

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016459.D
 Acq On : 22 Nov 2023 14:00
 Operator : SY/MD
 Sample : 05468-07
 Misc : 6.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:06:13 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)

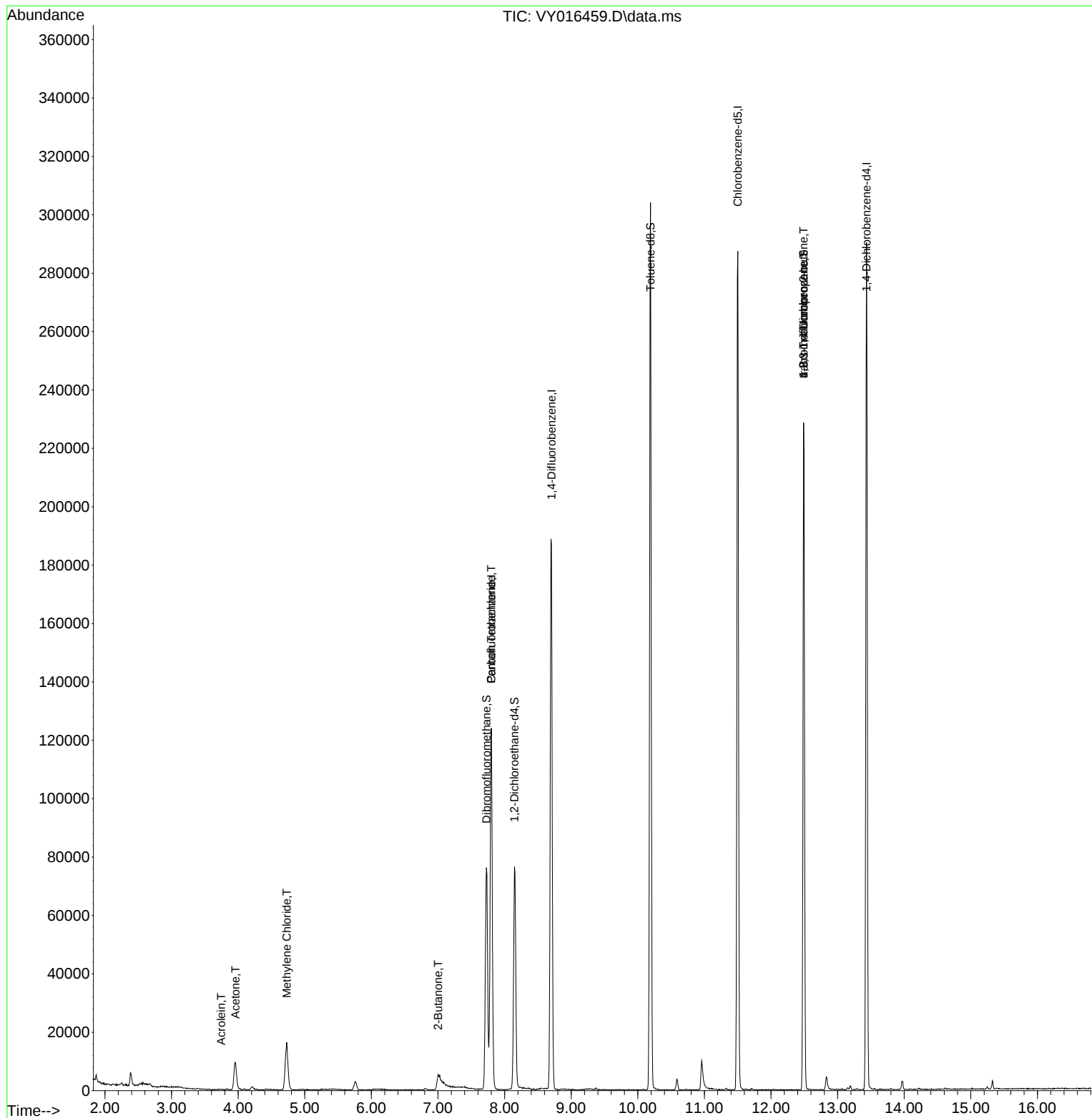
Internal Standards						
1) Pentafluorobenzene	7.801	168	99646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	175830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	169128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61791	67.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.700%	
35) Dibromofluoromethane	7.728	113	55636	55.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.400%	
50) Toluene-d8	10.191	98	203666	50.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.489	95	71591	54.420	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.840%	
Target Compounds						
					Qvalue	
13) Acrolein	3.747	56	136	1.581	ug/l #	68
16) Acetone	3.960	43	17020	112.981	ug/l	92
20) Methylene Chloride	4.729	84	12731	9.117	ug/l #	79
25) 2-Butanone	7.002	43	2810	10.649	ug/l	99
38) Carbon Tetrachloride	7.801	117	9813	5.452	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	36156	46.664	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36156	101.289	ug/l #	10

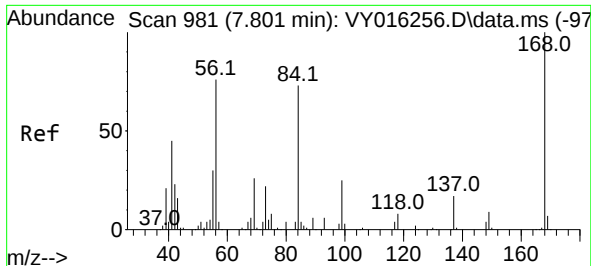
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
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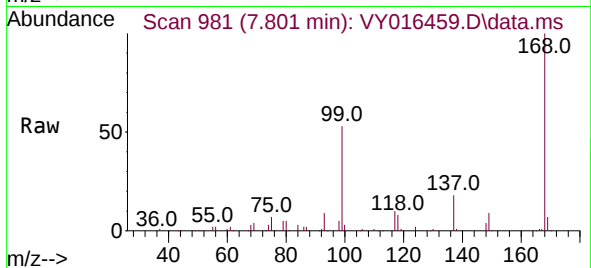
Quant Time: Nov 23 04:06:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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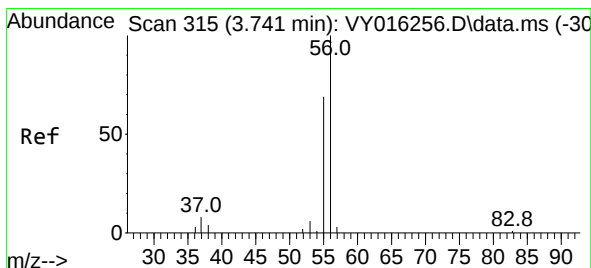
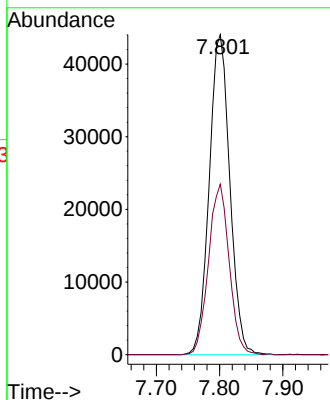
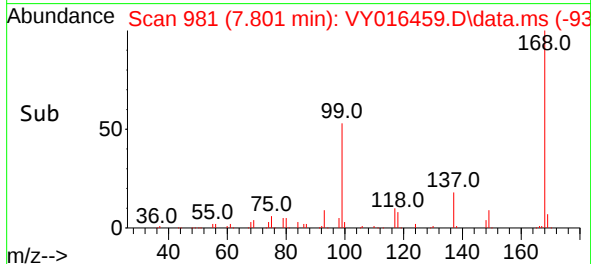


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :

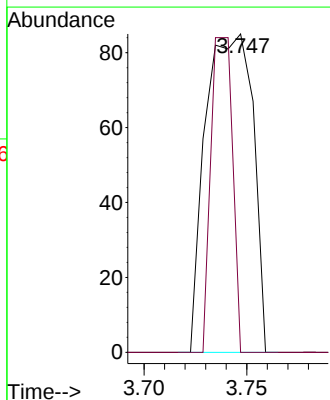
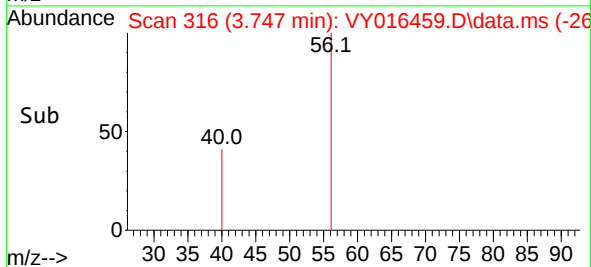
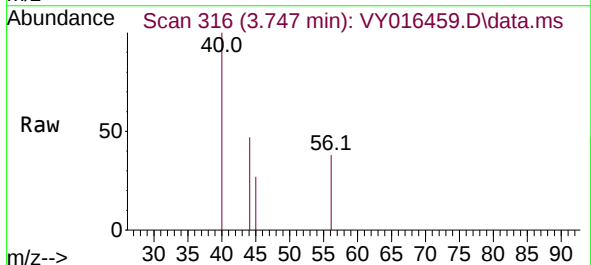


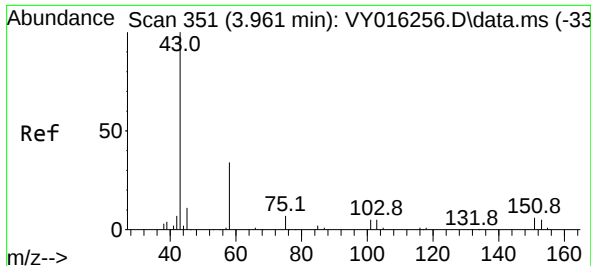
Tgt Ion:168 Resp: 99646
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#13
Acrolein
Concen: 1.581 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

Tgt Ion: 56 Resp: 136
Ion Ratio Lower Upper
56 100
55 44.9 57.0 85.4#

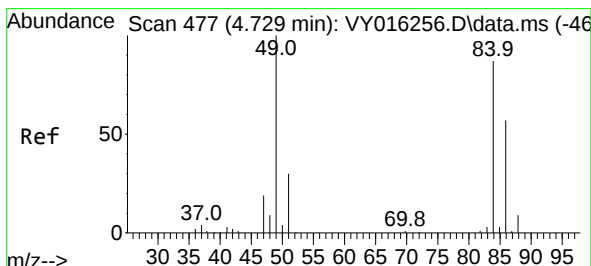
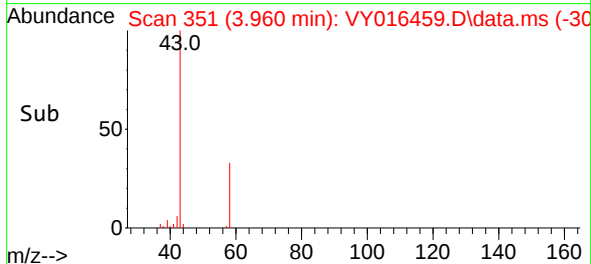
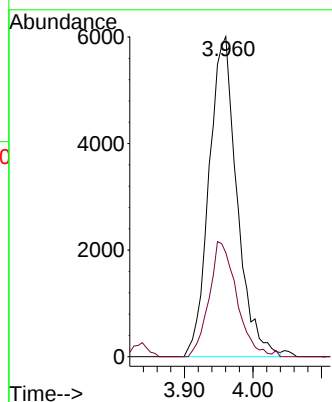
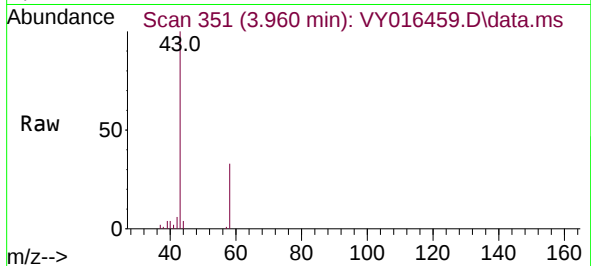




#16
Acetone
Concen: 112.981 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

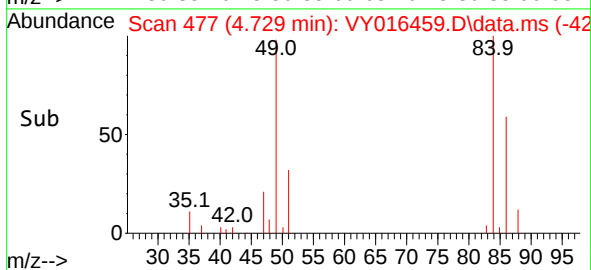
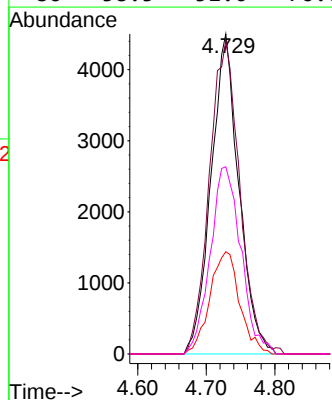
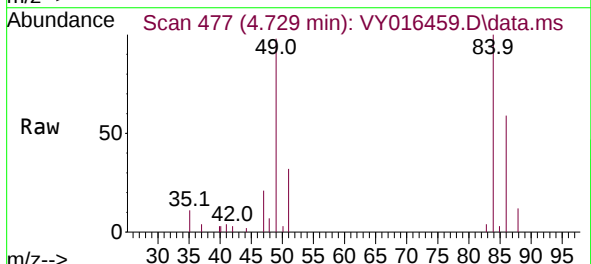
Instrument :
MSVOA_Y
ClientSampleId :

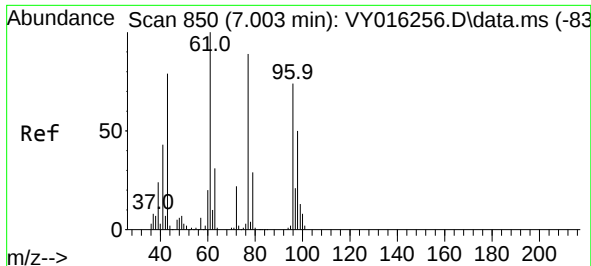
Tgt Ion: 43 Resp: 17020
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1



#20
Methylene Chloride
Concen: 9.117 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

Tgt Ion: 84 Resp: 12731
Ion Ratio Lower Upper
84 100
49 98.0 106.9 160.3#
51 32.0 33.2 49.8#
86 58.5 51.0 76.6

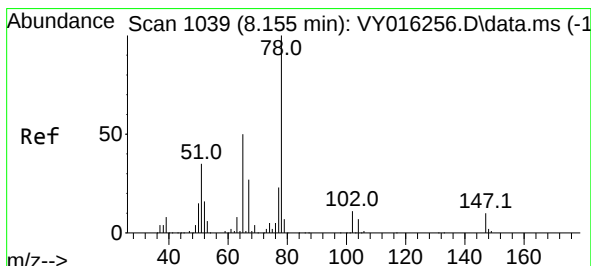
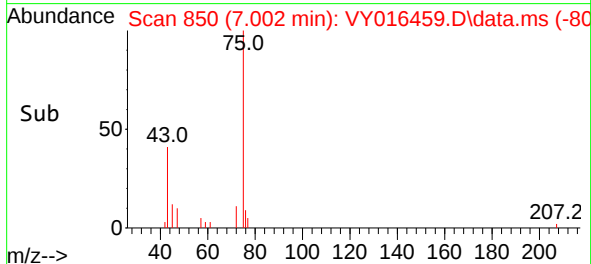
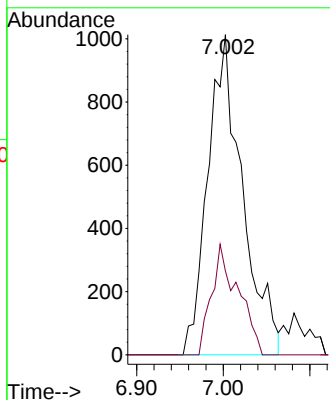
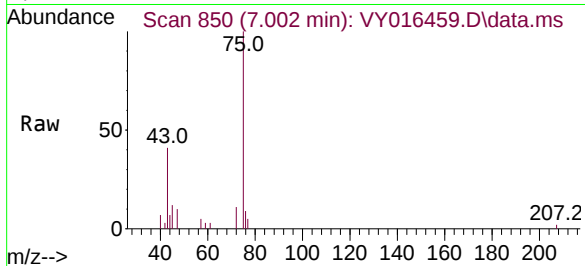




#25
2-Butanone
Concen: 10.649 ug/l
RT: 7.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

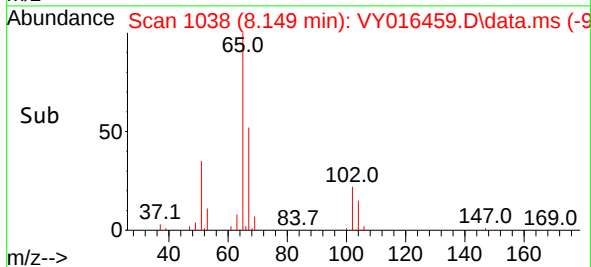
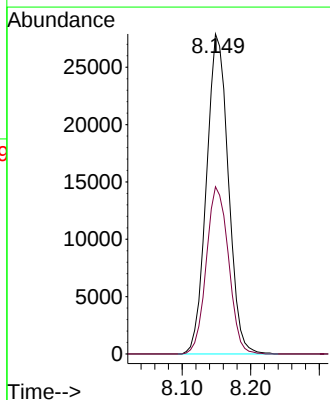
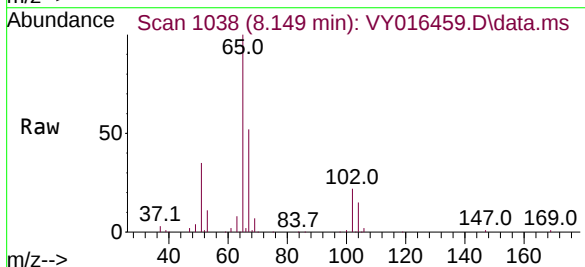
Instrument :
MSVOA_Y
ClientSampleId :

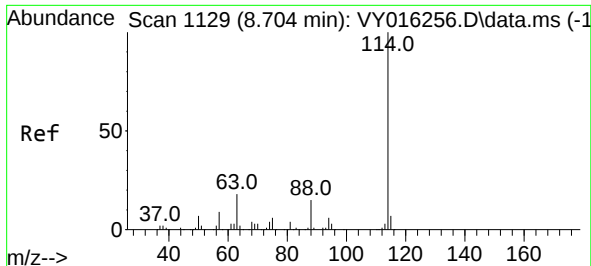
Tgt Ion: 43 Resp: 2810
Ion Ratio Lower Upper
43 100
72 26.2 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 67.848 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

Tgt Ion: 65 Resp: 61791
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016459.D

Acq: 22 Nov 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

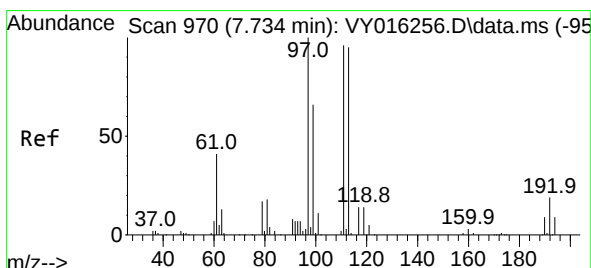
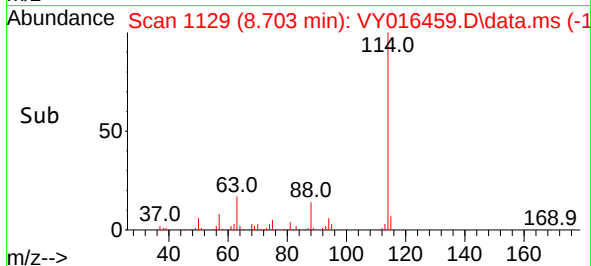
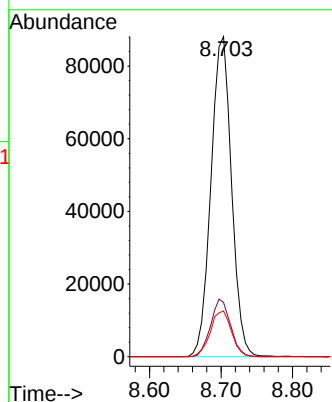
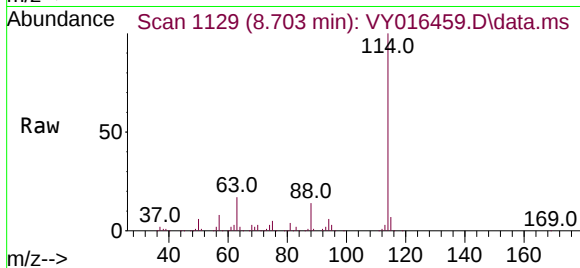
Tgt Ion:114 Resp: 175830

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.701 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016459.D

Acq: 22 Nov 2023 14:00

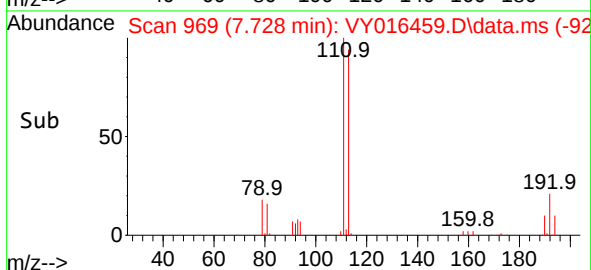
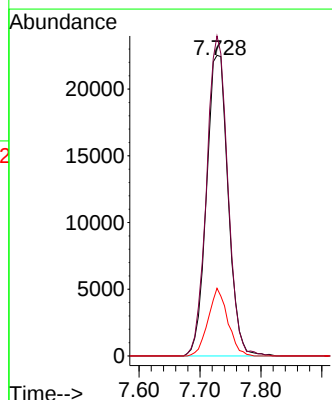
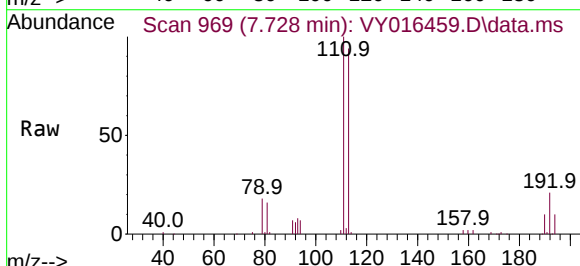
Tgt Ion:113 Resp: 55636

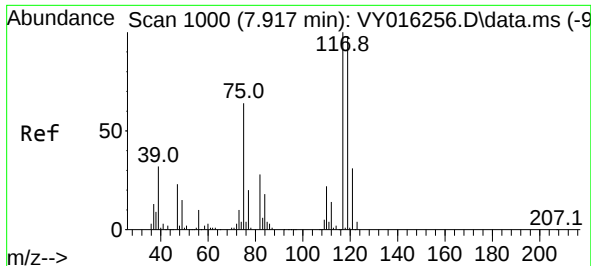
Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

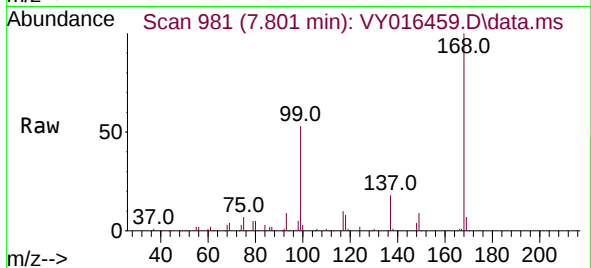
192 20.4 16.9 25.3



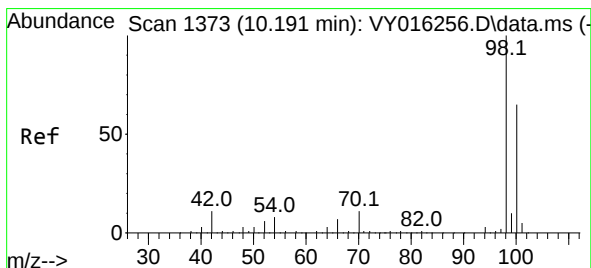
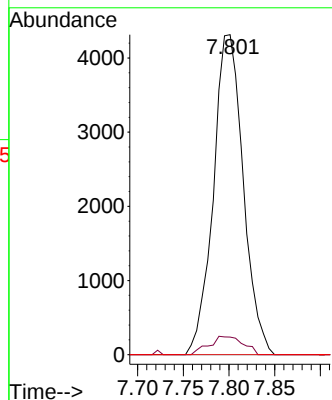
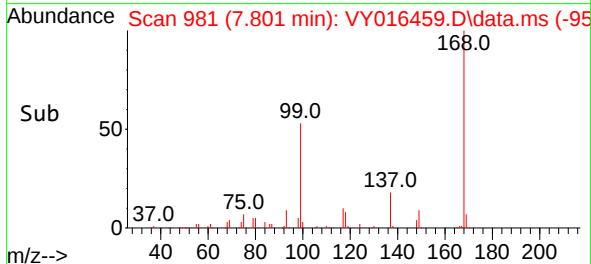


#38
Carbon Tetrachloride
Concen: 5.452 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :

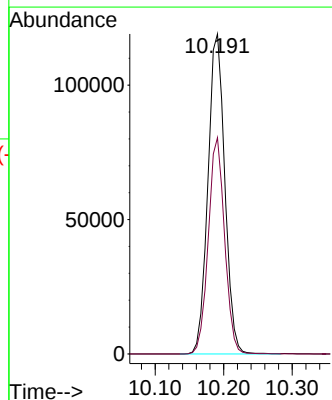
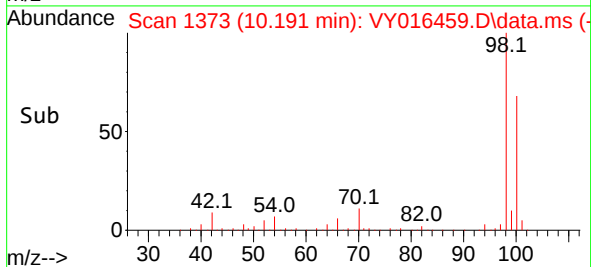
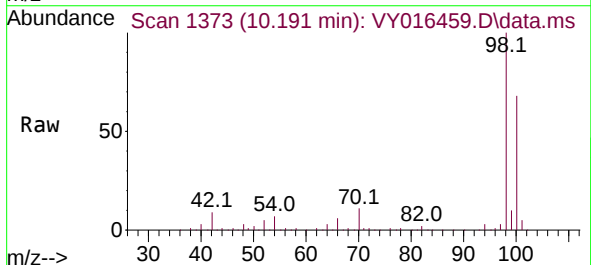


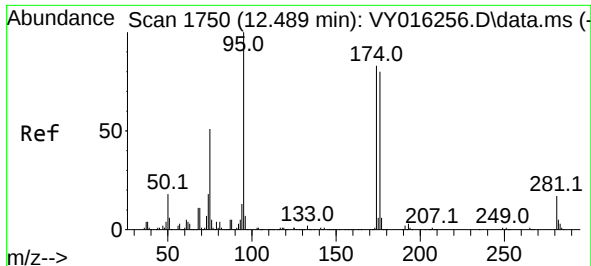
Tgt Ion:117 Resp: 9813
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.282 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

Tgt Ion: 98 Resp: 203666
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

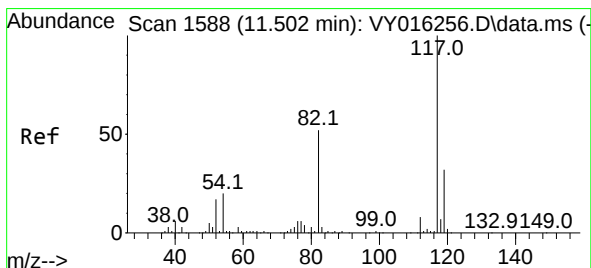
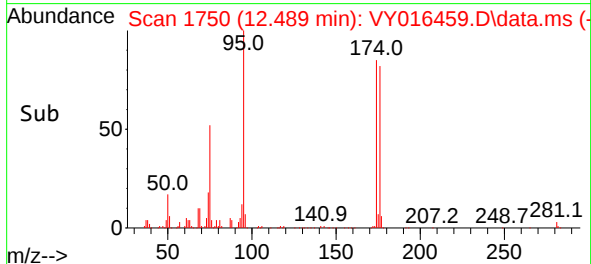
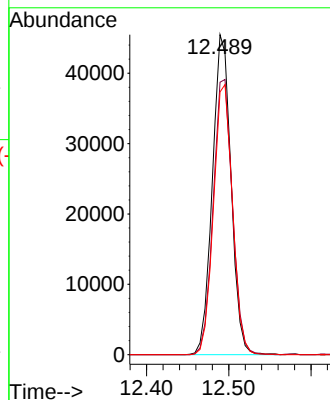
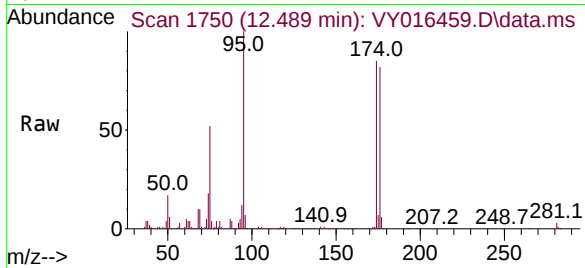




#62
4-Bromofluorobenzene
Concen: 54.420 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

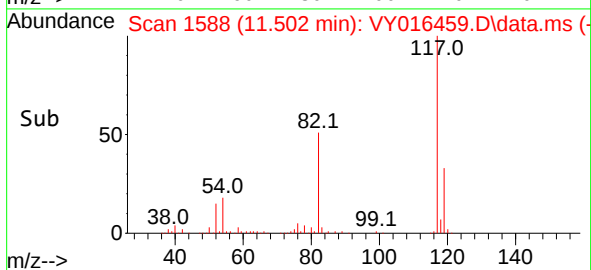
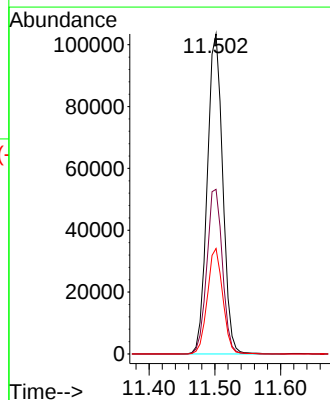
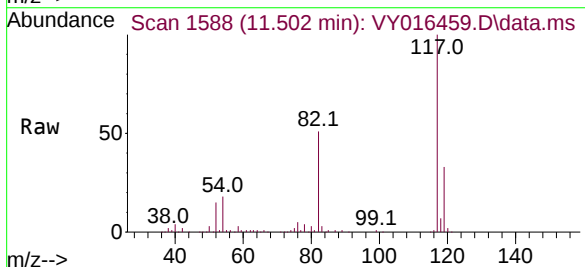
Instrument :
MSVOA_Y
ClientSampleId :

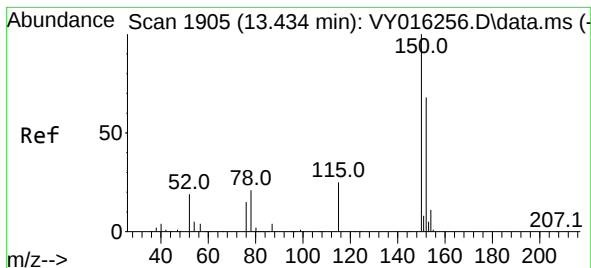
Tgt Ion: 95 Resp: 71591
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.2
176 86.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

Tgt Ion: 117 Resp: 169128
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.0
119 33.0 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: VY016459.D

Acq: 22 Nov 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

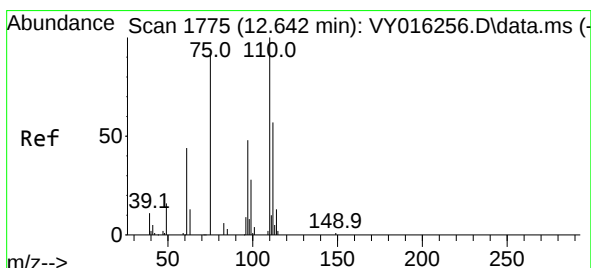
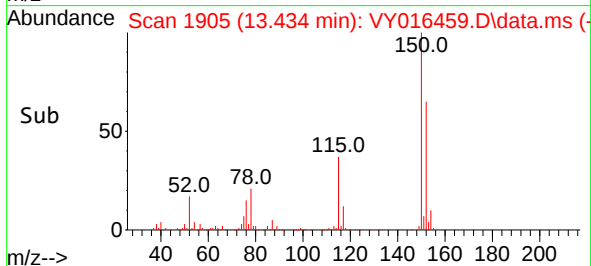
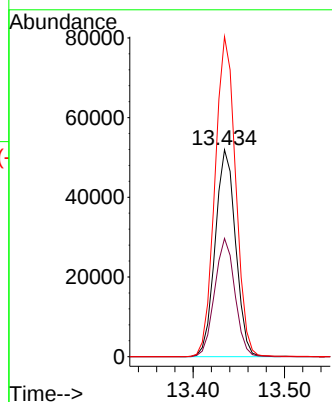
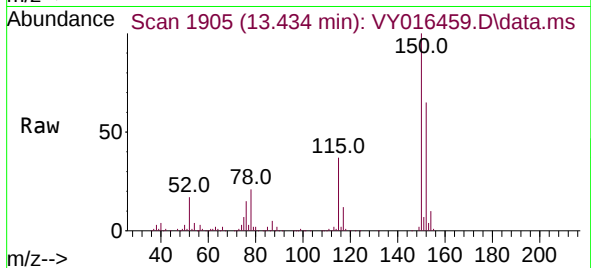
Tgt Ion:152 Resp: 80769

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 156.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 46.664 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016459.D

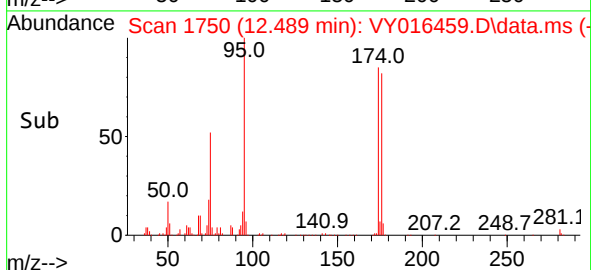
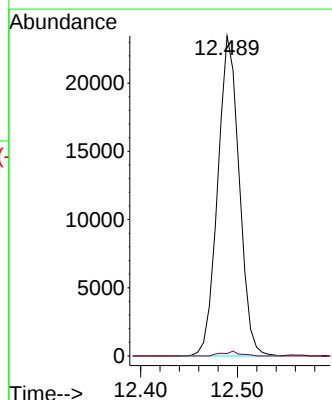
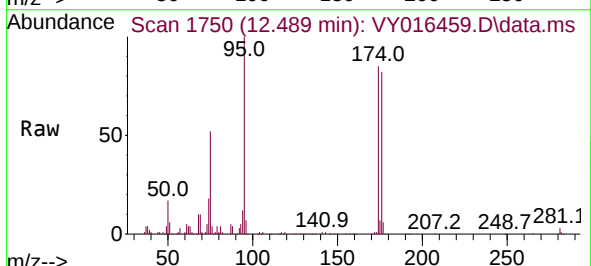
Acq: 22 Nov 2023 14:00

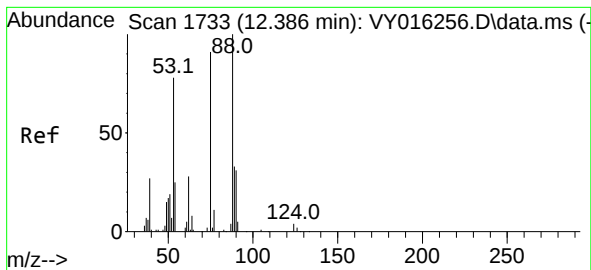
Tgt Ion: 75 Resp: 36156

Ion Ratio Lower Upper

75 100

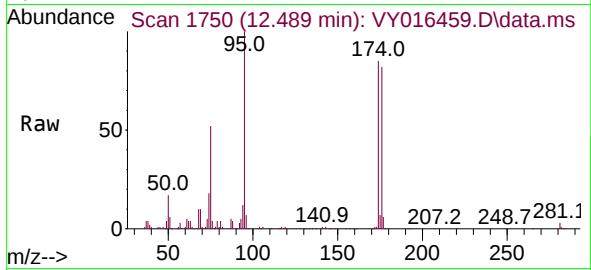
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.289 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY016459.D
Acq: 22 Nov 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 36156
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

