

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015958.D
 Acq On : 13 Oct 2023 15:31
 Operator : SY/MD
 Sample : 04844-09
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 13 16:08:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

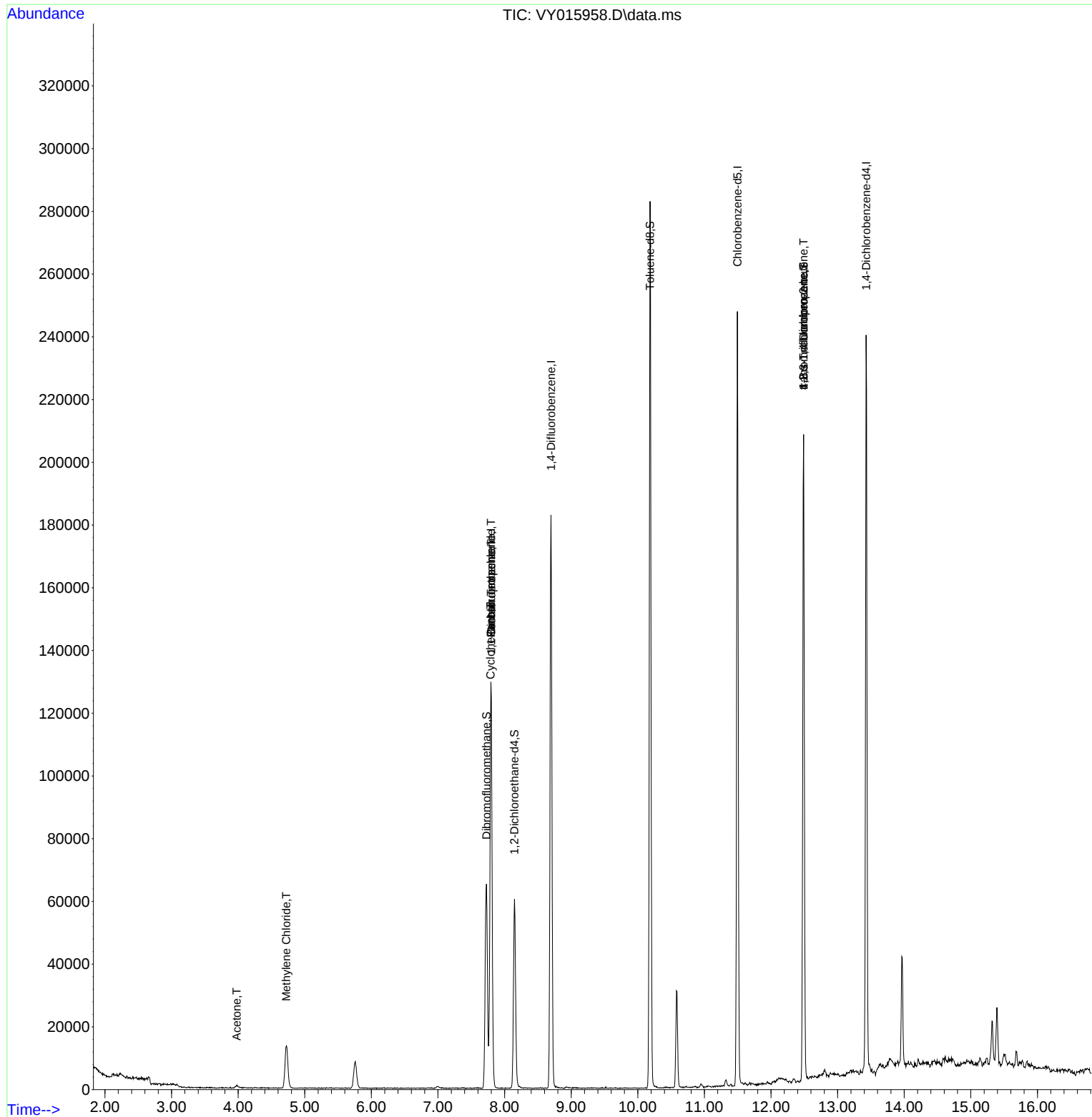
Internal Standards						
1) Pentafluorobenzene	7.795	168	101400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	158044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	133476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	47564	41.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.200%
35) Dibromofluoromethane	7.728	113	48378	48.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.185	98	184370	49.481	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.489	95	56238	42.386	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	619	Below Cal	#	83
16) Acetone	3.979	43	1921	2.858	ug/l	91
20) Methylene Chloride	4.722	84	10747	4.602	ug/l #	78
31) Cyclohexane	7.789	56	2115	1.148	ug/l #	23
36) 1,1-Dichloropropene	7.801	75	7553	5.031	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10243	6.479	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	29283	25.473	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	29283	60.007	ug/l #	11

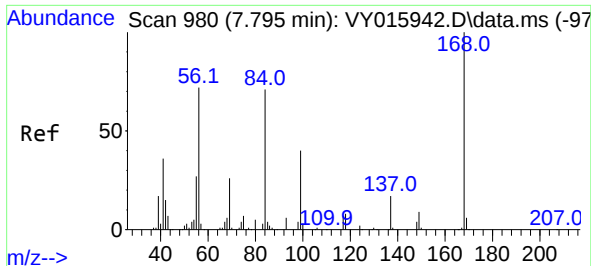
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
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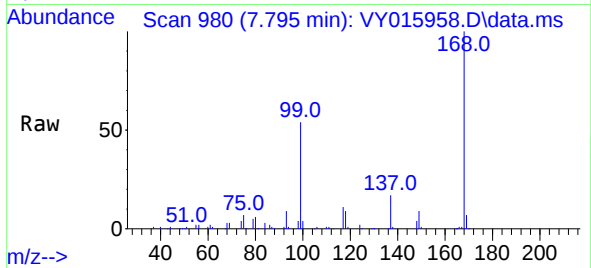
Quant Time: Oct 13 16:08:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration



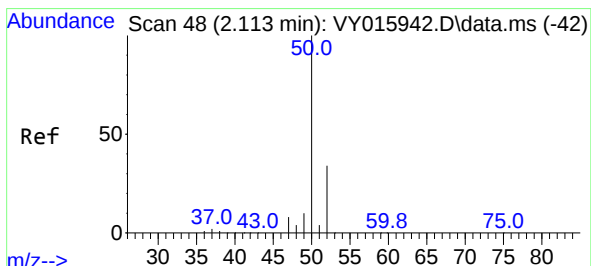
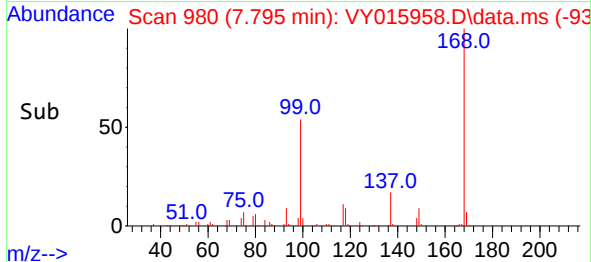
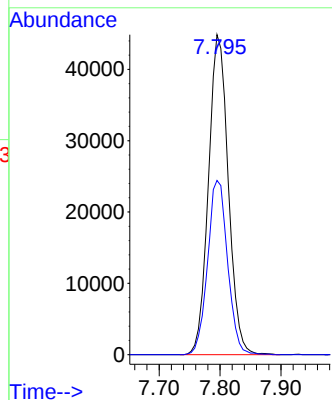


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :

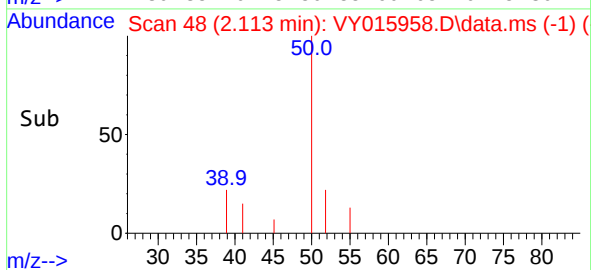
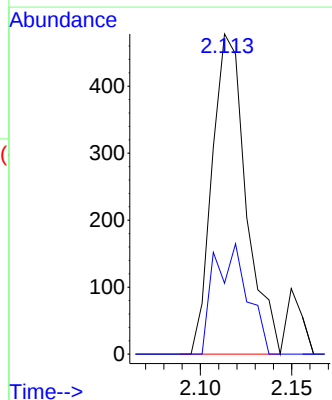
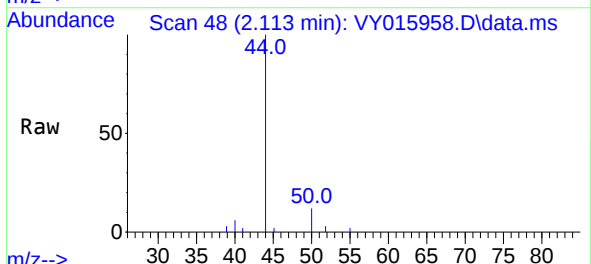


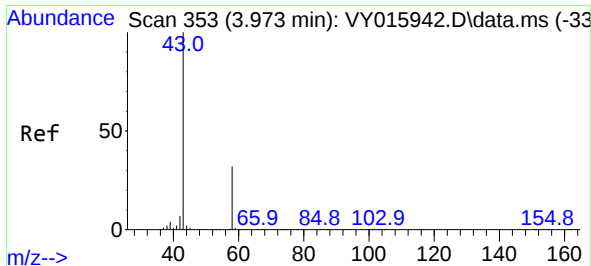
Tgt Ion:168 Resp: 101400
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

Tgt Ion: 50 Resp: 619
Ion Ratio Lower Upper
50 100
52 22.2 25.4 38.2#

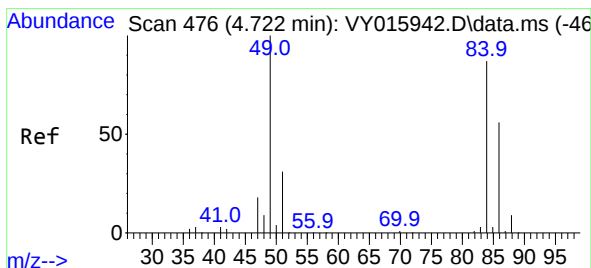
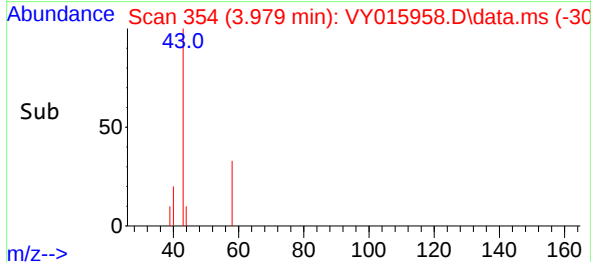
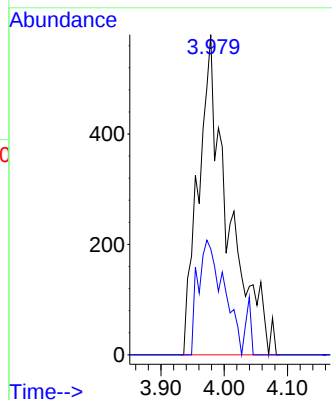
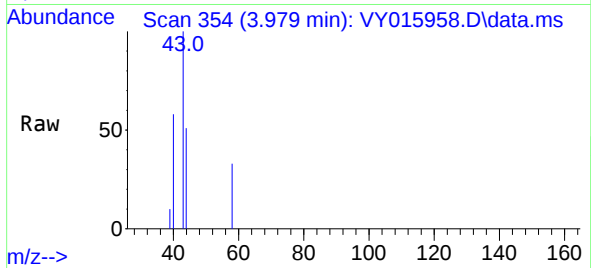




#16
Acetone
Concen: 2.858 ug/l
RT: 3.979 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

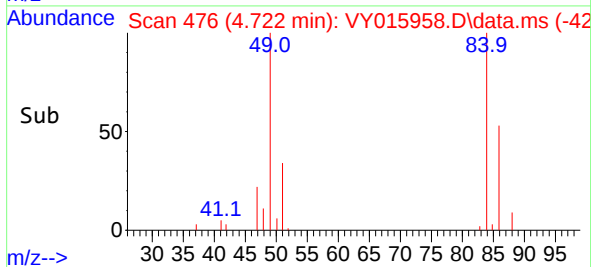
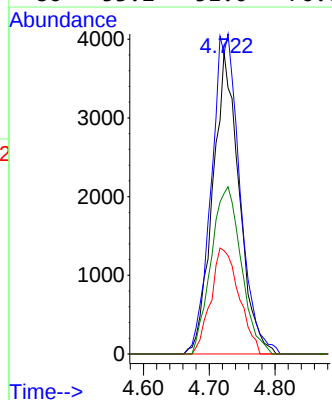
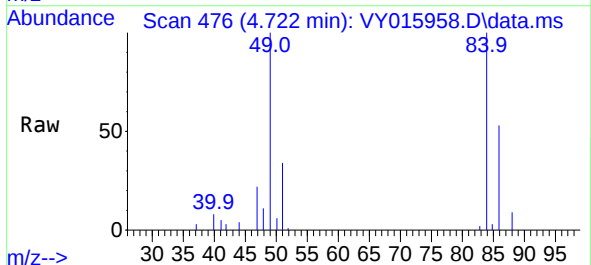
Instrument :
MSVOA_Y
ClientSampleId :

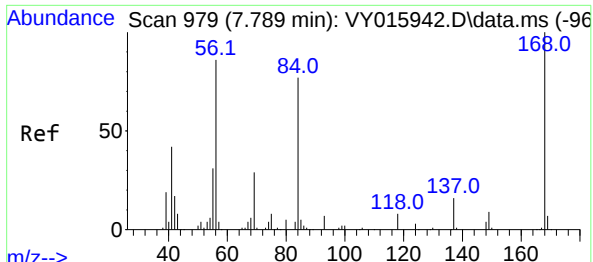
Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
58 33.1 22.7 34.1



#20
Methylene Chloride
Concen: 4.602 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

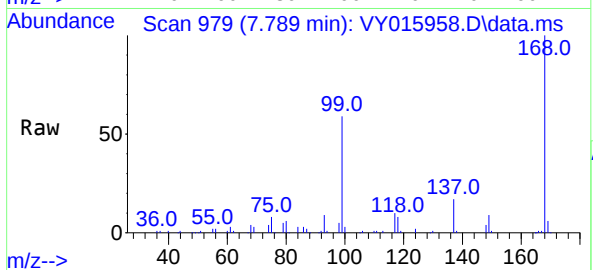
Tgt Ion: 84 Resp: 10747
Ion Ratio Lower Upper
84 100
49 99.7 106.9 160.3#
51 34.2 33.2 49.8
86 53.2 51.0 76.6



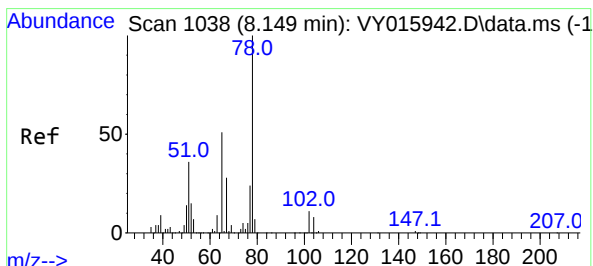
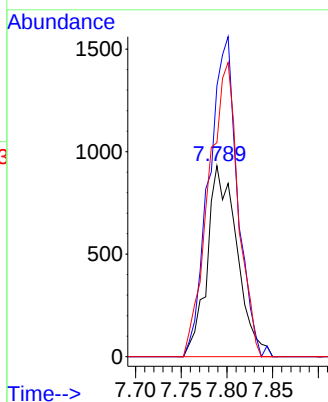
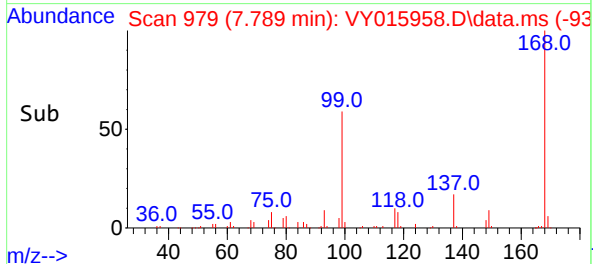


#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :

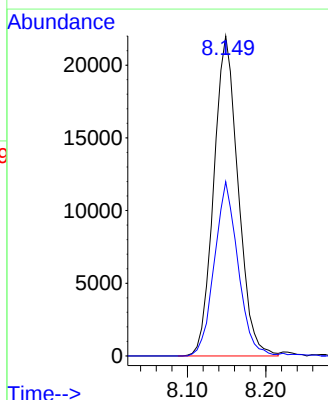
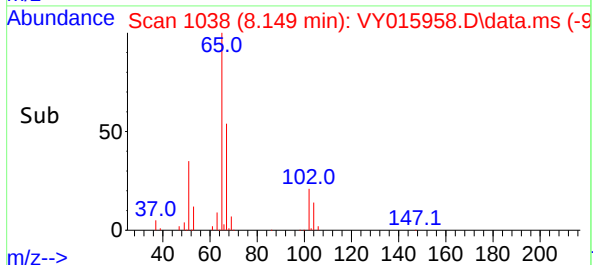
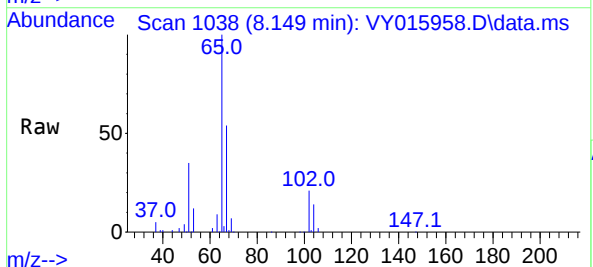


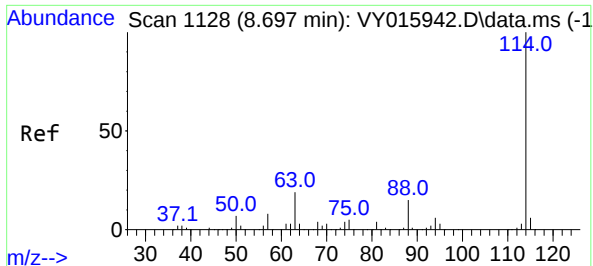
Tgt Ion: 56 Resp: 2115
Ion Ratio Lower Upper
56 100
69 141.9 27.8 41.6#
84 112.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 41.101 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

Tgt Ion: 65 Resp: 47564
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015958.D

Acq: 13 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

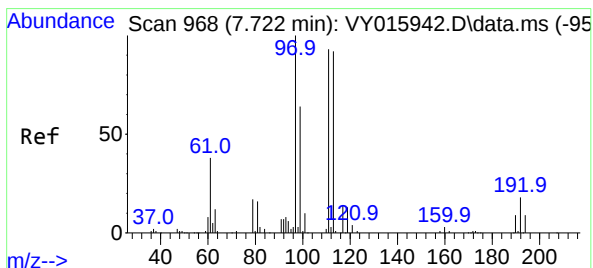
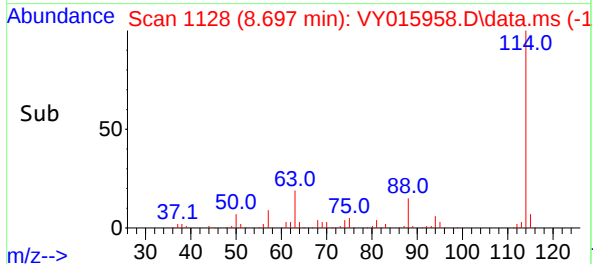
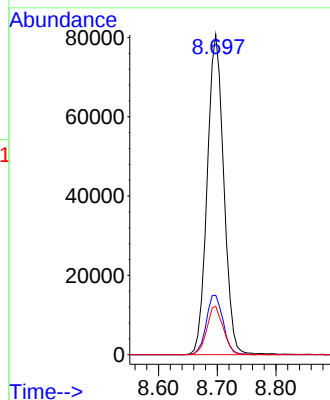
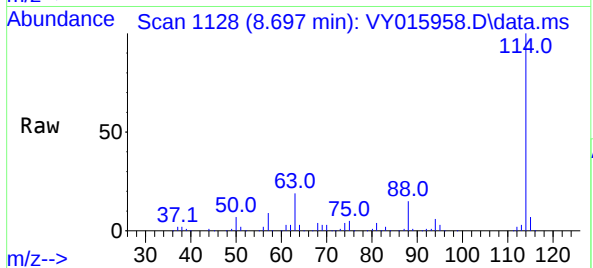
Tgt Ion:114 Resp: 158044

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.622 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY015958.D

Acq: 13 Oct 2023 15:31

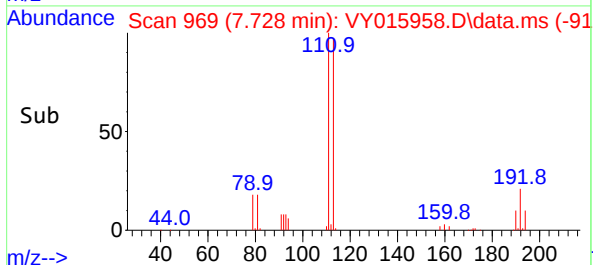
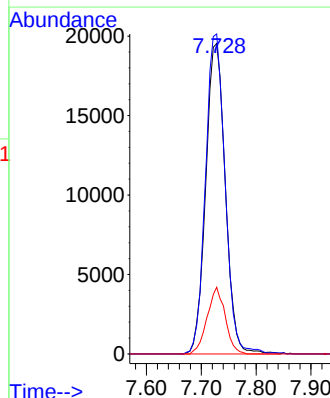
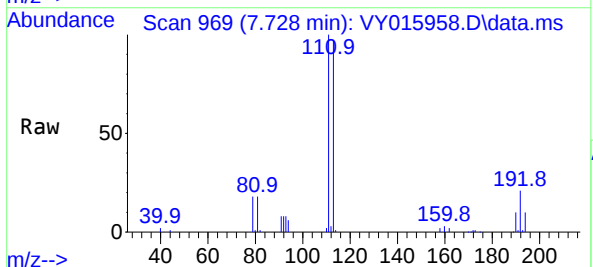
Tgt Ion:113 Resp: 48378

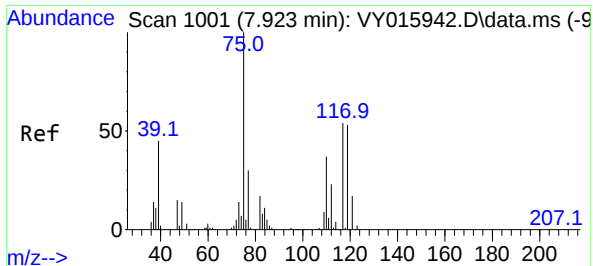
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 19.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.031 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.122 min

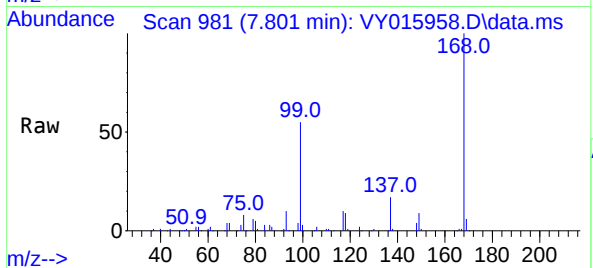
Lab File: VY015958.D

Acq: 13 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :



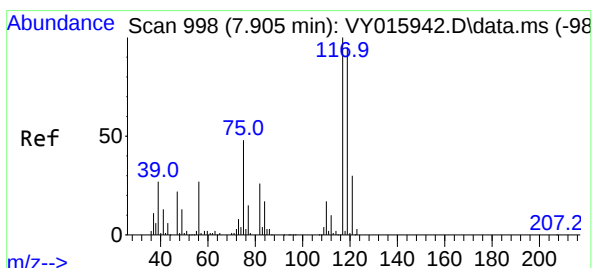
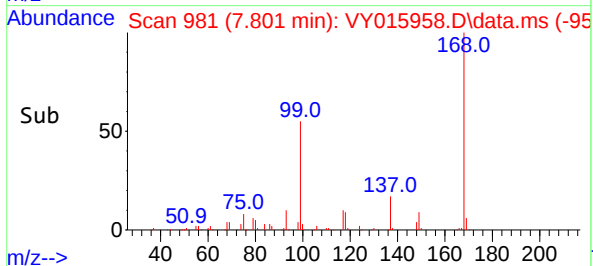
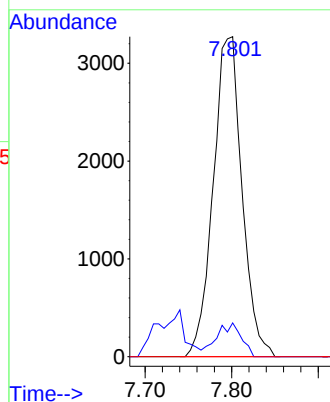
Tgt Ion: 75 Resp: 7553

Ion Ratio Lower Upper

75 100

110 9.1 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.479 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY015958.D

Acq: 13 Oct 2023 15:31

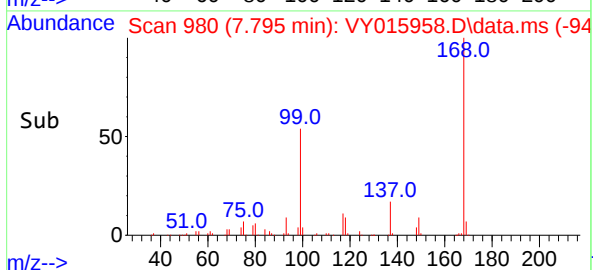
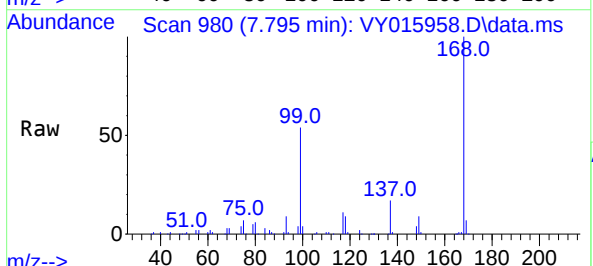
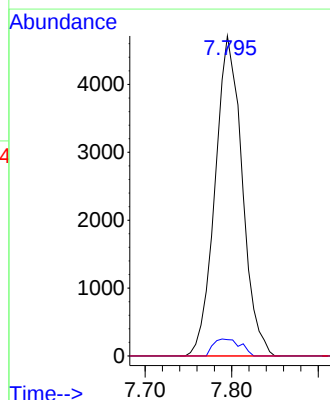
Tgt Ion: 117 Resp: 10243

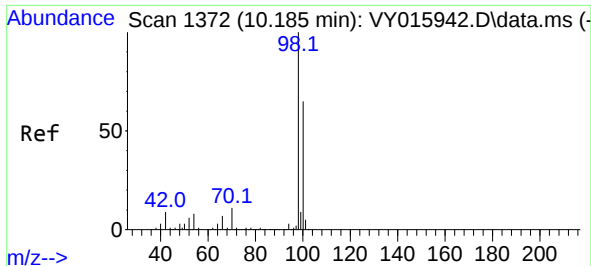
Ion Ratio Lower Upper

117 100

119 5.1 76.4 114.6#

121 0.0 25.8 38.6#

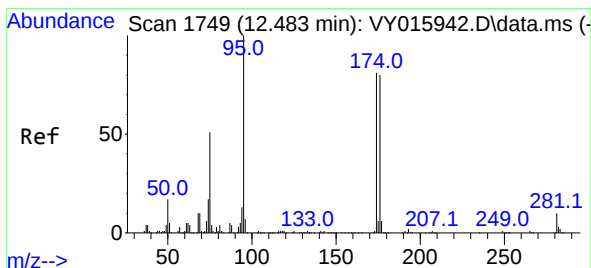
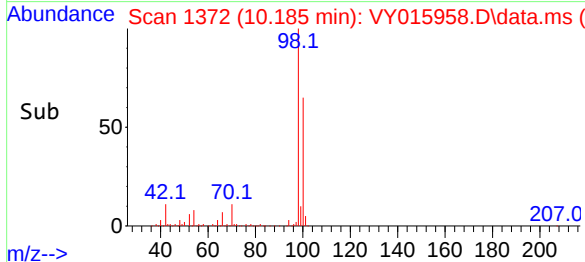
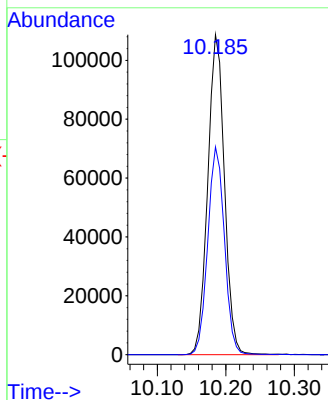
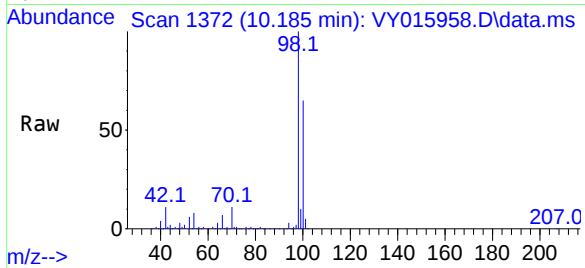




#50
Toluene-d8
Concen: 49.481 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

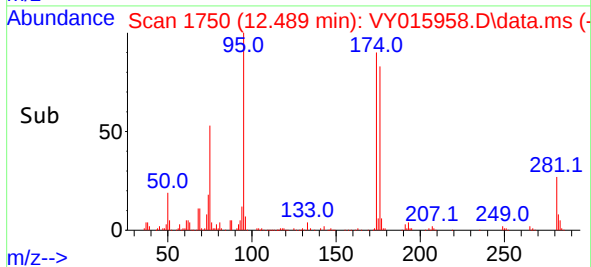
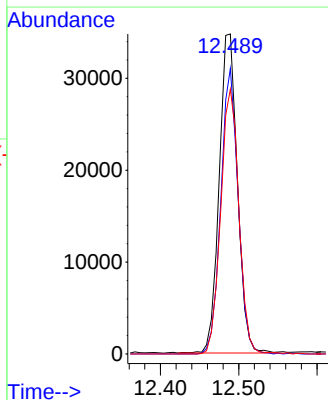
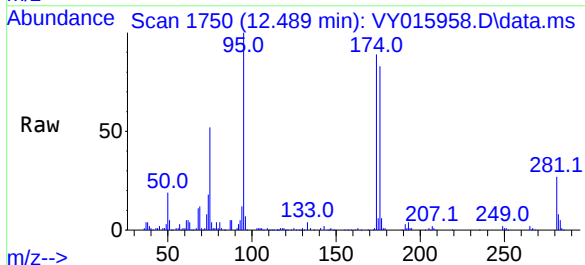
Instrument :
MSVOA_Y
ClientSampleId :

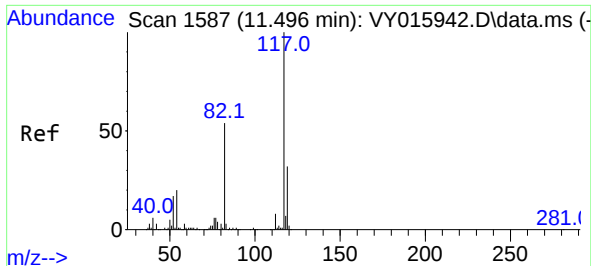
Tgt Ion: 98 Resp: 184370
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.386 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

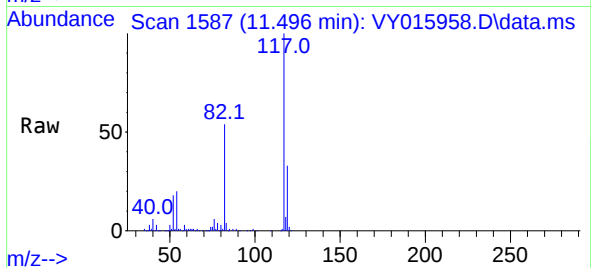
Tgt Ion: 95 Resp: 56238
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.9 0.0 173.8



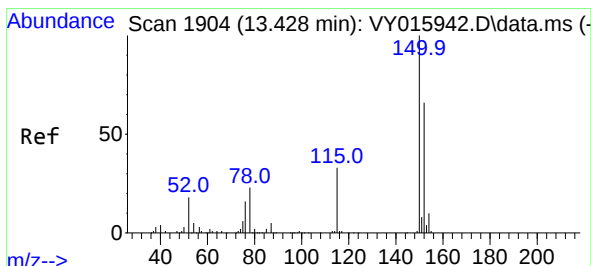
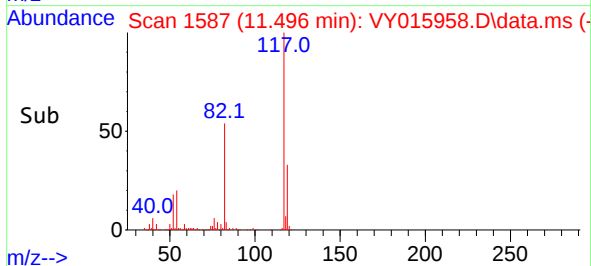
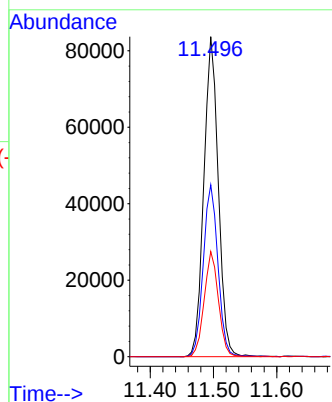


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :

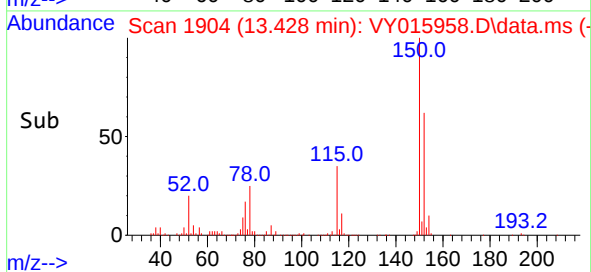
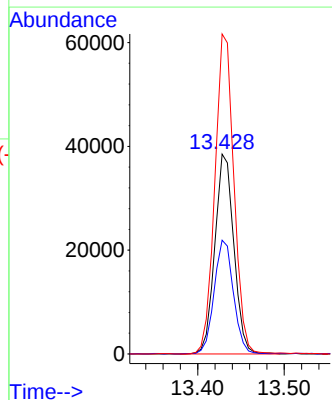
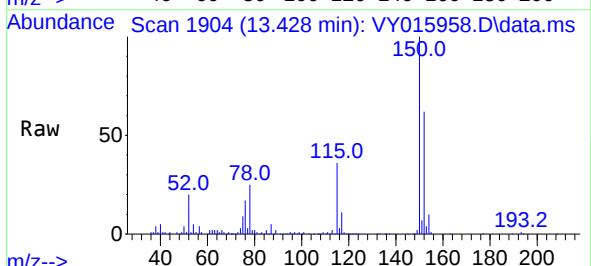


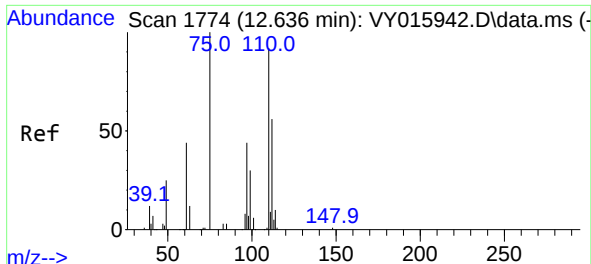
Tgt Ion:117 Resp: 133476
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

Tgt Ion:152 Resp: 58740
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 161.0 0.0 348.8

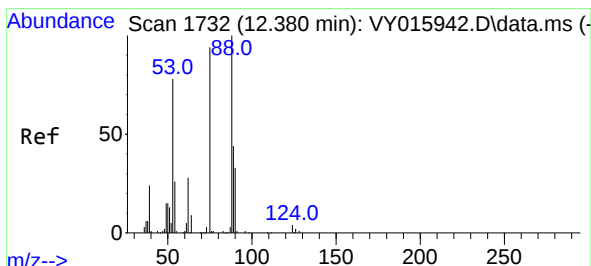
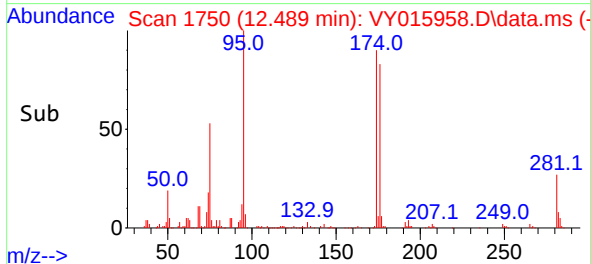
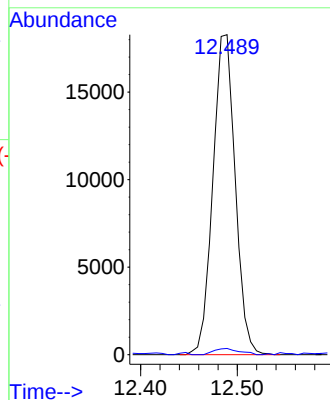
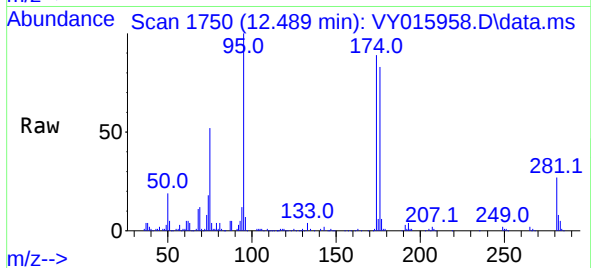




#76
1,2,3-Trichloropropane
Concen: 25.473 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 29283
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.007 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

Tgt Ion: 75 Resp: 29283
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.2 37.4 56.0#

