

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016283.D
 Acq On : 09 Nov 2023 15:47
 Operator : SY/MD
 Sample : 05311-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 23:00:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

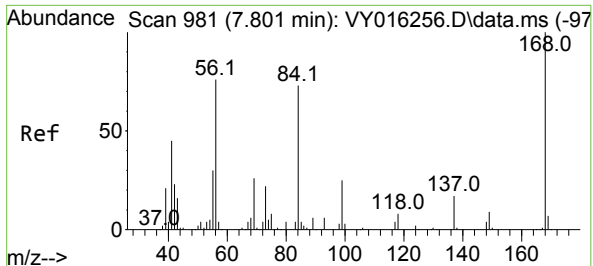
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	95249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	169733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60406	69.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.780%	
35) Dibromofluoromethane	7.728	113	52588	54.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.080%	
50) Toluene-d8	10.185	98	199411	51.000	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	12.489	95	70923	55.849	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.700%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	908	6.306	ug/l	94
20) Methylene Chloride	4.722	84	7623	4.313	ug/l #	83
31) Cyclohexane	7.783	56	1834	1.070	ug/l #	45
36) 1,1-Dichloropropene	7.795	75	8023	4.792	ug/l #	48
38) Carbon Tetrachloride	7.795	117	9346	5.379	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	757	1.145	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	36599	49.860	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36599	108.226	ug/l #	10

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

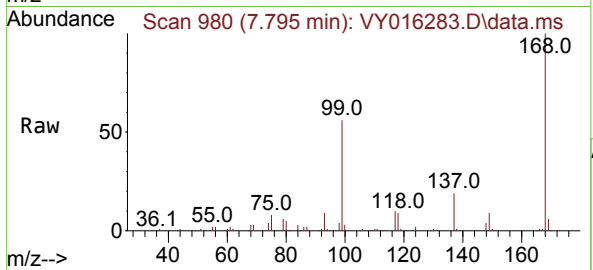
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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



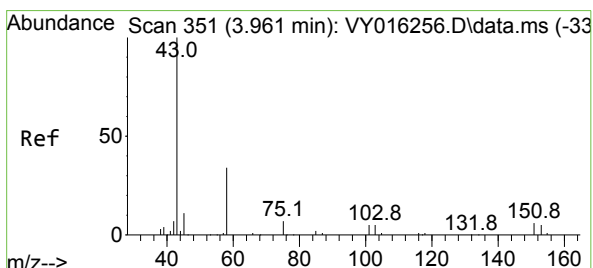
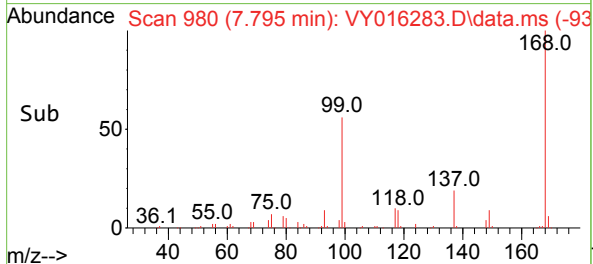
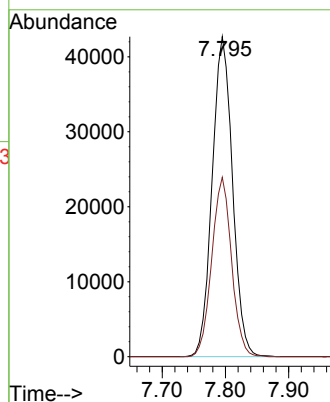


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016283.D
Acq: 09 Nov 2023 15:47

Instrument :
MSVOA_Y
ClientSampleId :

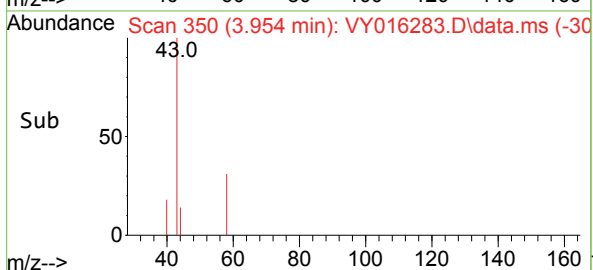
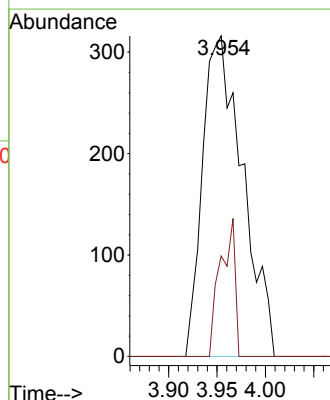
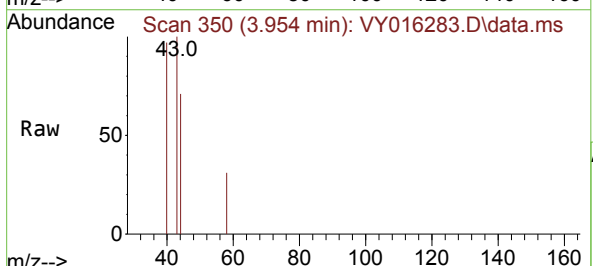


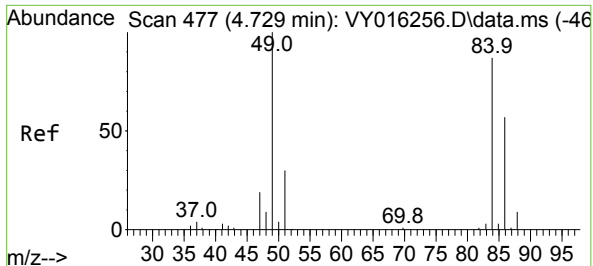
Tgt Ion:168 Resp: 95249
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#16
Acetone
Concen: 6.306 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016283.D
Acq: 09 Nov 2023 15:47

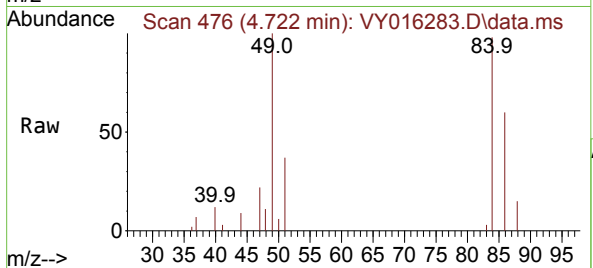
Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1



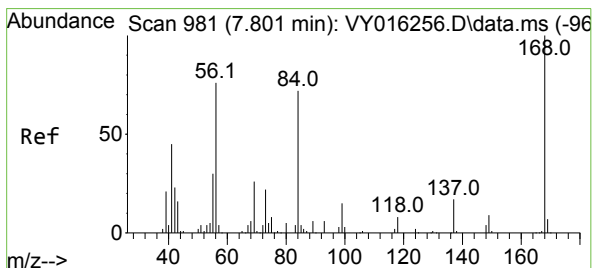
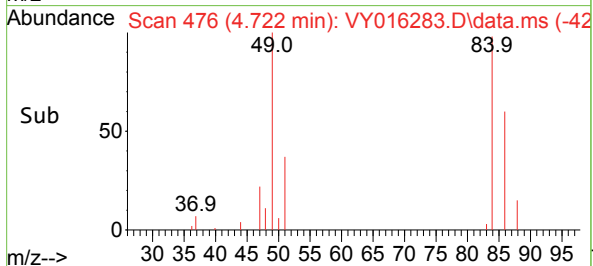
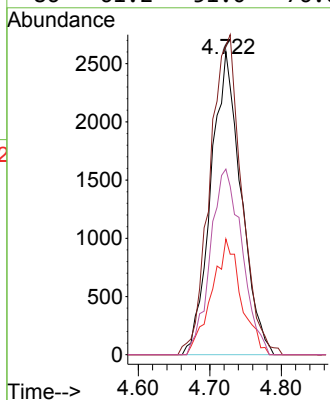


#20
Methylene Chloride
Concen: 4.313 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016283.D
Acq: 09 Nov 2023 15:47

Instrument :
MSVOA_Y
ClientSampleId :

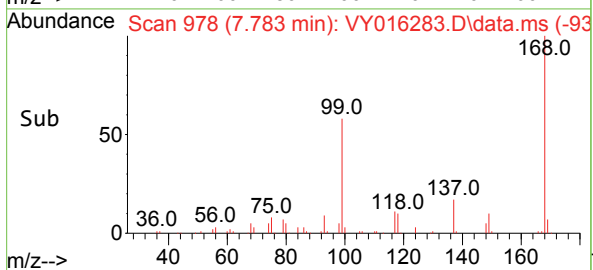
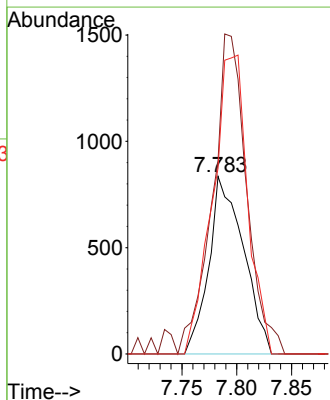
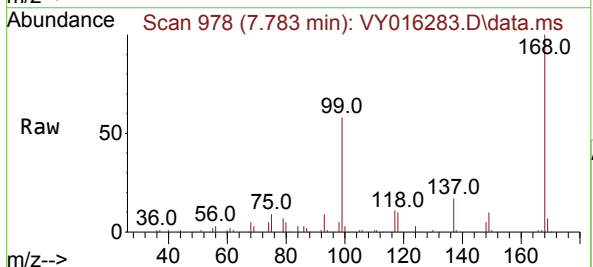


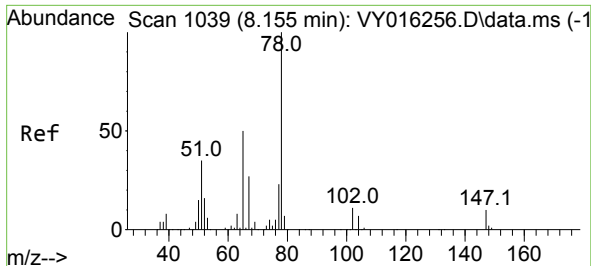
Tgt Ion:	84	Resp:	7623
Ion	Ratio	Lower	Upper
84	100		
49	101.8	106.9	160.3#
51	38.2	33.2	49.8
86	61.2	51.0	76.6



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.018 min
Lab File: VY016283.D
Acq: 09 Nov 2023 15:47

Tgt Ion:	56	Resp:	1834
Ion	Ratio	Lower	Upper
56	100		
69	108.9	27.8	41.6#
84	104.7	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 69.389 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016283.D

Acq: 09 Nov 2023 15:47

Instrument :

MSVOA_Y

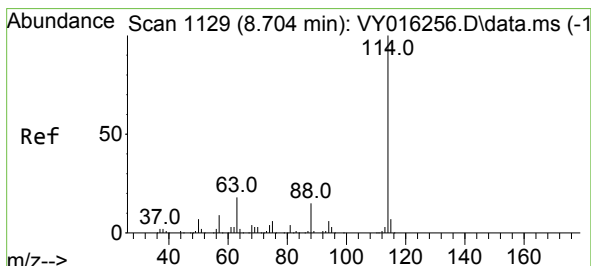
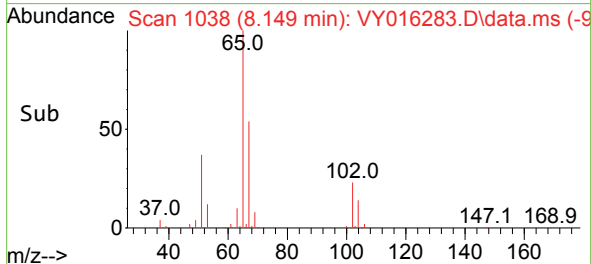
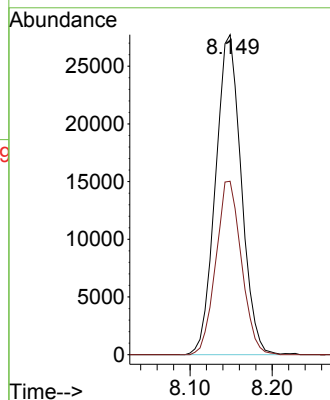
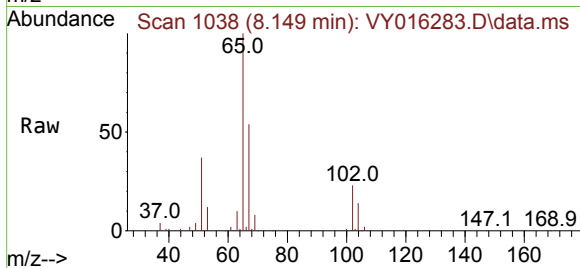
ClientSampleId :

Tgt Ion: 65 Resp: 60406

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016283.D

Acq: 09 Nov 2023 15:47

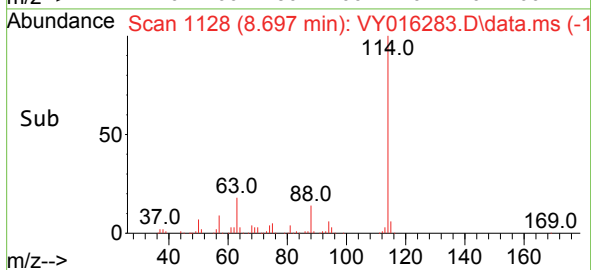
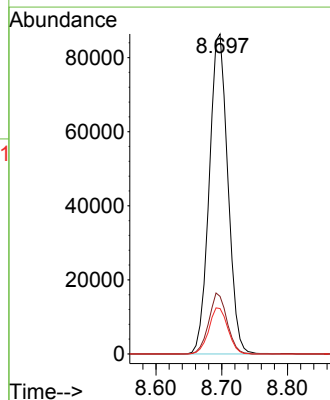
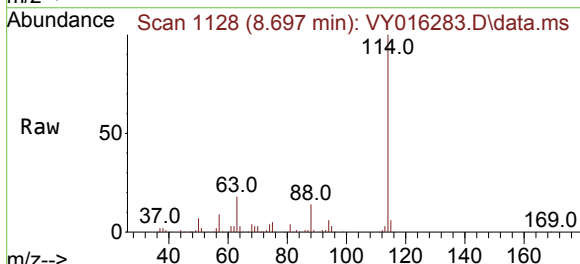
Tgt Ion: 114 Resp: 169733

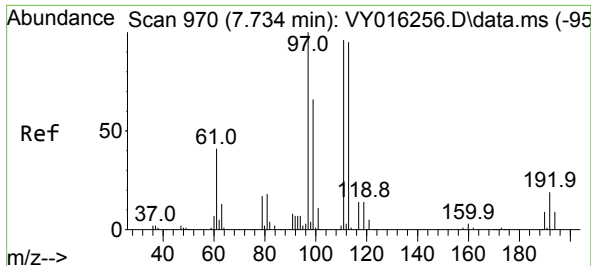
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

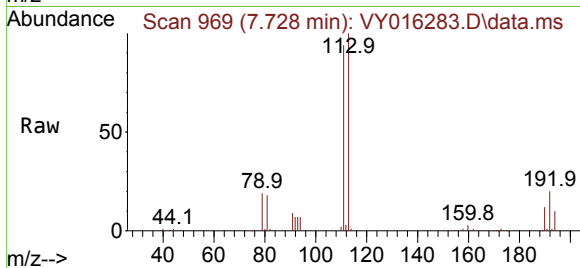
88 14.2 0.0 30.6



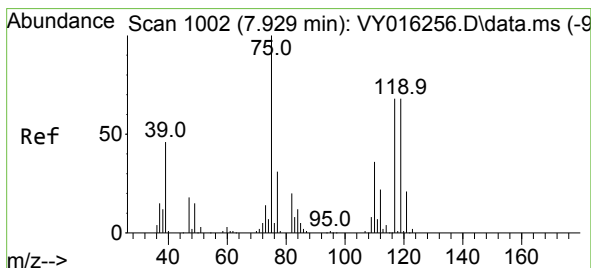
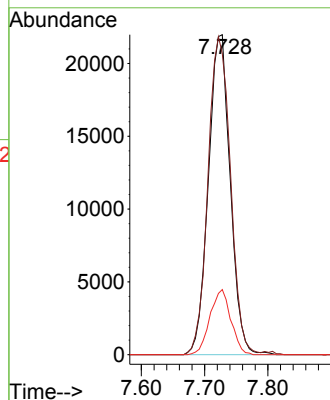
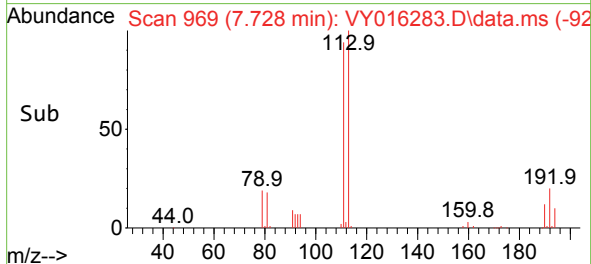


#35
Dibromofluoromethane
Concen: 54.541 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016283.D
Acq: 09 Nov 2023 15:47

Instrument :
MSVOA_Y
ClientSampleId :

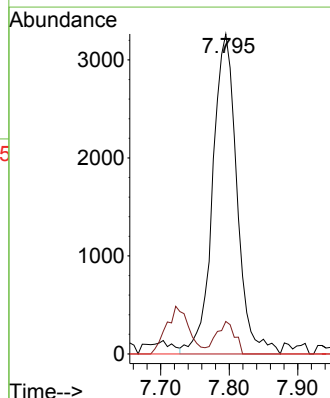
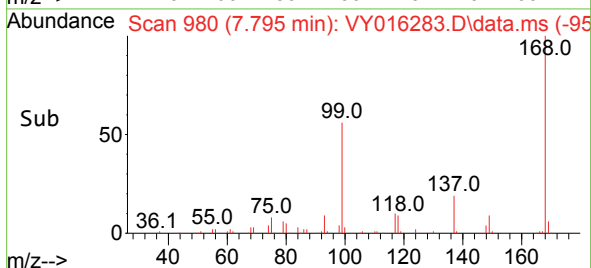
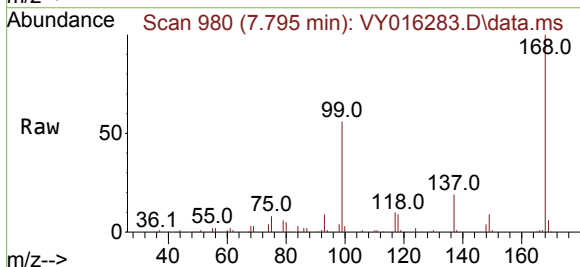


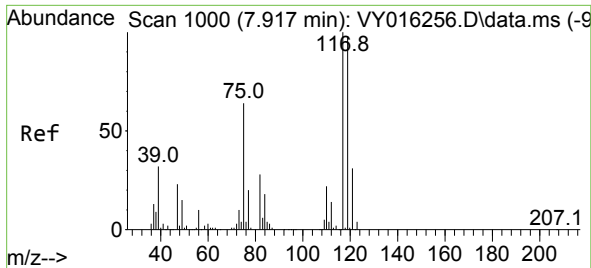
Tgt Ion:113 Resp: 52588
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.792 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016283.D
Acq: 09 Nov 2023 15:47

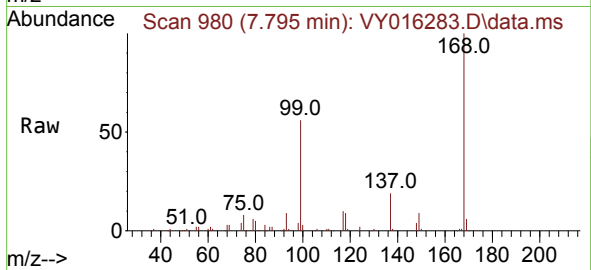
Tgt Ion: 75 Resp: 8023
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.5#
77 0.0 24.4 36.6#



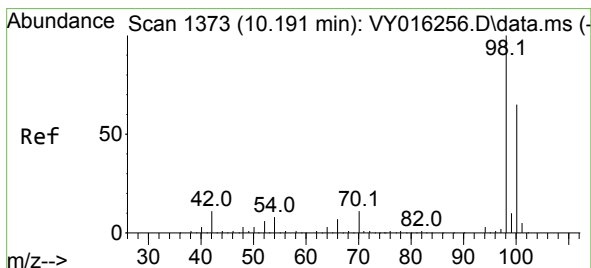
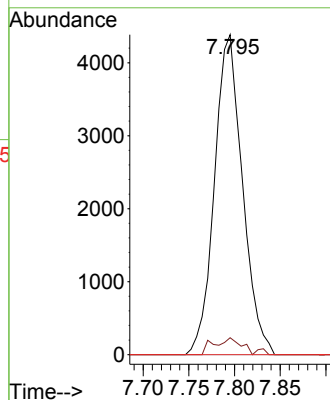
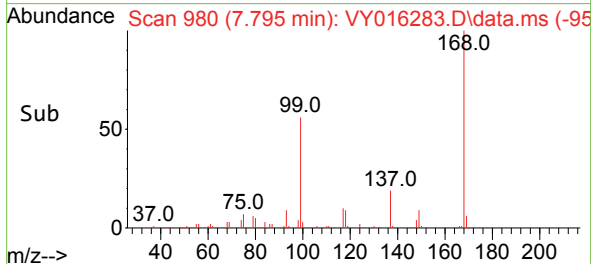


#38
Carbon Tetrachloride
Concen: 5.379 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016283.D
Acq: 09 Nov 2023 15:47

Instrument :
MSVOA_Y
ClientSampleId :

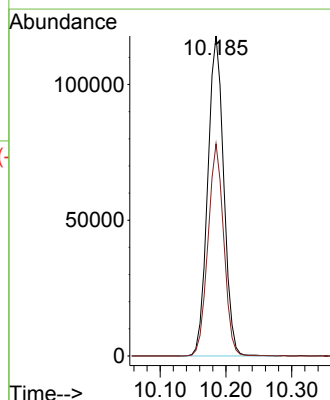
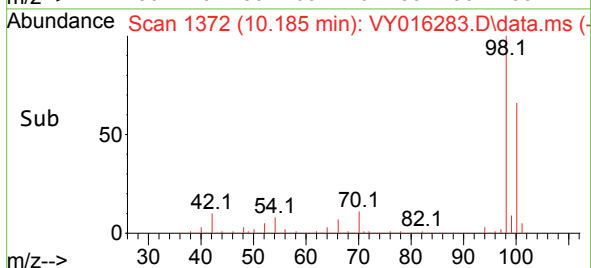
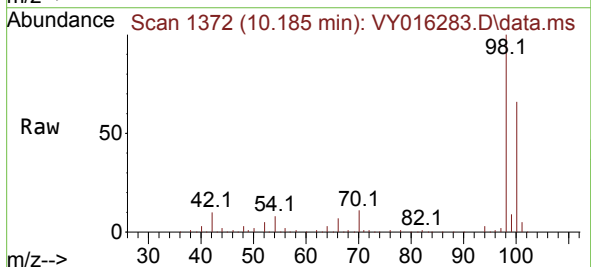


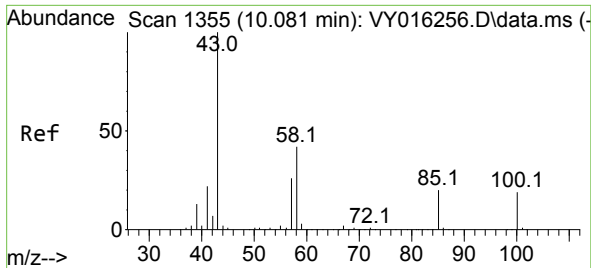
Tgt Ion:117 Resp: 9346
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.000 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016283.D
Acq: 09 Nov 2023 15:47

Tgt Ion: 98 Resp: 199411
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

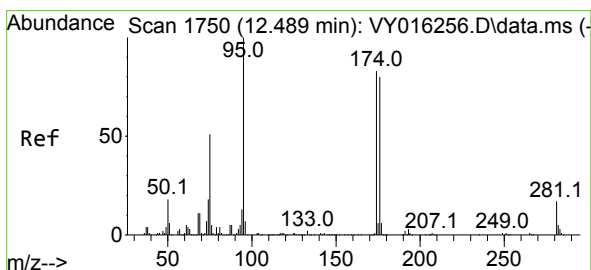
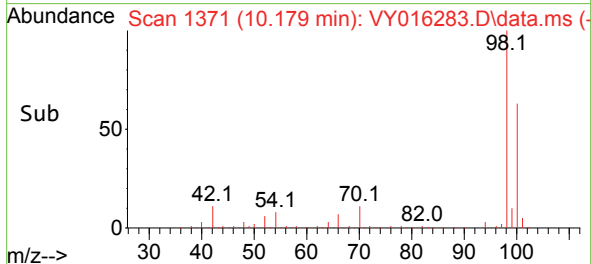
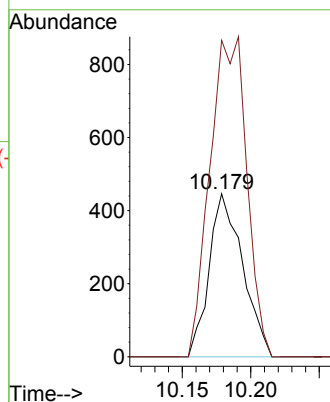
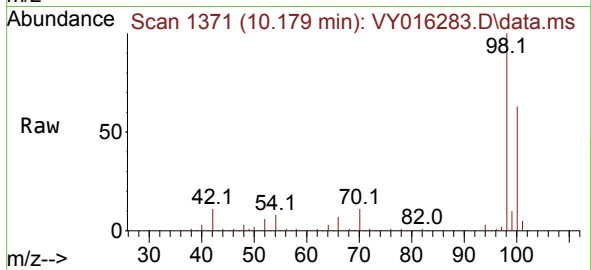




#51
 4-Methyl-2-Pentanone
 Concen: 1.145 ug/l
 RT: 10.179 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY016283.D
 Acq: 09 Nov 2023 15:47

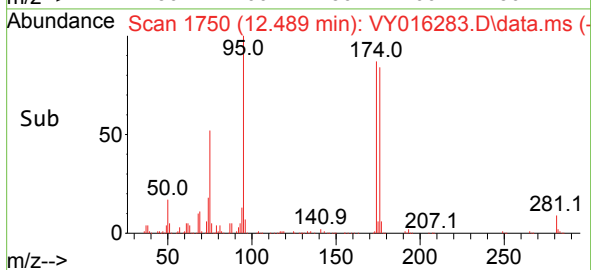
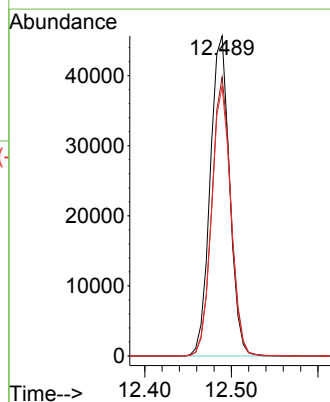
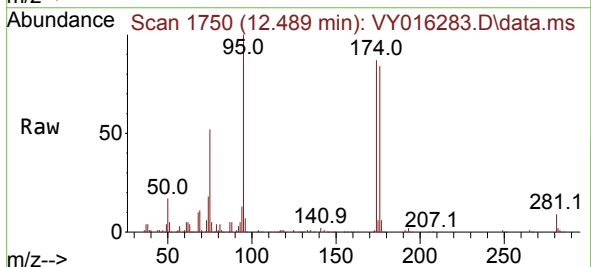
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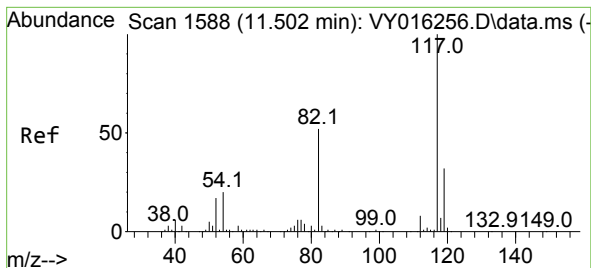
Tgt Ion: 43 Resp: 757
 Ion Ratio Lower Upper
 43 100
 58 216.4 29.0 43.6#



#62
 4-Bromofluorobenzene
 Concen: 55.849 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VY016283.D
 Acq: 09 Nov 2023 15:47

Tgt Ion: 95 Resp: 70923
 Ion Ratio Lower Upper
 95 100
 174 85.9 0.0 178.2
 176 83.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016283.D

Acq: 09 Nov 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

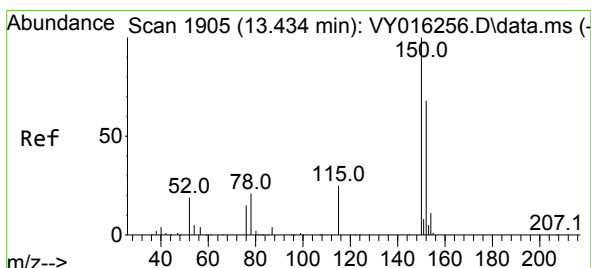
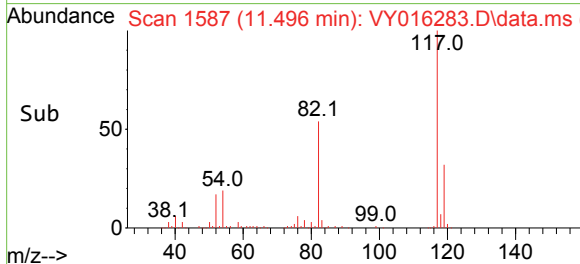
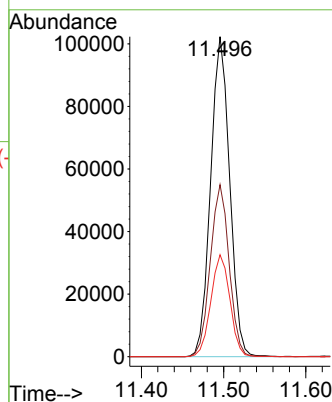
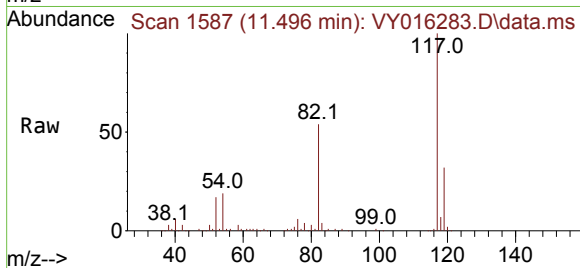
Tgt Ion:117 Resp: 164553

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016283.D

Acq: 09 Nov 2023 15:47

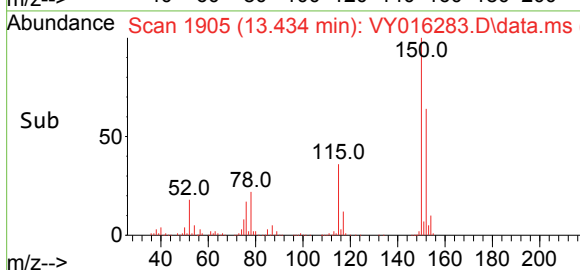
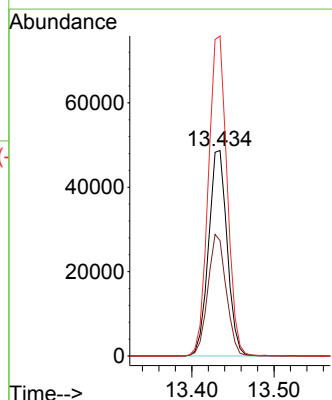
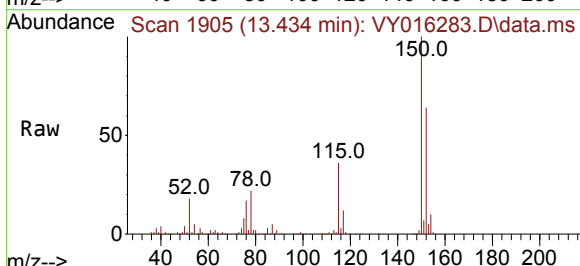
Tgt Ion:152 Resp: 76518

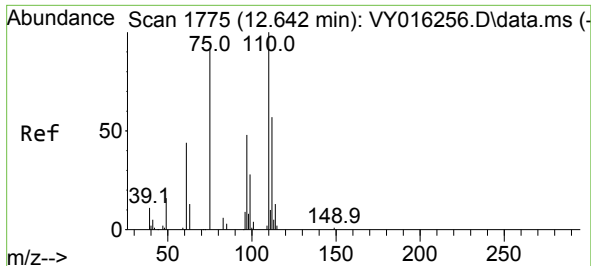
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 156.6 0.0 348.8

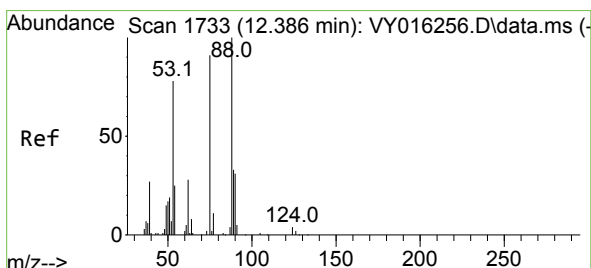
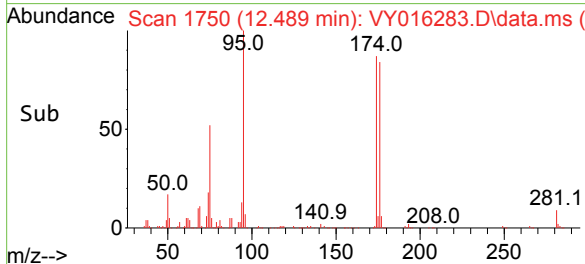
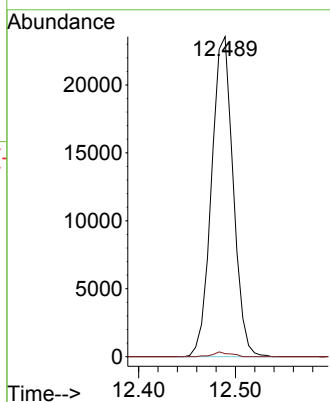
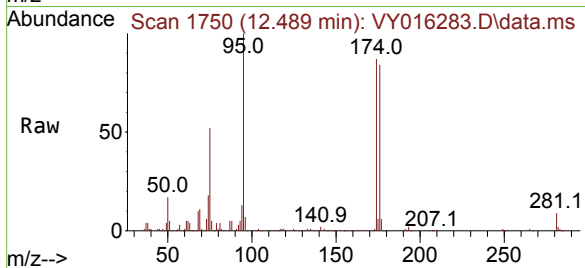




#76
1,2,3-Trichloropropane
Concen: 49.860 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016283.D
Acq: 09 Nov 2023 15:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36599
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.226 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016283.D
Acq: 09 Nov 2023 15:47

Tgt Ion: 75 Resp: 36599
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

