

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016450.D
 Acq On : 22 Nov 2023 09:37
 Operator : SY/MD
 Sample : VY1122SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:02:17 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)

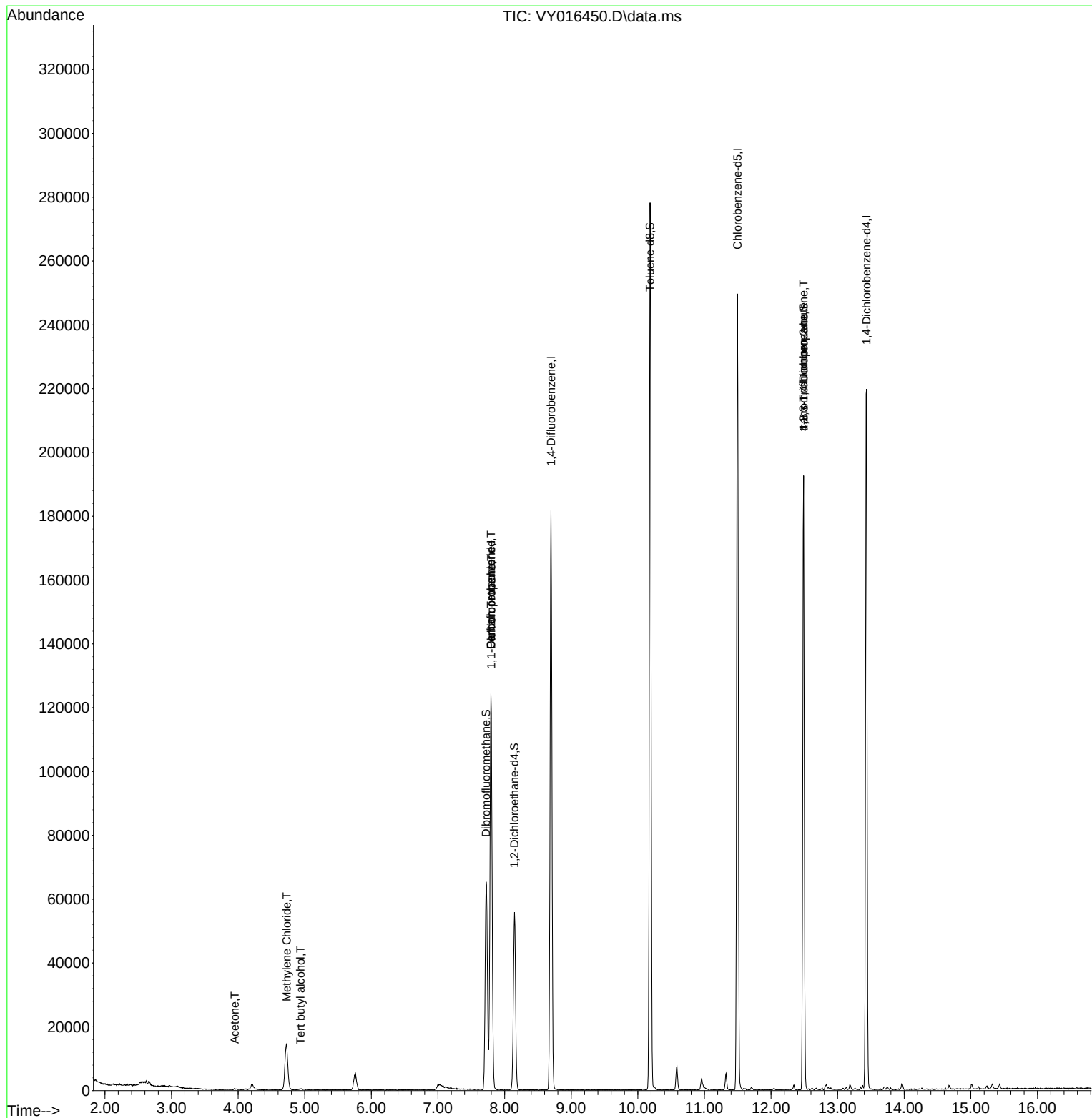
Internal Standards						
1) Pentafluorobenzene	7.795	168	100067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	162560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	147235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	62081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44560	48.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.440%
35) Dibromofluoromethane	7.722	113	47866	51.834	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.660%
50) Toluene-d8	10.185	98	190821	50.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.489	95	58153	47.814	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.620%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	345	4.817	ug/l #	89
16) Acetone	3.948	43	516	3.411	ug/l #	41
20) Methylene Chloride	4.729	84	12032	8.360	ug/l #	76
36) 1,1-Dichloropropene	7.801	75	7162	4.467	ug/l #	51
38) Carbon Tetrachloride	7.795	117	9747	5.857	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	28919	48.560	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	28919	105.403	ug/l #	10

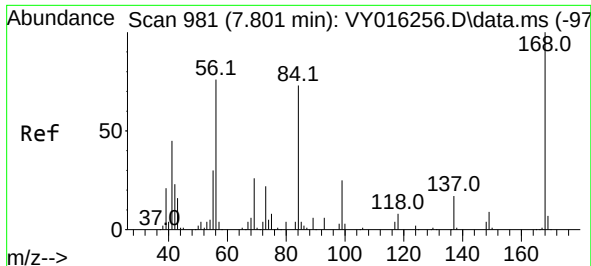
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

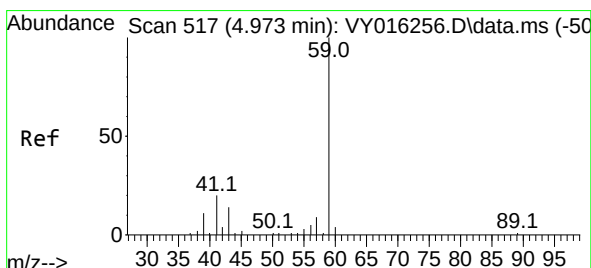
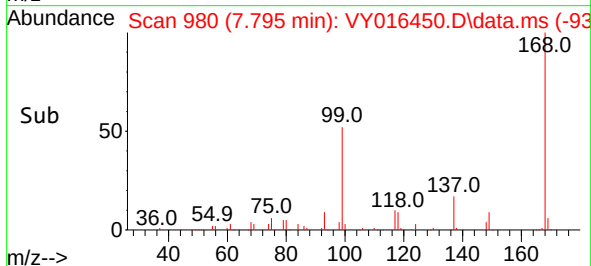
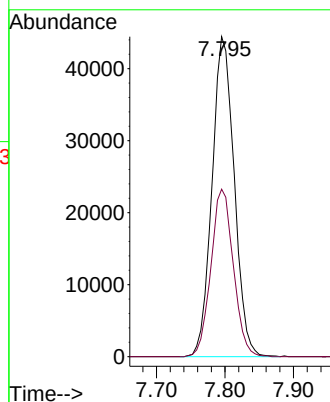
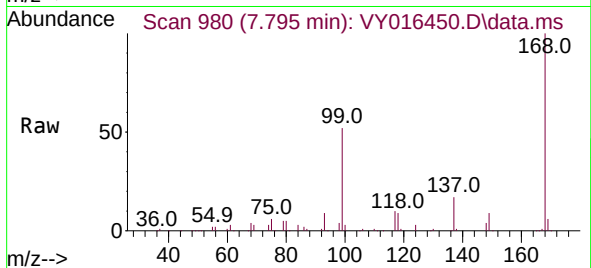




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

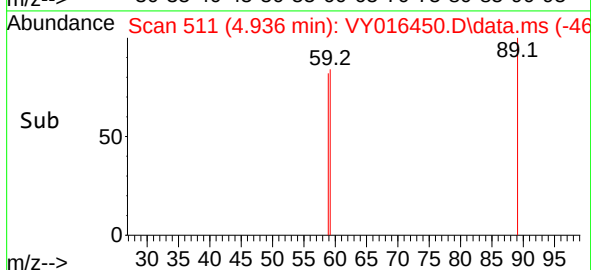
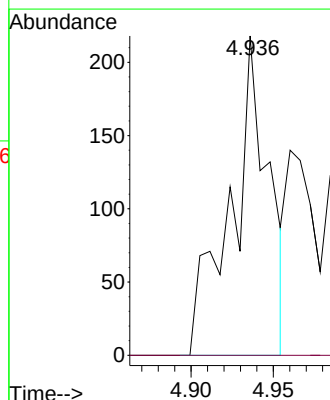
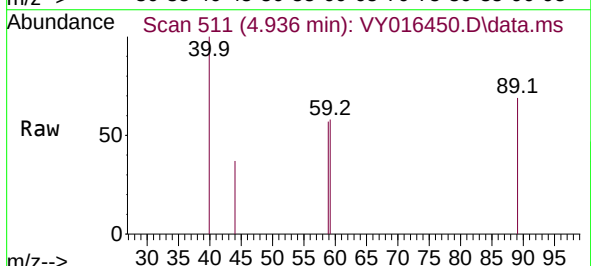
Instrument :
MSVOA_Y
ClientSampleId :

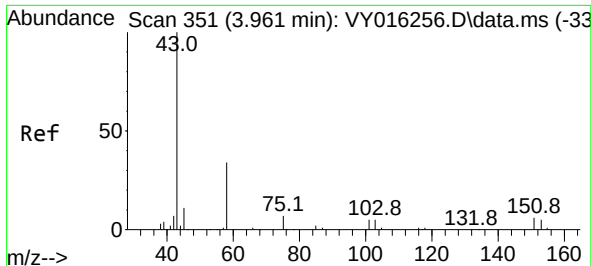
Tgt Ion:168 Resp: 100067
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.817 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.037 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

Tgt Ion: 59 Resp: 345
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 3.411 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.012 min

Lab File: VY016450.D

Acq: 22 Nov 2023 09:37

Instrument :

MSVOA_Y

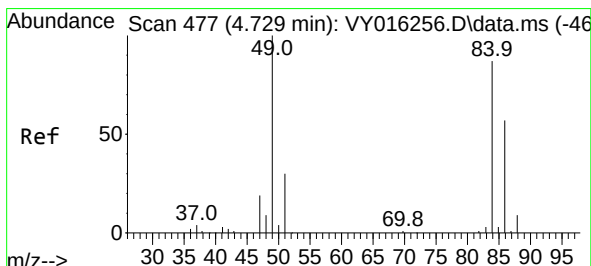
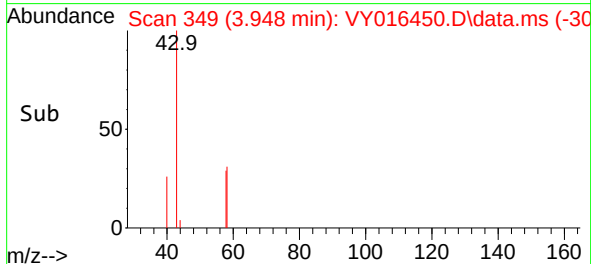
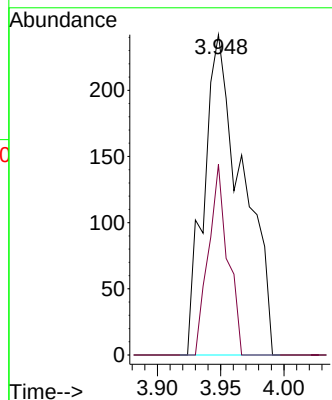
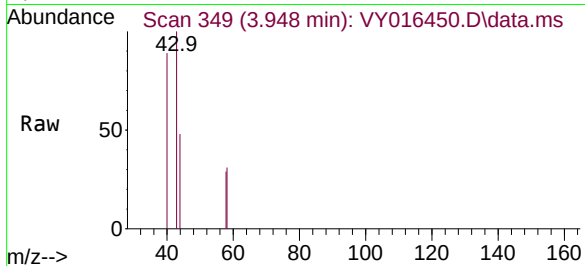
ClientSampleId :

Tgt Ion: 43 Resp: 516

Ion Ratio Lower Upper

43 100

58 59.5 22.7 34.1#



#20

Methylene Chloride

Concen: 8.360 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY016450.D

Acq: 22 Nov 2023 09:37

Tgt Ion: 84 Resp: 12032

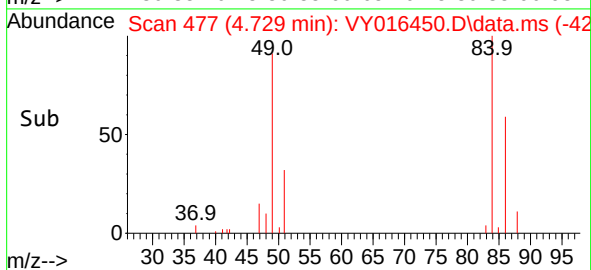
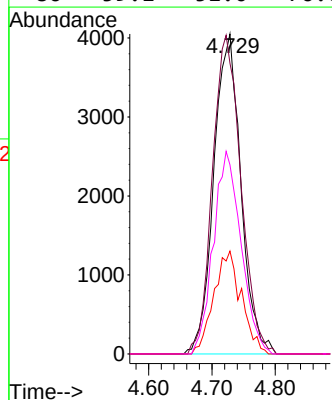
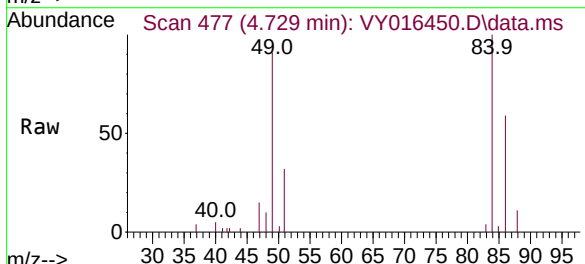
Ion Ratio Lower Upper

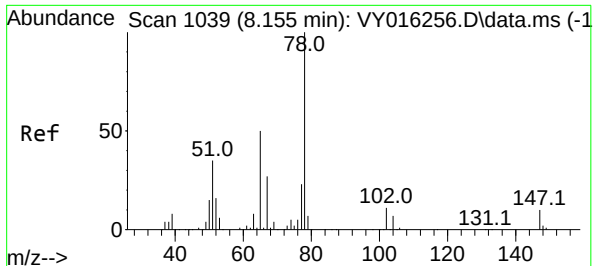
84 100

49 90.9 106.9 160.3#

51 32.1 33.2 49.8#

86 59.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 48.722 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY016450.D

Acq: 22 Nov 2023 09:37

Instrument :

MSVOA_Y

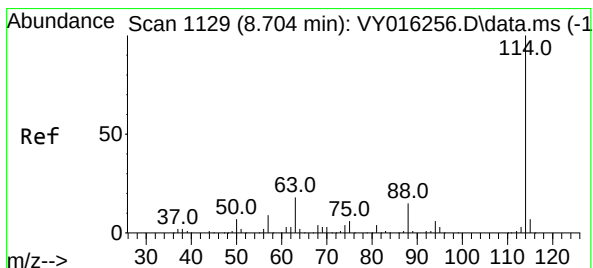
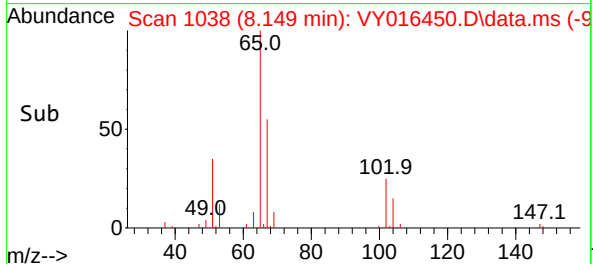
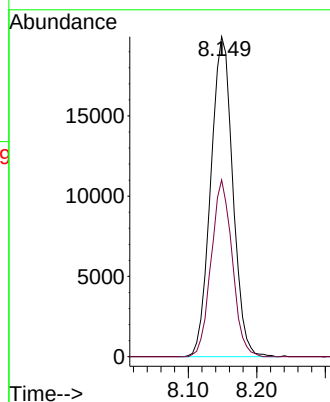
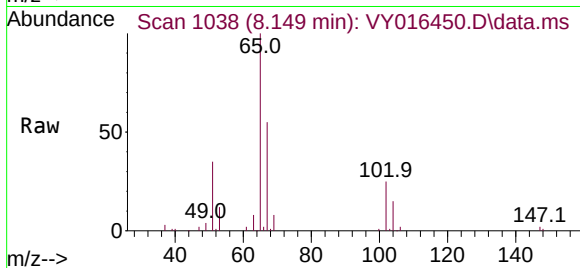
ClientSampleId :

Tgt Ion: 65 Resp: 44560

Ion Ratio Lower Upper

65 100

67 52.7 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: VY016450.D

Acq: 22 Nov 2023 09:37

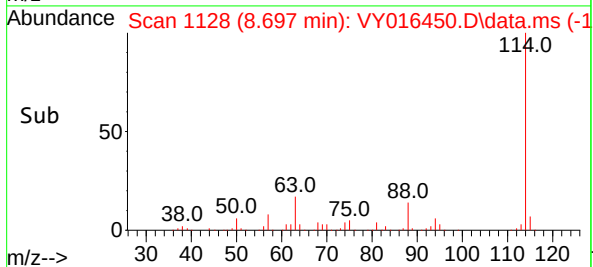
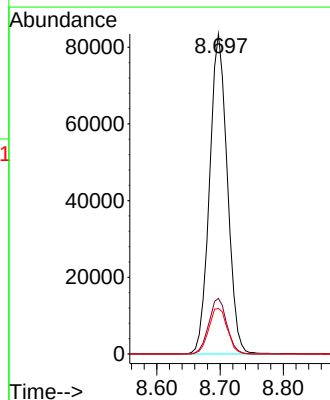
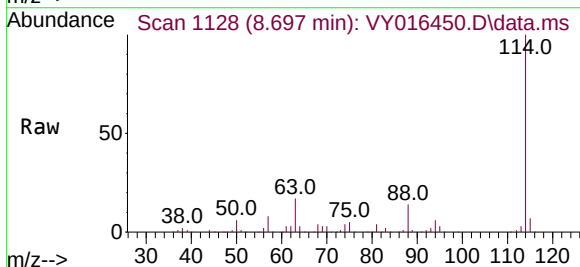
Tgt Ion: 114 Resp: 162560

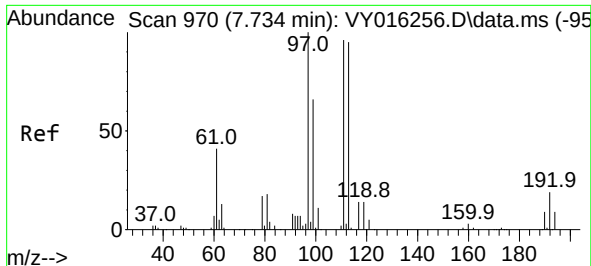
Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

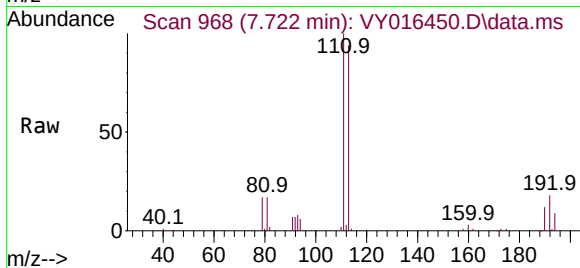
88 14.2 0.0 30.6



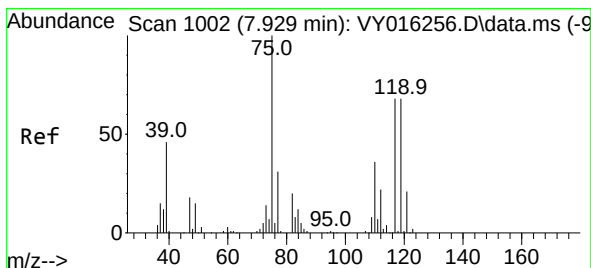
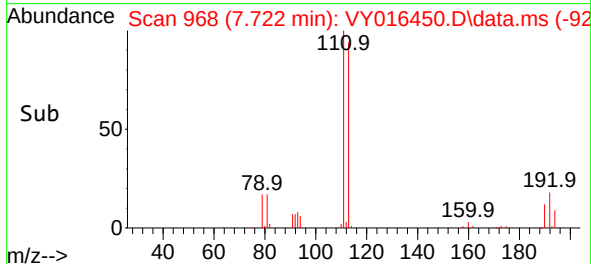
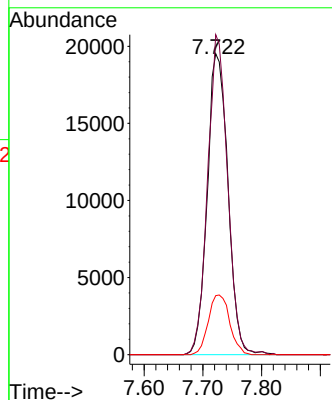


#35
Dibromofluoromethane
Concen: 51.834 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

Instrument :
MSVOA_Y
ClientSampleId :

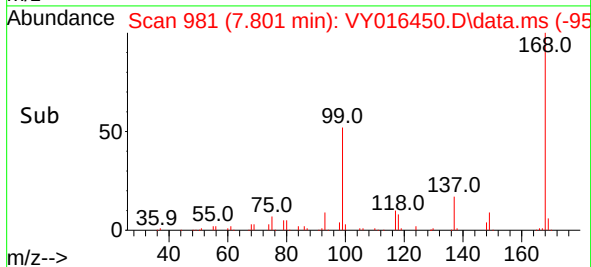
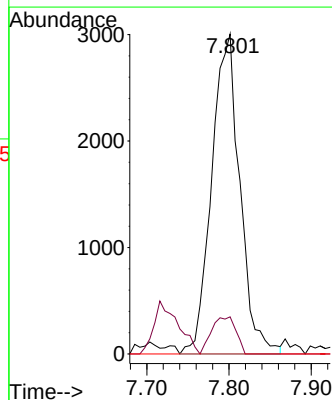
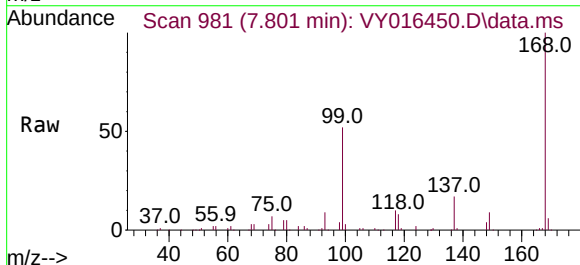


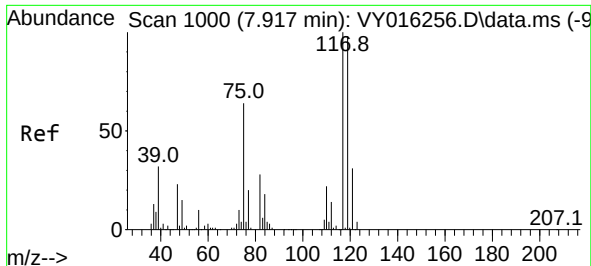
Tgt Ion:113 Resp: 47866
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.467 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

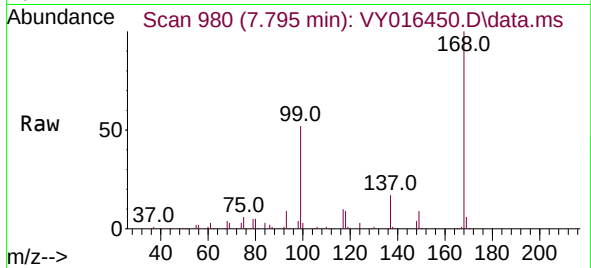
Tgt Ion: 75 Resp: 7162
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#



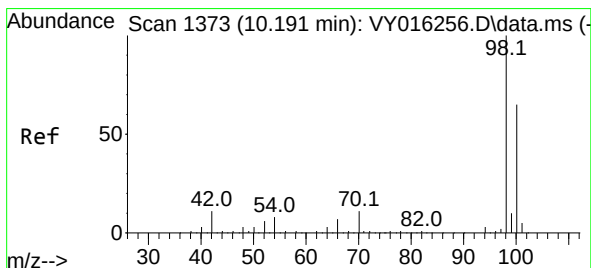
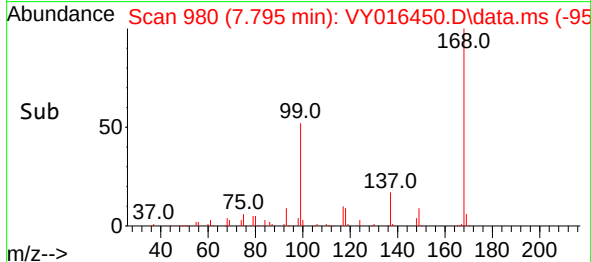
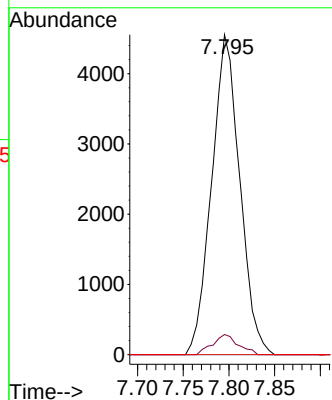


#38
Carbon Tetrachloride
Concen: 5.857 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

Instrument :
MSVOA_Y
ClientSampleId :

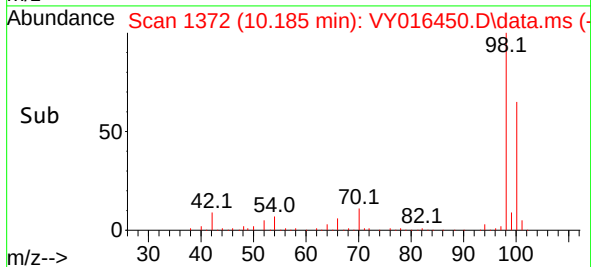
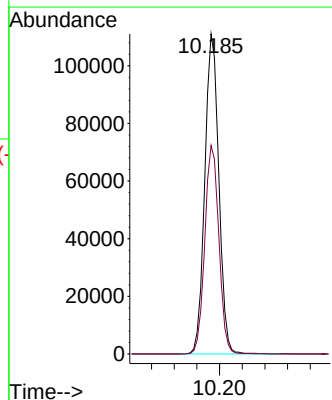
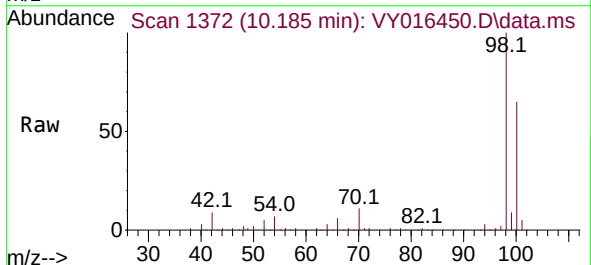


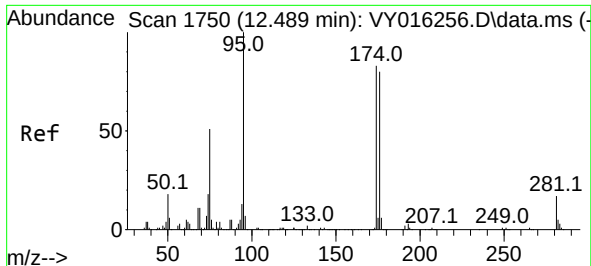
Tgt Ion:117 Resp: 9747
Ion Ratio Lower Upper
117 100
119 6.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.957 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

Tgt Ion: 98 Resp: 190821
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

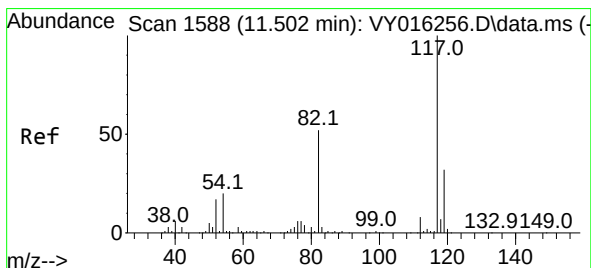
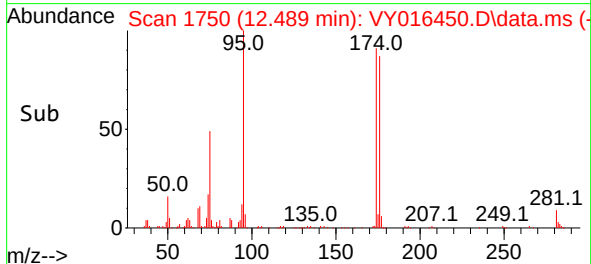
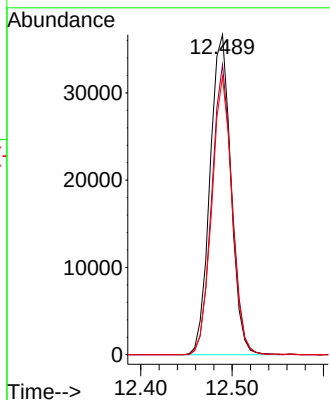
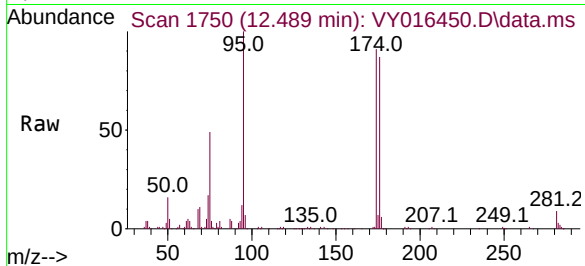




#62
4-Bromofluorobenzene
Concen: 47.814 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

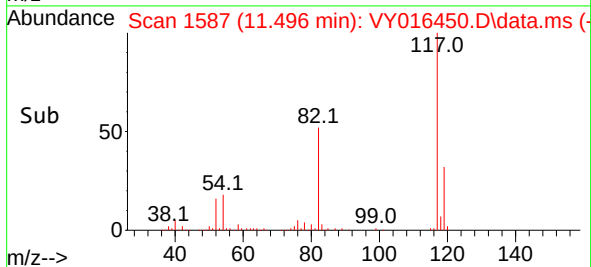
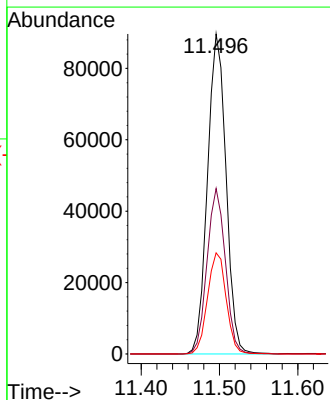
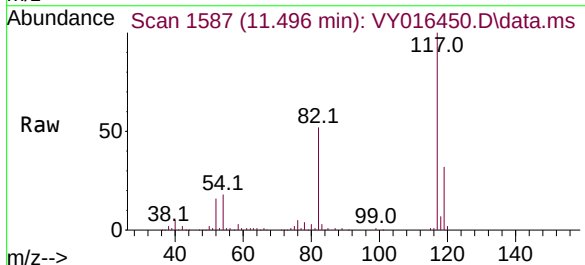
Instrument :
MSVOA_Y
ClientSampleId :

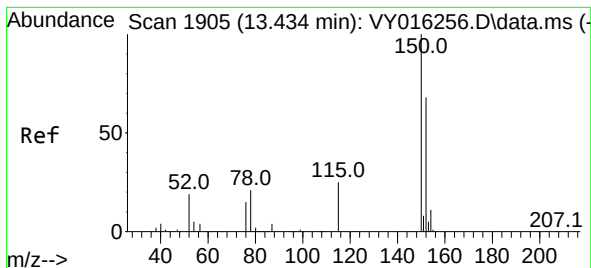
Tgt Ion: 95 Resp: 58153
Ion Ratio Lower Upper
95 100
174 88.1 0.0 178.2
176 84.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

Tgt Ion: 117 Resp: 147235
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 31.6 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: VY016450.D

Acq: 22 Nov 2023 09:37

Instrument :

MSVOA_Y

ClientSampleId :

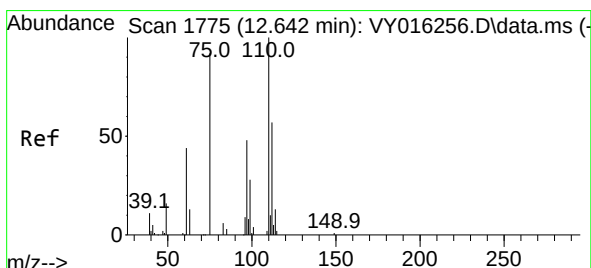
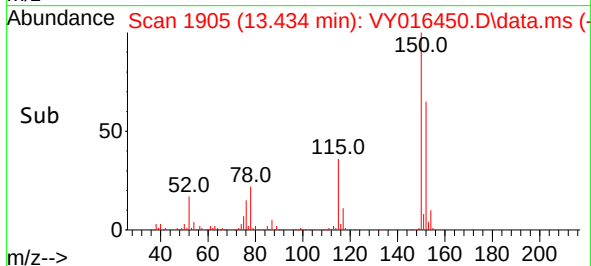
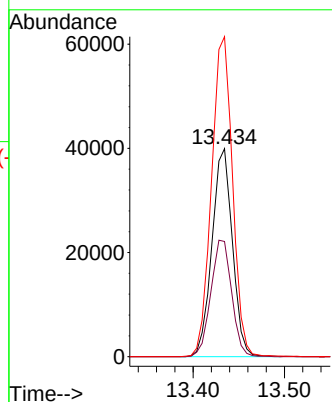
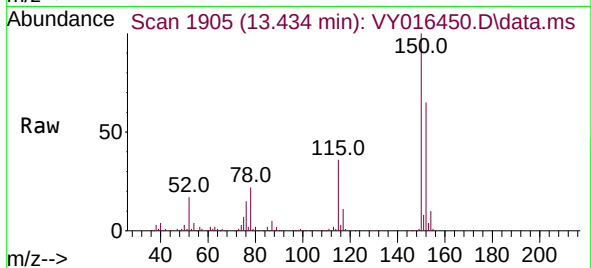
Tgt Ion:152 Resp: 62081

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 157.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 48.560 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016450.D

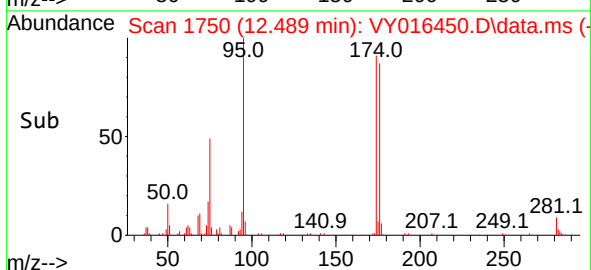
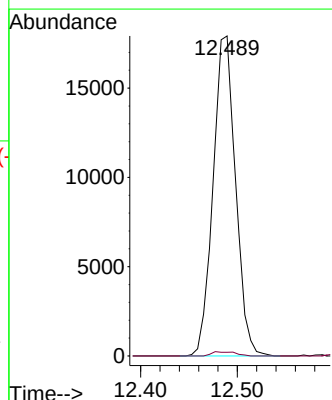
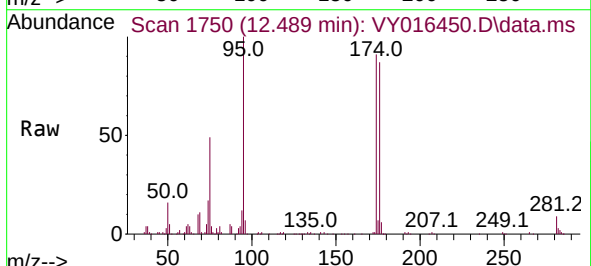
Acq: 22 Nov 2023 09:37

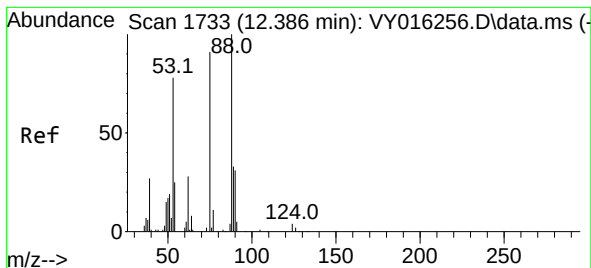
Tgt Ion: 75 Resp: 28919

Ion Ratio Lower Upper

75 100

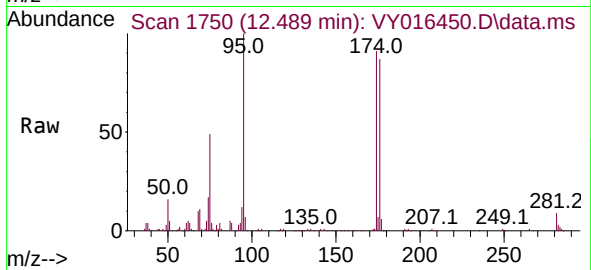
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.403 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016450.D
 Acq: 22 Nov 2023 09:37

Instrument :
 MSVOA_Y
 ClientSampleId :



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

