

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006288.D
 Acq On : 04 Oct 2021 19:51
 Operator : SY/MD
 Sample : M4056-14
 Misc : 5.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-12

Quant Time: Oct 05 06:38:55 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)

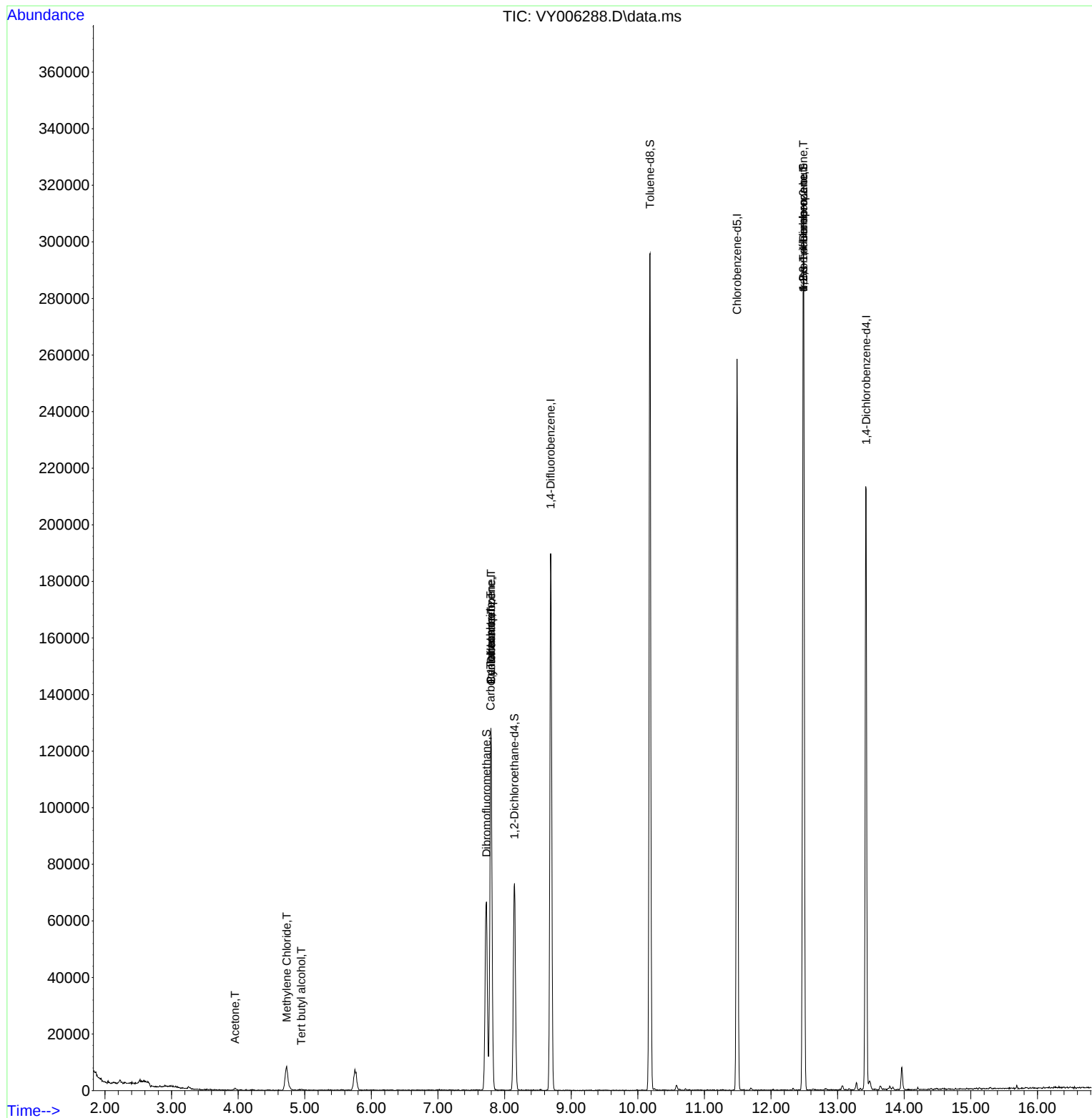
Internal Standards						
1) Pentafluorobenzene	7.795	168	99164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	132509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62613	58.994	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.980%			
35) Dibromofluoromethane	7.728	113	45039	54.330	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.660%			
50) Toluene-d8	10.185	98	192153	55.384	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.760%			
62) 4-Bromofluorobenzene	12.483	95	51964	44.088	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.180%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	400	4.308	ug/l #	77
16) Acetone	3.954	43	1114	3.758	ug/l #	83
20) Methylene Chloride	4.729	84	5666	1.947	ug/l #	93
31) Cyclohexane	7.795	56	2353	1.170	ug/l #	44
36) 1,1-Dichloropropene	7.795	75	7509	4.864	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9438	5.789	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	32379	61.420	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32379	120.699	ug/l #	8

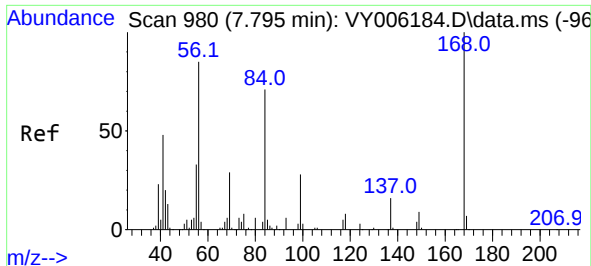
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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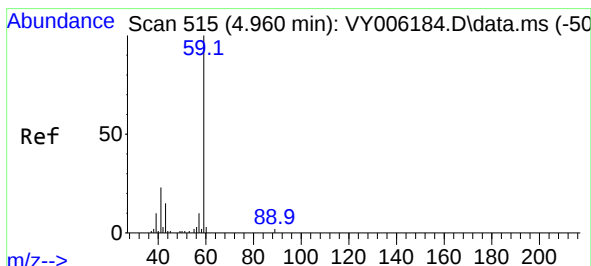
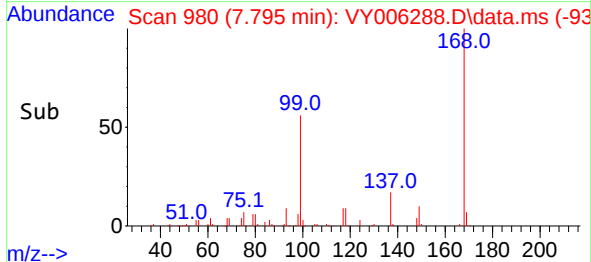
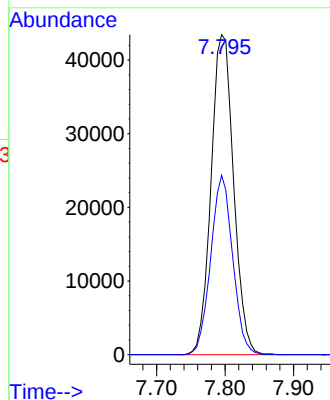
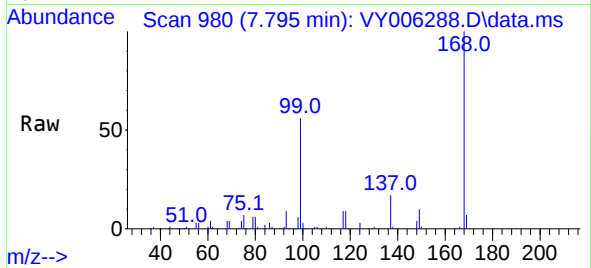




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

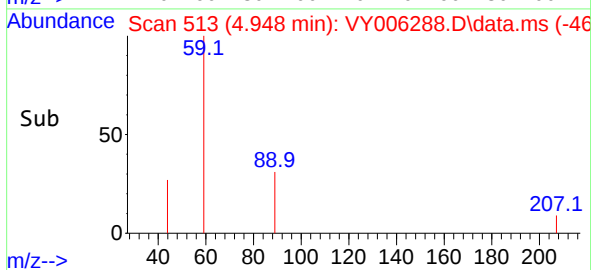
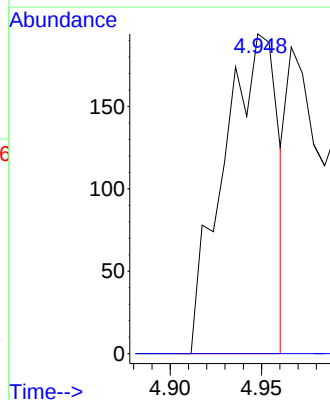
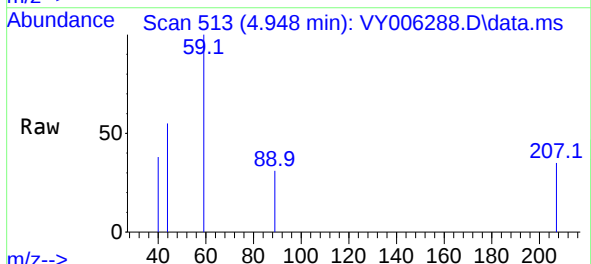
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-12

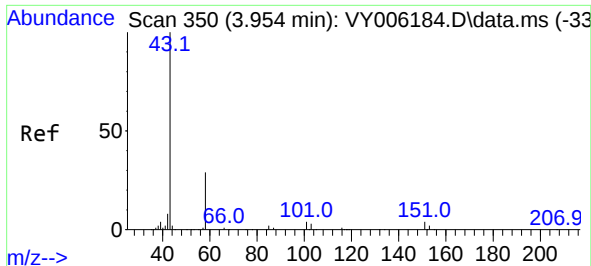
Tgt Ion:168 Resp: 99164
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.308 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

Tgt Ion: 59 Resp: 400
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

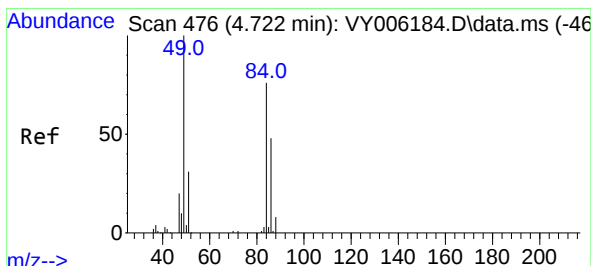
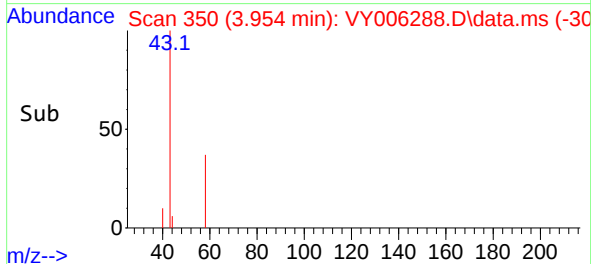
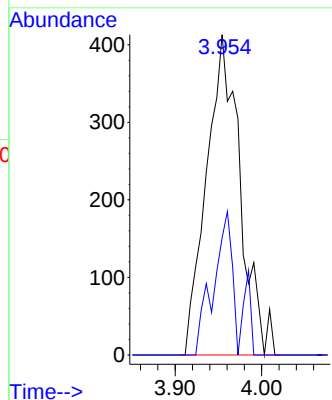
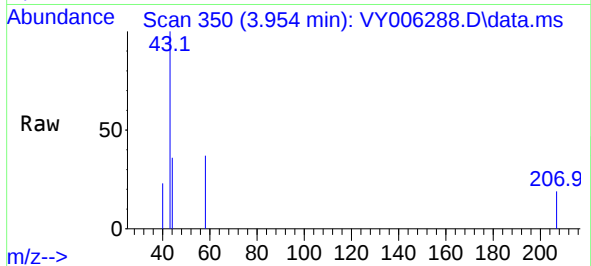




#16
Acetone
Concen: 3.758 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

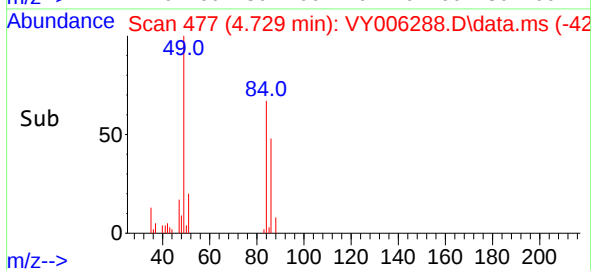
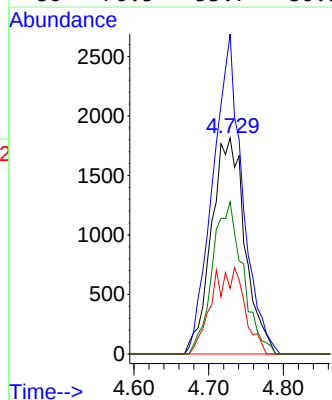
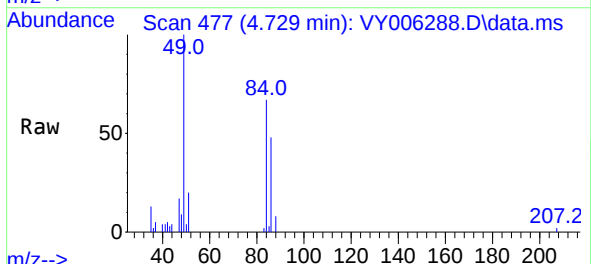
Instrument :
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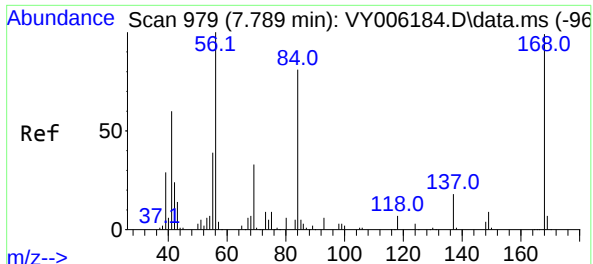
Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 36.6 22.0 33.0#



#20
Methylene Chloride
Concen: 1.947 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

Tgt Ion: 84 Resp: 5666
Ion Ratio Lower Upper
84 100
49 148.3 114.4 171.6
51 30.4 35.3 52.9#
86 70.5 53.7 80.5

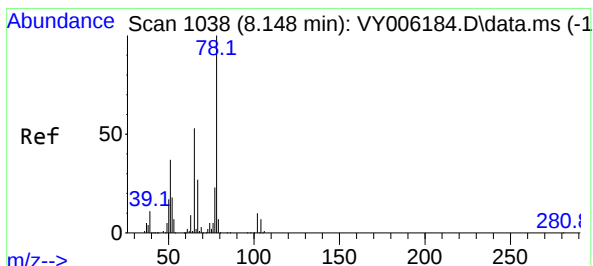
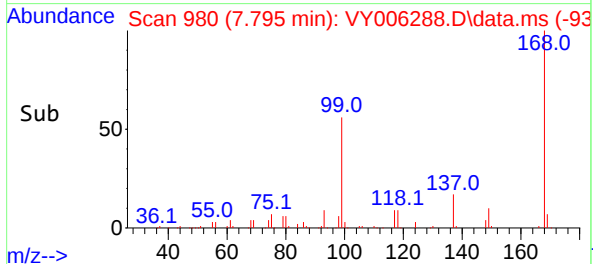
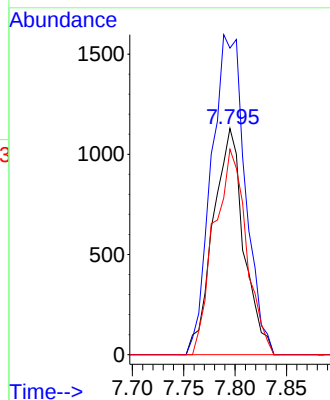
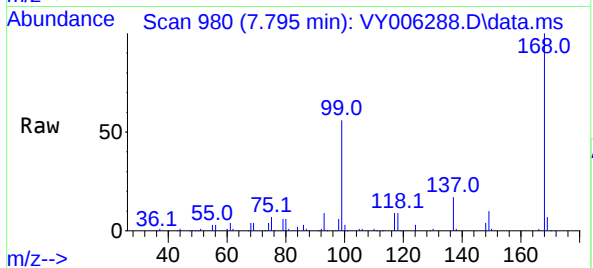




#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

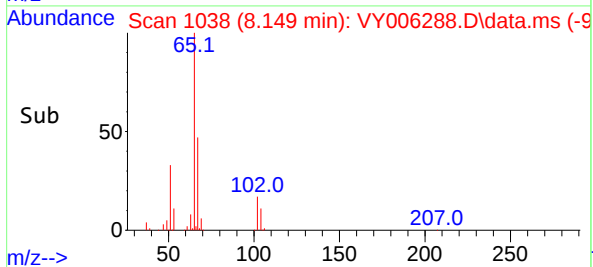
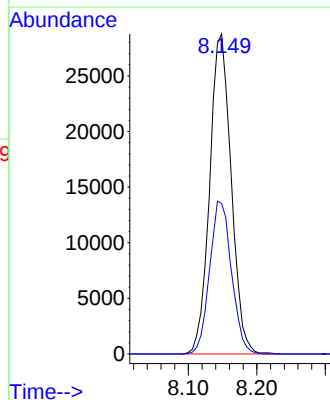
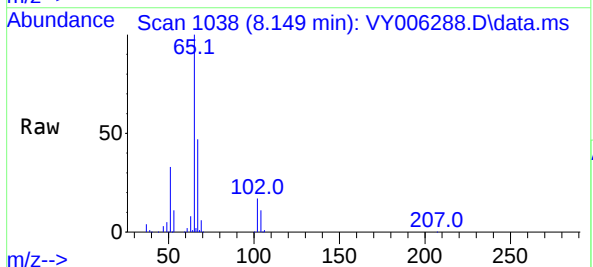
Instrument :
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ClientSampleId :
STOCK-PILE-PENINSULA-1B-12

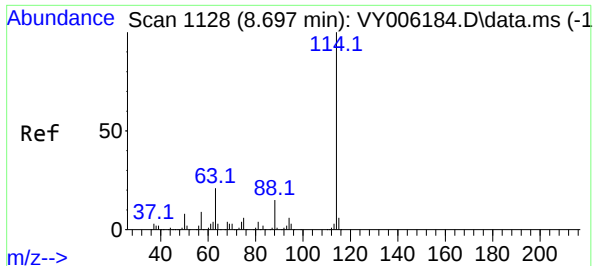
Tgt Ion: 56 Resp: 2353
Ion Ratio Lower Upper
56 100
69 135.5 26.7 40.1#
84 90.8 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 58.994 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

Tgt Ion: 65 Resp: 62613
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.4

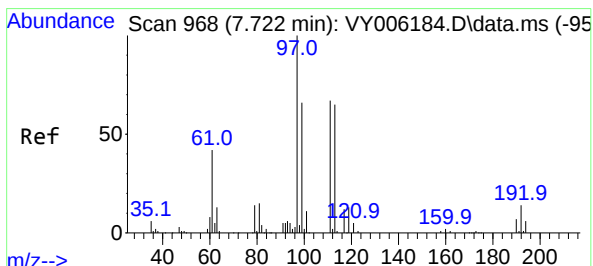
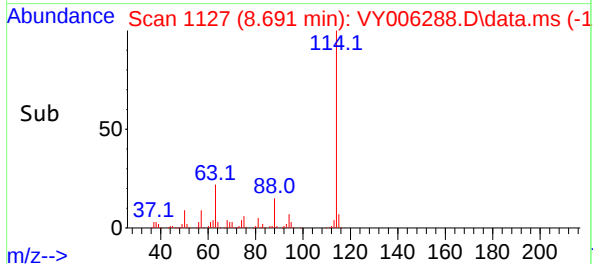
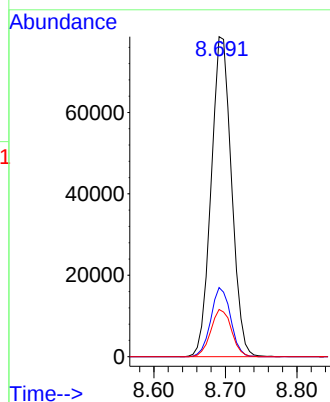
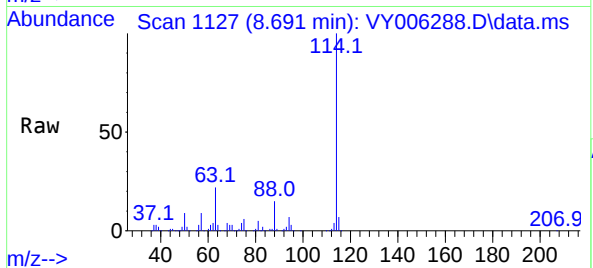




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

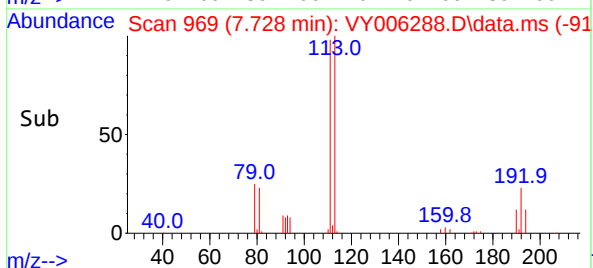
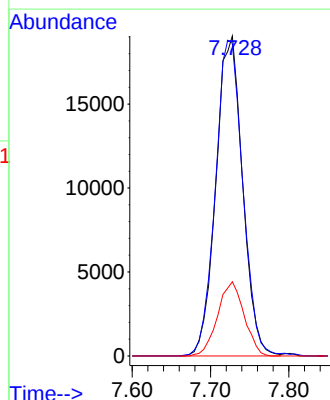
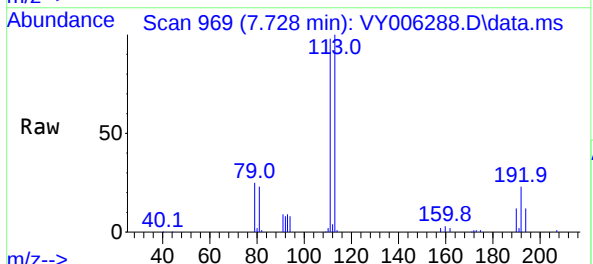
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ClientSampleId :
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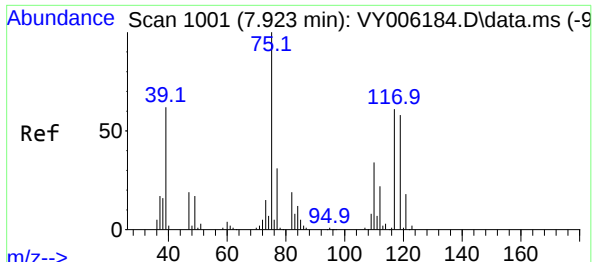
Tgt Ion:	114	Resp:	155167
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	14.8	0.0	31.8



#35
Dibromofluoromethane
Concen: 54.330 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

Tgt Ion:	113	Resp:	45039
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	23.0	17.6	26.4

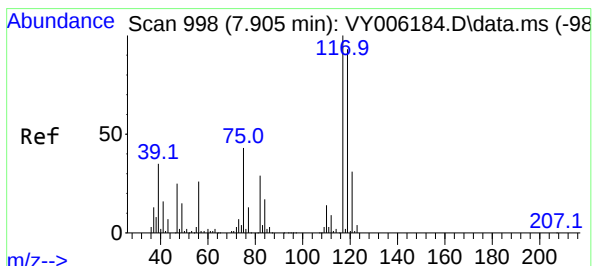
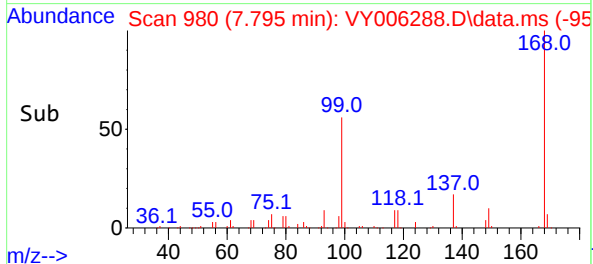
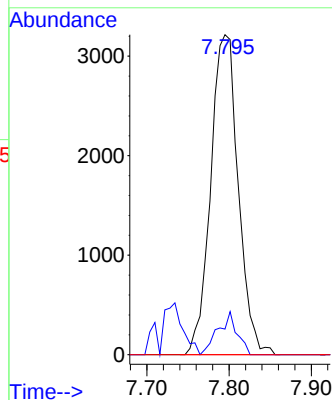
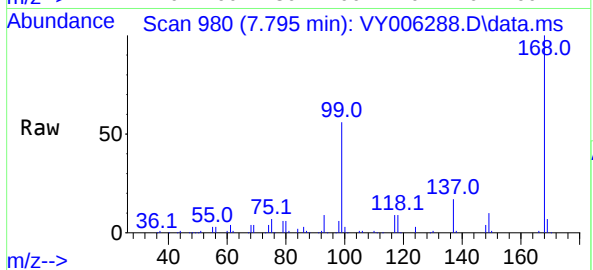




#36
1,1-Dichloropropene
Concen: 4.864 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

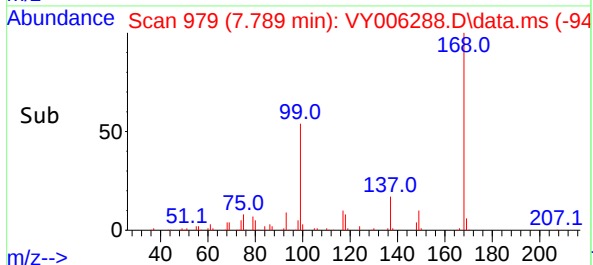
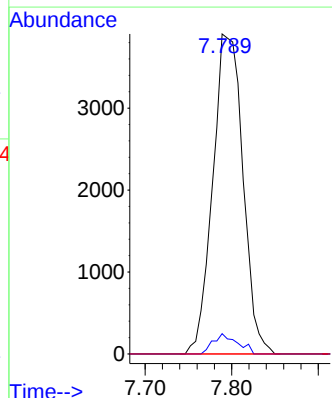
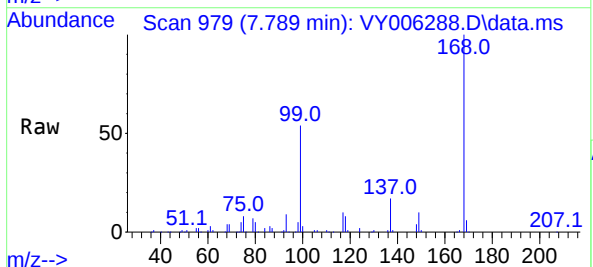
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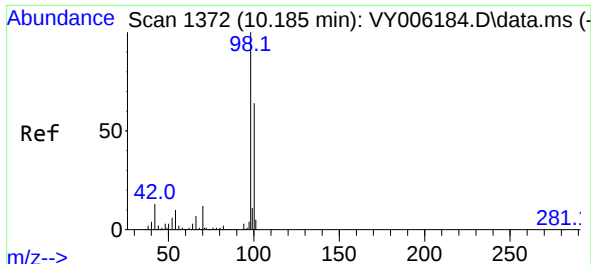
Tgt Ion: 75 Resp: 7509
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.789 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

Tgt Ion: 117 Resp: 9438
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#

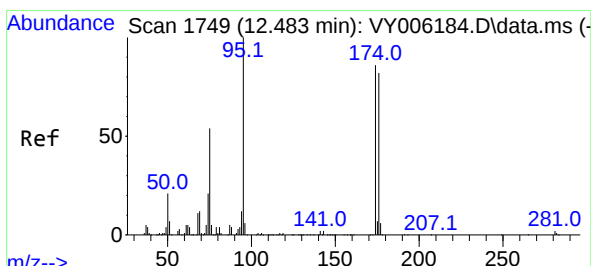
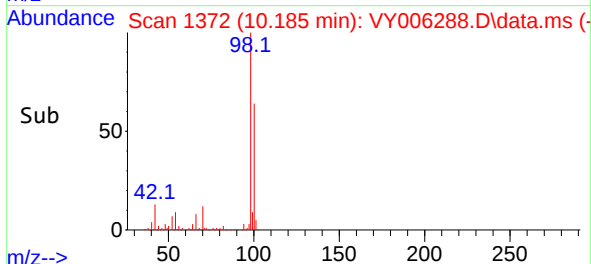
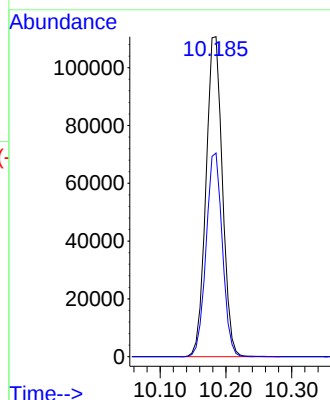
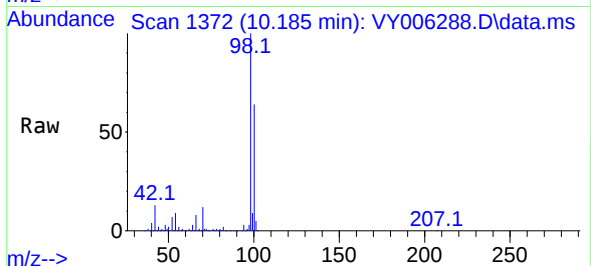




#50
Toluene-d8
Concen: 55.384 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

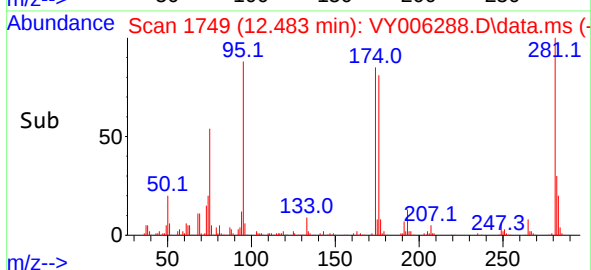
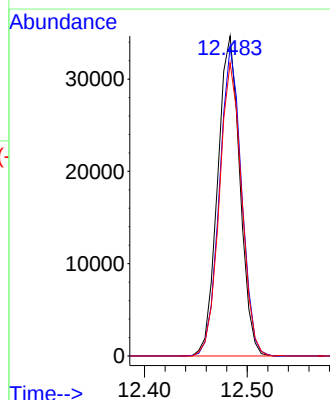
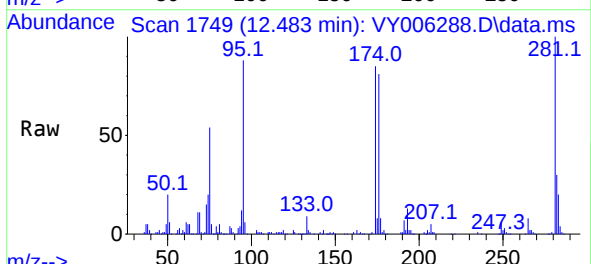
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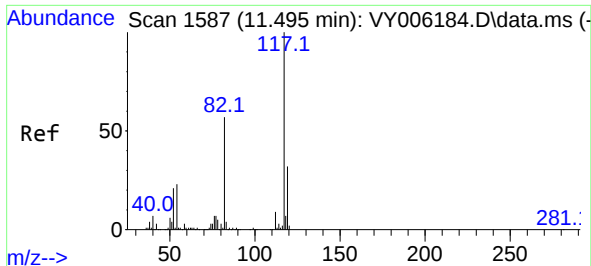
Tgt Ion: 98 Resp: 192153
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.088 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

Tgt Ion: 95 Resp: 51964
Ion Ratio Lower Upper
95 100
174 95.5 0.0 177.0
176 91.7 0.0 175.8

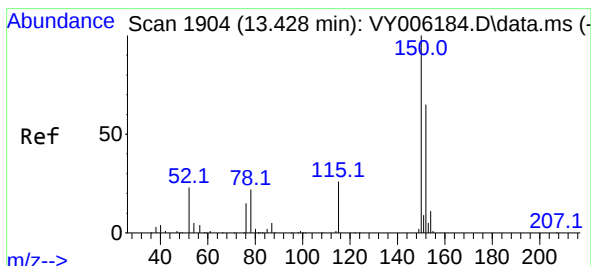
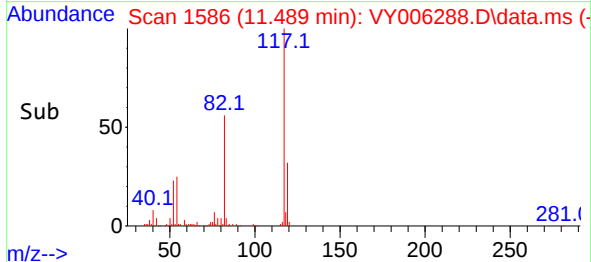
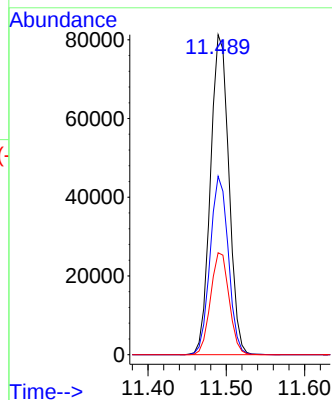
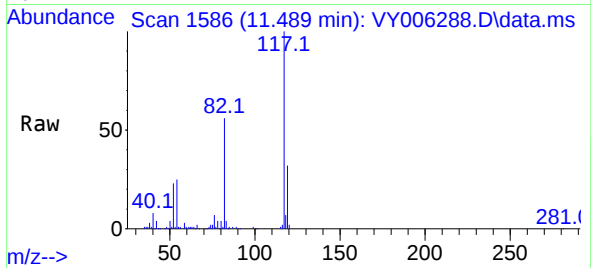




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

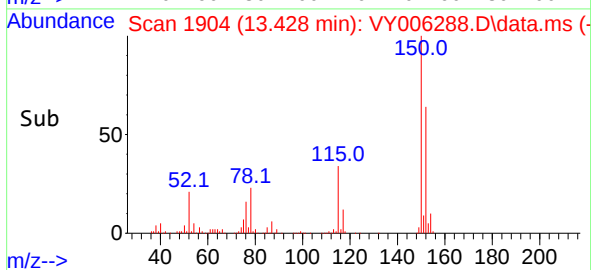
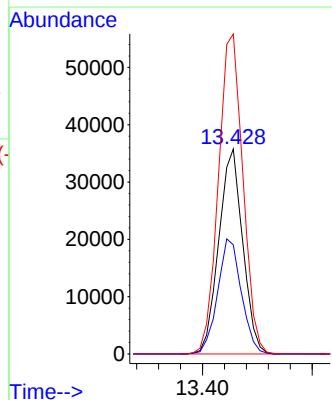
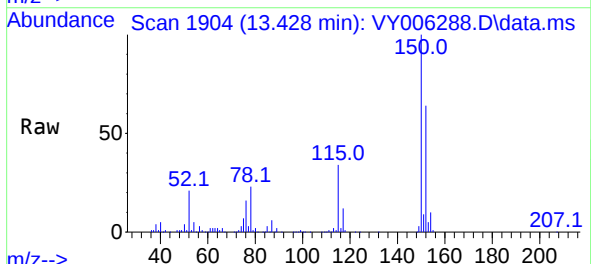
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-12

Tgt Ion:117 Resp: 132509
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 31.9 25.4 38.0

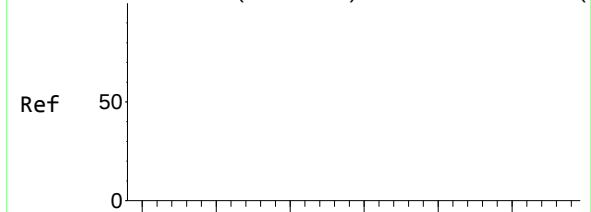


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006288.D
Acq: 04 Oct 2021 19:51

Tgt Ion:152 Resp: 54239
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 159.9 0.0 347.6

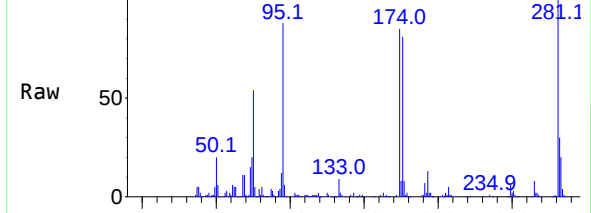


Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



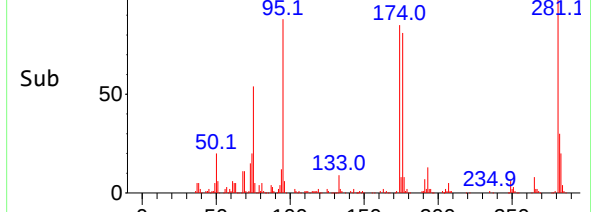
m/z-->

Abundance Scan 1749 (12.483 min): VY006288.D\data.ms (-



m/z-->

Abundance Scan 1749 (12.483 min): VY006288.D\data.ms (-



m/z-->

#76

1,2,3-Trichloropropane

Concen: 61.420 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY006288.D

Acq: 04 Oct 2021 19:51

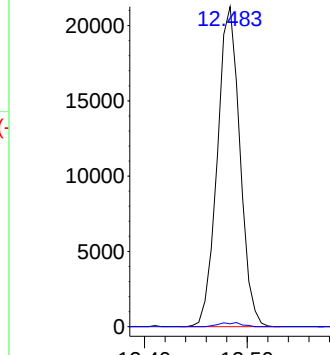
Tgt Ion: 75 Resp: 32379

Ion Ratio Lower Upper

75 100

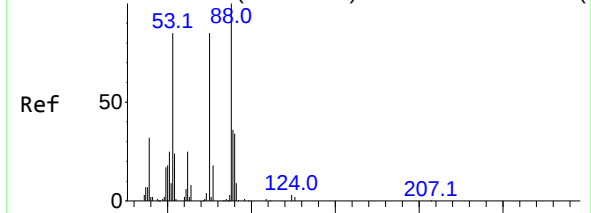
77 1.2 0.0 0.0#

Abundance



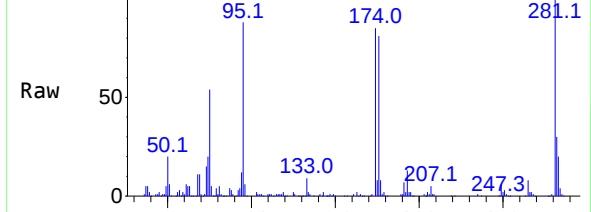
Time-->

Abundance Scan 1732 (12.379 min): VY006184.D\data.ms (-



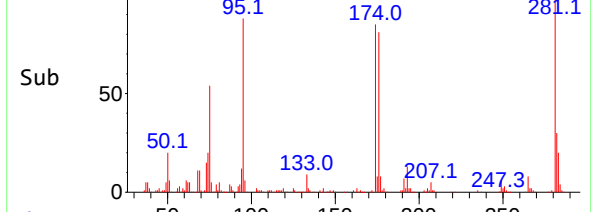
m/z-->

Abundance Scan 1749 (12.483 min): VY006288.D\data.ms (-



m/z-->

Abundance Scan 1749 (12.483 min): VY006288.D\data.ms (-



m/z-->

#81

trans-1,4-Dichloro-2-butene

Concen: 120.699 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY006288.D

Acq: 04 Oct 2021 19:51

Tgt Ion: 75 Resp: 32379

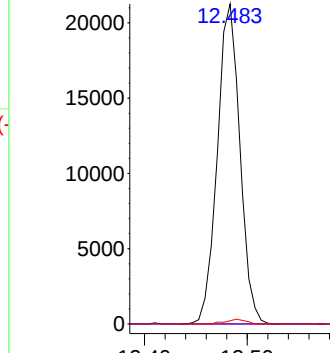
Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 1.3 37.0 55.4#

Abundance



Time-->

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE-PENINSULA-1B-12