

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015986.D
 Acq On : 16 Oct 2023 15:53
 Operator : SY/MD
 Sample : 04895-03
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 05:44:16 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)

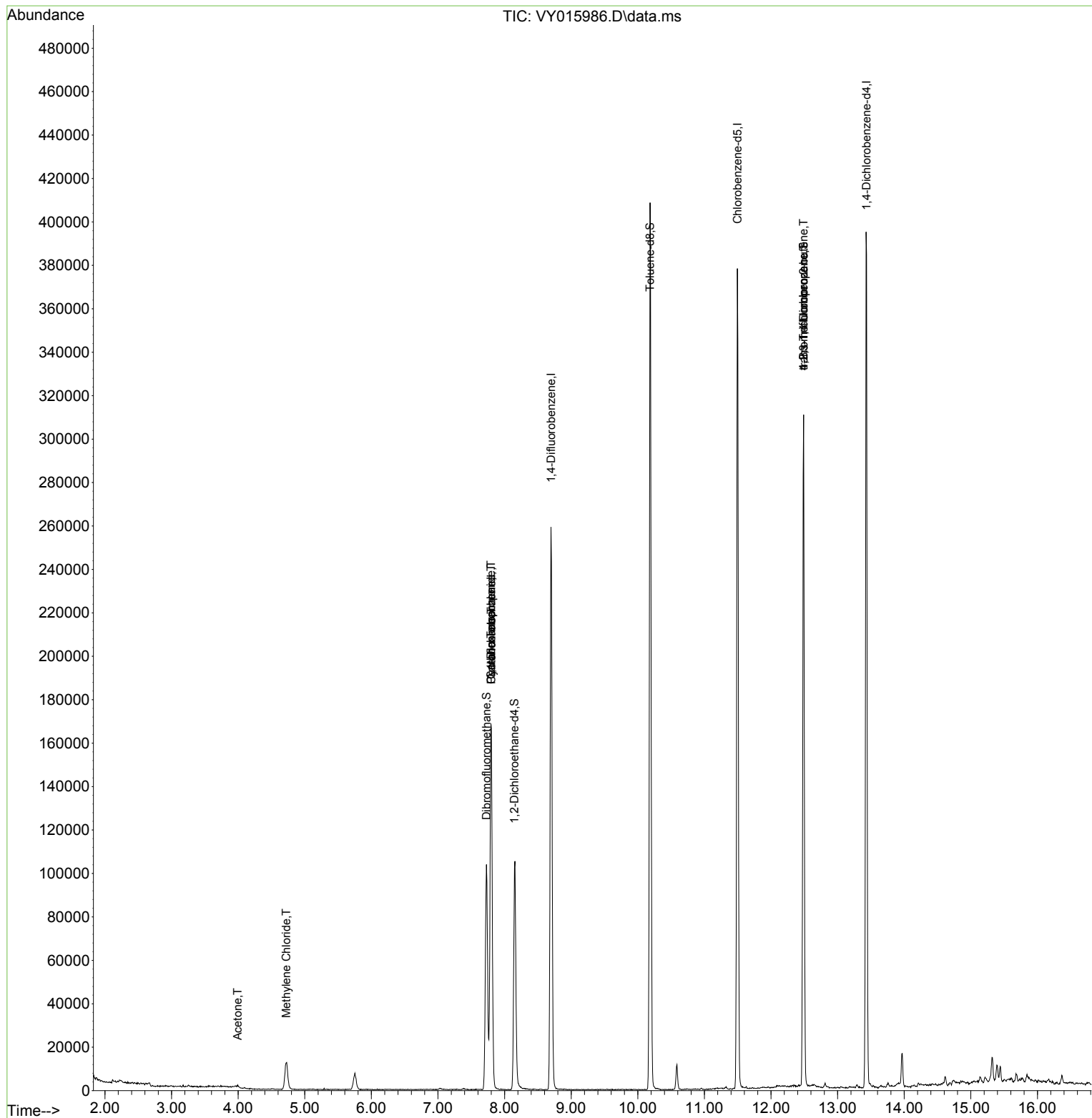
Internal Standards						
1) Pentafluorobenzene	7.801	168	136304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	104391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86120	55.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.720%
35) Dibromofluoromethane	7.728	113	74760	52.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.020%
50) Toluene-d8	10.185	98	267343	49.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.489	95	91732	47.858	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	879	Below Cal		89
16) Acetone	3.991	43	935	1.035	ug/l #	45
20) Methylene Chloride	4.722	84	10055	1.826	ug/l #	86
31) Cyclohexane	7.801	56	2608	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10079	4.647	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13382	5.859	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	48421	23.702	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	48421	55.833	ug/l #	11

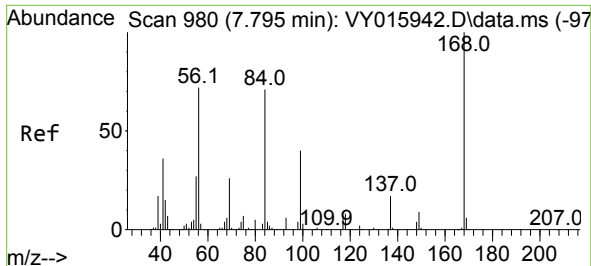
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
Data File : VY015986.D
Acq On : 16 Oct 2023 15:53
Operator : SY/MD
Sample : 04895-03
Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

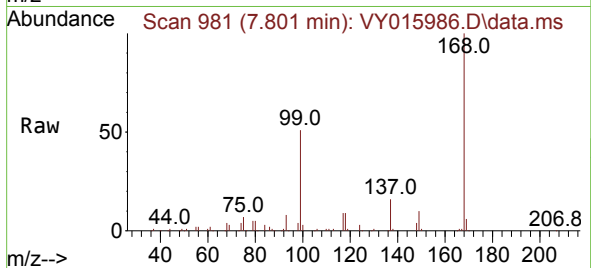
Quant Time: Oct 17 05:44:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration



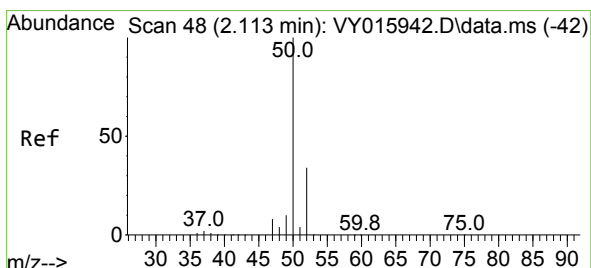
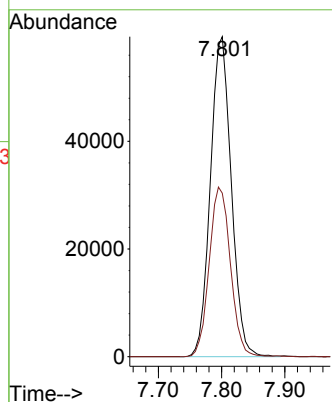
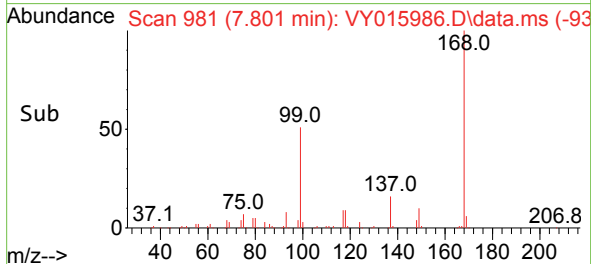


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

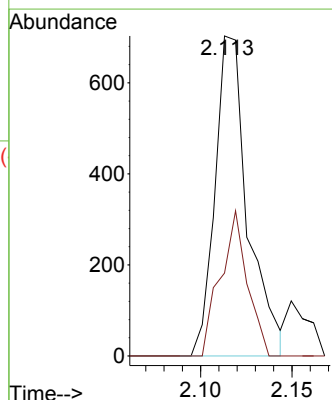
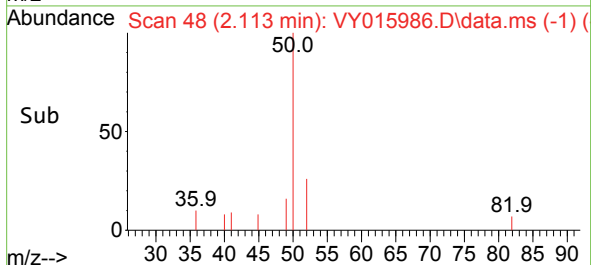
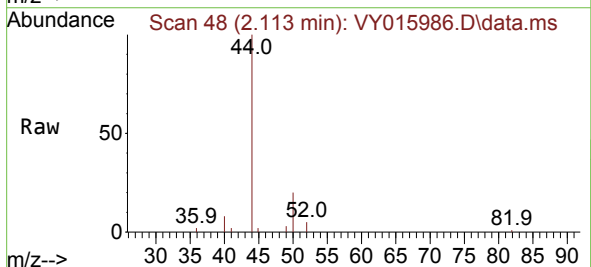


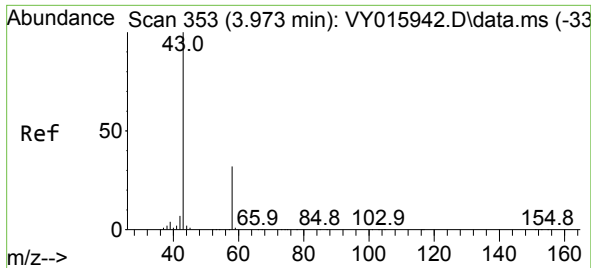
Tgt Ion:168 Resp: 136304
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

Tgt Ion: 50 Resp: 879
Ion Ratio Lower Upper
50 100
52 25.9 25.4 38.2

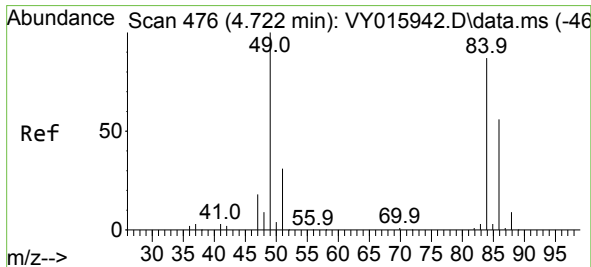
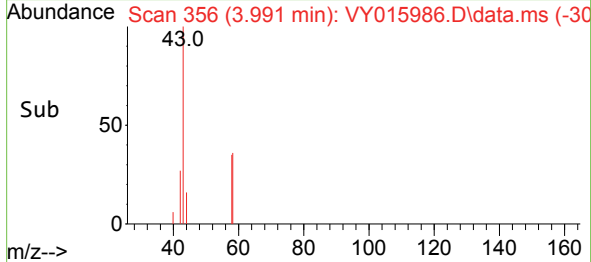
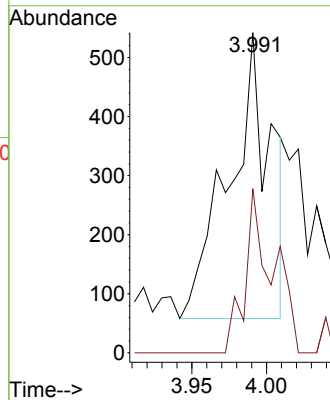
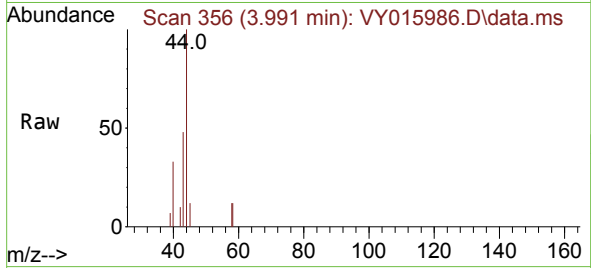




#16
Acetone
Concen: 1.035 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.018 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

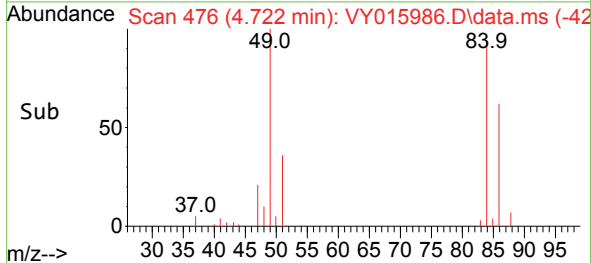
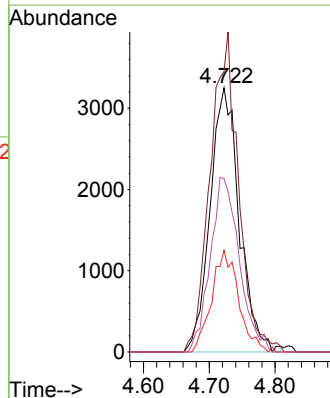
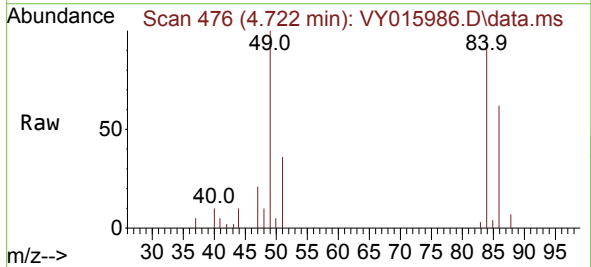
Instrument :
MSVOA_Y
ClientSampleId :

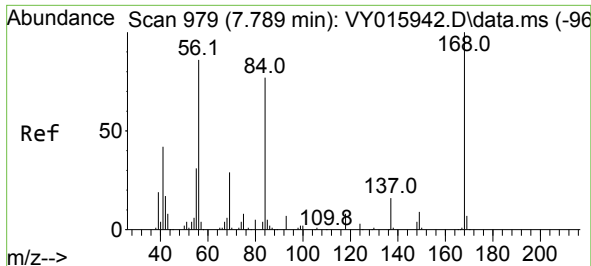
Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
58 57.4 22.7 34.1#



#20
Methylene Chloride
Concen: 1.826 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

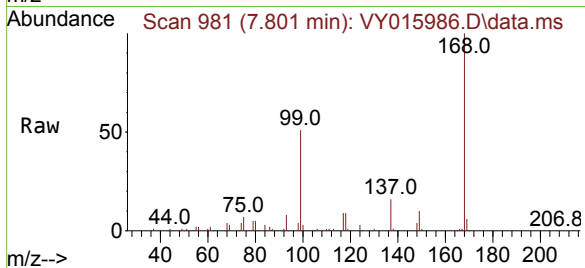
Tgt Ion: 84 Resp: 10055
Ion Ratio Lower Upper
84 100
49 106.2 106.9 160.3#
51 38.5 33.2 49.8
86 65.6 51.0 76.6



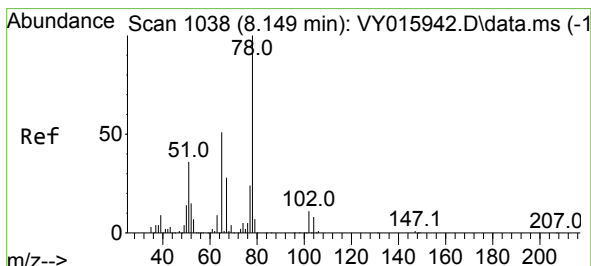
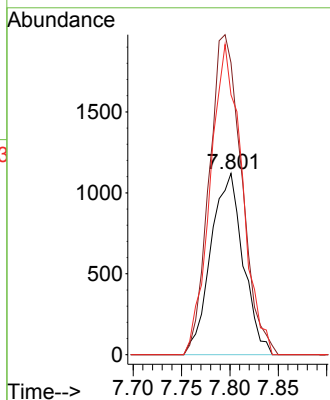
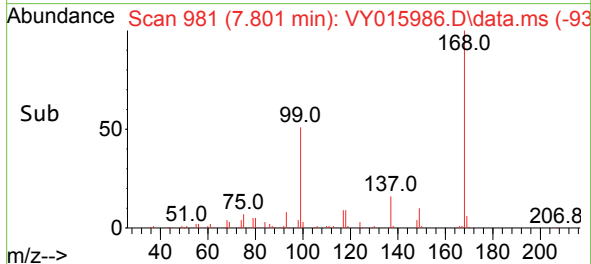


#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.801 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

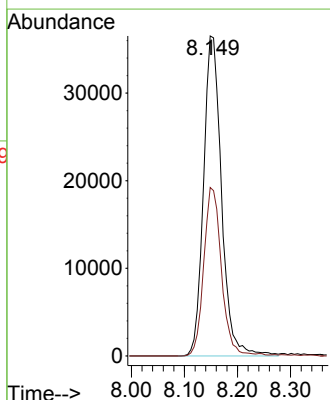
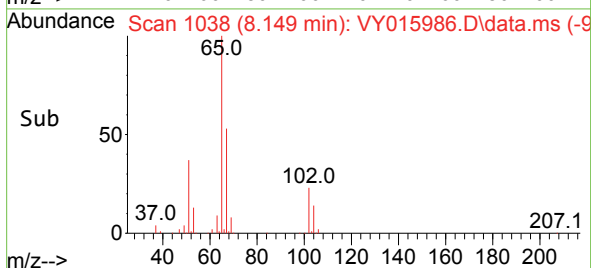
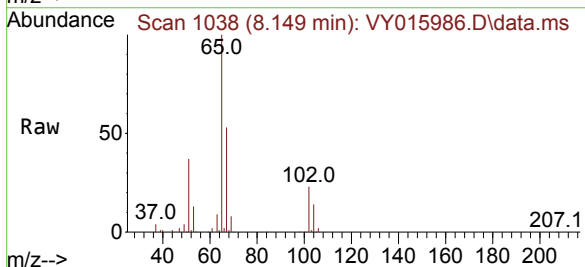


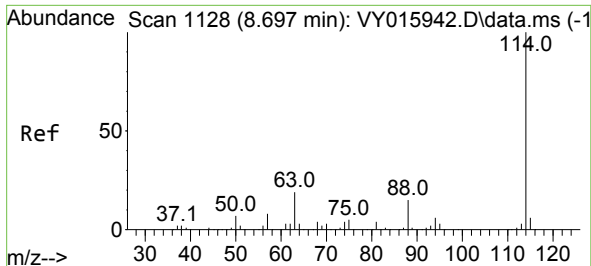
Tgt Ion: 56 Resp: 2608
Ion Ratio Lower Upper
56 100
69 161.0 27.8 41.6#
84 143.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.361 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

Tgt Ion: 65 Resp: 86120
Ion Ratio Lower Upper
65 100
67 51.9 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: VY015986.D

Acq: 16 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

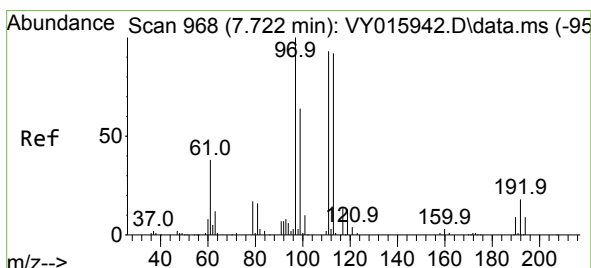
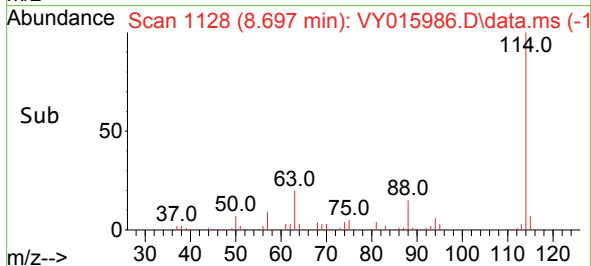
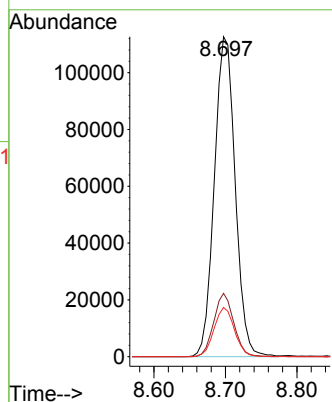
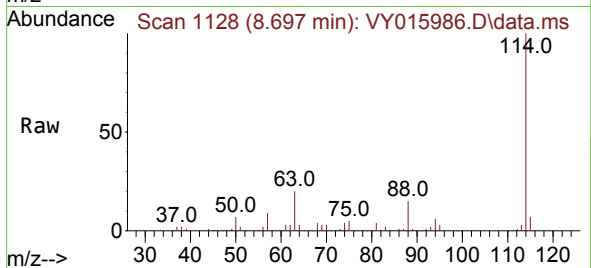
Tgt Ion:114 Resp: 228320

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.011 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY015986.D

Acq: 16 Oct 2023 15:53

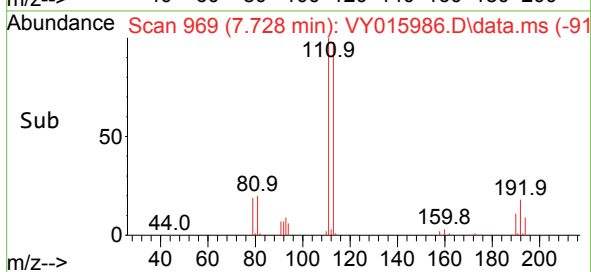
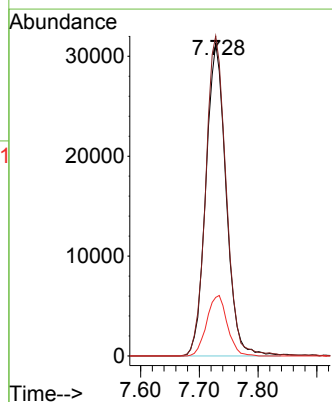
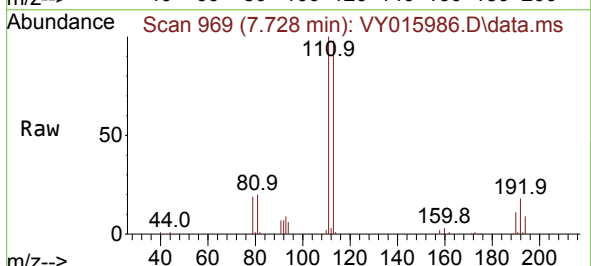
Tgt Ion:113 Resp: 74760

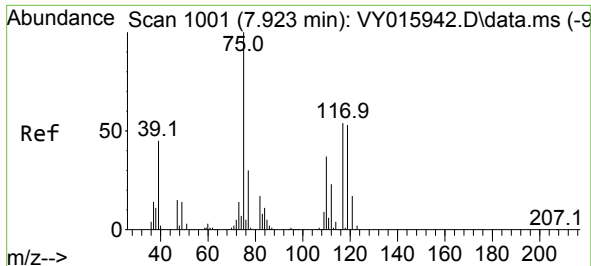
Ion Ratio Lower Upper

113 100

111 103.7 81.3 121.9

192 19.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.647 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

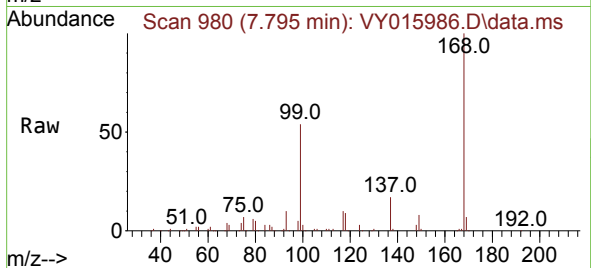
Lab File: VY015986.D

Acq: 16 Oct 2023 15:53

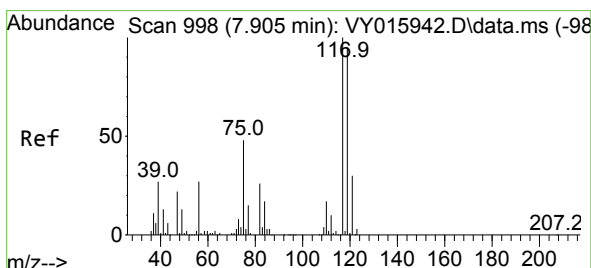
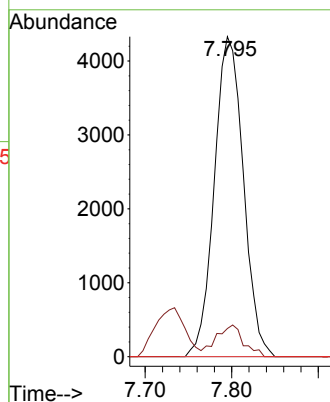
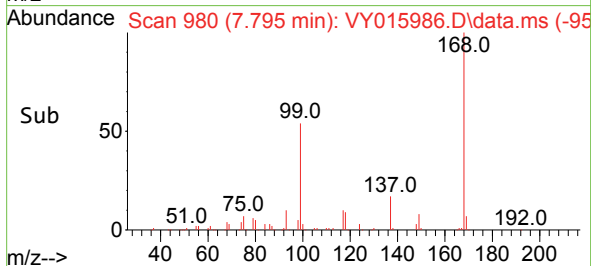
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 10079
Ion Ratio	Lower Upper
75	100
110	9.3 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.859 ug/l

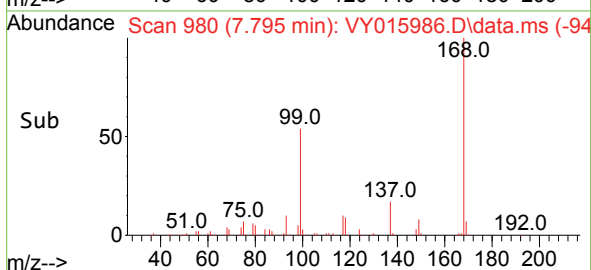
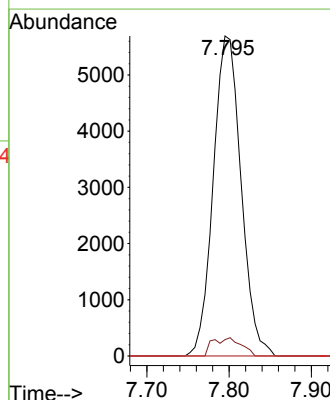
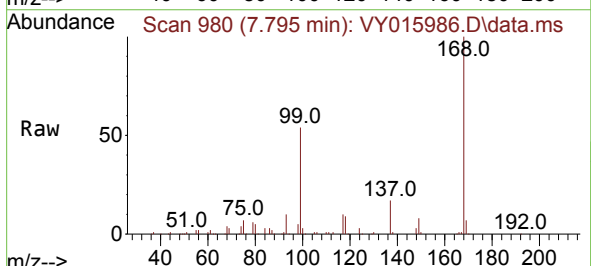
RT: 7.795 min Scan# 980

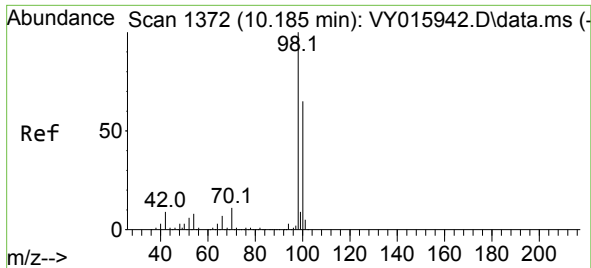
Delta R.T. -0.110 min

Lab File: VY015986.D

Acq: 16 Oct 2023 15:53

Tgt Ion: 117	Resp: 13382
Ion Ratio	Lower Upper
117	100
119	5.1 76.4 114.6#
121	0.0 25.8 38.6#

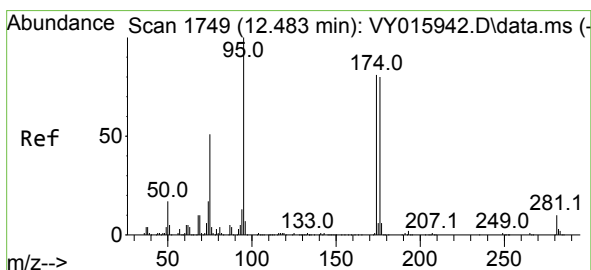
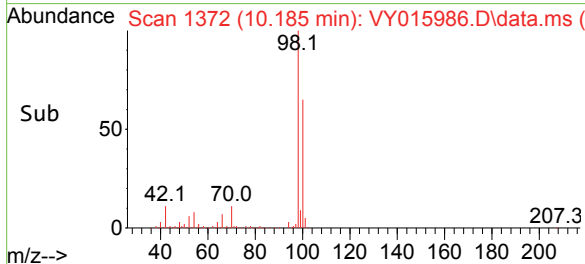
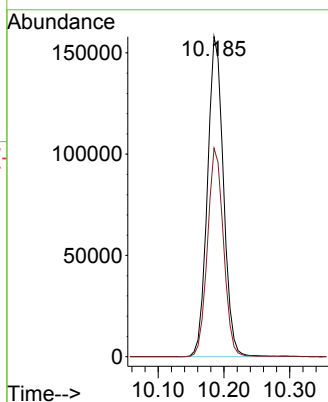
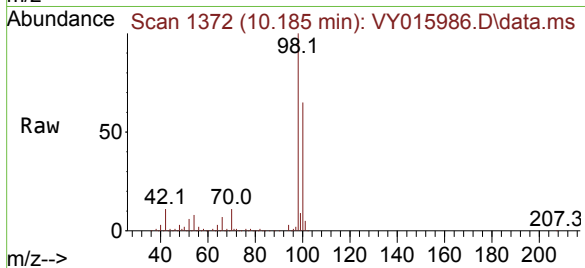




#50
Toluene-d8
Concen: 49.665 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

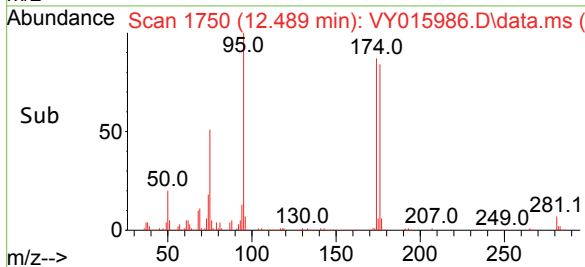
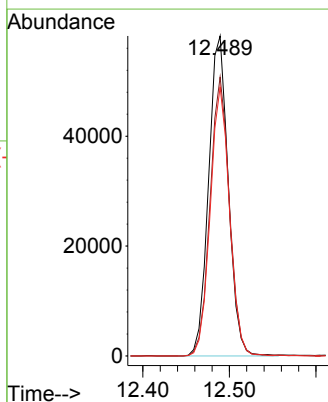
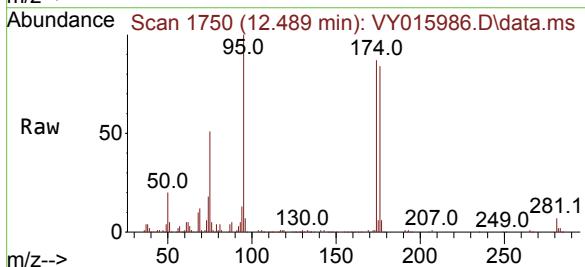
Instrument :
MSVOA_Y
ClientSampleId :

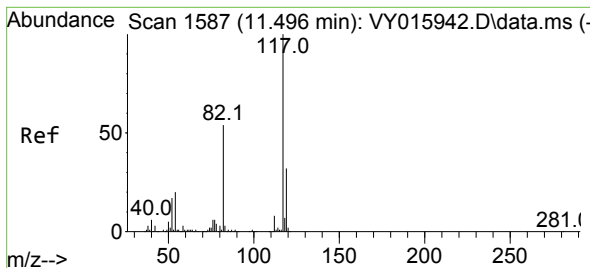
Tgt Ion: 98 Resp: 267343
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.858 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

Tgt Ion: 95 Resp: 91732
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 82.4 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: VY015986.D

Acq: 16 Oct 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

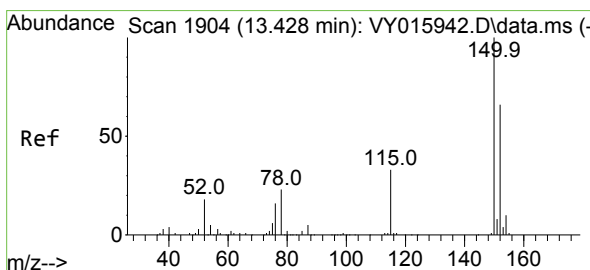
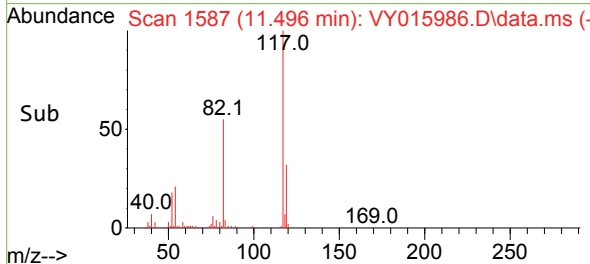
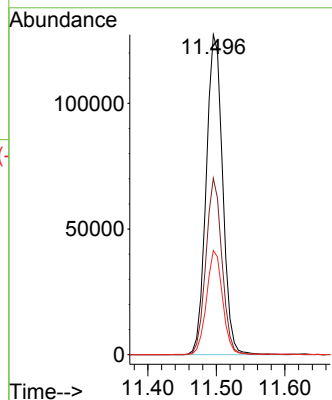
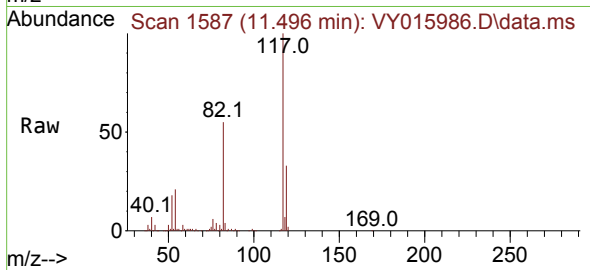
Tgt Ion:117 Resp: 213038

Ion Ratio Lower Upper

117 100

82 55.2 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015986.D

Acq: 16 Oct 2023 15:53

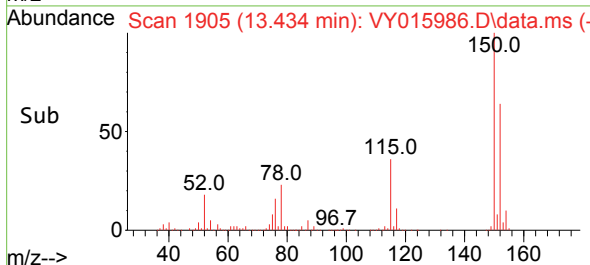
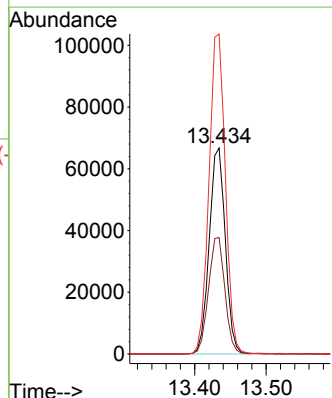
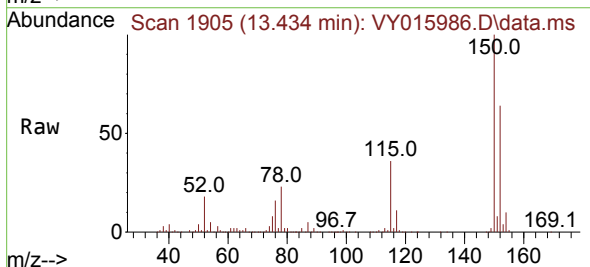
Tgt Ion:152 Resp: 104391

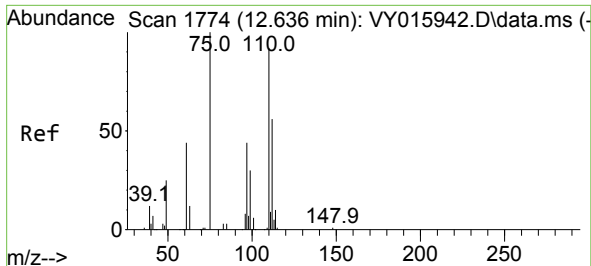
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 157.4 0.0 348.8

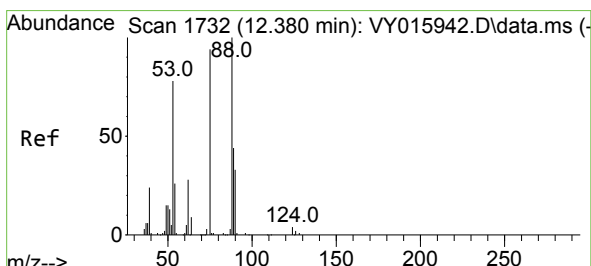
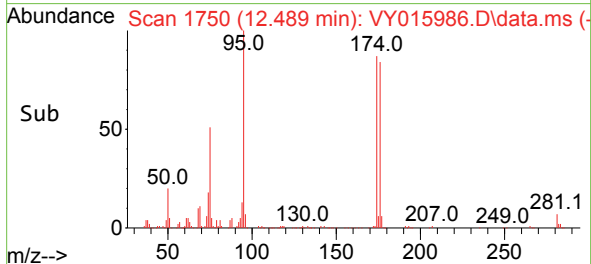
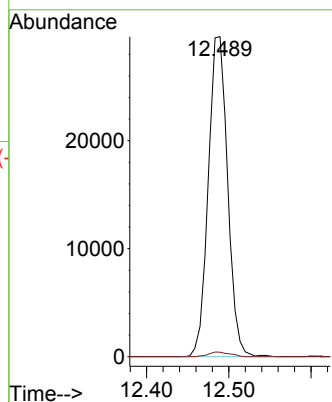
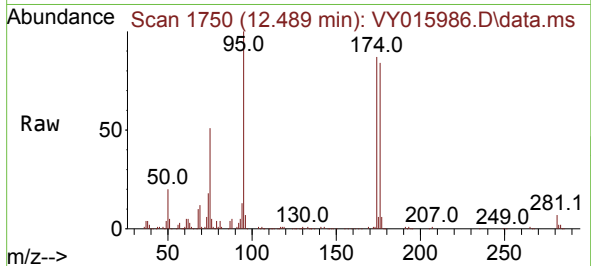




#76
1,2,3-Trichloropropane
Concen: 23.702 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 48421
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.833 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY015986.D
Acq: 16 Oct 2023 15:53

Tgt Ion: 75 Resp: 48421
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

