-d8	10.179	98	235764	55.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.980%	
62) 4-Bromofluorobenzene	12.483	95	70608	48.916	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.840%	

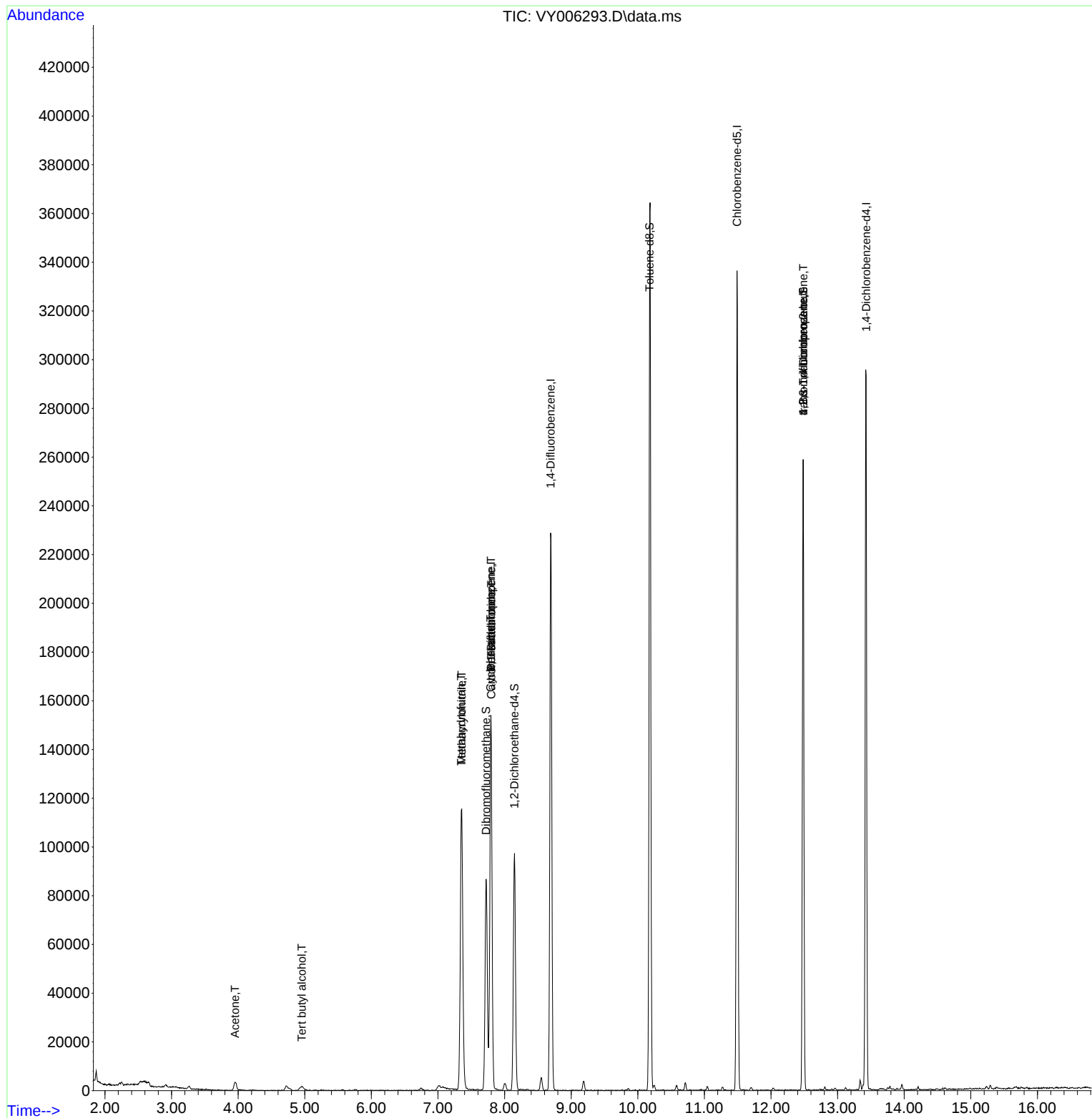
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.954	59	3199	29.179	ug/l #	85
16) Acetone	3.954	43	6635	18.954	ug/l #	85
20) Methylene Chloride	4.728	84	1211	Below Cal	#	75
29) Tetrahydrofuran	7.350	42	92073	298.937	ug/l	93
31) Cyclohexane	7.789	56	3087	1.300	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	9427	4.986	ug/l #	50
38) Carbon Tetrachloride	7.801	117	11873	5.947	ug/l #	16
41) Methacrylonitrile	7.356	41	55395	77.533	ug/l #	37
76) 1,2,3-Trichloropropane	12.483	75	41487	57.744	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41487	113.475	ug/l #	7

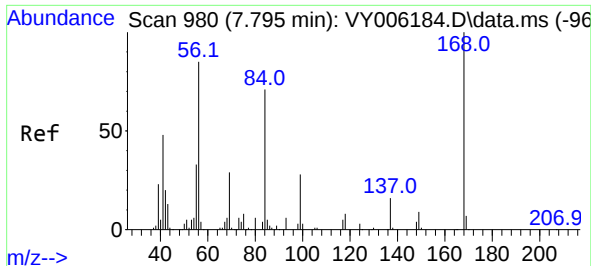
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
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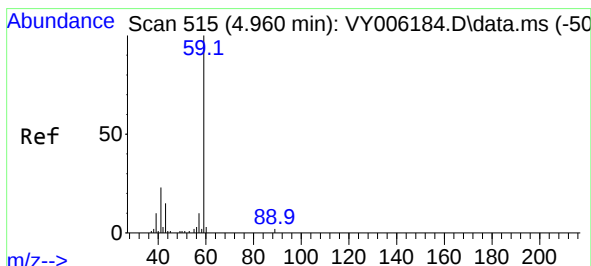
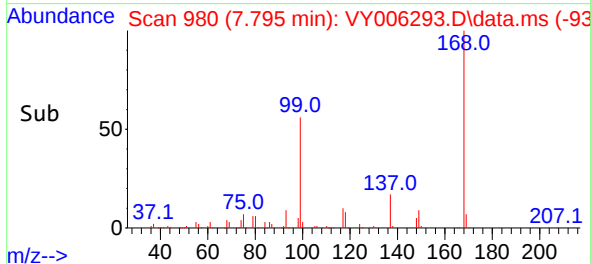
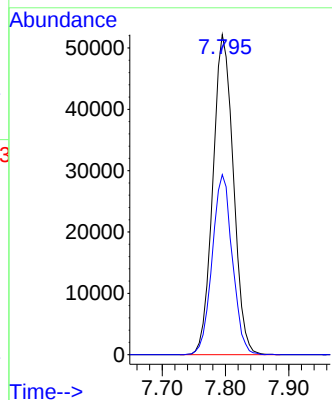
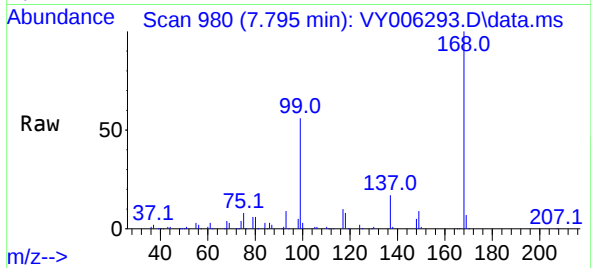




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

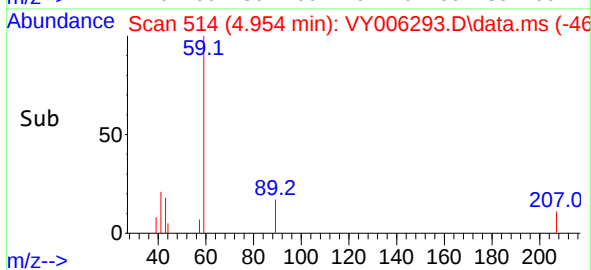
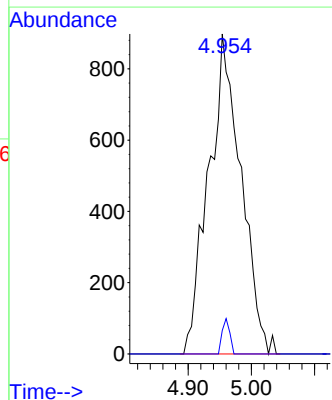
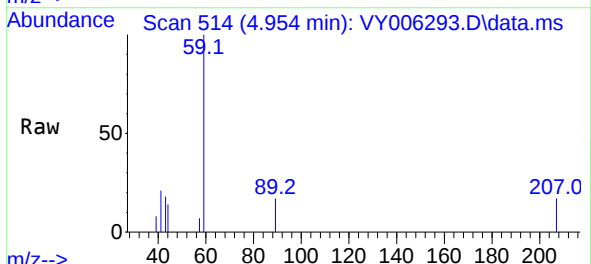
Instrument :
MSVOA_Y
ClientSampleId :
NYPD-69TH-SOIL

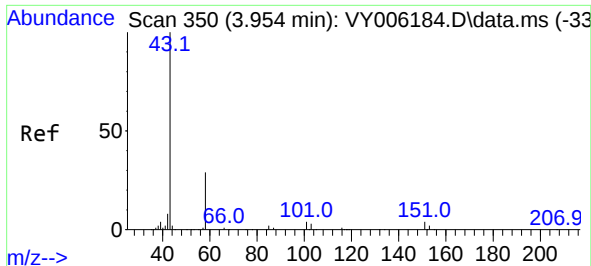
Tgt Ion:168 Resp: 117100
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 29.179 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

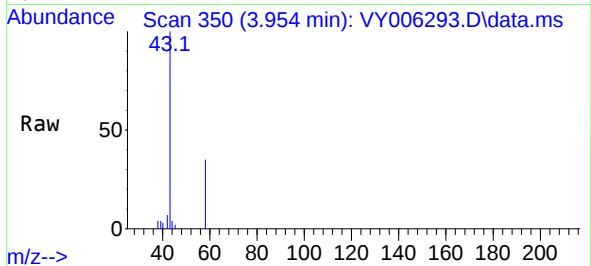
Tgt Ion: 59 Resp: 3199
Ion Ratio Lower Upper
59 100
57 2.6 6.4 9.6#



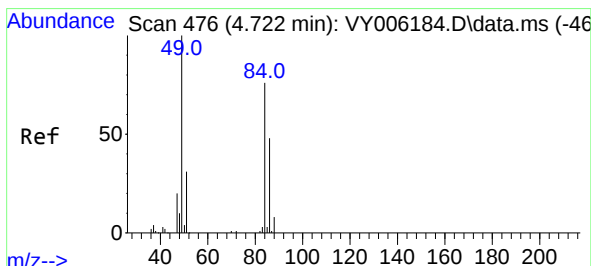
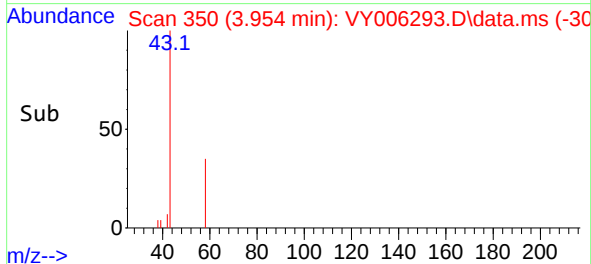
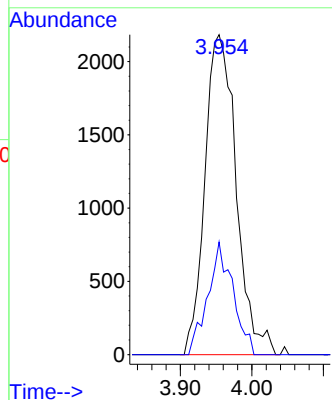


#16
Acetone
Concen: 18.954 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Instrument :
MSVOA_Y
ClientSampleId :
NYPD-69TH-SOIL

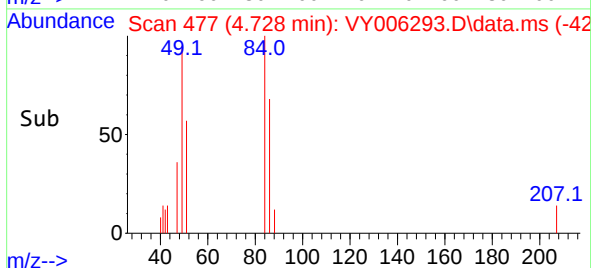
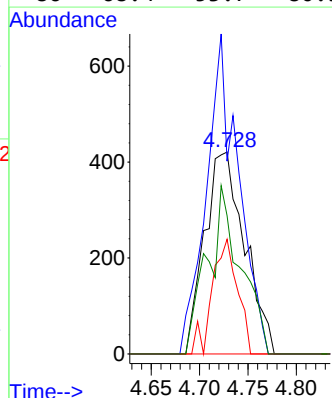
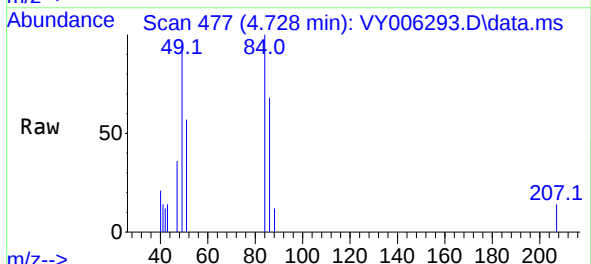


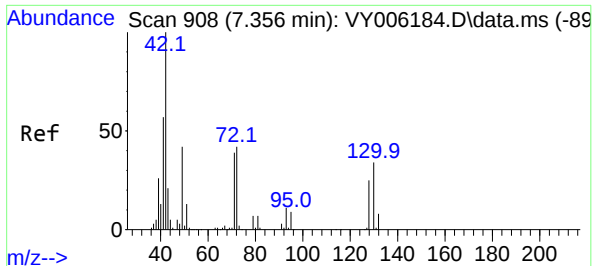
Tgt Ion: 43 Resp: 6635
Ion Ratio Lower Upper
43 100
58 35.2 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Tgt Ion: 84 Resp: 1211
Ion Ratio Lower Upper
84 100
49 95.5 114.4 171.6#
51 56.8 35.3 52.9#
86 68.4 53.7 80.5





#29

Tetrahydrofuran

Concen: 298.937 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY006293.D

Acq: 04 Oct 2021 21:47

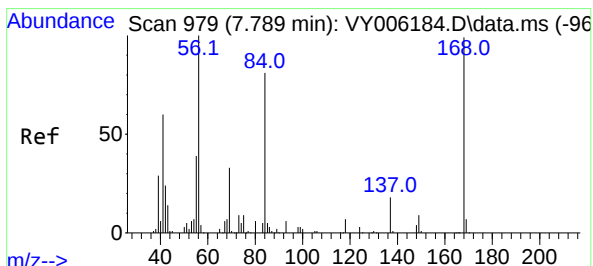
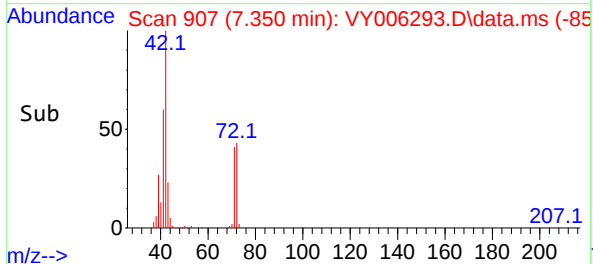
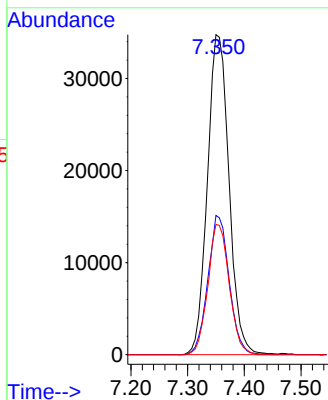
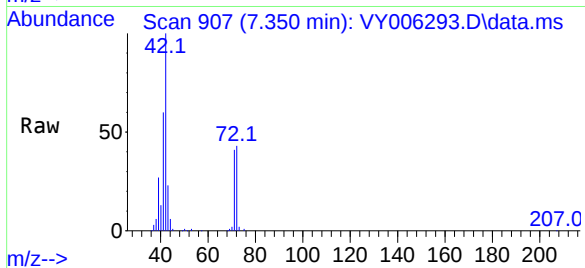
Tgt Ion: 42 Resp: 92073

Ion Ratio Lower Upper

42 100

72 42.8 30.3 45.5

71 40.1 29.0 43.4



#31

Cyclohexane

Concen: 1.300 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY006293.D

Acq: 04 Oct 2021 21:47

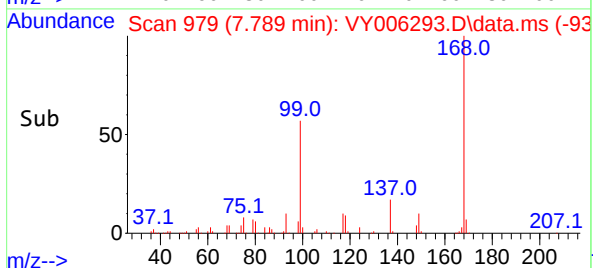
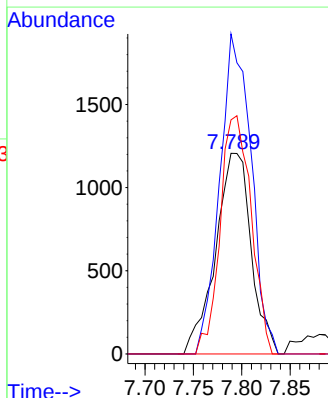
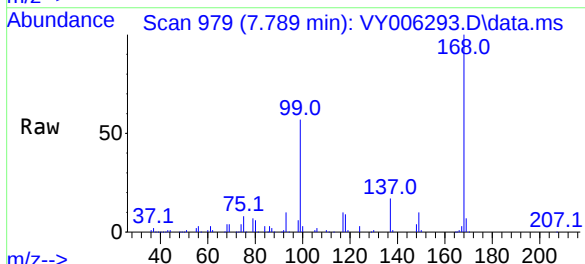
Tgt Ion: 56 Resp: 3087

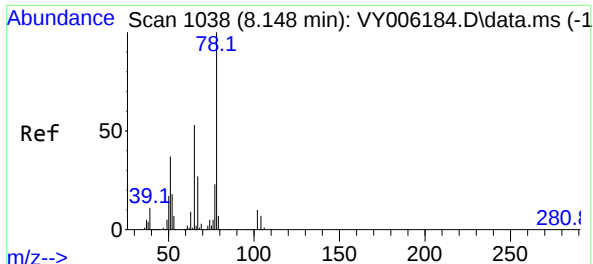
Ion Ratio Lower Upper

56 100

69 159.5 26.7 40.1#

84 116.7 67.2 100.8#

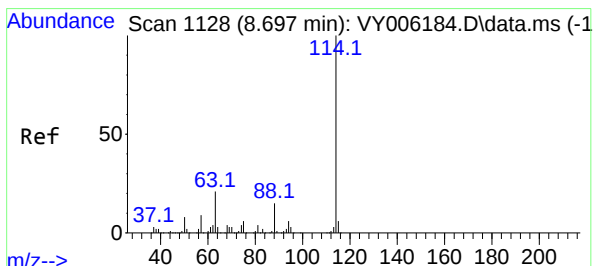
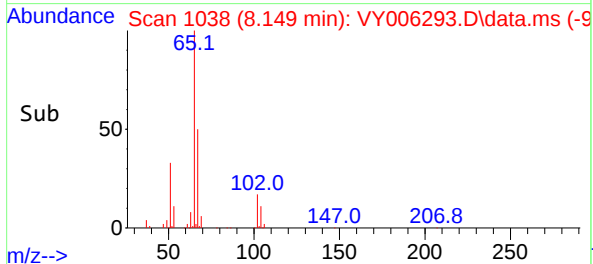
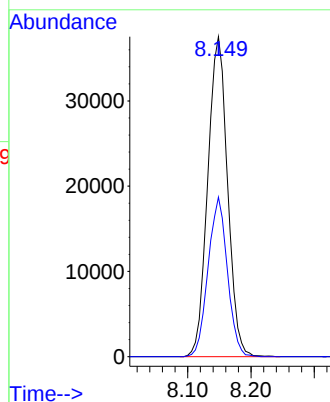
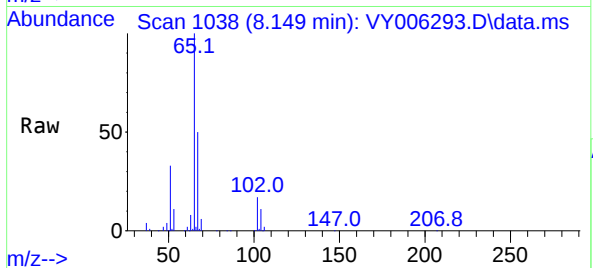




#33
1,2-Dichloroethane-d4
Concen: 65.033 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

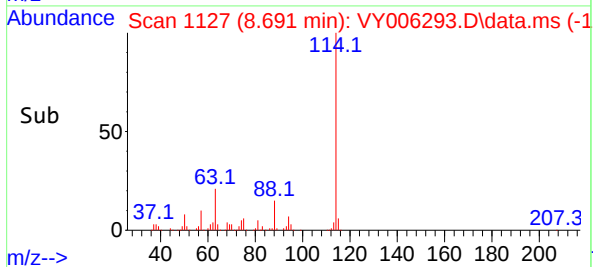
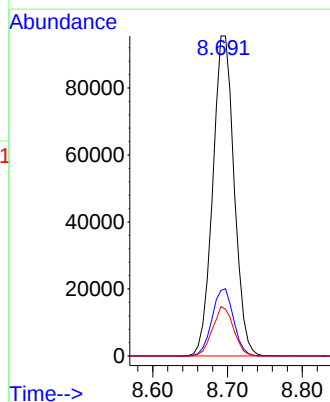
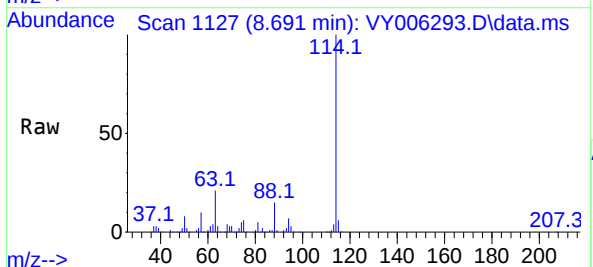
Instrument :
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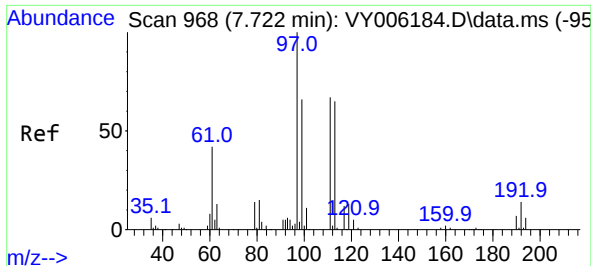
Tgt Ion: 65 Resp: 81507
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: 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

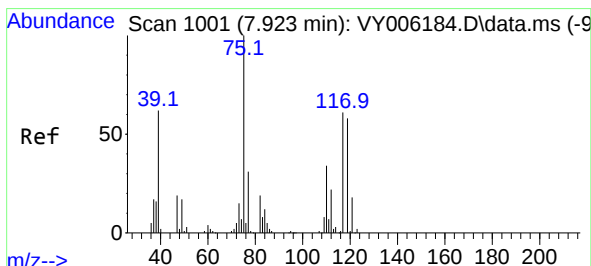
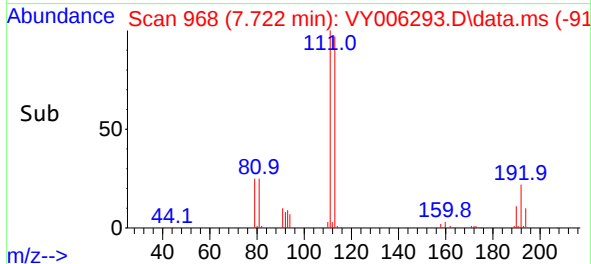
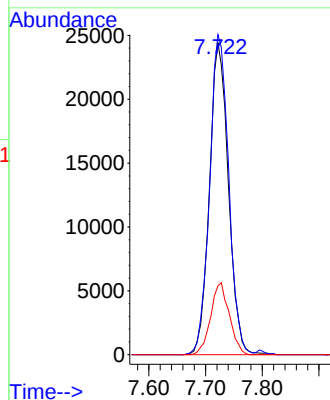
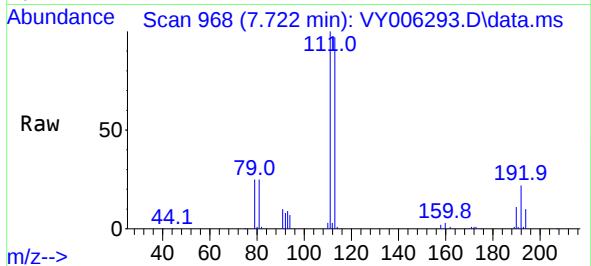




#35
Dibromofluoromethane
Concen: 55.882 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

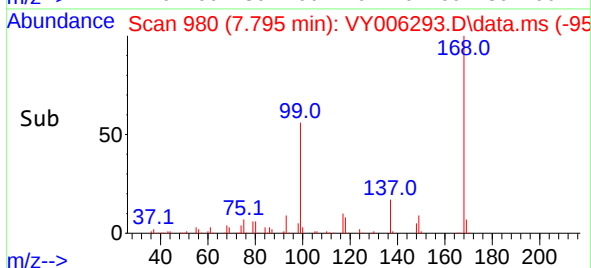
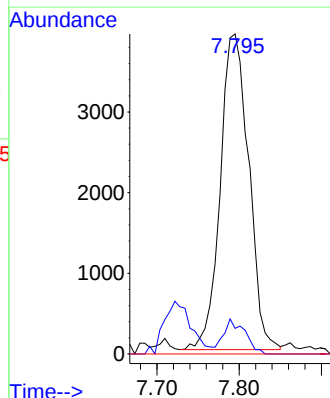
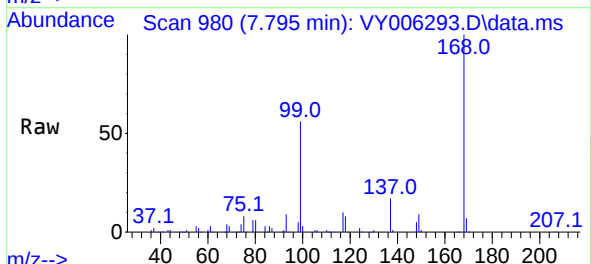
Instrument :
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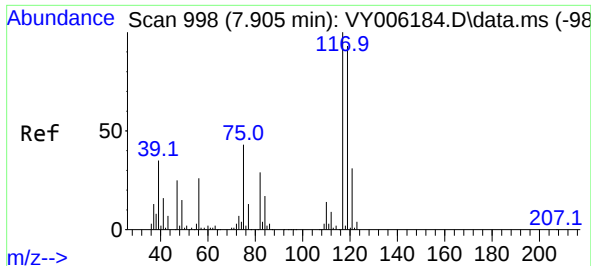
Tgt Ion:	113	Resp:	56735
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	22.6	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

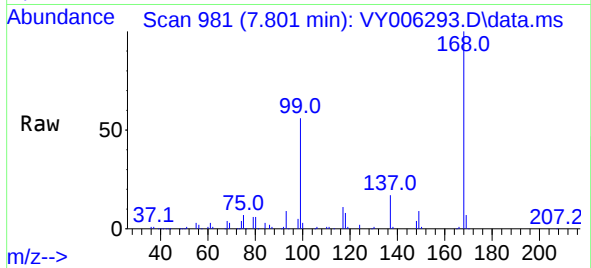
Tgt Ion:	75	Resp:	9427
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.1	51.2#
77	0.0	24.4	36.6#



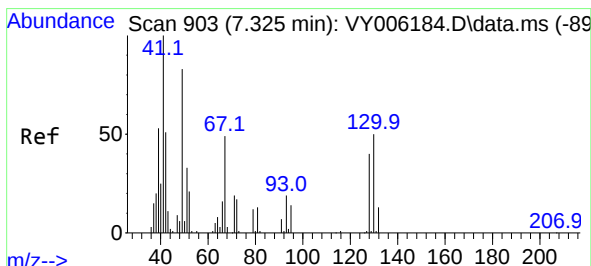
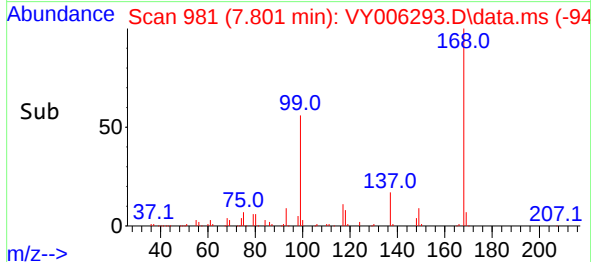
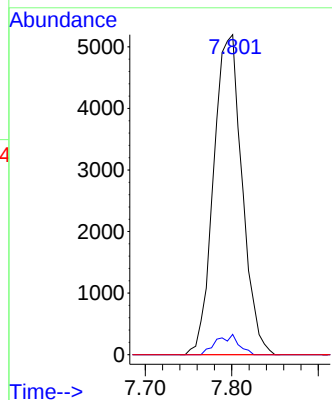


#38
Carbon Tetrachloride
Concen: 5.947 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Instrument :
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ClientSampleId :
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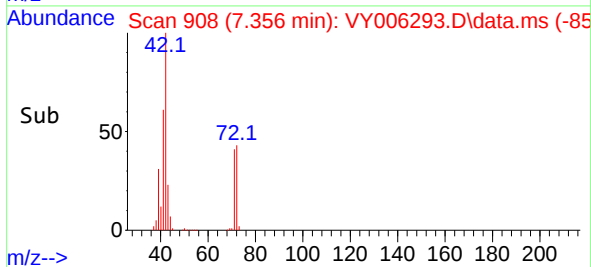
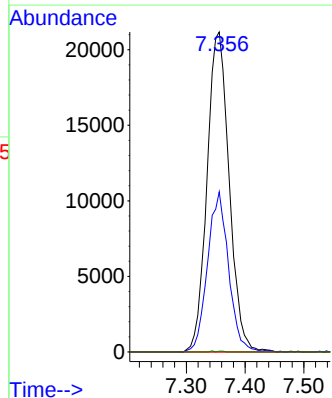
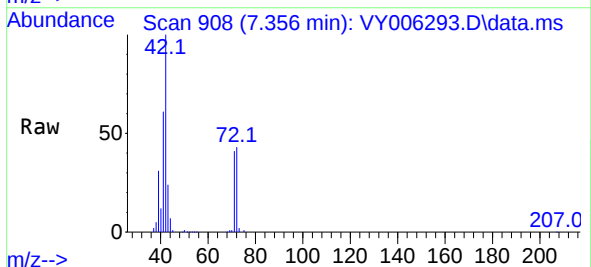


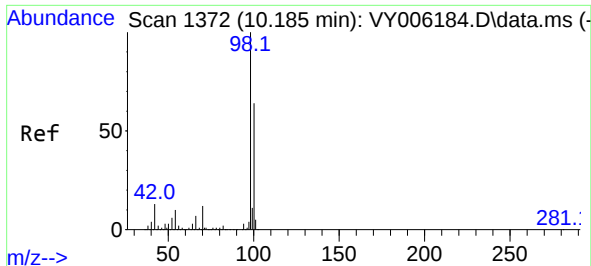
Tgt Ion: 117 Resp: 11873
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 77.533 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.031 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Tgt Ion: 41 Resp: 55395
Ion Ratio Lower Upper
41 100
39 47.4 92.9 139.3#
67 0.0 0.0 0.0
52 0.1 0.0 0.0#

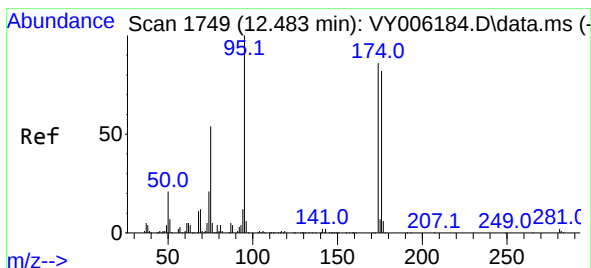
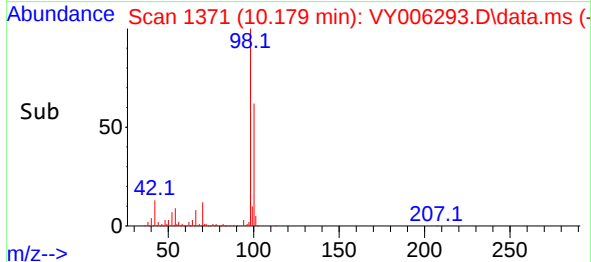
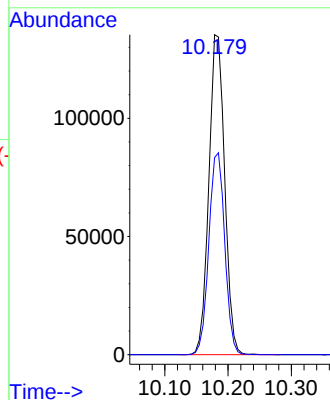
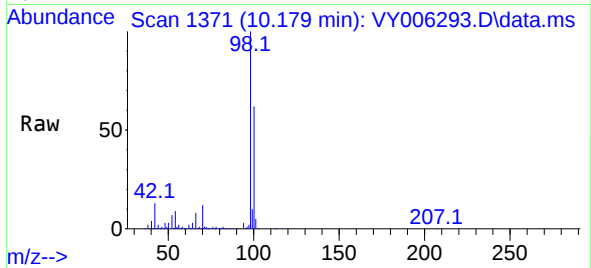




#50
Toluene-d8
Concen: 55.486 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

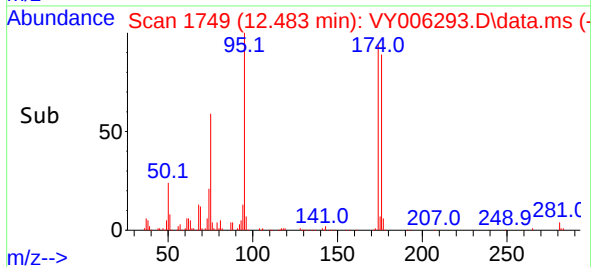
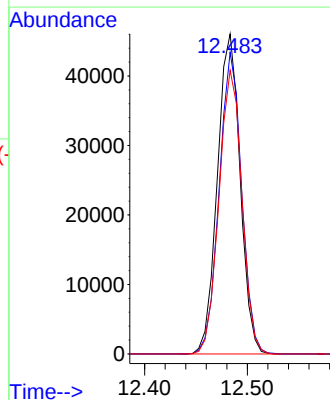
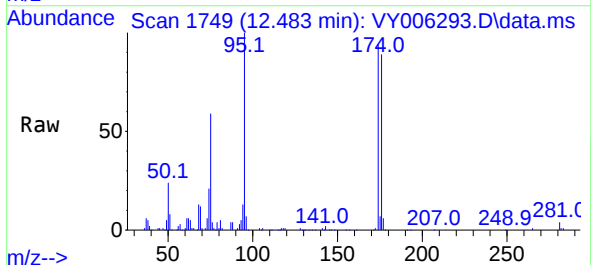
Instrument :
MSVOA_Y
ClientSampleId :
NYPD-69TH-SOIL

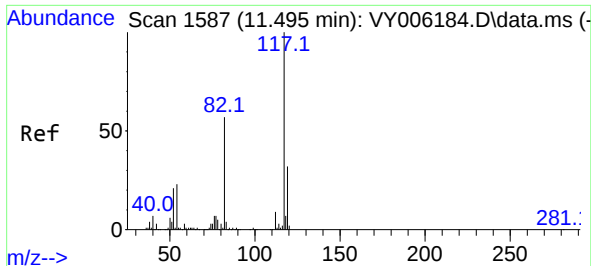
Tgt Ion: 98 Resp: 235764
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.916 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

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

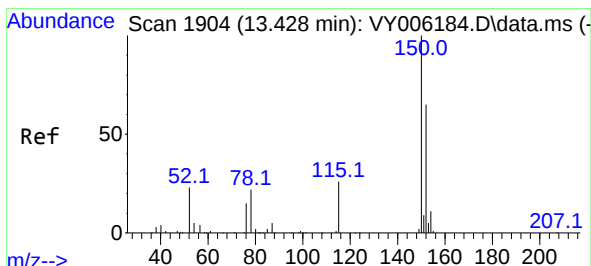
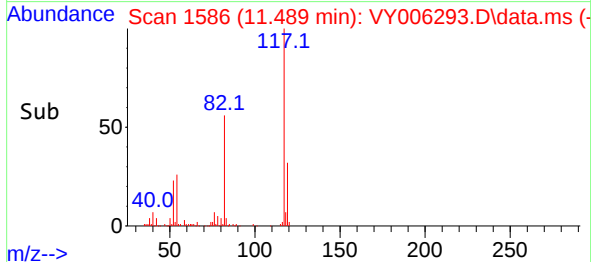
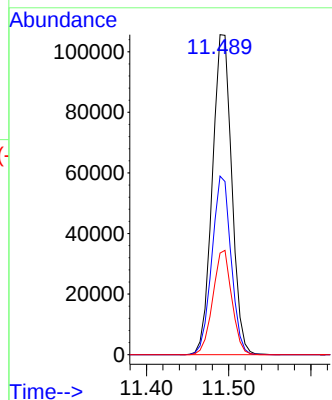
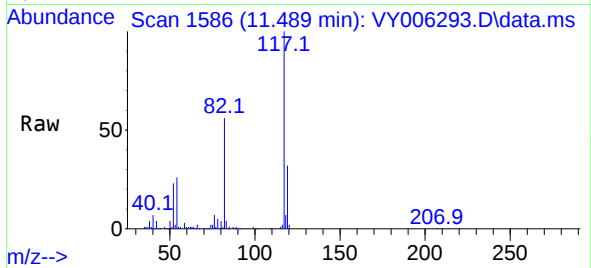




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

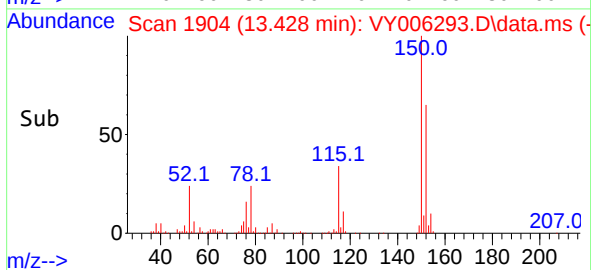
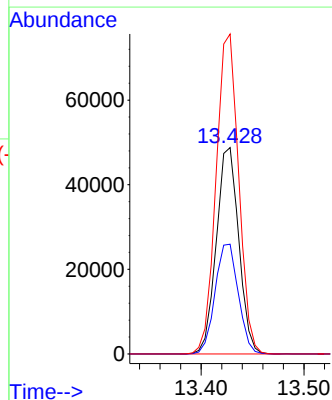
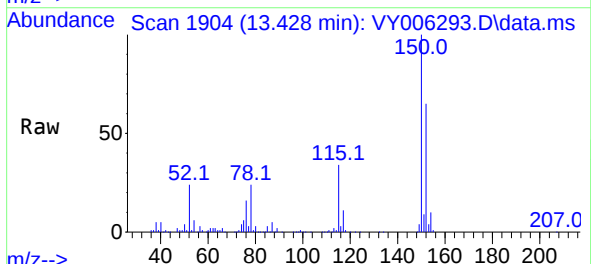
Instrument :
MSVOA_Y
ClientSampleId :
NYPD-69TH-SOIL

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

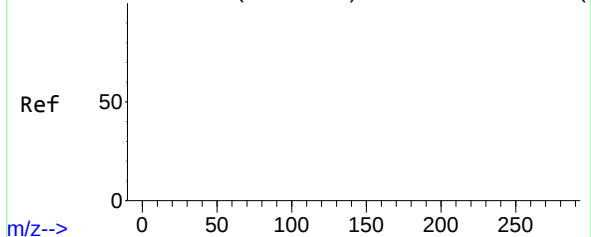


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

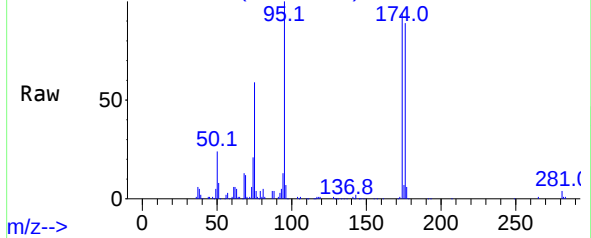
Tgt Ion:	152	Resp:	73920
Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.2	84.7
150	155.9	0.0	347.6



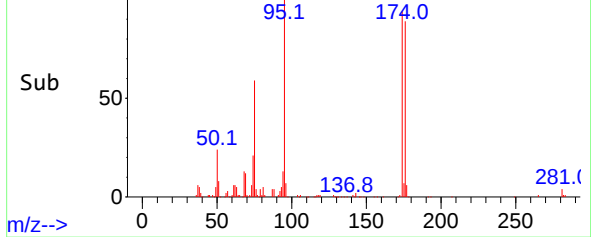
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



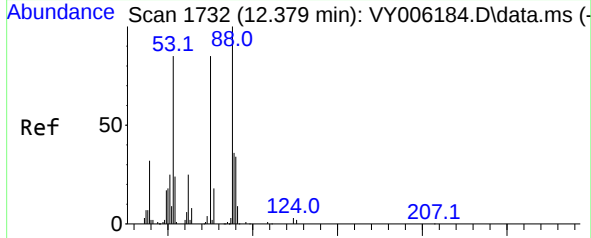
m/z--> Scan 1749 (12.483 min): VY006293.D\data.ms (-



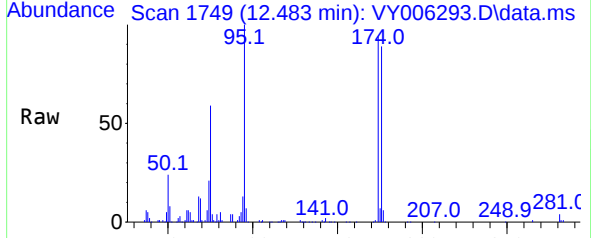
Abundance Scan 1749 (12.483 min): VY006293.D\data.ms (-



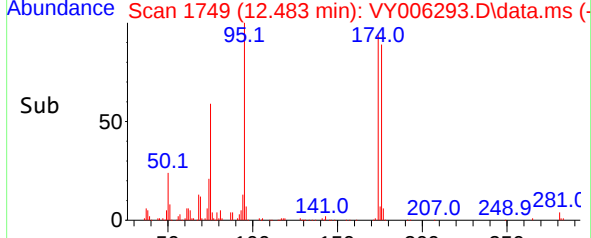
m/z--> Scan 1732 (12.379 min): VY006184.D\data.ms (-



m/z--> Scan 1749 (12.483 min): VY006293.D\data.ms (-



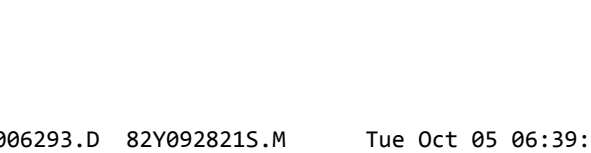
Abundance Scan 1749 (12.483 min): VY006293.D\data.ms (-



m/z--> Scan 1749 (12.483 min): VY006293.D\data.ms (-

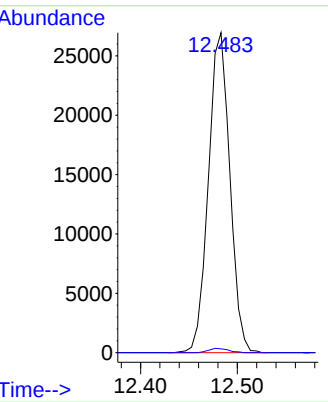


m/z--> Scan 1749 (12.483 min): VY006293.D\data.ms (-



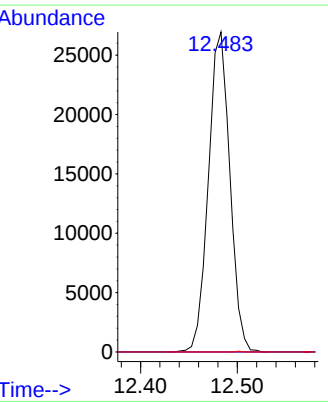
#76
1,2,3-Trichloropropane
Concen: 57.744 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Tgt Ion: 75 Resp: 41487
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.475 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006293.D
Acq: 04 Oct 2021 21:47

Tgt Ion: 75 Resp: 41487
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



Instrument :
MSVOA_Y
ClientSampleId :
NYPD-69TH-SOIL