

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007334.D
 Acq On : 28 Jan 2022 20:26
 Operator : SY/MD
 Sample : N1333-06
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: Jan 31 00:32:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

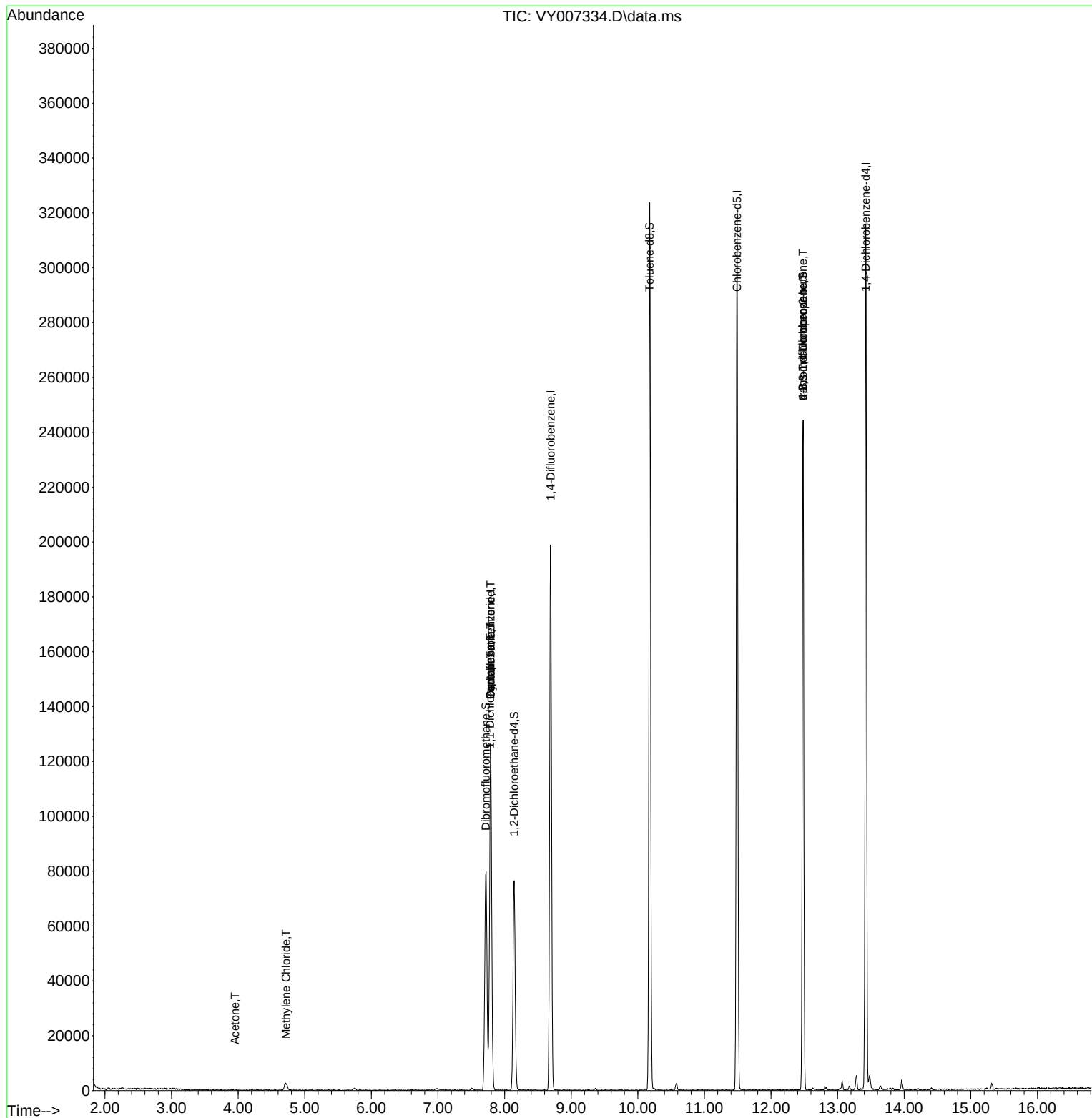
Internal Standards						
1) Pentafluorobenzene	7.789	168	90835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	168340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59626	53.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.000%	
35) Dibromofluoromethane	7.716	113	57898	50.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.720%	
50) Toluene-d8	10.179	98	208359	50.095	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	12.477	95	75574	51.080	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.160%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	641	2.216	ug/l #	45
20) Methylene Chloride	4.716	84	2067	1.728	ug/l	90
31) Cyclohexane	7.789	56	1955	1.038	ug/l #	15
36) 1,1-Dichloropropene	7.783	75	7723	4.248	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10160	5.313	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	41346	48.556	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41346	88.892	ug/l #	3

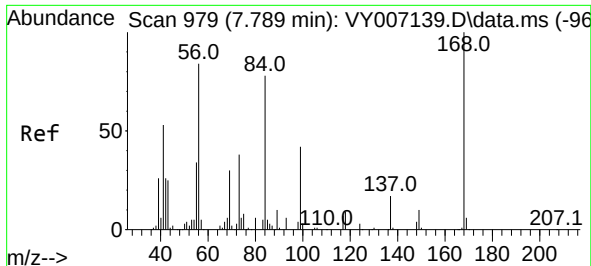
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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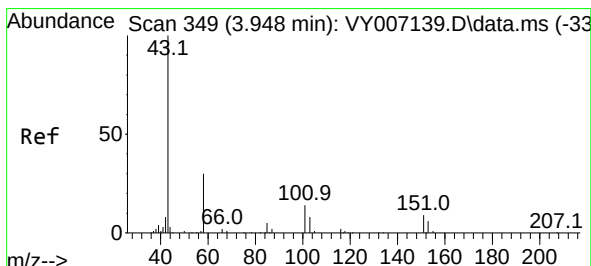
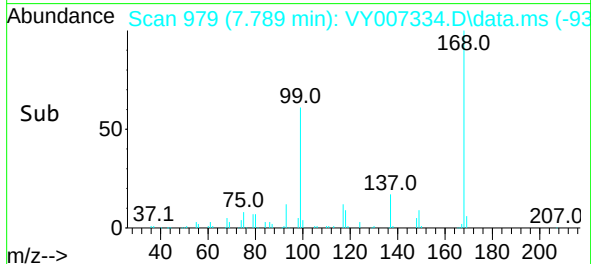
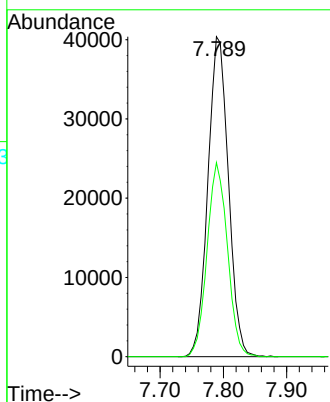
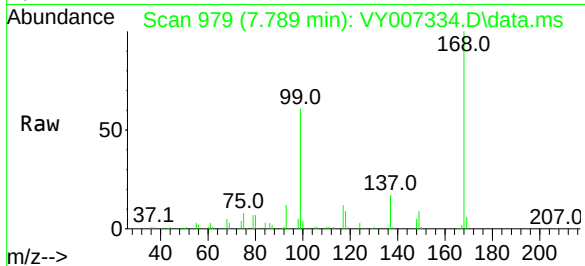




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007334.D
Acq: 28 Jan 2022 20:26

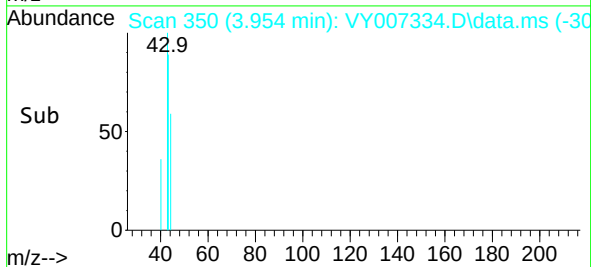
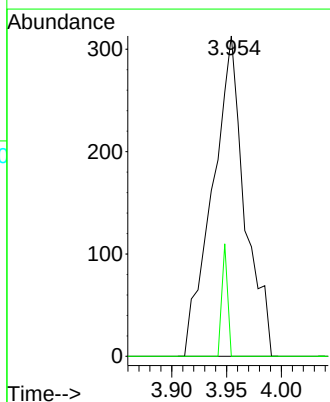
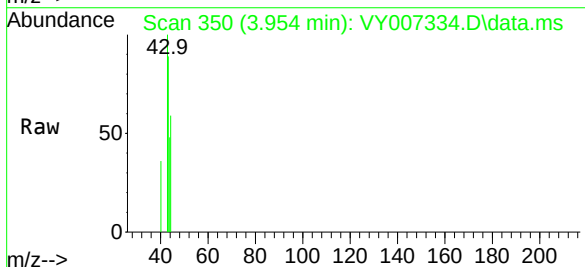
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

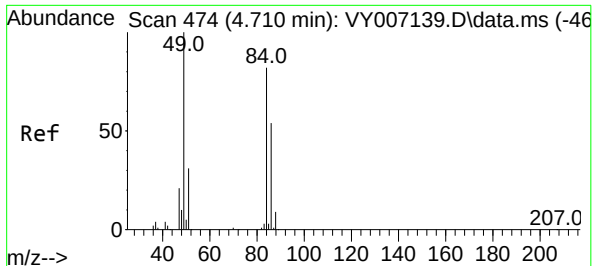
Tgt Ion:168 Resp: 90835
Ion Ratio Lower Upper
168 100
99 60.6 49.1 73.7



#16
Acetone
Concen: 2.216 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.007 min
Lab File: VY007334.D
Acq: 28 Jan 2022 20:26

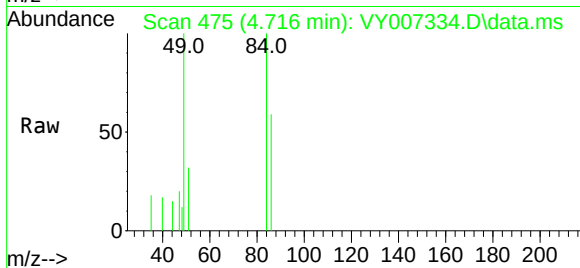
Tgt Ion: 43 Resp: 641
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



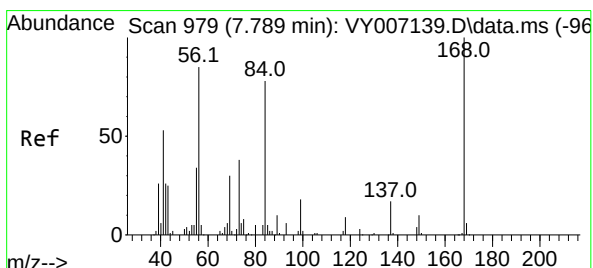
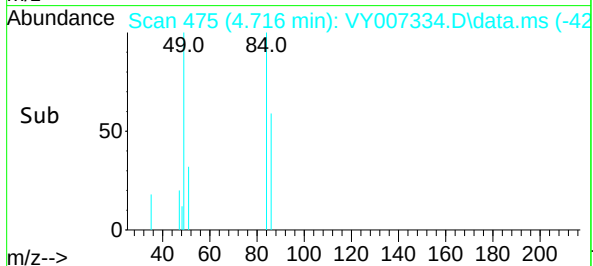
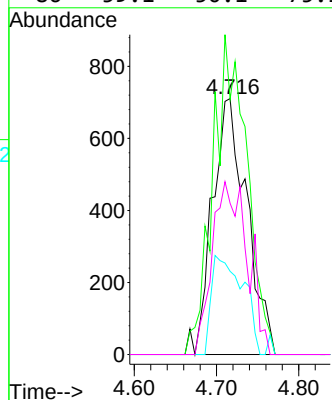


#20
Methylene Chloride
Concen: 1.728 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY007334.D
Acq: 28 Jan 2022 20:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

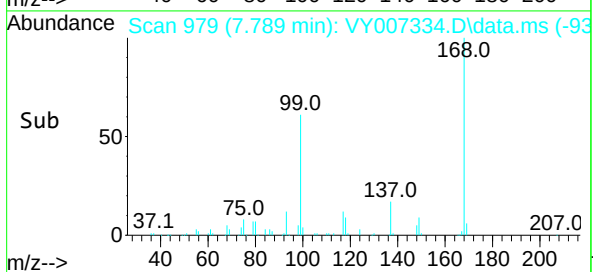
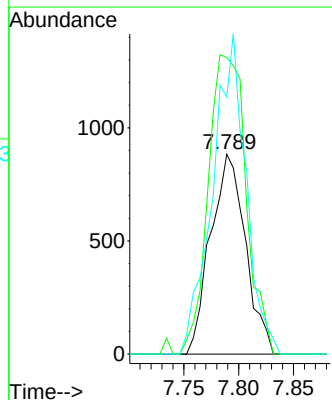
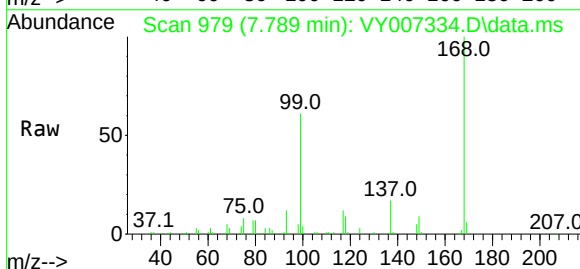


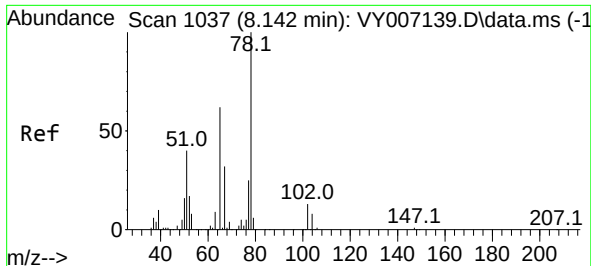
Tgt Ion: 84	Resp: 2067
Ion Ratio	Lower Upper
84 100	
49 99.6	92.6 139.0
51 32.5	28.6 42.8
86 59.1	50.1 75.1



#31
Cyclohexane
Concen: 1.038 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007334.D
Acq: 28 Jan 2022 20:26

Tgt Ion: 56	Resp:	1955	
Ion	Ratio	Lower	Upper
56	100		
69	148.5	27.2	40.8#
84	128.8	72.1	108.1#

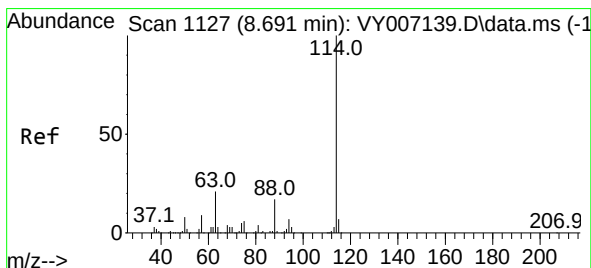
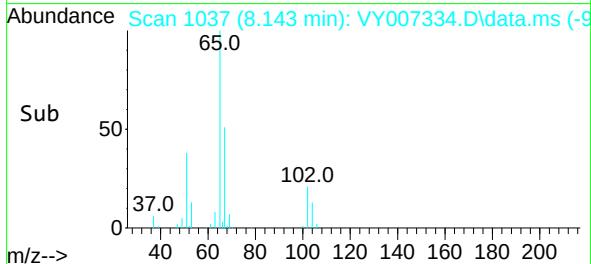
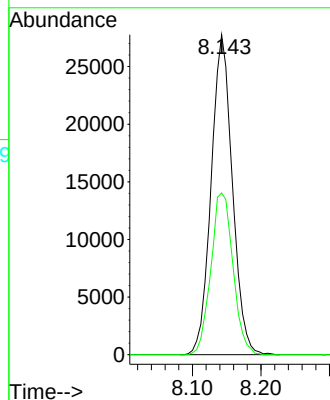
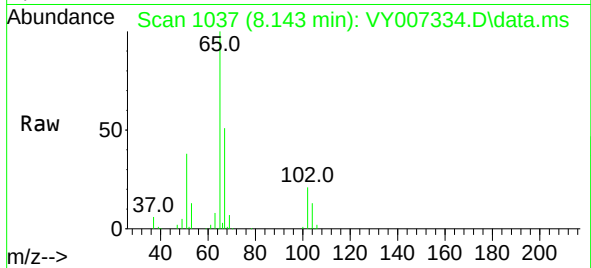




#33
 1,2-Dichloroethane-d4
 Concen: 53.497 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007334.D
 Acq: 28 Jan 2022 20:26

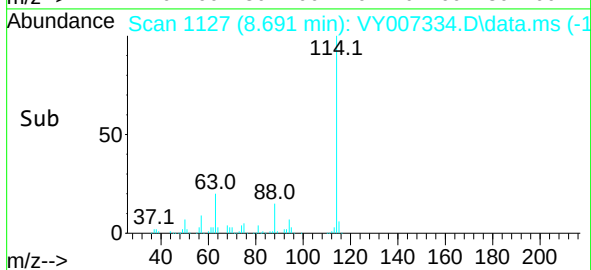
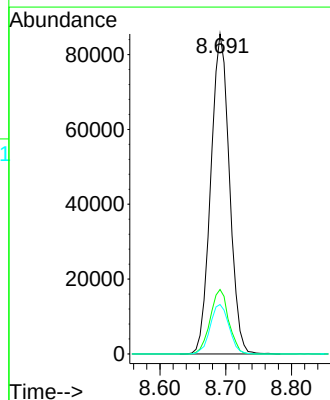
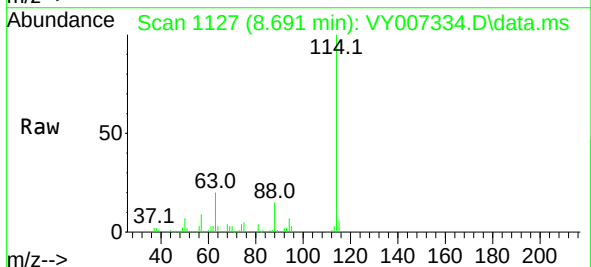
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

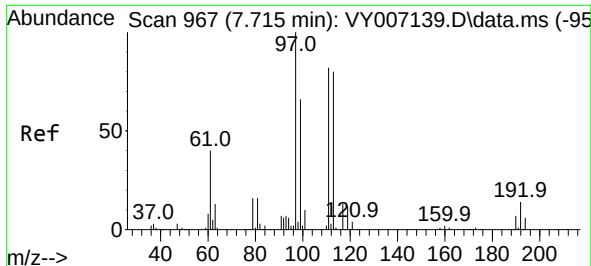
Tgt Ion: 65 Resp: 59626
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007334.D
 Acq: 28 Jan 2022 20:26

Tgt Ion: 114 Resp: 168340
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 15.5 0.0 31.0

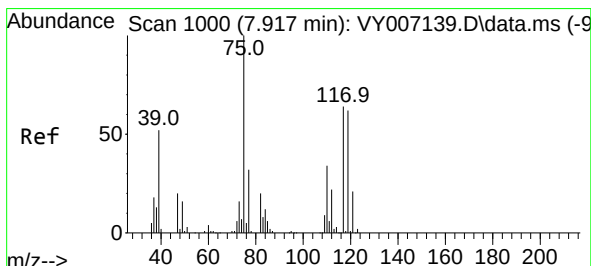
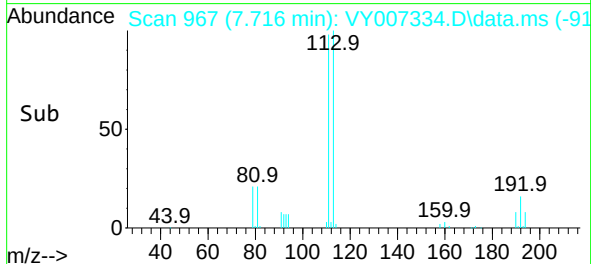
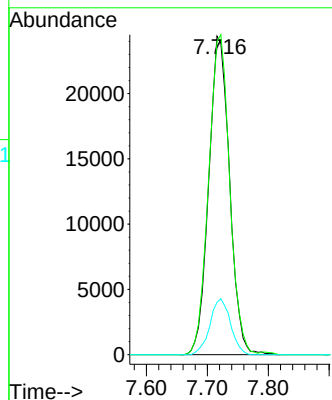
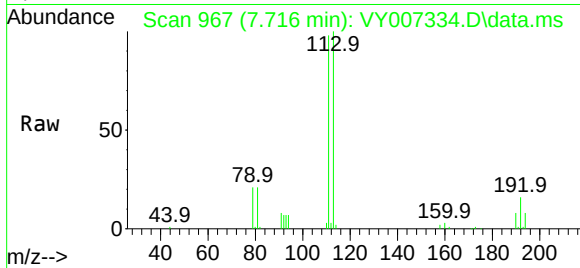




#35
Dibromofluoromethane
Concen: 50.864 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007334.D
Acq: 28 Jan 2022 20:26

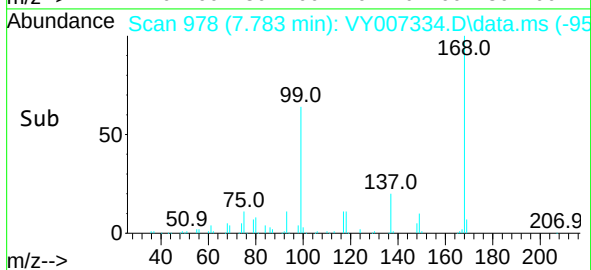
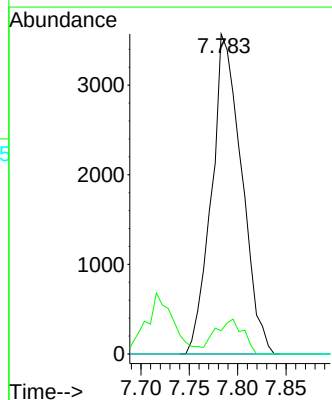
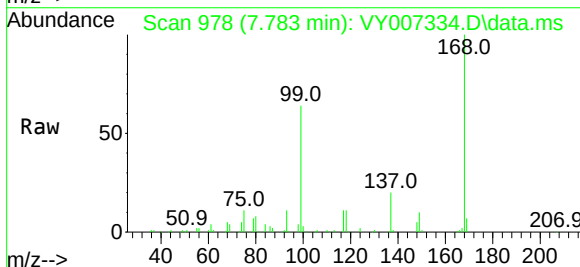
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

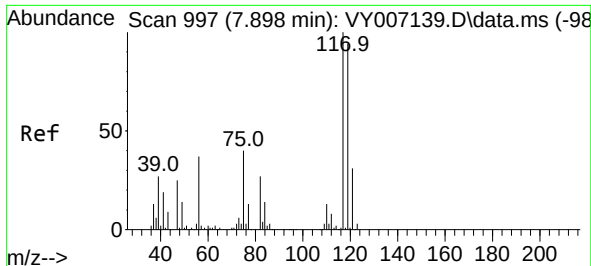
Tgt Ion:113 Resp: 57898
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 17.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.248 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007334.D
Acq: 28 Jan 2022 20:26

Tgt Ion: 75 Resp: 7723
Ion Ratio Lower Upper
75 100
110 9.9 17.3 51.9#
77 0.0 24.7 37.1#

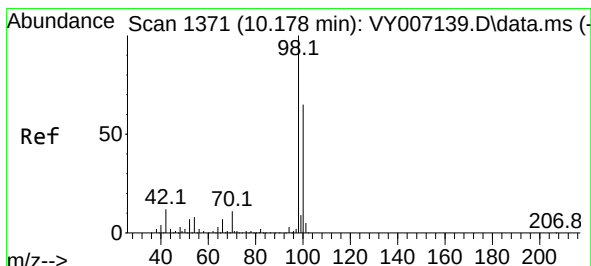
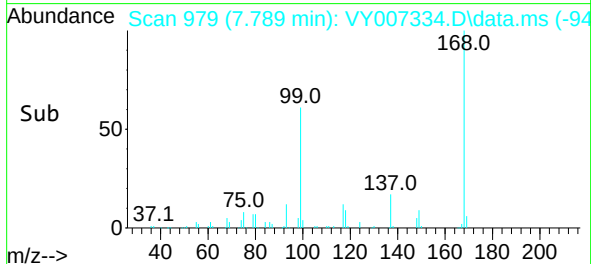
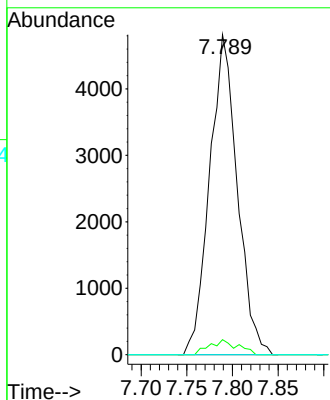
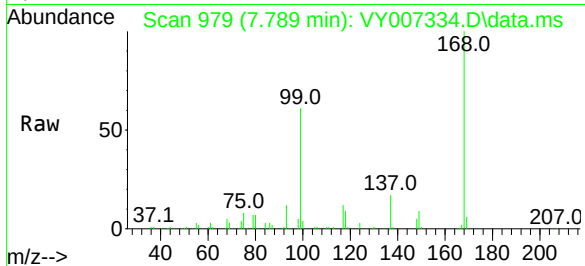




#38
Carbon Tetrachloride
Concen: 5.313 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007334.D
Acq: 28 Jan 2022 20:26

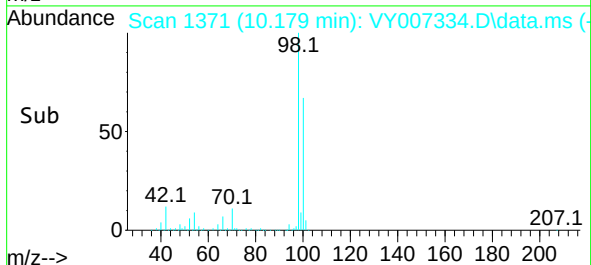
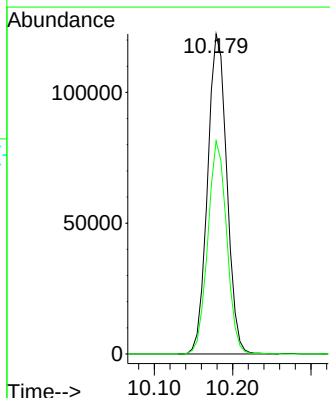
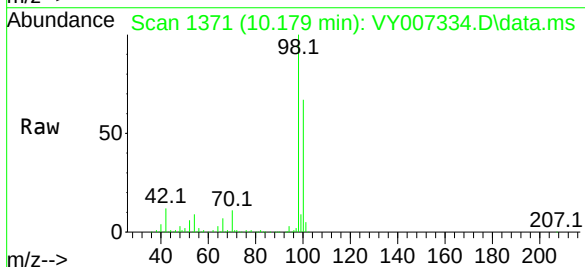
Instrument :
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ClientSampleId :
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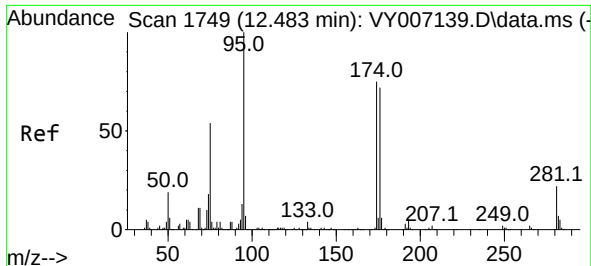
Tgt Ion:117 Resp: 10160
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.095 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007334.D
Acq: 28 Jan 2022 20:26

Tgt Ion: 98 Resp: 208359
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2

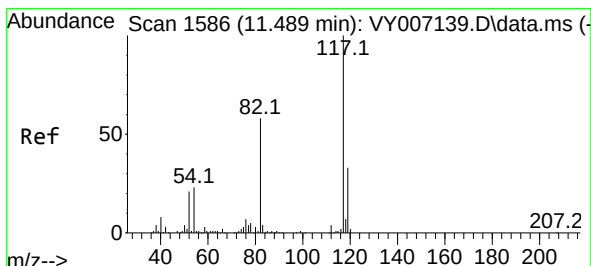
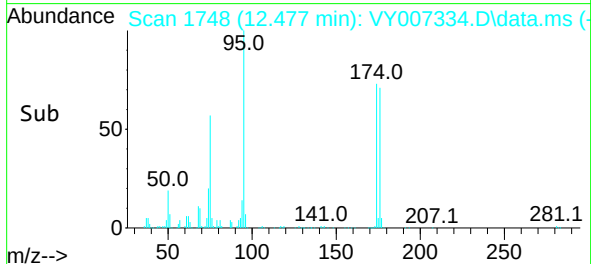
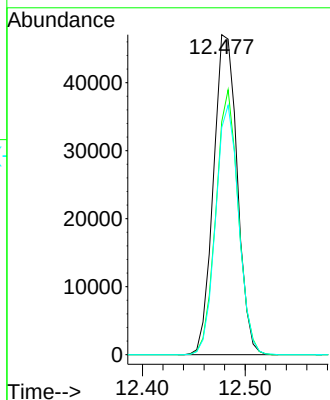
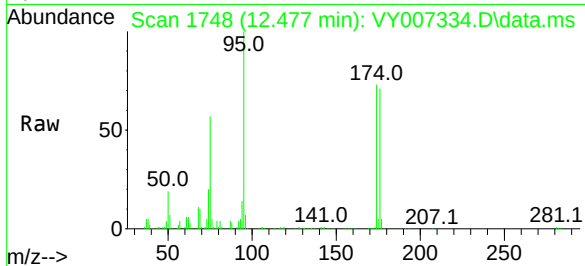




#62
4-Bromofluorobenzene
Concen: 51.080 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007334.D
Acq: 28 Jan 2022 20:26

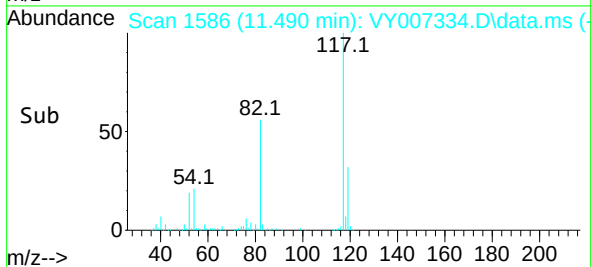
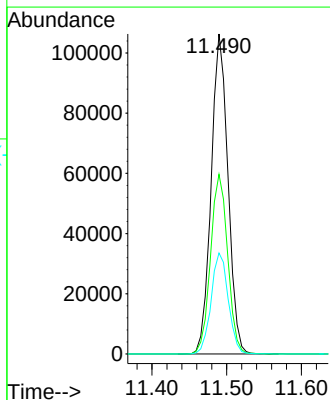
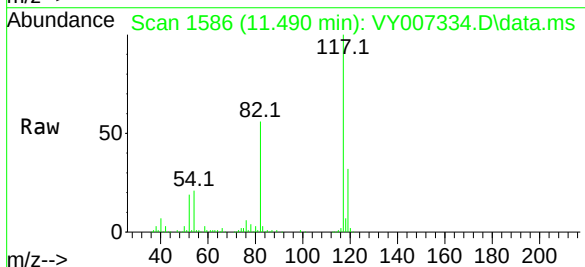
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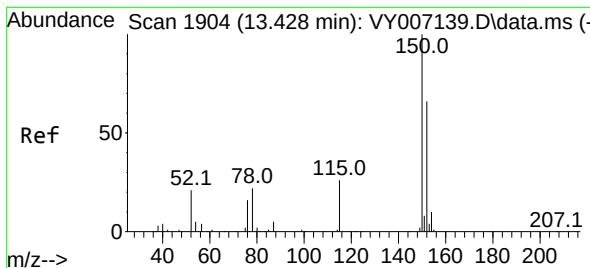
Tgt Ion:	95	Resp:	75574
Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	148.4
176	75.6	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007334.D
Acq: 28 Jan 2022 20:26

Tgt Ion:	117	Resp:	165746
Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.4	68.0
119	31.5	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY007334.D

Acq: 28 Jan 2022 20:26

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

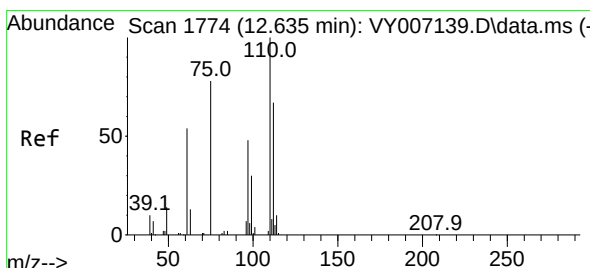
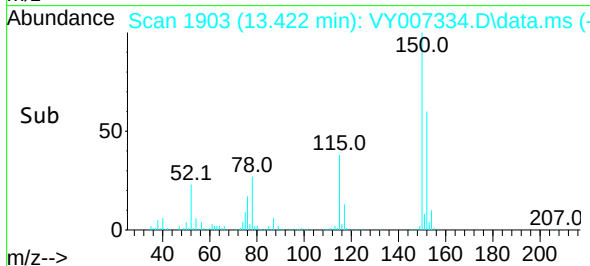
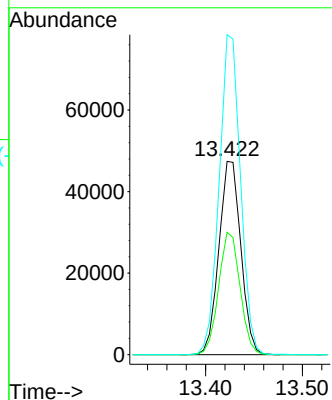
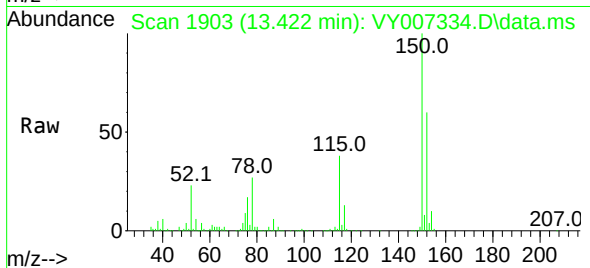
Tgt Ion:152 Resp: 74677

Ion Ratio Lower Upper

152 100

115 61.9 31.4 94.0

150 160.8 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 48.556 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY007334.D

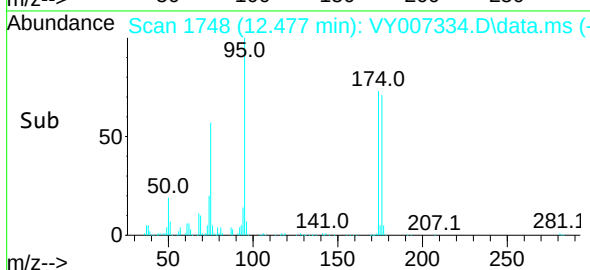
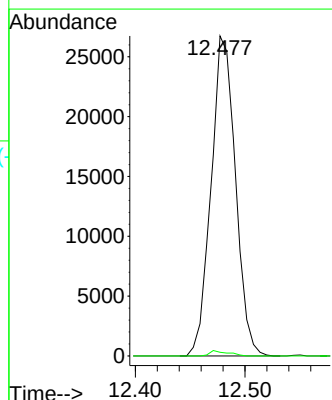
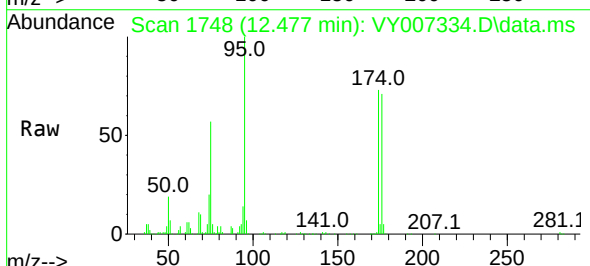
Acq: 28 Jan 2022 20:26

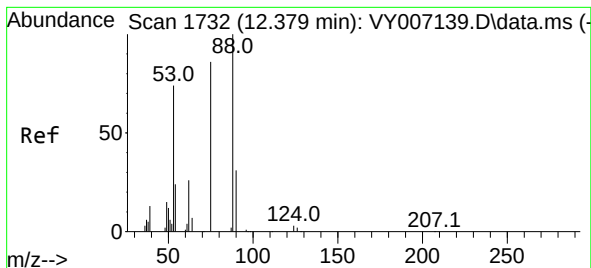
Tgt Ion: 75 Resp: 41346

Ion Ratio Lower Upper

75 100

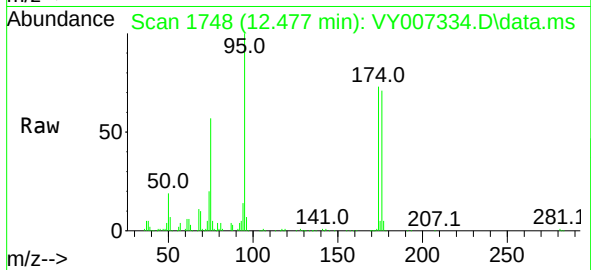
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.892 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY007334.D
 Acq: 28 Jan 2022 20:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6



Tgt Ion: 75 Resp: 41346
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 0.0 0.0

