

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006287.D
 Acq On : 04 Oct 2021 19:28
 Operator : SY/MD
 Sample : M4056-13
 Misc : 5.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-11

Quant Time: Oct 05 06:38:47 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)

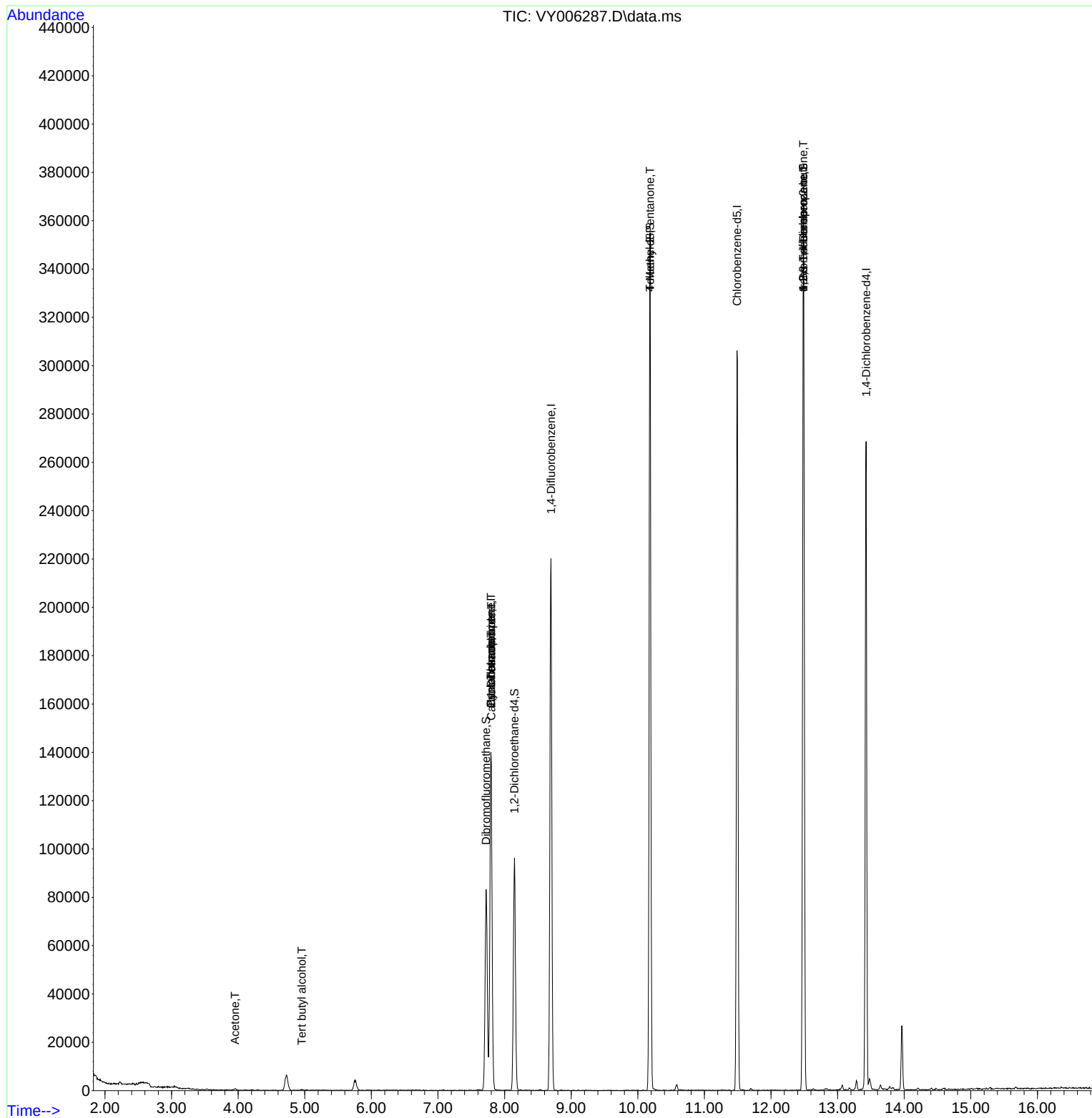
Internal Standards						
1) Pentafluorobenzene	7.795	168	109814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	179400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	163344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	77480	65.922	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.840%			
35) Dibromofluoromethane	7.722	113	53872	56.207	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.420%			
50) Toluene-d8	10.185	98	222978	55.587	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.180%			
62) 4-Bromofluorobenzene	12.483	95	65699	48.212	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.420%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	379	3.686	ug/l #	77
16) Acetone	3.954	43	1030	3.138	ug/l #	87
31) Cyclohexane	7.795	56	2595	1.165	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	8211	4.600	ug/l #	51
38) Carbon Tetrachloride	7.801	117	10380	5.507	ug/l #	14
51) 4-Methyl-2-Pentanone	10.185	43	1061	1.025	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	38968	59.461	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38968	116.849	ug/l #	8

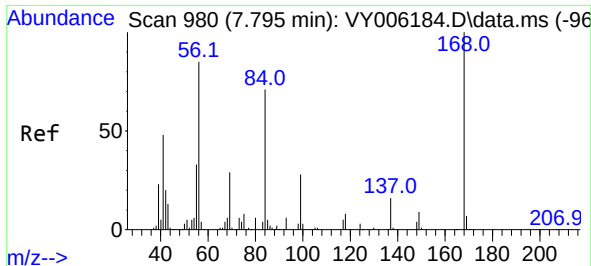
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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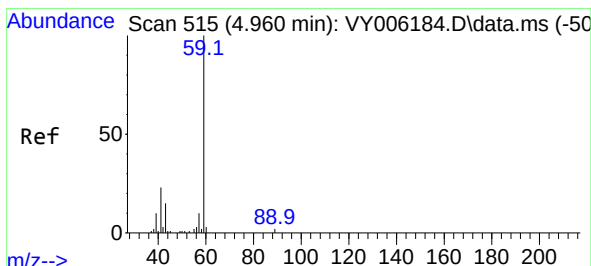
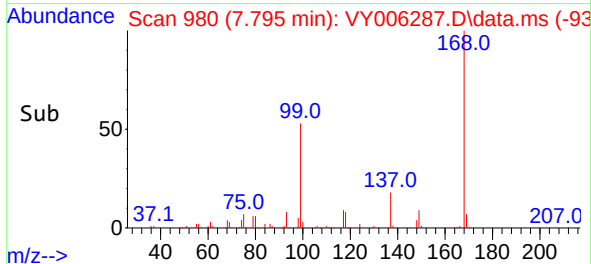
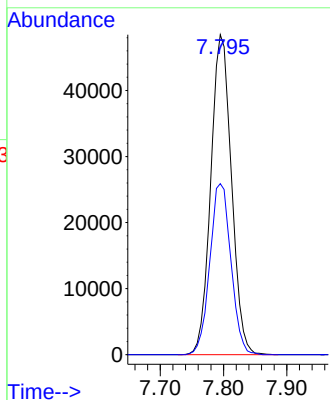
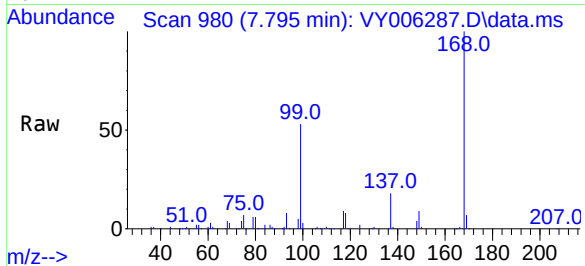




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

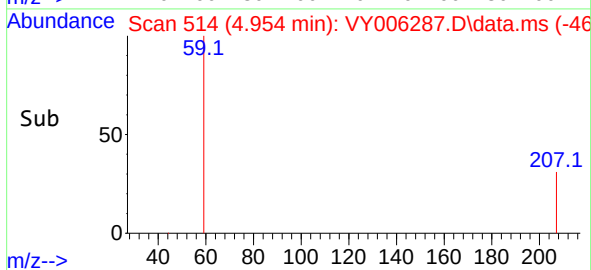
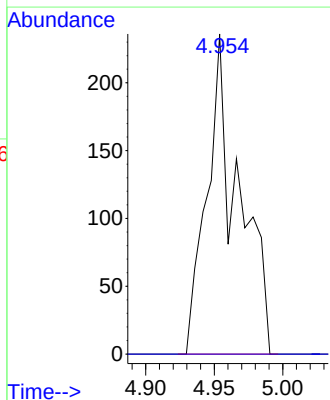
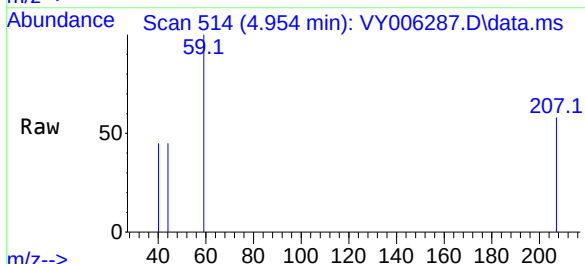
Instrument :
MSVOA_Y
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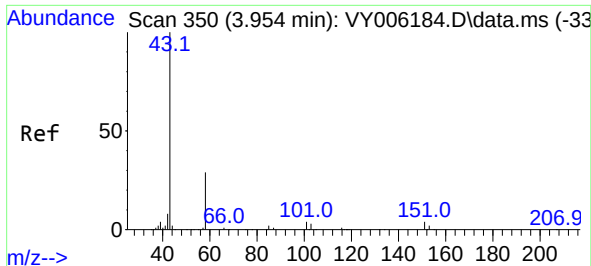
Tgt Ion:168 Resp: 109814
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.686 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

Tgt Ion: 59 Resp: 379
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

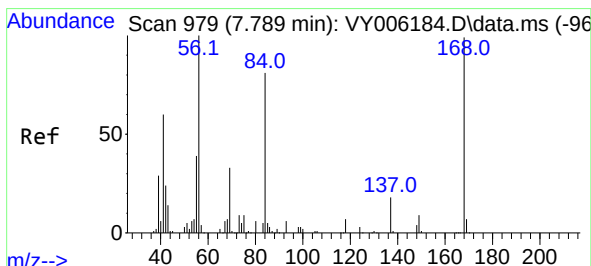
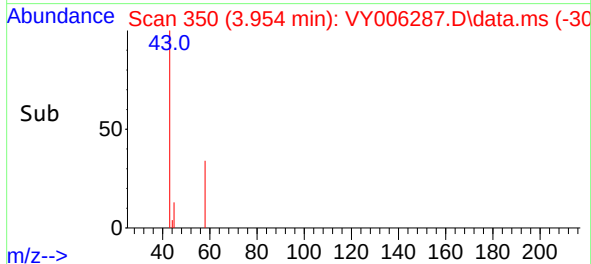
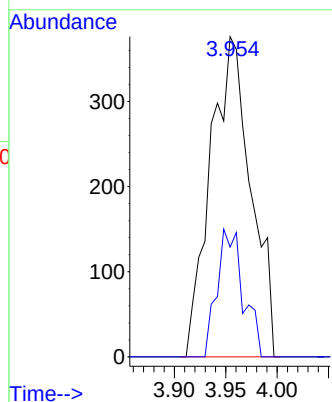
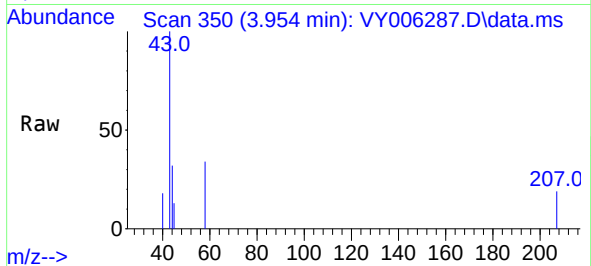




#16
Acetone
Concen: 3.138 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

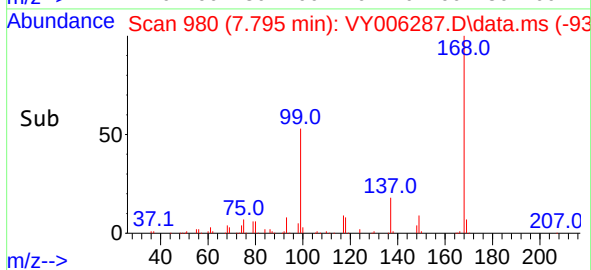
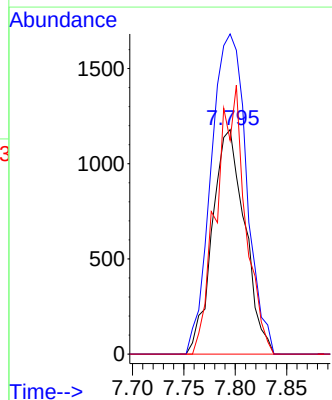
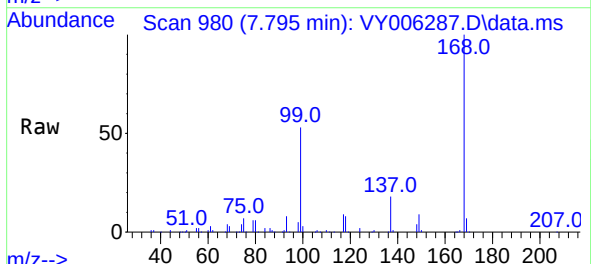
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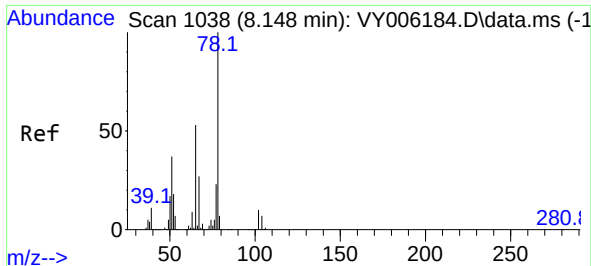
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

Tgt Ion: 56 Resp: 2595
Ion Ratio Lower Upper
56 100
69 142.7 26.7 40.1#
84 95.3 67.2 100.8

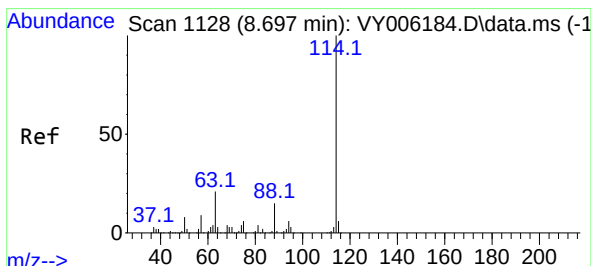
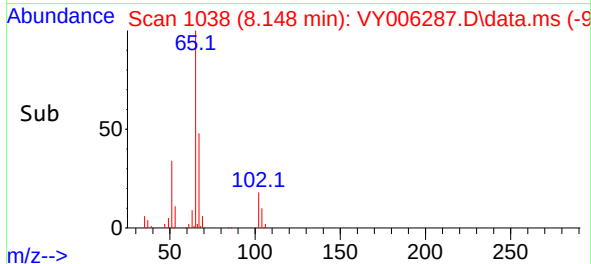
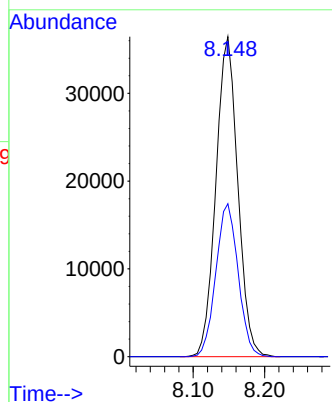
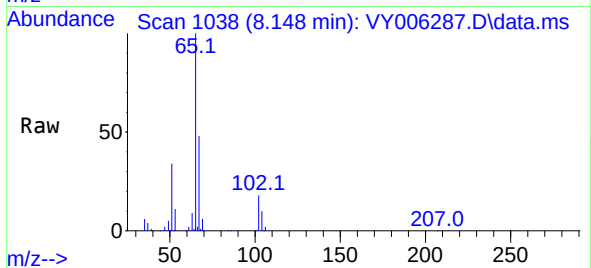




#33
1,2-Dichloroethane-d4
Concen: 65.922 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

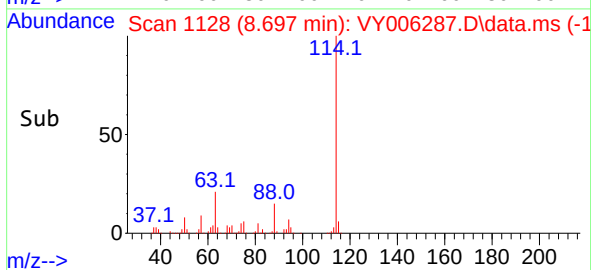
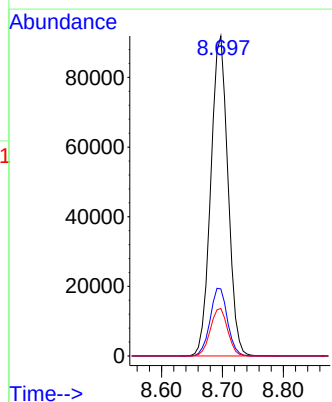
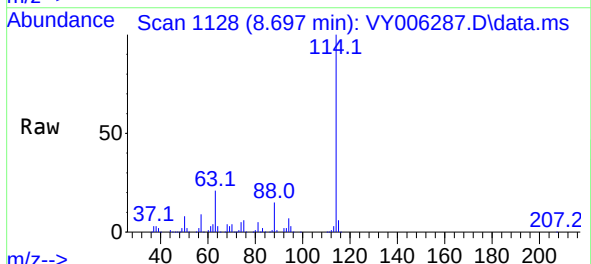
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-11

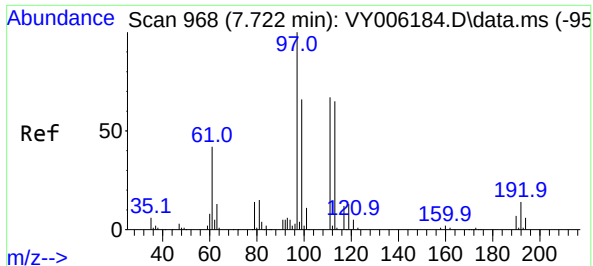
Tgt Ion: 65 Resp: 77480
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

Tgt Ion:114 Resp: 179400
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 14.8 0.0 31.8

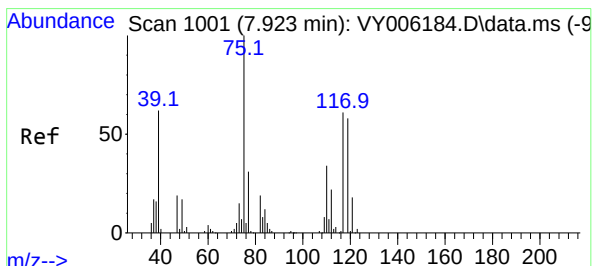
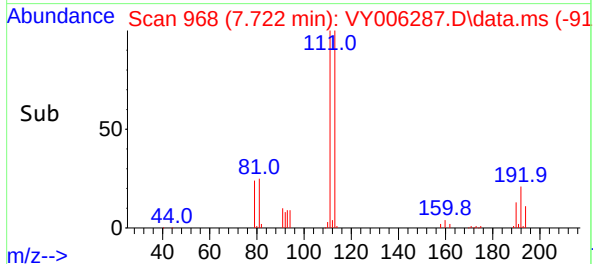
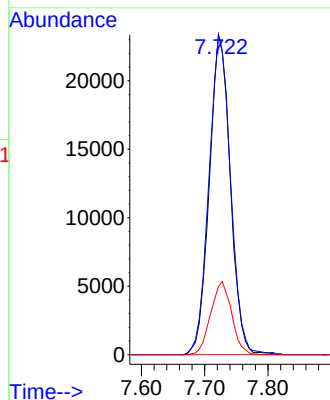
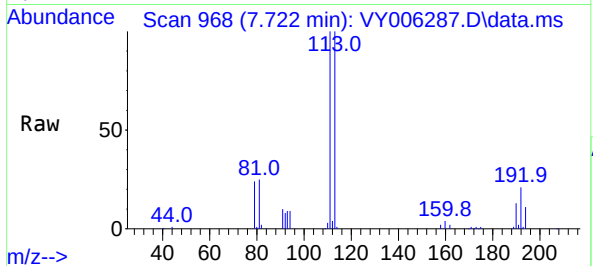




#35
Dibromofluoromethane
Concen: 56.207 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

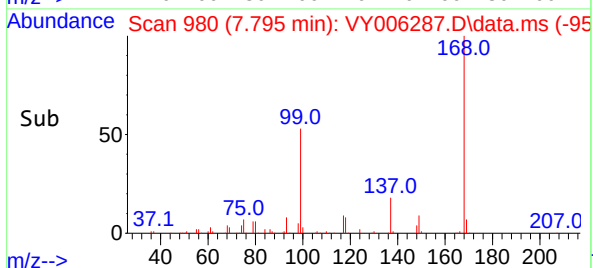
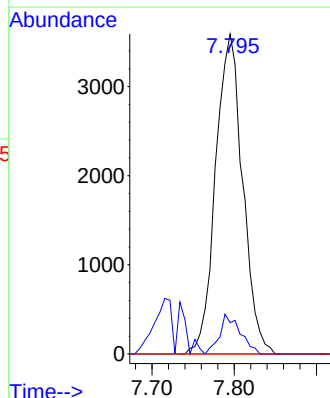
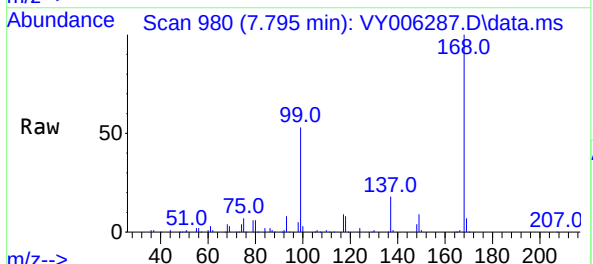
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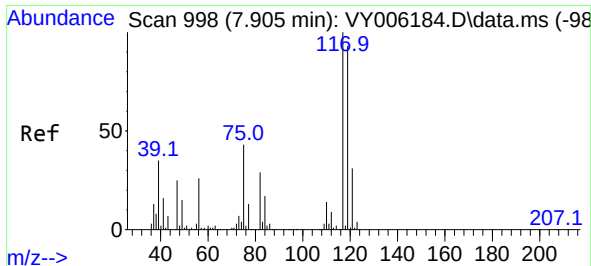
Tgt Ion:	113	Resp:	53872
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	22.8	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.600 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

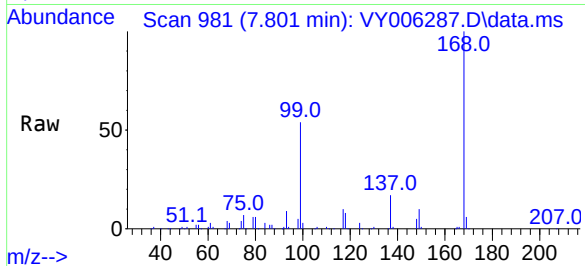
Tgt Ion:	75	Resp:	8211
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.1	51.2#
77	0.0	24.4	36.6#



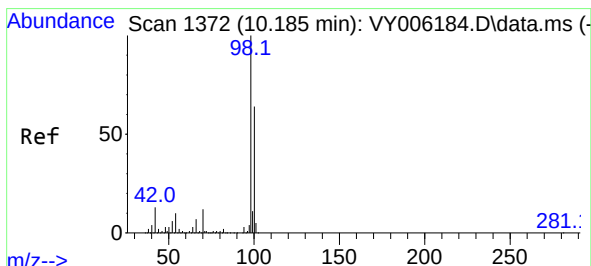
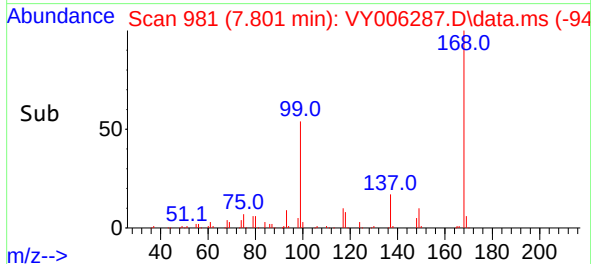
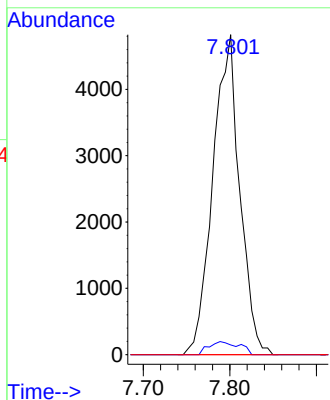


#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

Instrument :
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STOCK-PILE-PENINSULA-1B-11

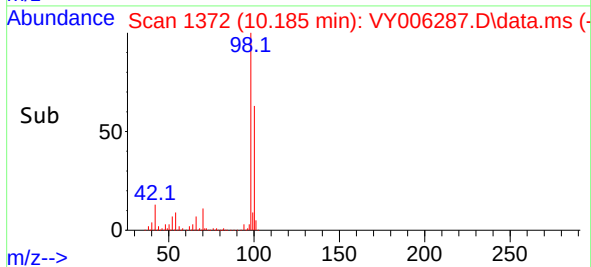
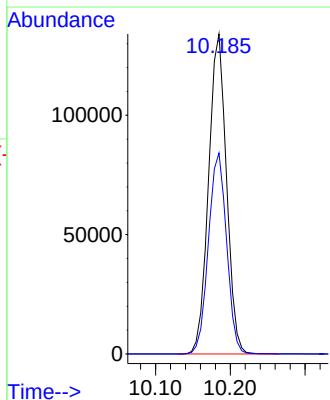
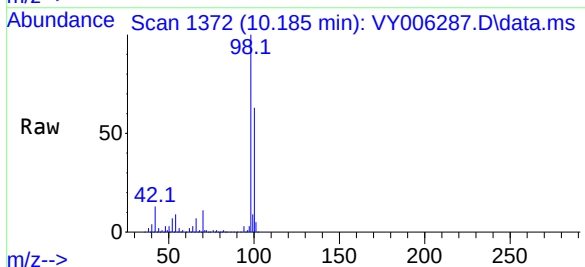


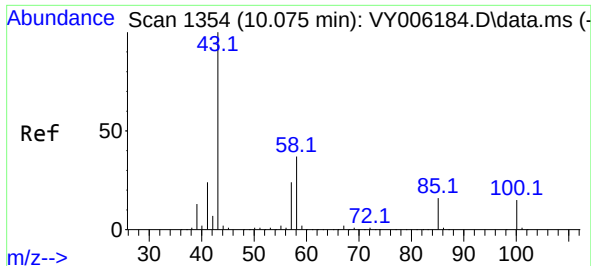
Tgt Ion:117 Resp: 10380
Ion Ratio Lower Upper
117 100
119 3.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.587 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

Tgt Ion: 98 Resp: 222978
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

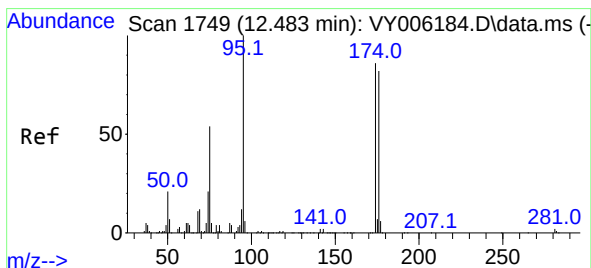
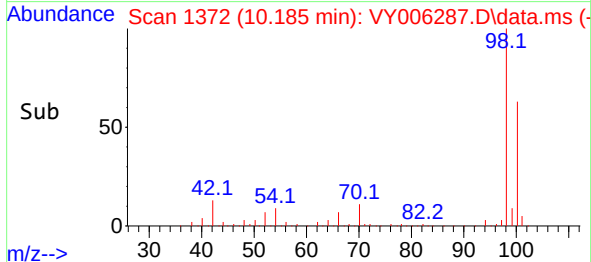
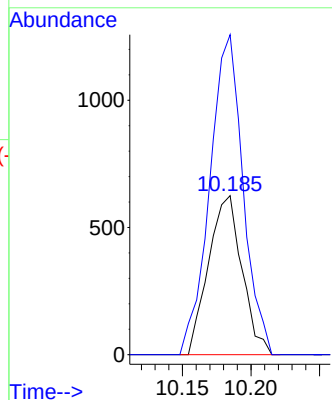
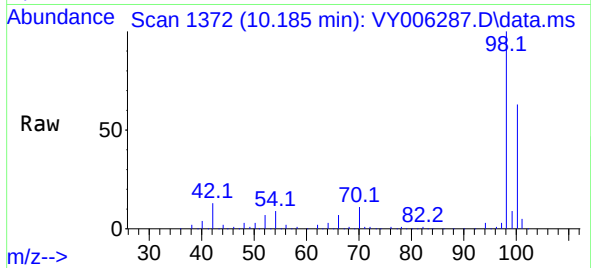




#51
4-Methyl-2-Pentanone
Concen: 1.025 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

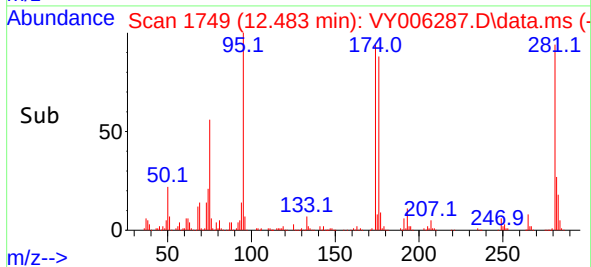
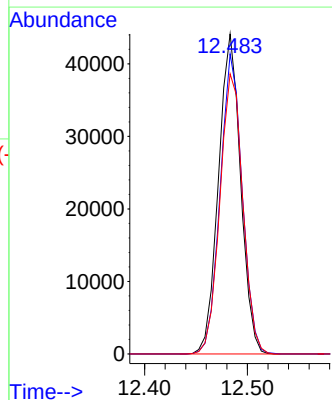
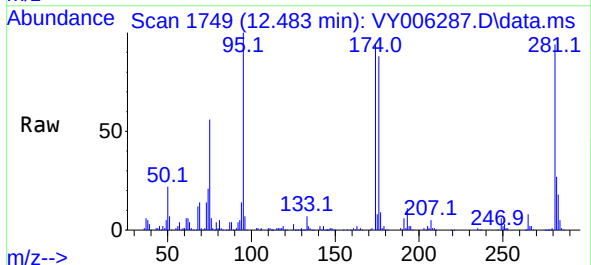
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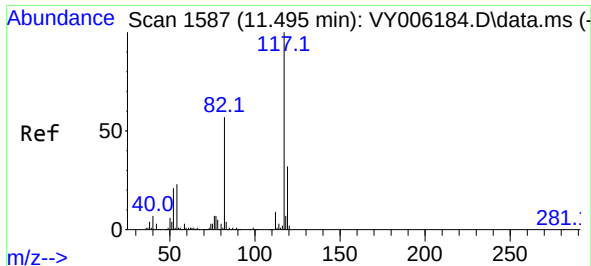
Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 200.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 48.212 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

Tgt Ion: 95 Resp: 65699
Ion Ratio Lower Upper
95 100
174 93.5 0.0 177.0
176 90.6 0.0 175.8

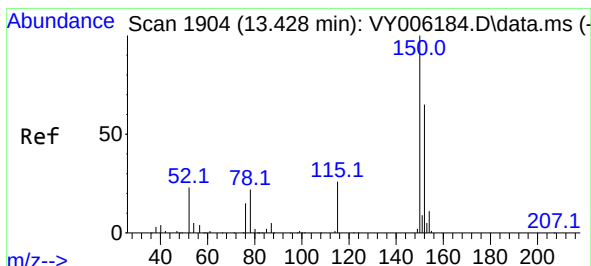
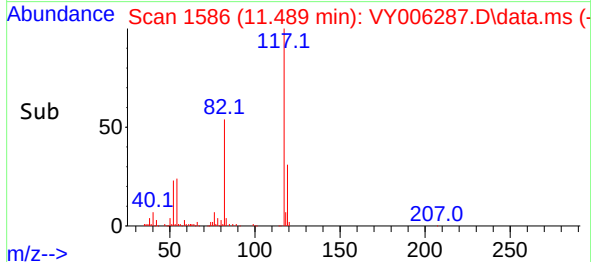
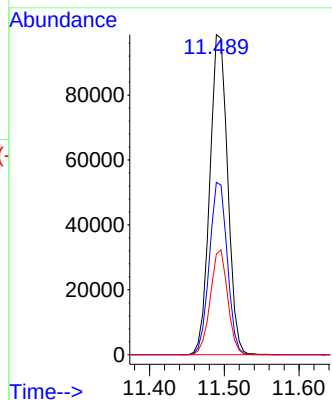
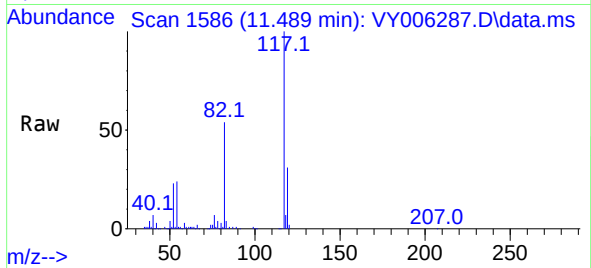




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

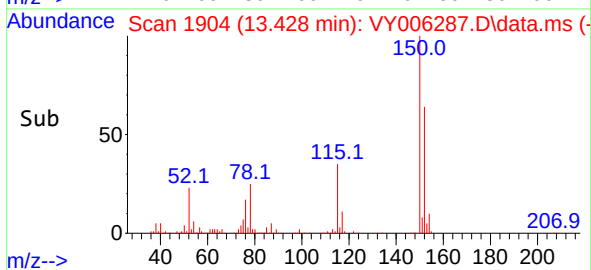
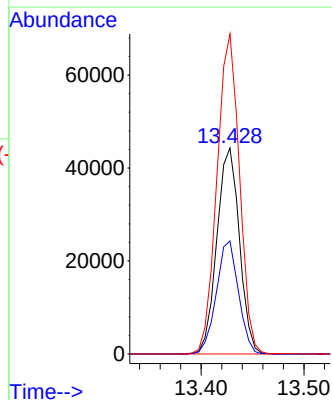
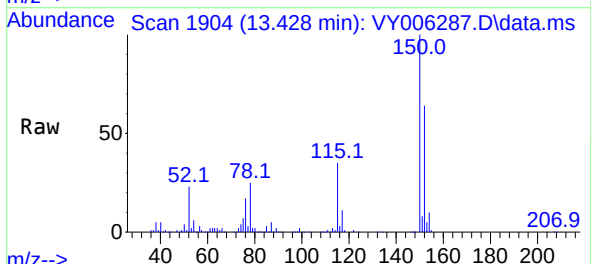
Instrument :
MSVOA_Y
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STOCK-PILE-PENINSULA-1B-11

Tgt Ion:117 Resp: 163344
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.4 25.4 38.0

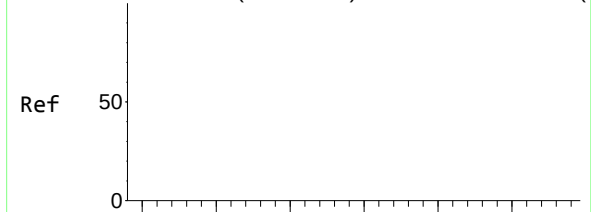


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006287.D
Acq: 04 Oct 2021 19:28

Tgt Ion:152 Resp: 67427
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 155.0 0.0 347.6

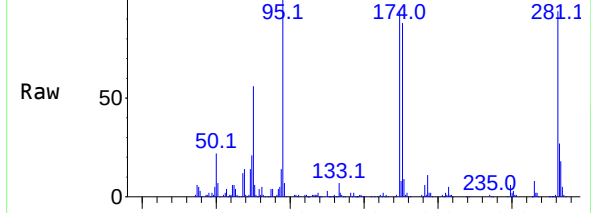


Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



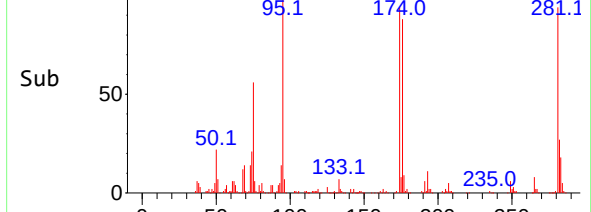
m/z-->

Abundance Scan 1749 (12.483 min): VY006287.D\data.ms (-



m/z-->

Abundance Scan 1749 (12.483 min): VY006287.D\data.ms (-



m/z-->

#76

1,2,3-Trichloropropane

Concen: 59.461 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY006287.D

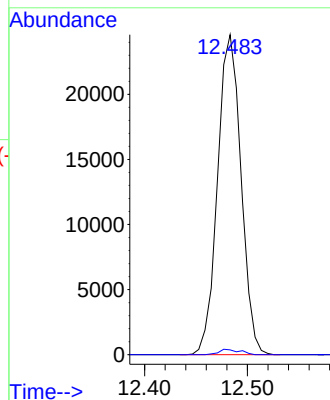
Acq: 04 Oct 2021 19:28

Tgt Ion: 75 Resp: 38968

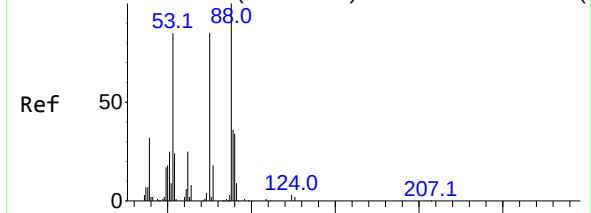
Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

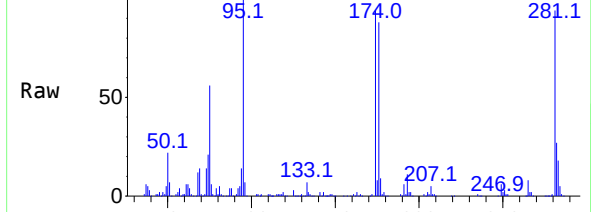


Abundance Scan 1732 (12.379 min): VY006184.D\data.ms (-



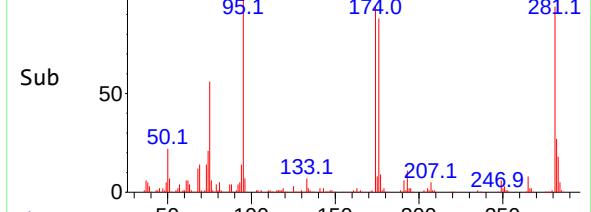
m/z-->

Abundance Scan 1749 (12.483 min): VY006287.D\data.ms (-



m/z-->

Abundance Scan 1749 (12.483 min): VY006287.D\data.ms (-



m/z-->

#81

trans-1,4-Dichloro-2-butene

Concen: 116.849 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY006287.D

Acq: 04 Oct 2021 19:28

Tgt Ion: 75 Resp: 38968

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 1.0 37.0 55.4#

