

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015979.D
 Acq On : 16 Oct 2023 12:26
 Operator : SY/MD
 Sample : 04878-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 05:41:40 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)

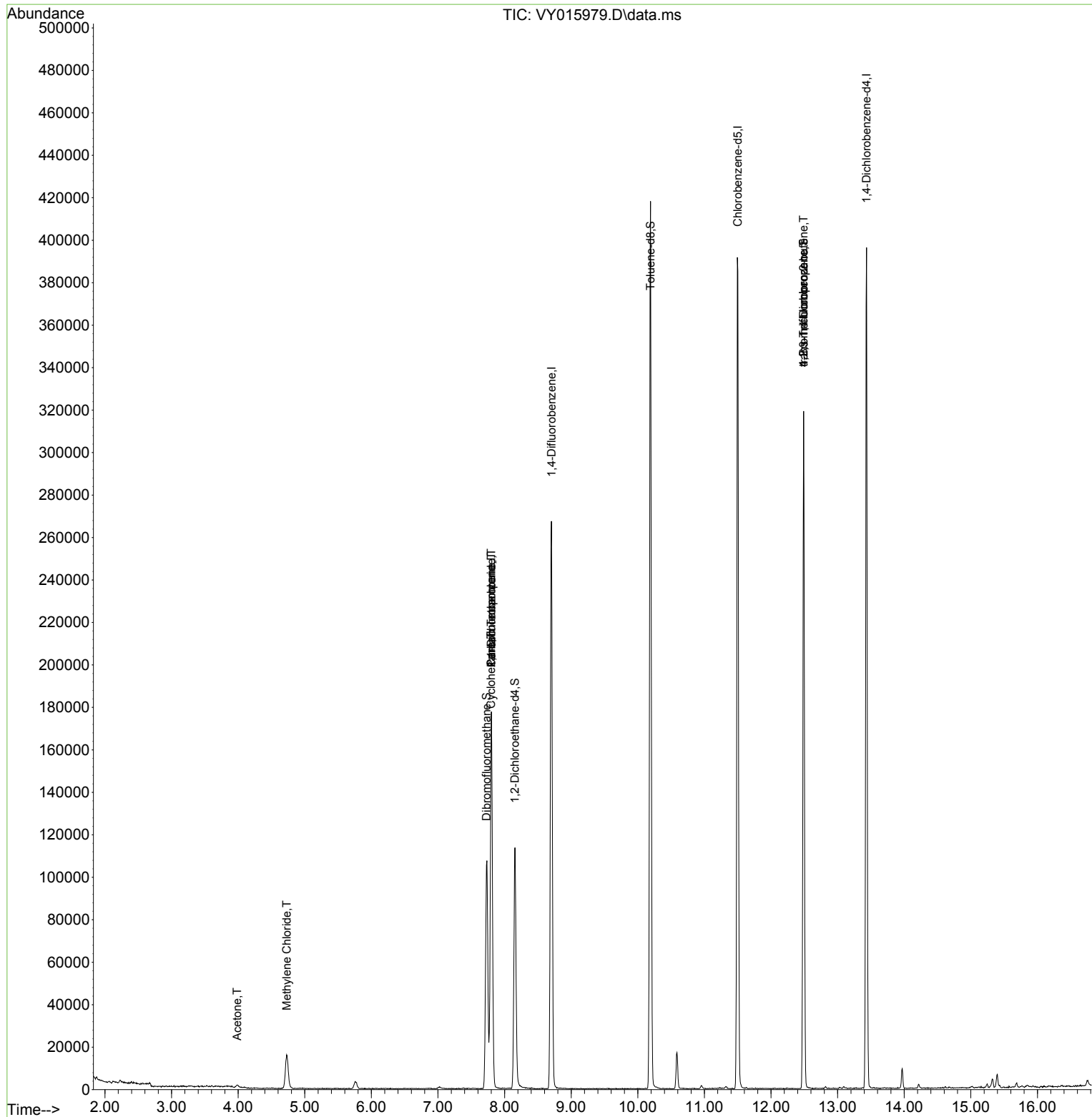
Internal Standards						
1) Pentafluorobenzene	7.801	168	136854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	235773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	221922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	104861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	91966	58.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.760%	
35) Dibromofluoromethane	7.728	113	79969	53.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.760%	
50) Toluene-d8	10.191	98	282360	50.796	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.489	95	95773	48.386	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	603	Below Cal	#	88
16) Acetone	3.985	43	3094	3.410	ug/l #	84
20) Methylene Chloride	4.728	84	12541	3.366	ug/l #	86
31) Cyclohexane	7.795	56	2644	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10442	4.662	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13582	5.758	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	49685	24.211	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	49685	57.034	ug/l #	10

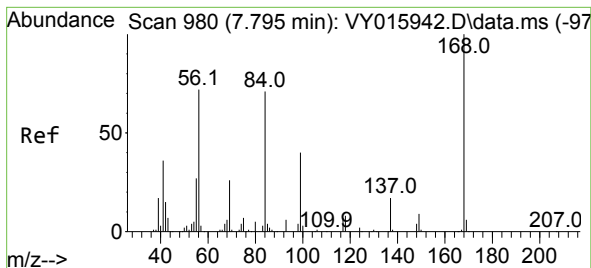
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY015979.D

Acq: 16 Oct 2023 12:26

Instrument :

MSVOA_Y

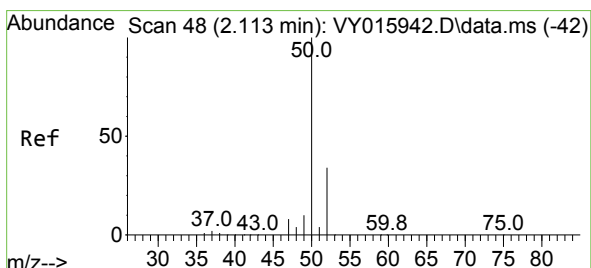
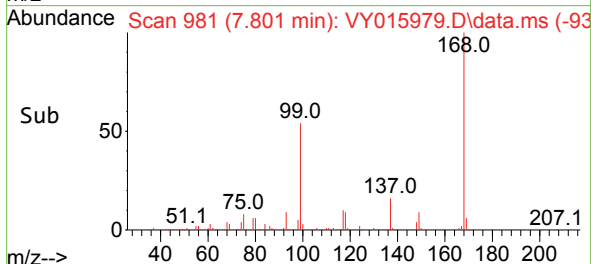
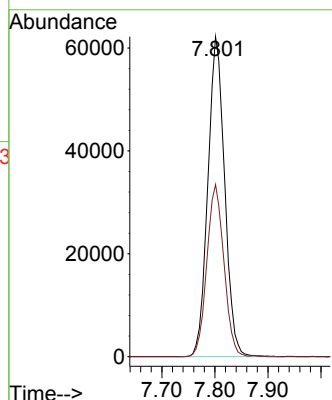
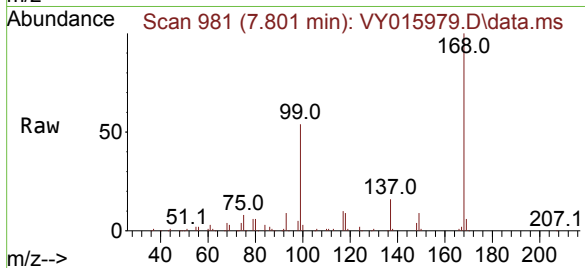
ClientSampleId :

Tgt Ion:168 Resp: 136854

Ion Ratio Lower Upper

168 100

99 53.8 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY015979.D

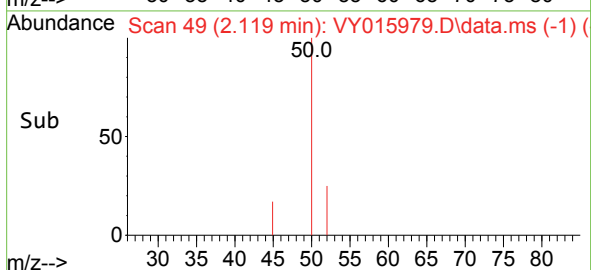
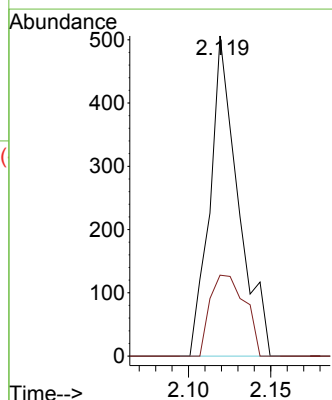
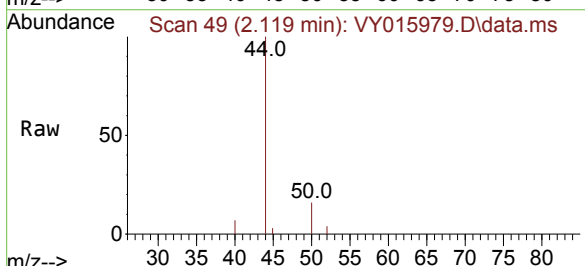
Acq: 16 Oct 2023 12:26

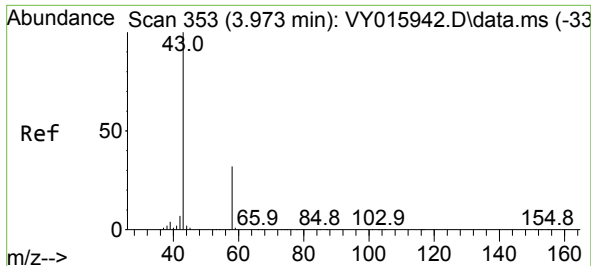
Tgt Ion: 50 Resp: 603

Ion Ratio Lower Upper

50 100

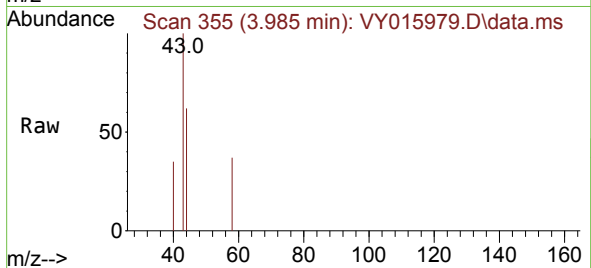
52 25.3 25.4 38.2#



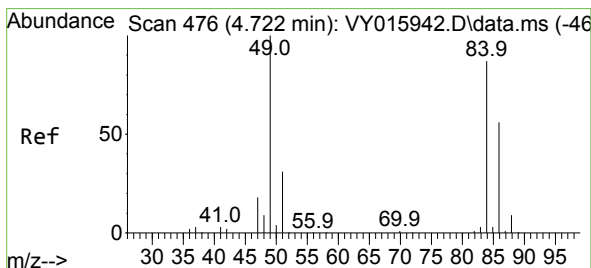
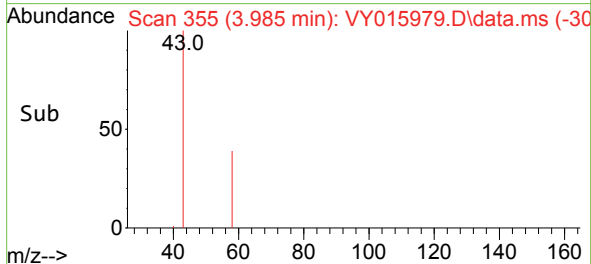
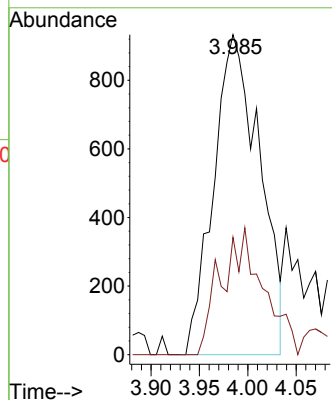


#16
Acetone
Concen: 3.410 ug/l
RT: 3.985 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

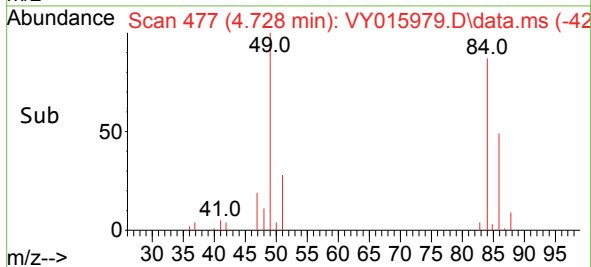
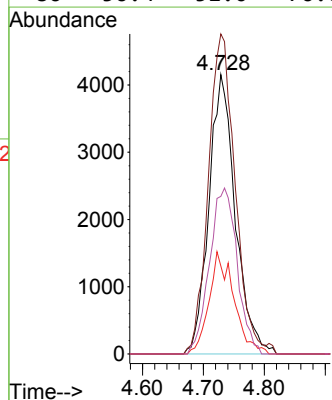
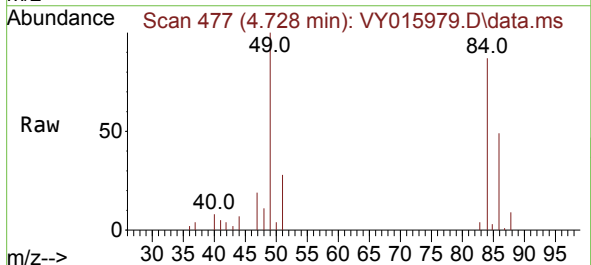


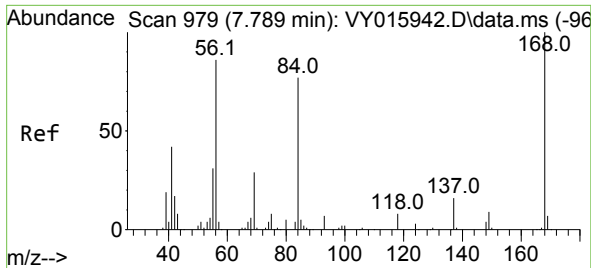
Tgt Ion: 43 Resp: 3094
Ion Ratio Lower Upper
43 100
58 36.7 22.7 34.1#



#20
Methylene Chloride
Concen: 3.366 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

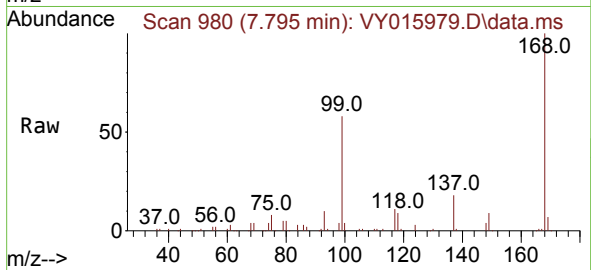
Tgt Ion: 84 Resp: 12541
Ion Ratio Lower Upper
84 100
49 114.5 106.9 160.3
51 31.5 33.2 49.8#
86 56.4 51.0 76.6



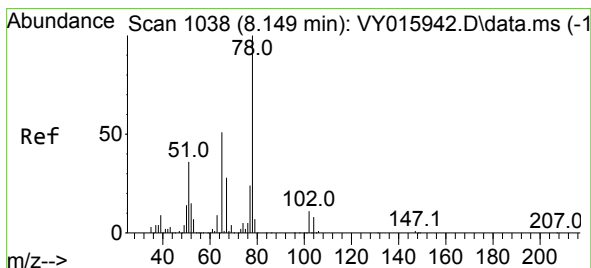
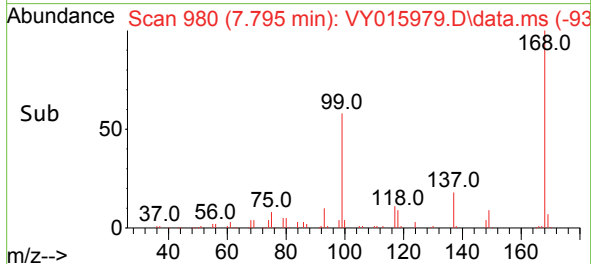
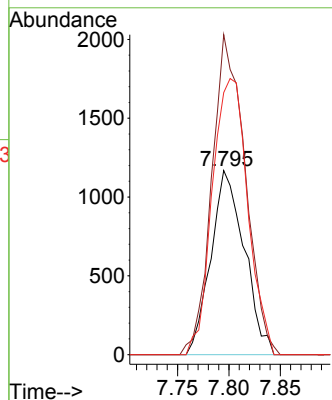


#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

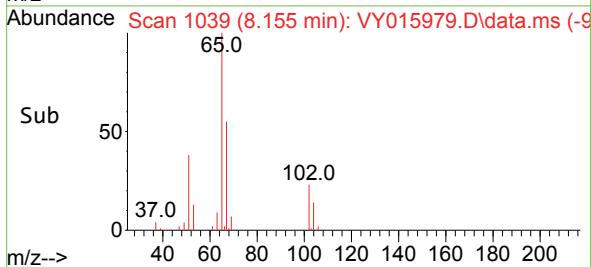
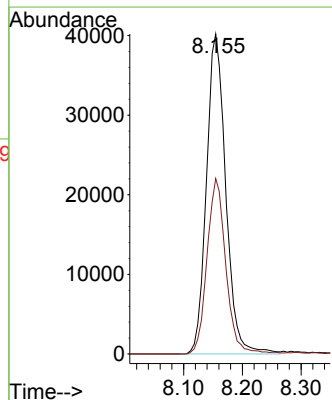
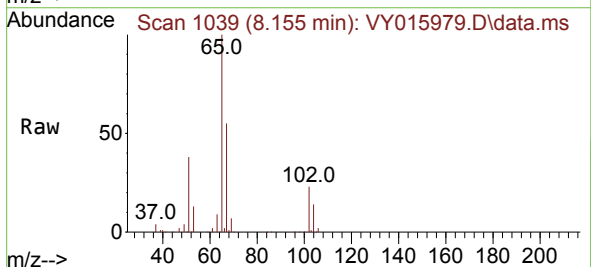


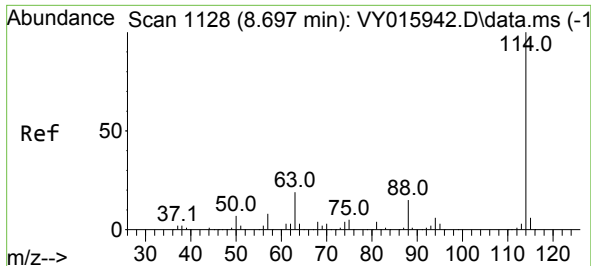
Tgt Ion: 56 Resp: 2644
Ion Ratio Lower Upper
56 100
69 173.8 27.8 41.6#
84 142.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.881 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

Tgt Ion: 65 Resp: 91966
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8

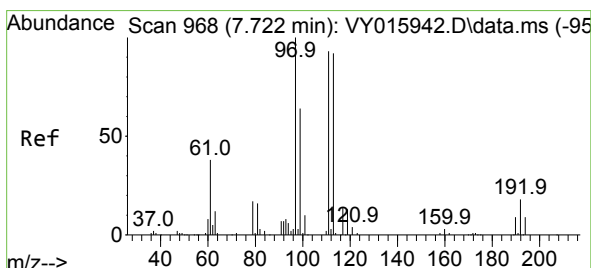
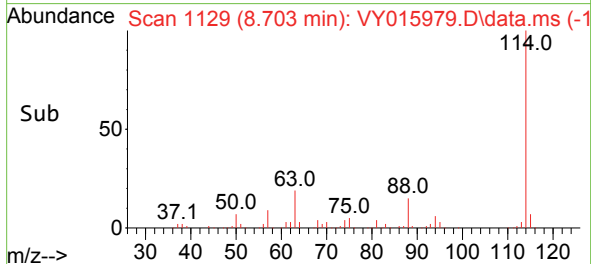
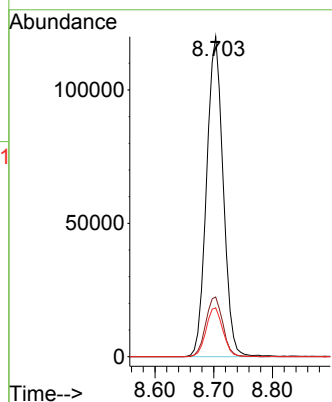
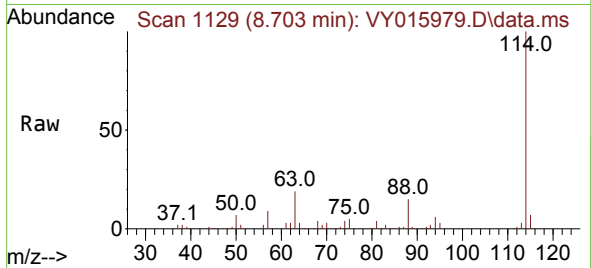




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

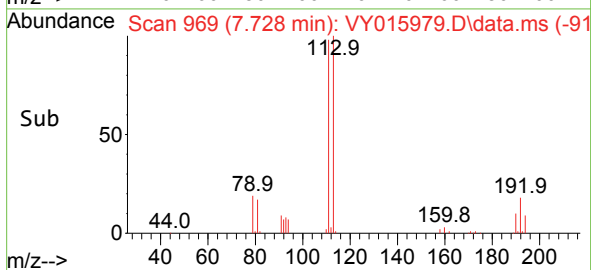
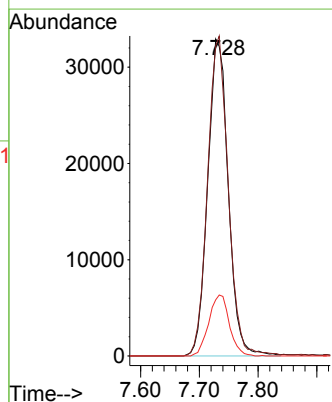
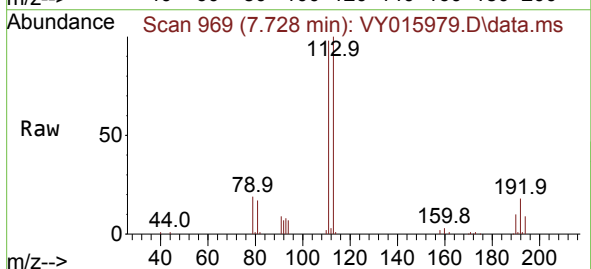
Instrument :
MSVOA_Y
ClientSampleId :

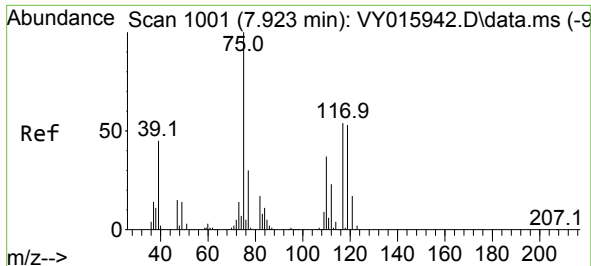
Tgt Ion:114 Resp: 235773
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.876 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

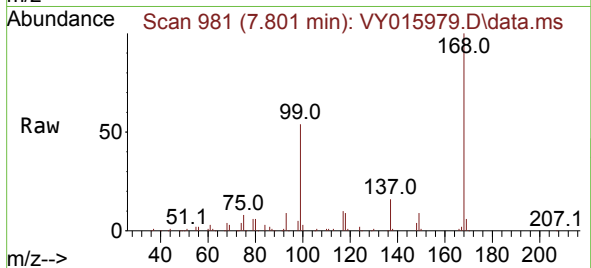
Tgt Ion:113 Resp: 79969
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.3 16.9 25.3



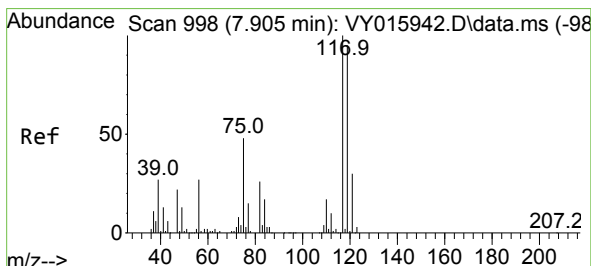
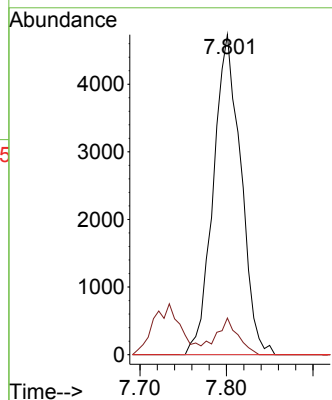
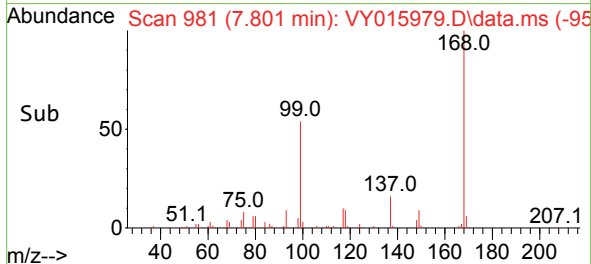


#36
 1,1-Dichloropropene
 Concen: 4.662 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY015979.D
 Acq: 16 Oct 2023 12:26

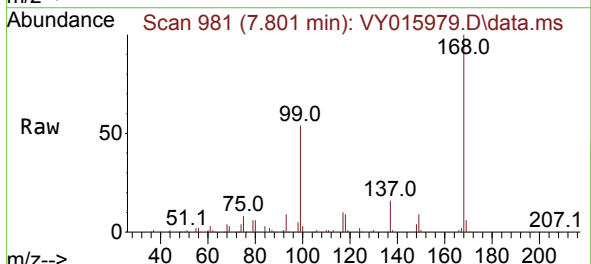
Instrument :
 MSVOA_Y
 ClientSampleId :



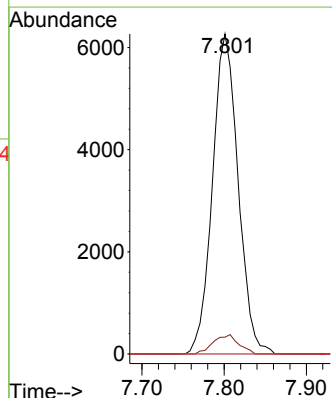
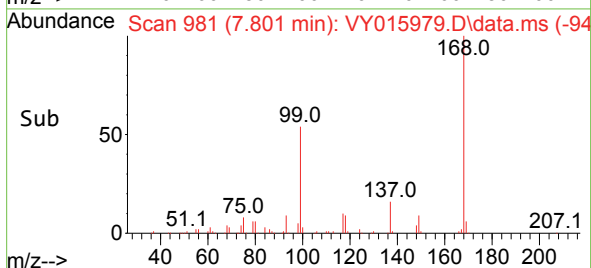
Tgt Ion: 75 Resp: 10442
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.5#
 77 0.0 24.4 36.6#

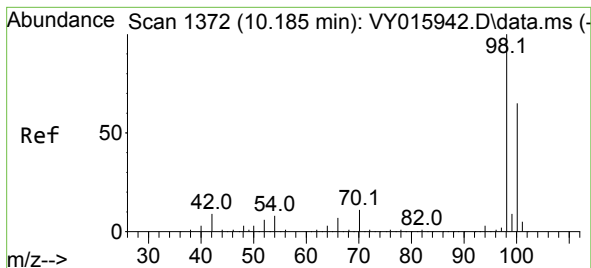


#38
 Carbon Tetrachloride
 Concen: 5.758 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.104 min
 Lab File: VY015979.D
 Acq: 16 Oct 2023 12:26



Tgt Ion: 117 Resp: 13582
 Ion Ratio Lower Upper
 117 100
 119 5.3 76.4 114.6#
 121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.796 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015979.D

Acq: 16 Oct 2023 12:26

Instrument :

MSVOA_Y

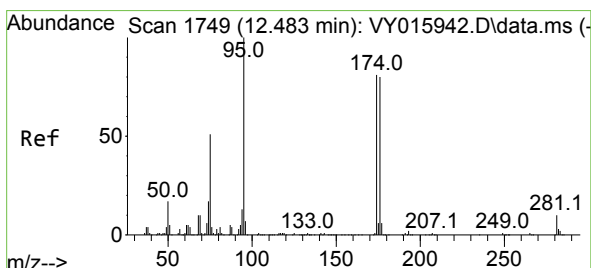
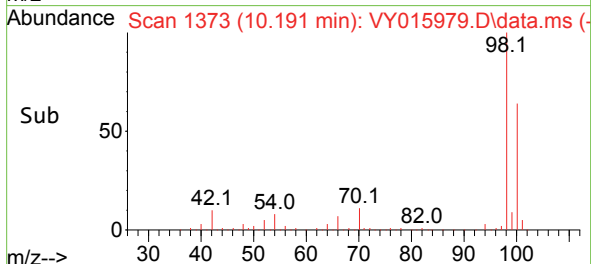
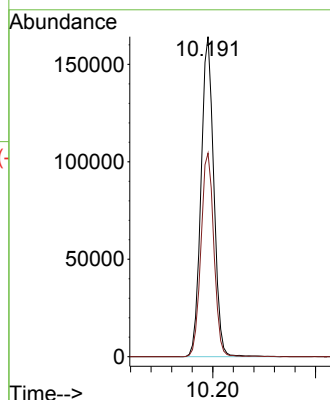
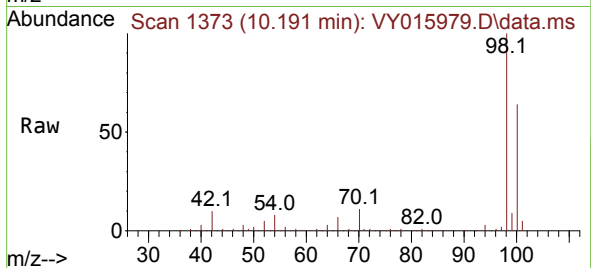
ClientSampleId :

Tgt Ion: 98 Resp: 282360

Ion Ratio Lower Upper

98 100

100 64.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.386 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY015979.D

Acq: 16 Oct 2023 12:26

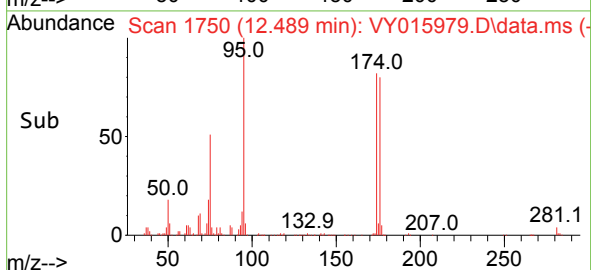
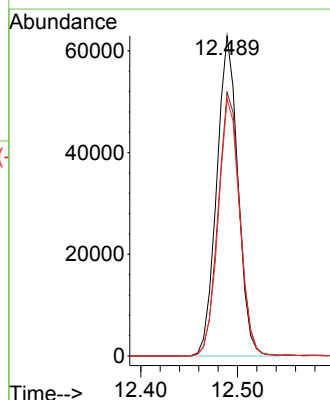
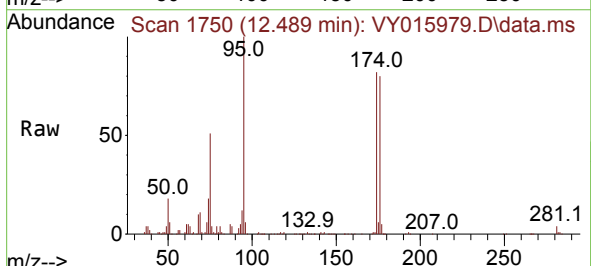
Tgt Ion: 95 Resp: 95773

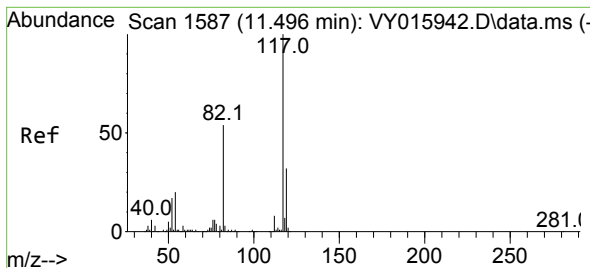
Ion Ratio Lower Upper

95 100

174 84.4 0.0 178.2

176 81.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

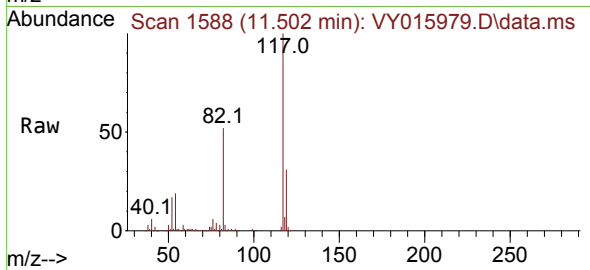
Lab File: VY015979.D

Acq: 16 Oct 2023 12:26

Instrument :

MSVOA_Y

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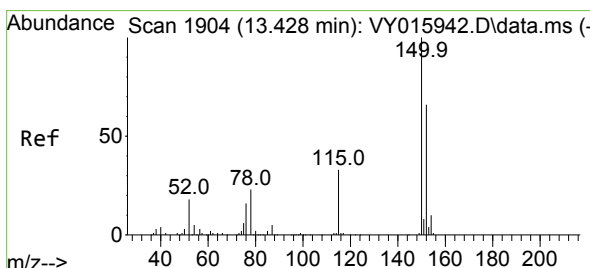
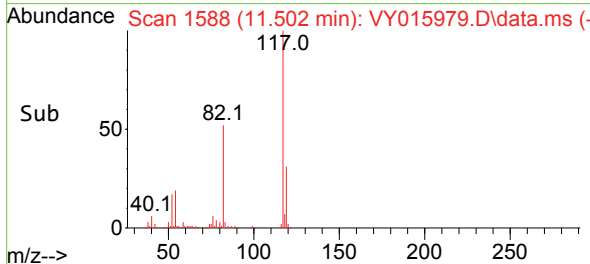
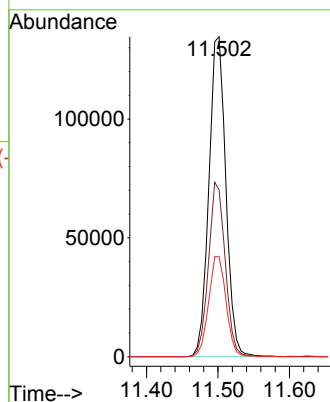
Tgt Ion:117 Resp: 221922

Ion Ratio Lower Upper

117 100

82 52.1 43.4 65.0

119 31.2 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: VY015979.D

Acq: 16 Oct 2023 12:26

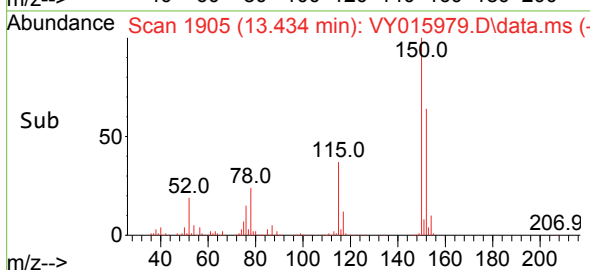
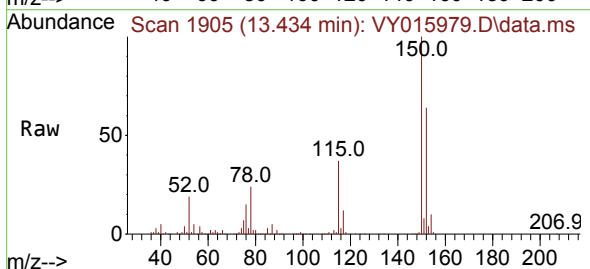
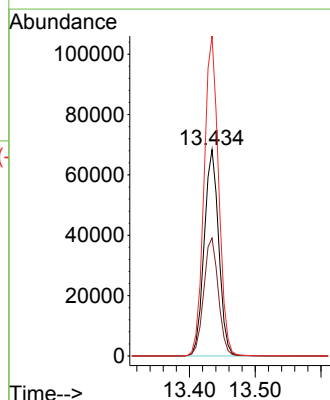
Tgt Ion:152 Resp: 104861

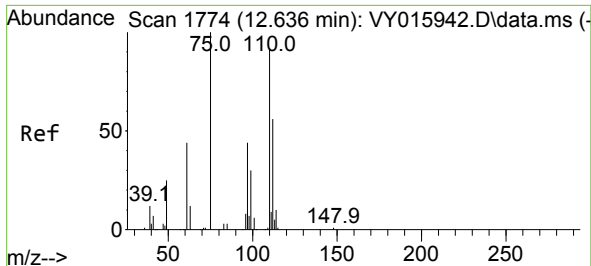
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 155.3 0.0 348.8

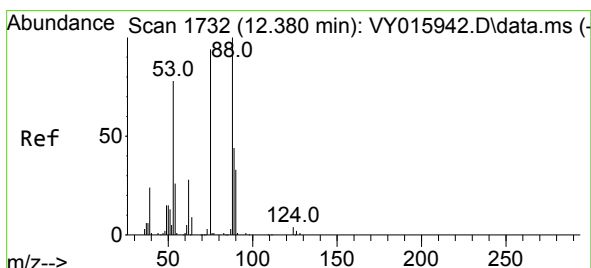
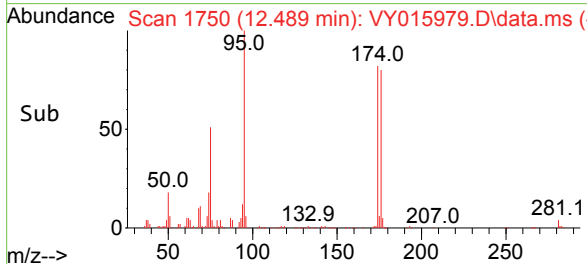
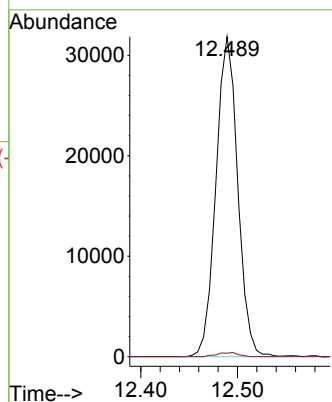
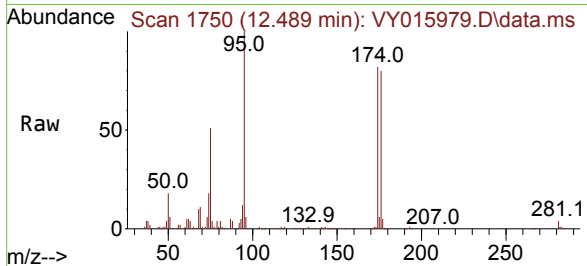




#76
1,2,3-Trichloropropane
Concen: 24.211 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49685
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.034 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY015979.D
Acq: 16 Oct 2023 12:26

Tgt Ion: 75 Resp: 49685
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

