

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006285.D
 Acq On : 04 Oct 2021 18:42
 Operator : SY/MD
 Sample : M4056-11
 Misc : 6.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-9

Quant Time: Oct 05 06:38:31 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)

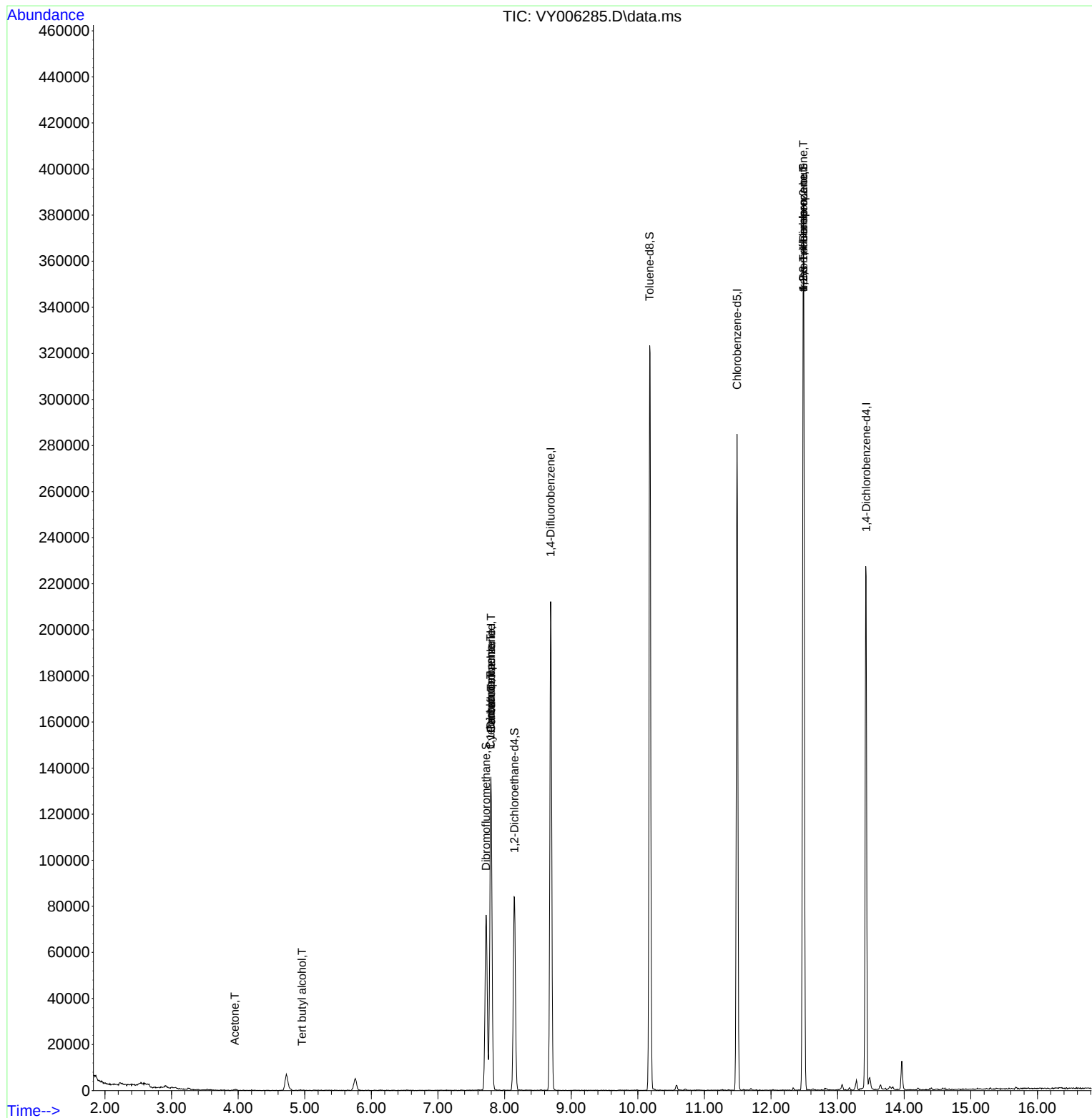
Internal Standards						
1) Pentafluorobenzene	7.795	168	107509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72379	62.902	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.800%	
35) Dibromofluoromethane	7.722	113	50031	55.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.260%	
50) Toluene-d8	10.179	98	210086	55.316	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.640%	
62) 4-Bromofluorobenzene	12.483	95	57414	44.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	349	3.467	ug/l #	77
16) Acetone	3.948	43	943	2.934	ug/l #	47
31) Cyclohexane	7.789	56	2380	1.092	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	8365	4.950	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10361	5.806	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	35776	64.770	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35776	127.281	ug/l #	8

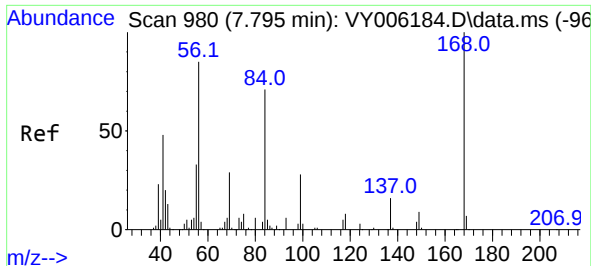
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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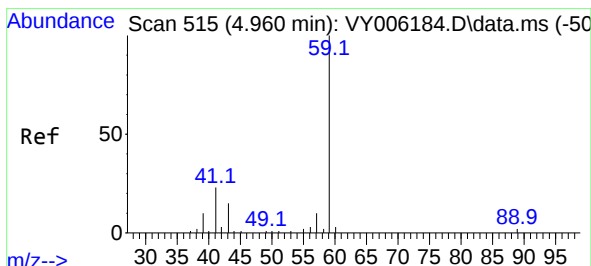
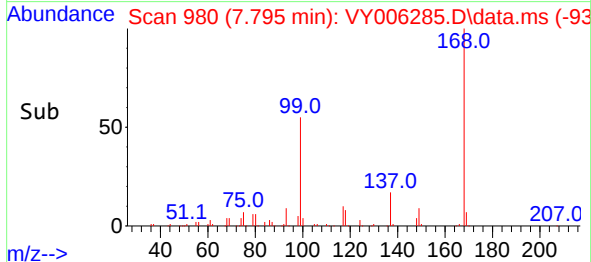
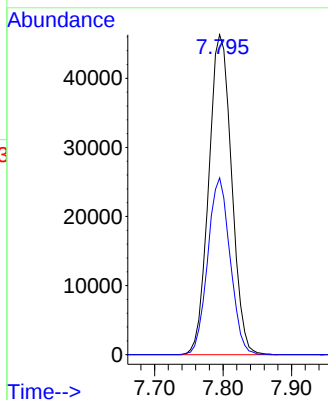
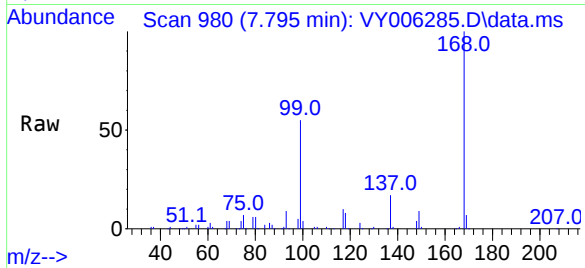




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

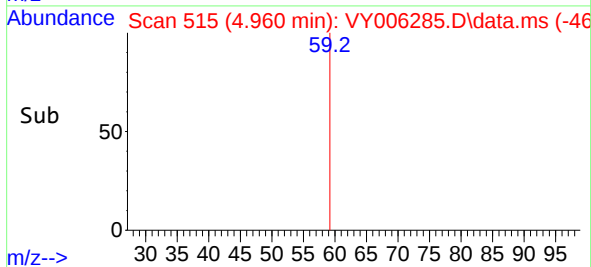
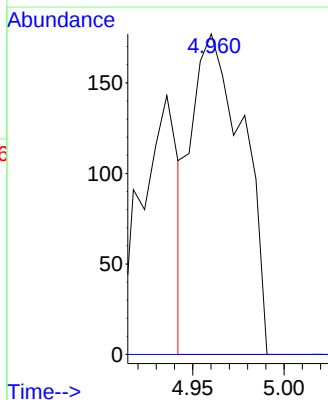
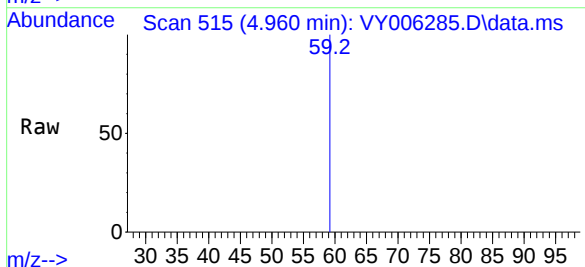
Instrument :
MSVOA_Y
ClientSampleId :
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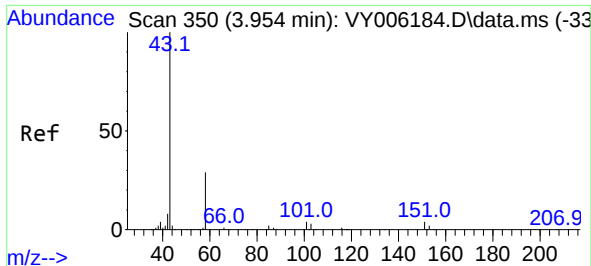
Tgt Ion:168 Resp: 107509
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.467 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

Tgt Ion: 59 Resp: 349
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

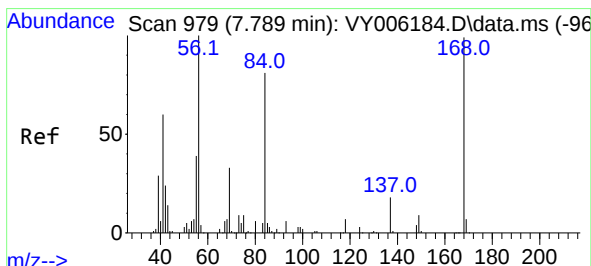
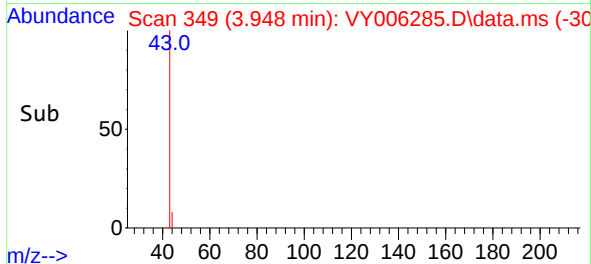
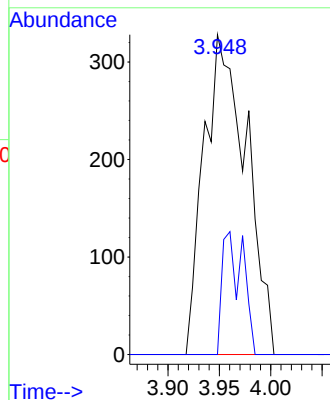
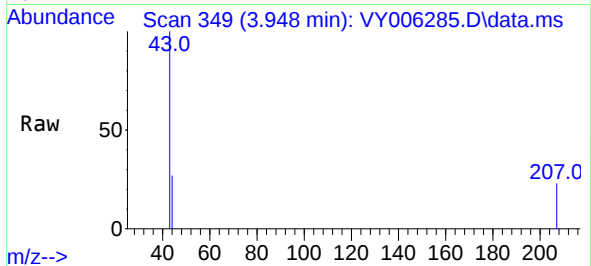




#16
Acetone
Concen: 2.934 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

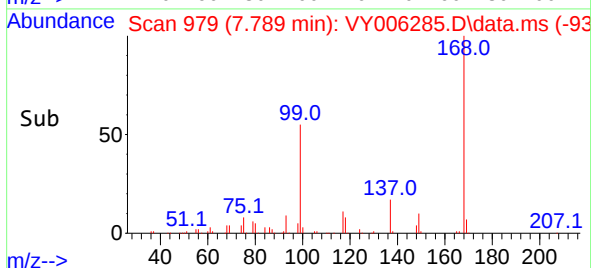
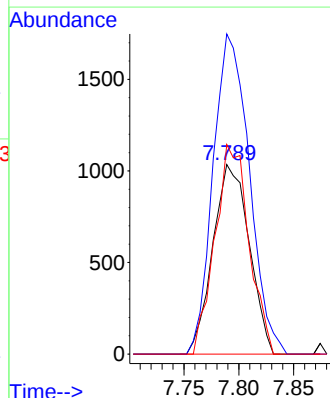
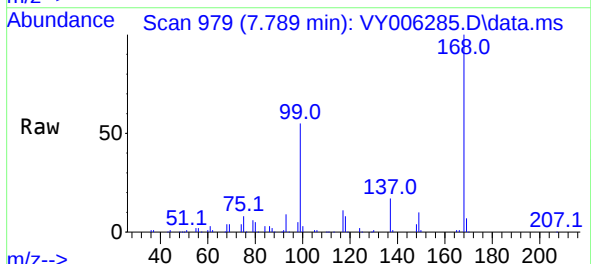
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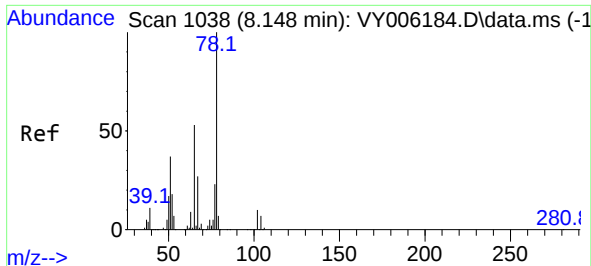
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

Tgt Ion: 56 Resp: 2380
Ion Ratio Lower Upper
56 100
69 168.9 26.7 40.1#
84 110.5 67.2 100.8#

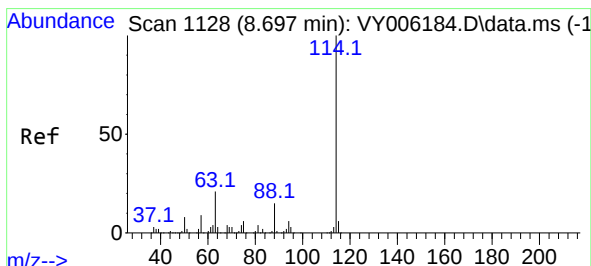
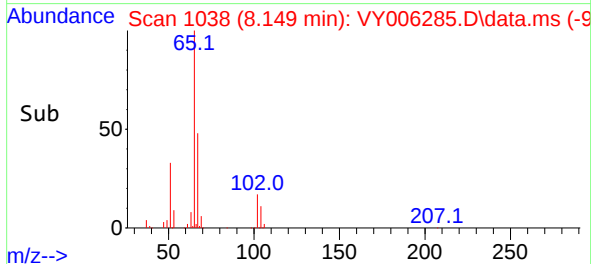
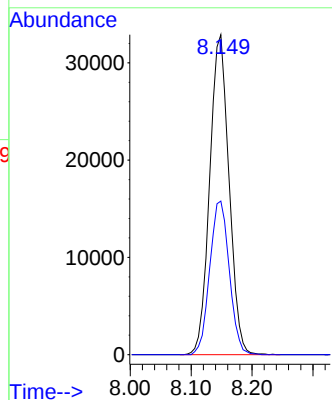
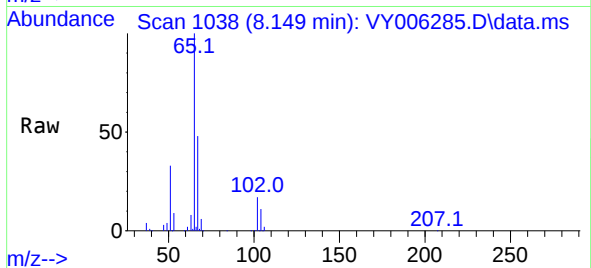




#33
1,2-Dichloroethane-d4
Concen: 62.902 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

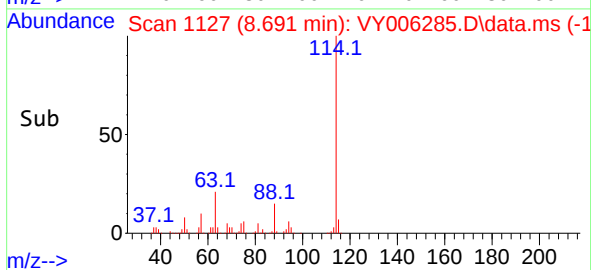
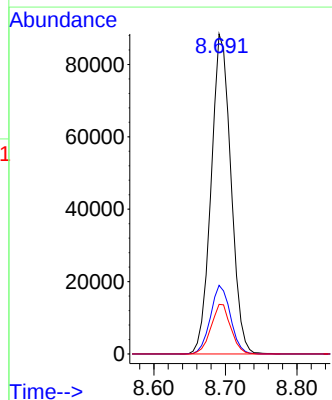
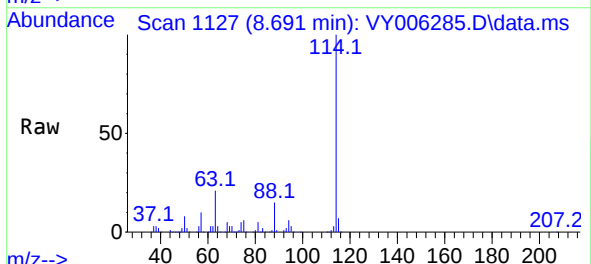
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-9

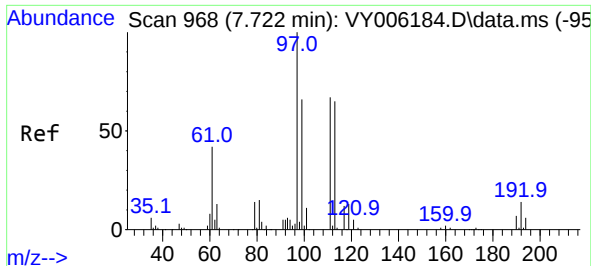
Tgt Ion: 65 Resp: 72379
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

Tgt Ion:114 Resp: 169854
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 15.5 0.0 31.8

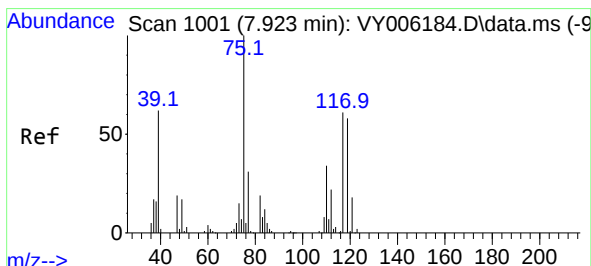
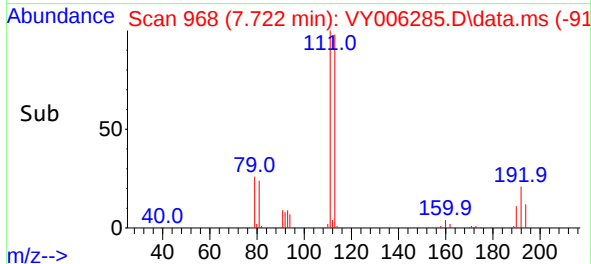
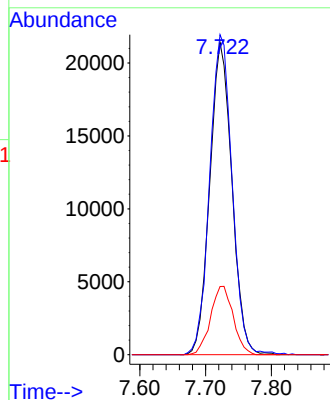
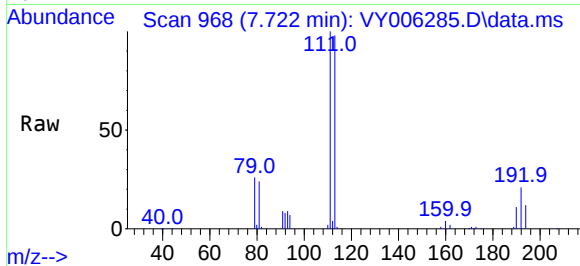




#35
Dibromofluoromethane
Concen: 55.133 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

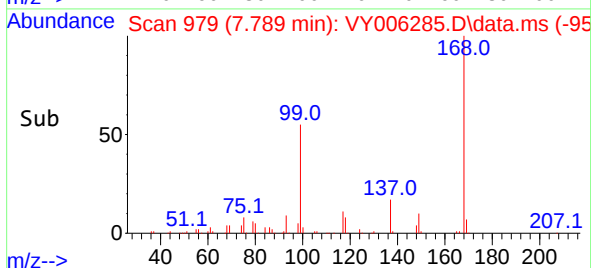
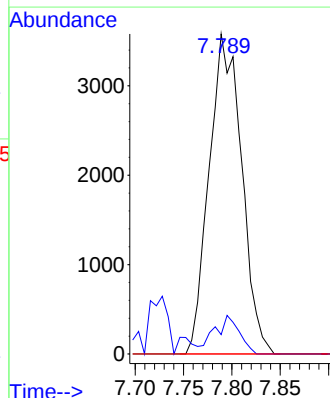
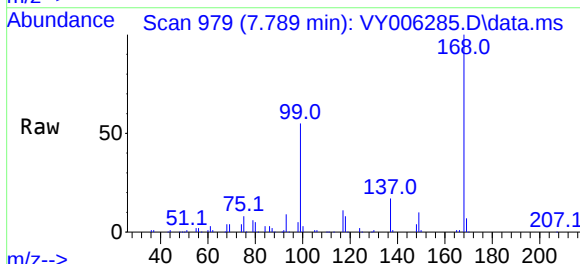
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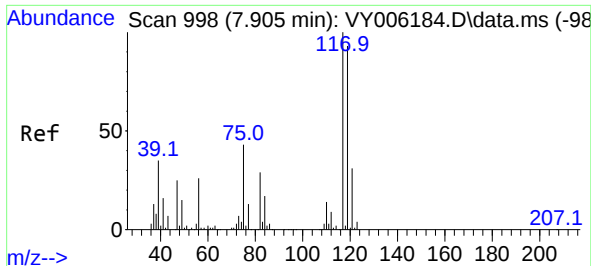
Tgt Ion:	113	Resp:	50031
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	124.0
192	22.4	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.950 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

Tgt Ion:	75	Resp:	8365
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.1	51.2#
77	0.0	24.4	36.6#

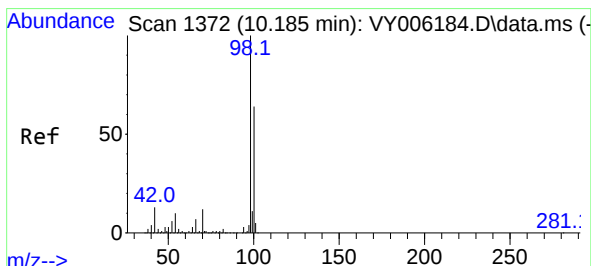
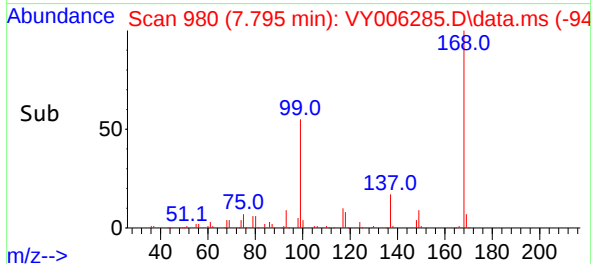
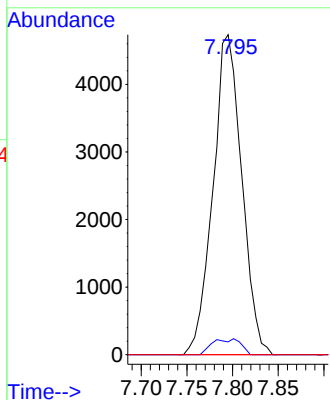
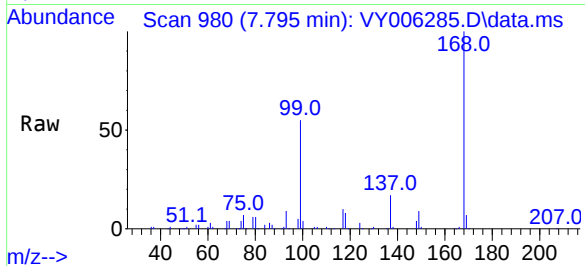




#38
Carbon Tetrachloride
Concen: 5.806 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

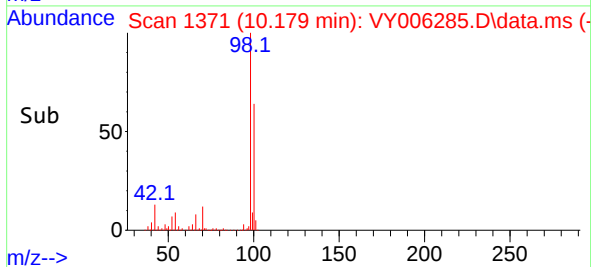
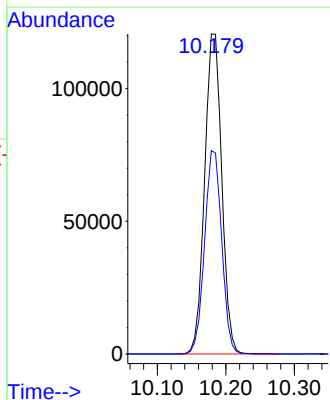
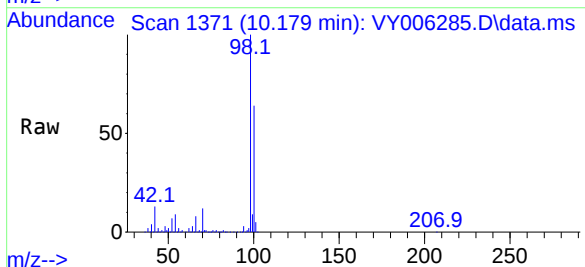
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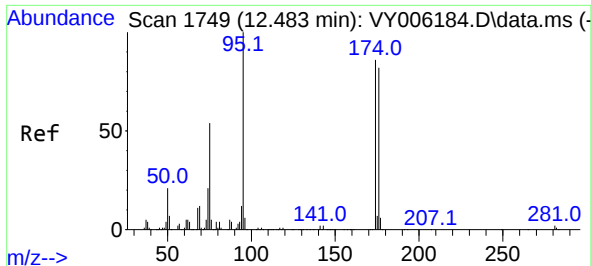
Tgt Ion:117 Resp: 10361
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.316 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

Tgt Ion: 98 Resp: 210086
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



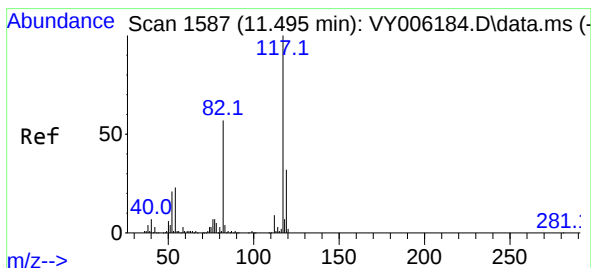
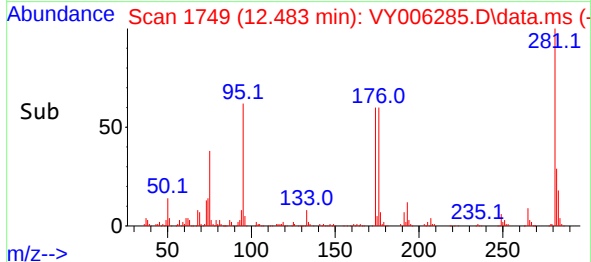
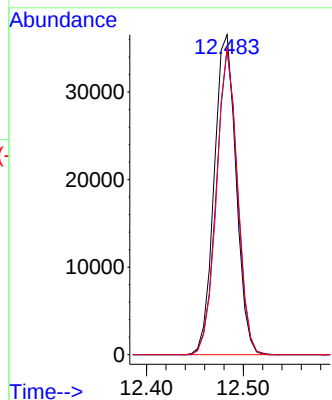
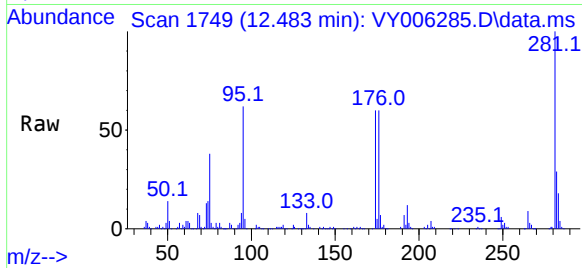


#62
4-Bromofluorobenzene
Concen: 44.500 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 95 Resp: 57414

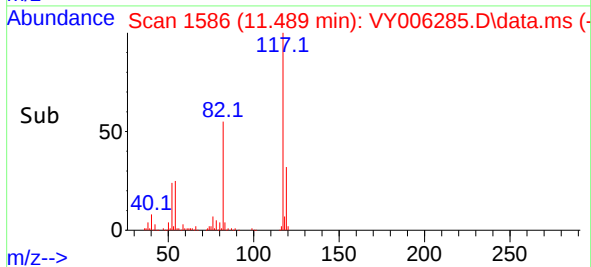
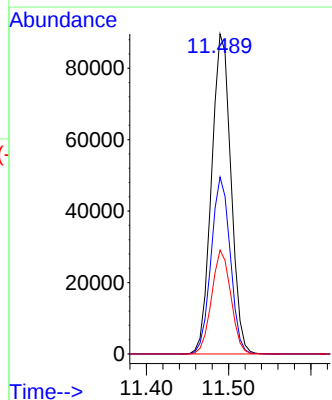
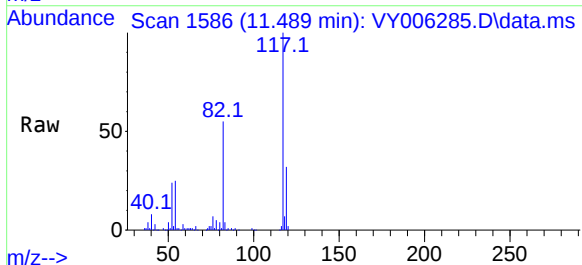
Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	177.0
176	91.7	0.0	175.8

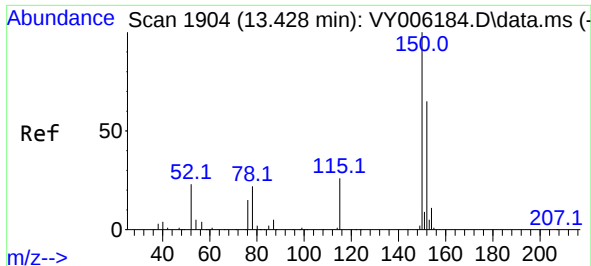


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

Tgt Ion: 117 Resp: 146955

Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.0	64.4
119	32.5	25.4	38.0

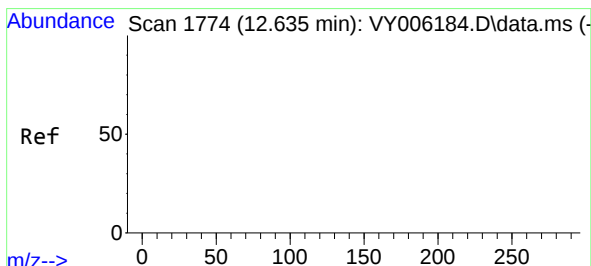
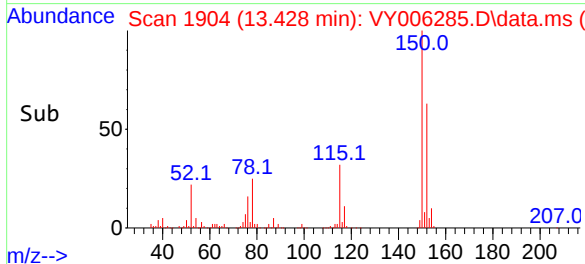
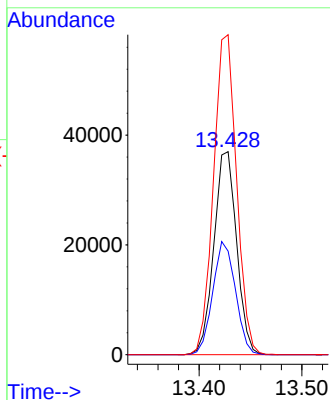
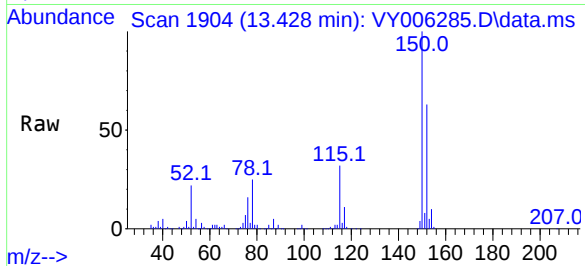




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

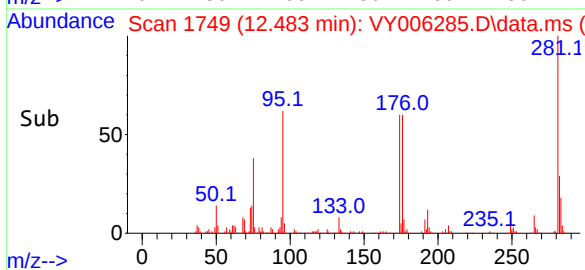
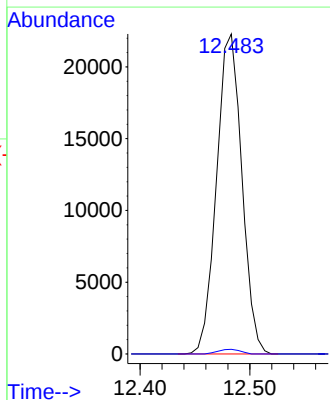
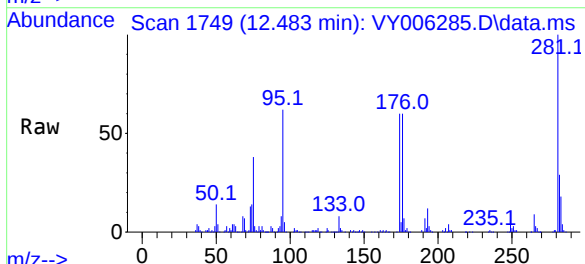
Instrument :
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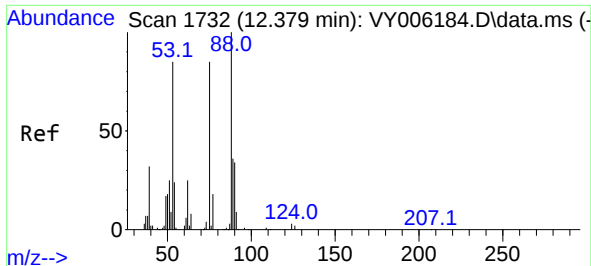
Tgt Ion:152 Resp: 56830
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 159.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 64.770 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

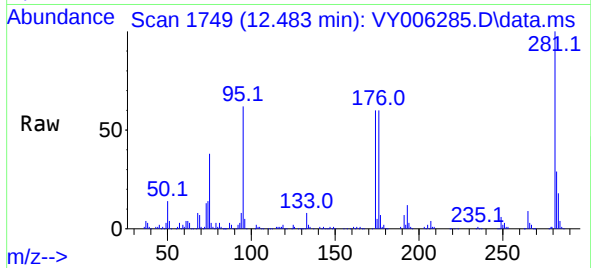
Tgt Ion: 75 Resp: 35776
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 127.281 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006285.D
Acq: 04 Oct 2021 18:42

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE-PENINSULA-1B-9



Tgt Ion: 75 Resp: 35776
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.4 37.0 55.4#

