

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015925.D
 Acq On : 11 Oct 2023 15:45
 Operator : SY/MD
 Sample : 04837-09
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 12 01:57:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

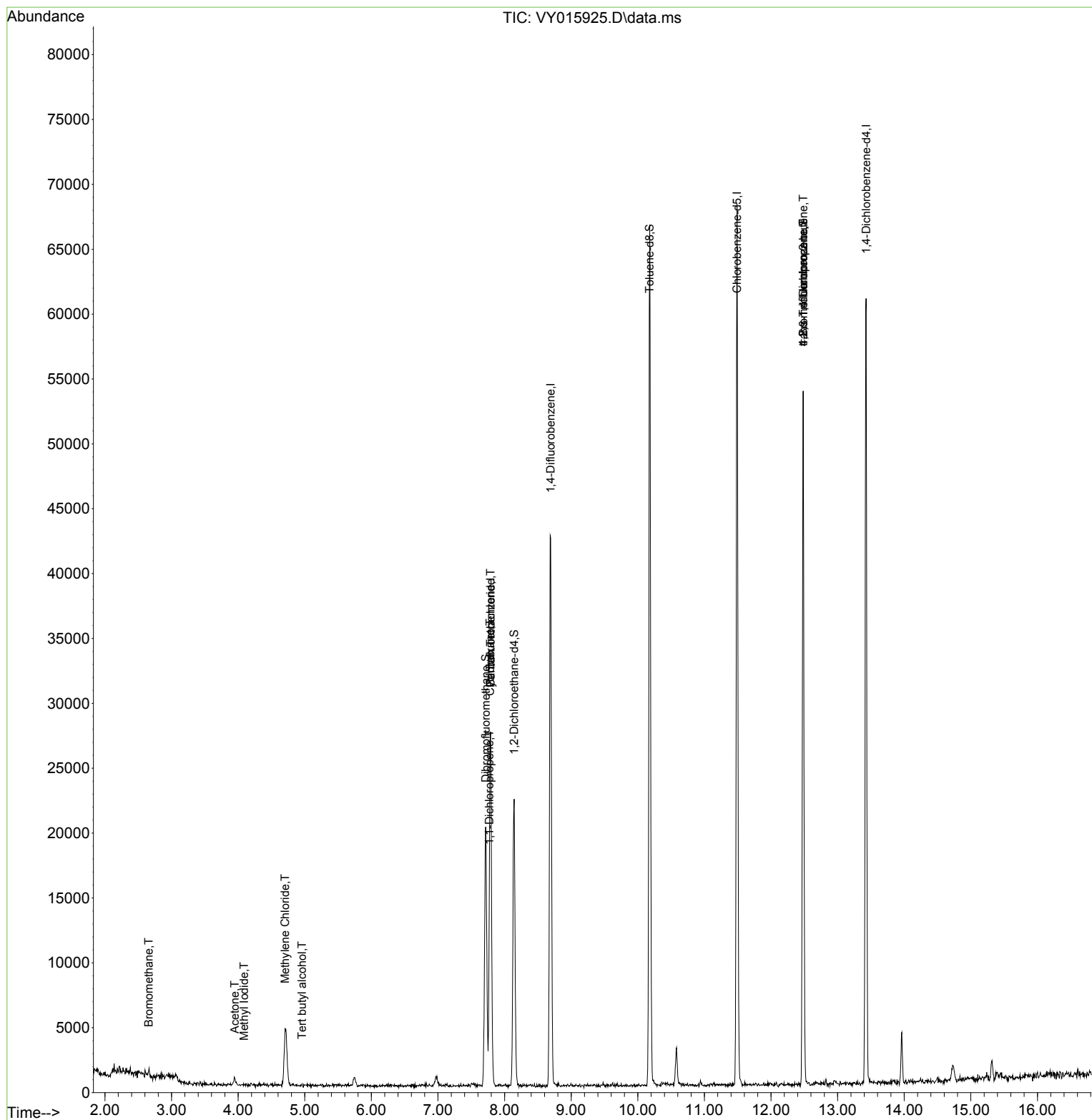
Internal Standards						
1) Pentafluorobenzene	7.789	168	22745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	38797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	38242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	17318	84.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.240%#	
35) Dibromofluoromethane	7.716	113	14397	66.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.060%	
50) Toluene-d8	10.179	98	45414	63.677	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.360%	
62) 4-Bromofluorobenzene	12.483	95	15646	54.011	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.020%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	109	1.120	ug/l #	63
10) Methyl Iodide	4.088	142	95	2.801	ug/l #	38
11) Tert butyl alcohol	4.960	59	23	11.231	ug/l #	89
16) Acetone	3.948	43	866	14.437	ug/l	96
20) Methylene Chloride	4.704	84	3582	9.115	ug/l #	79
31) Cyclohexane	7.783	56	374	1.706	ug/l #	1
36) 1,1-Dichloropropene	7.771	75	1728	7.210	ug/l #	41
38) Carbon Tetrachloride	7.789	117	2239	7.779	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	8059	41.405	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8059	91.816	ug/l #	10

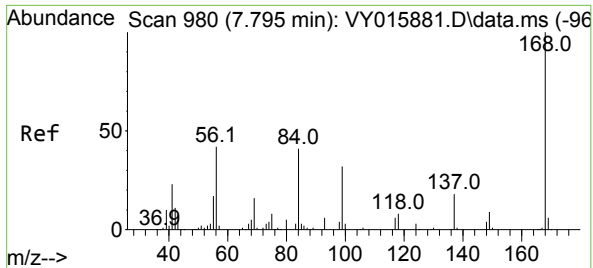
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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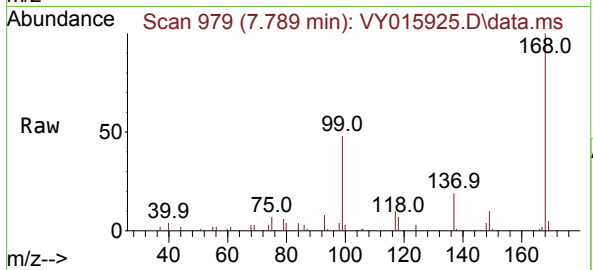
Quant Time: Oct 12 01:57:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
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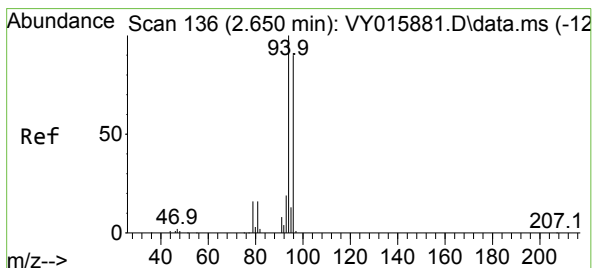
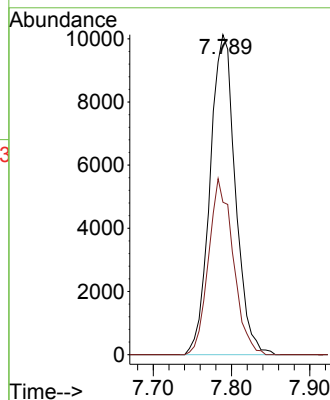
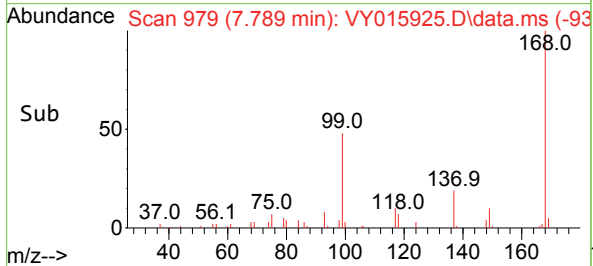


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015925.D
Acq: 11 Oct 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :

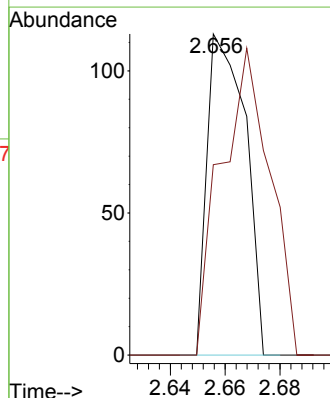
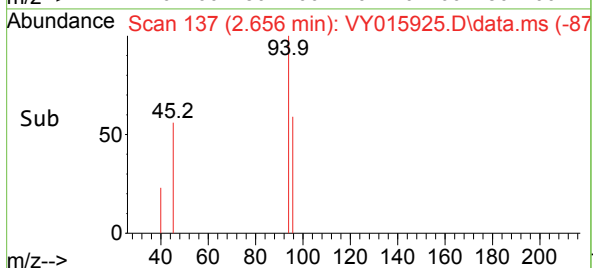
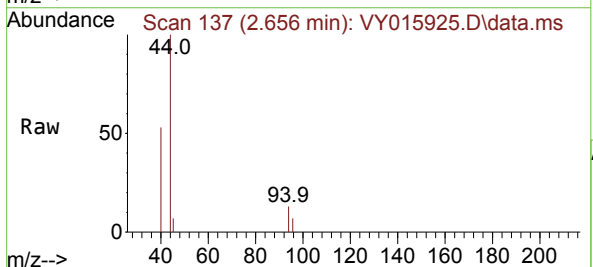


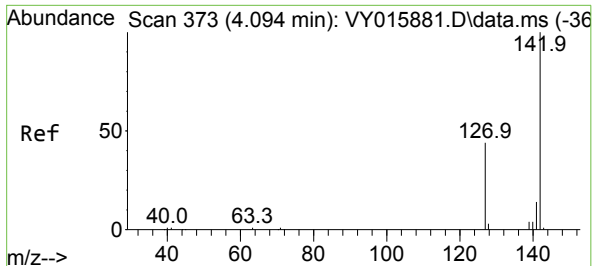
Tgt Ion:168 Resp: 22745
Ion Ratio Lower Upper
168 100
99 47.7 43.4 65.0



#5
Bromomethane
Concen: 1.120 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY015925.D
Acq: 11 Oct 2023 15:45

Tgt Ion: 94 Resp: 109
Ion Ratio Lower Upper
94 100
96 59.3 75.8 113.6#





#10

Methyl Iodide

Concen: 2.801 ug/l

RT: 4.088 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY015925.D

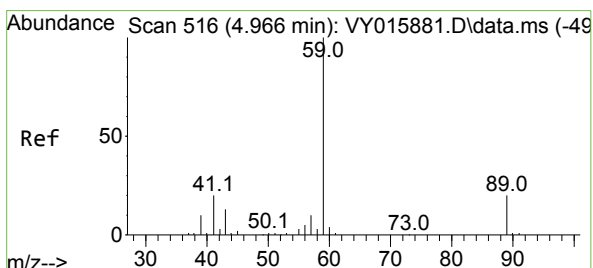
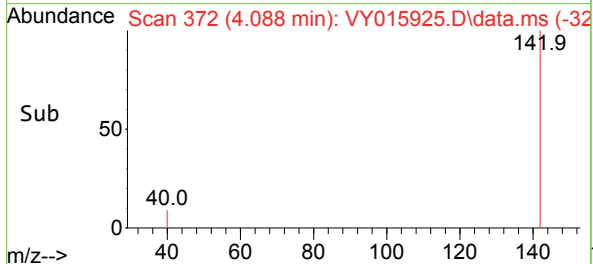
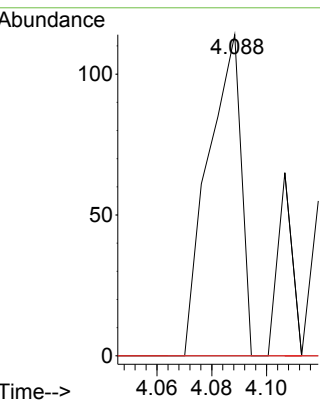
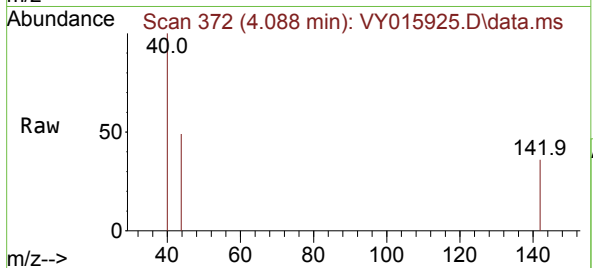
Acq: 11 Oct 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:142	Resp:	95
Ion	Ratio	Lower Upper
142	100	
127	0.0	37.6 56.4#
141	0.0	11.8 17.8#



#11

Tert butyl alcohol

Concen: 11.231 ug/l

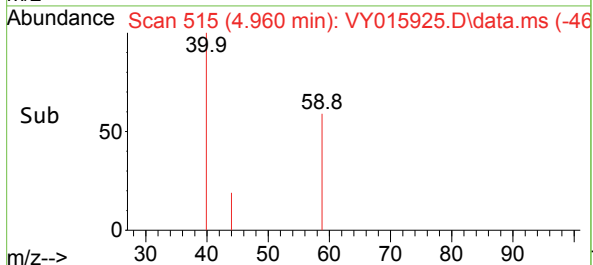
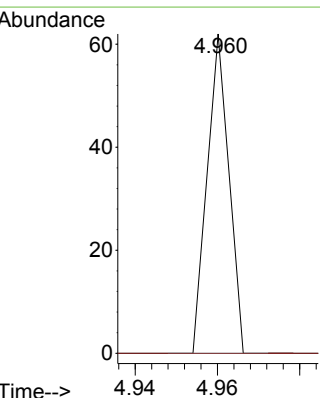
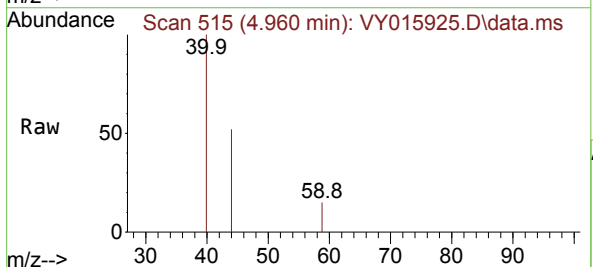
RT: 4.960 min Scan# 515

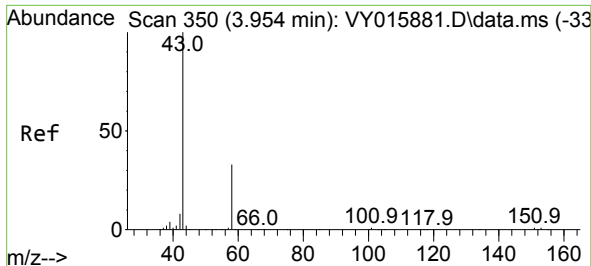
Delta R.T. -0.006 min

Lab File: VY015925.D

Acq: 11 Oct 2023 15:45

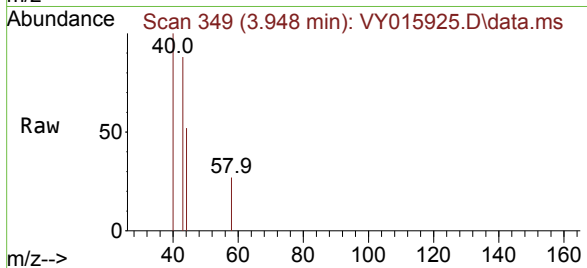
Tgt Ion: 59	Resp:	23
Ion	Ratio	Lower Upper
59	100	
57	0.0	3.0 4.4#



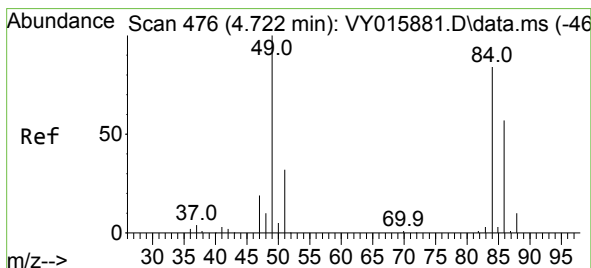
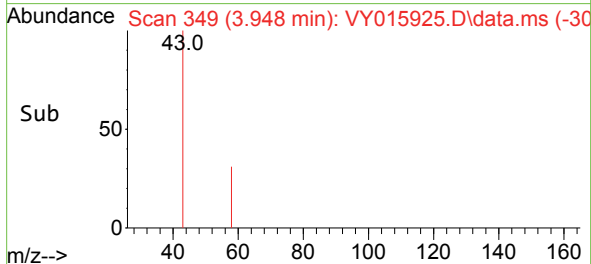
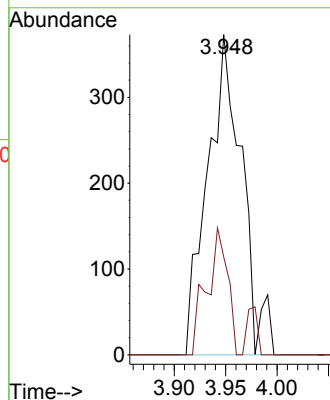


#16
Acetone
Concen: 14.437 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY015925.D
Acq: 11 Oct 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :

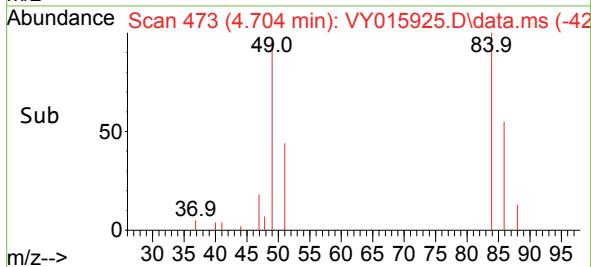
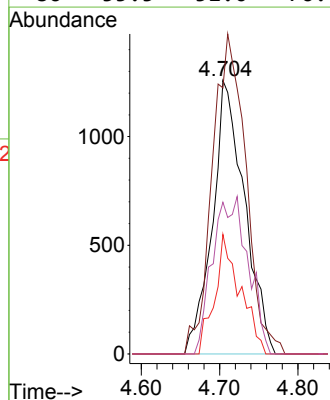
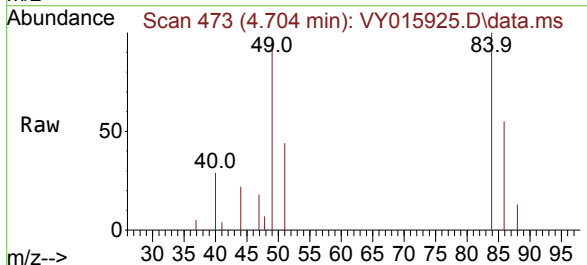


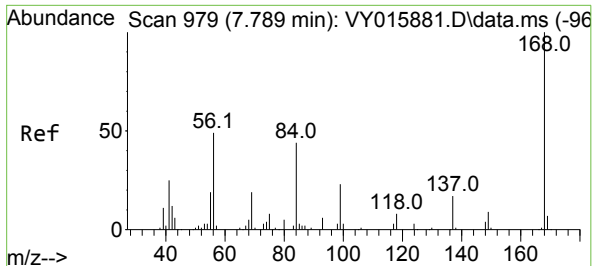
Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 30.6 22.7 34.1



#20
Methylene Chloride
Concen: 9.115 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY015925.D
Acq: 11 Oct 2023 15:45

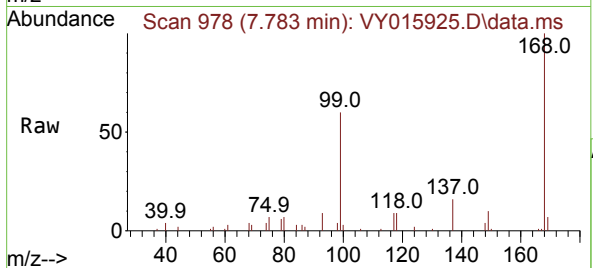
Tgt Ion: 84 Resp: 3582
Ion Ratio Lower Upper
84 100
49 97.3 106.9 160.3#
51 43.7 33.2 49.8
86 55.5 51.0 76.6



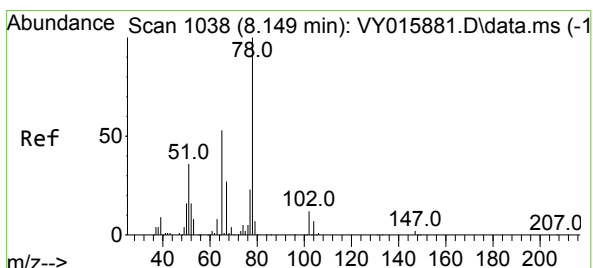
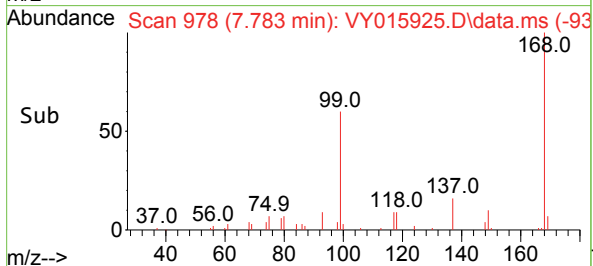
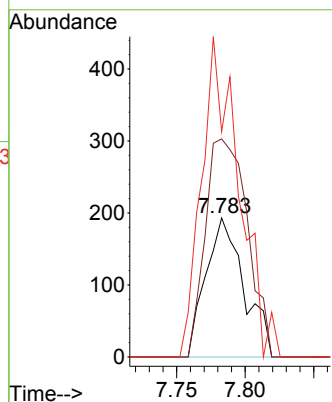


#31
Cyclohexane
Concen: 1.706 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015925.D
Acq: 11 Oct 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :

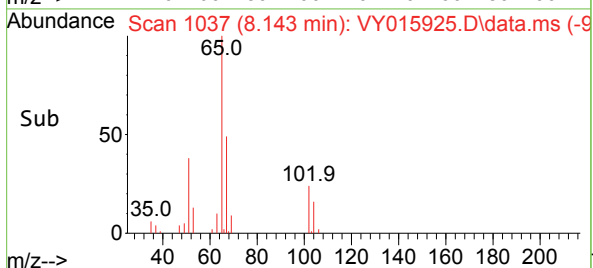
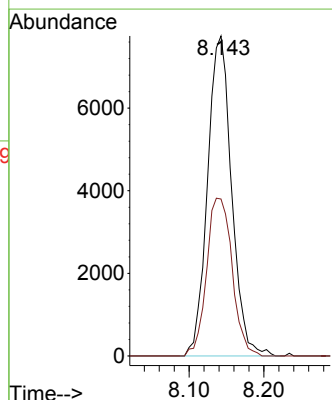
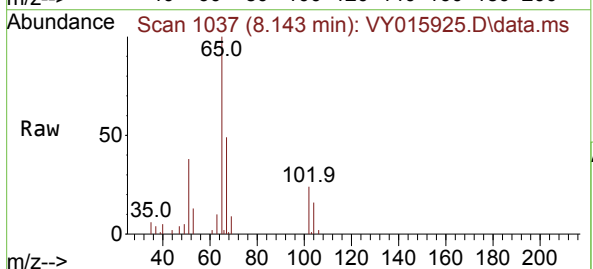


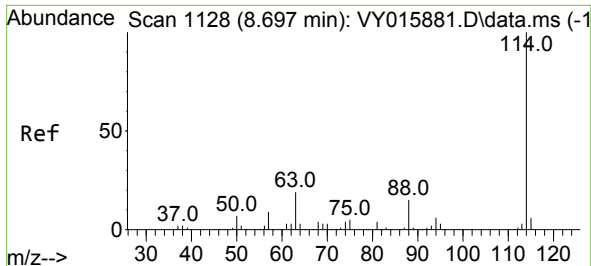
Tgt Ion: 56 Resp: 374
Ion Ratio Lower Upper
56 100
69 157.0 27.8 41.6#
84 162.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 84.619 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY015925.D
Acq: 11 Oct 2023 15:45

Tgt Ion: 65 Resp: 17318
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

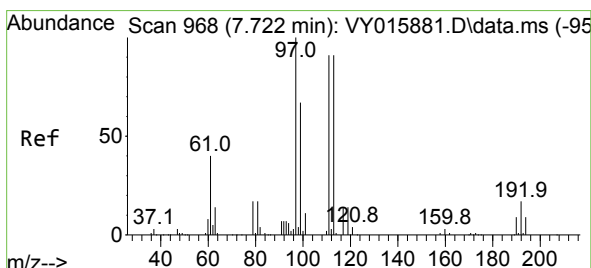
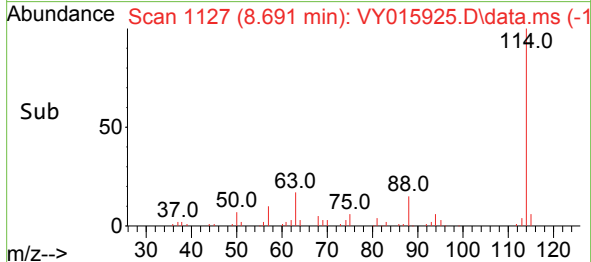
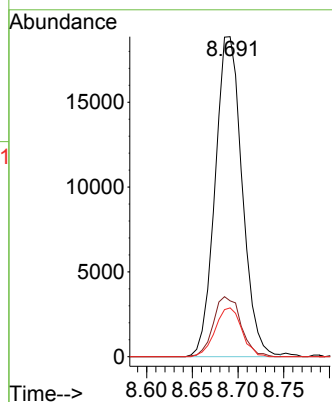
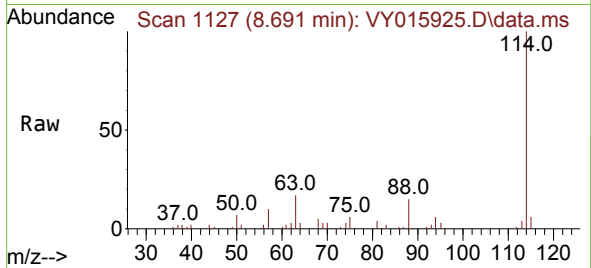




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY015925.D
Acq: 11 Oct 2023 15:45

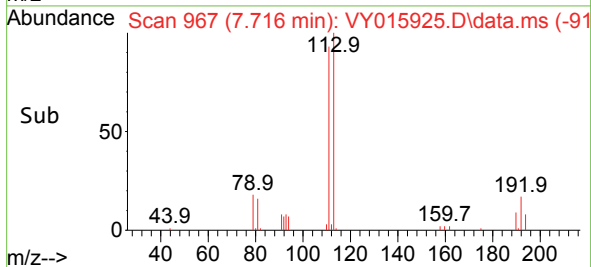
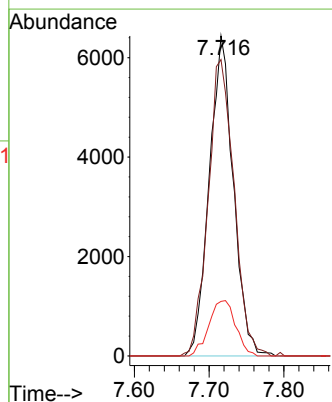
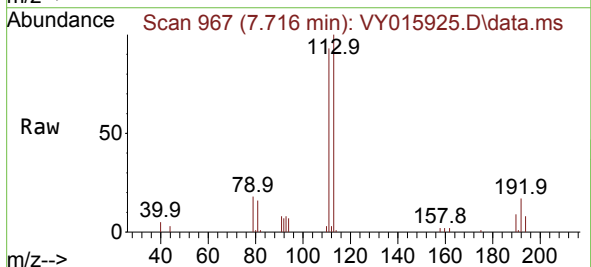
Instrument :
MSVOA_Y
ClientSampleId :

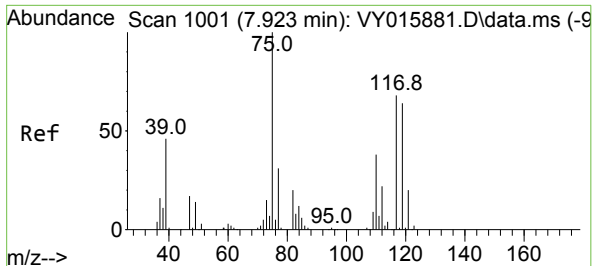
Tgt Ion:114	Resp:	38797
Ion Ratio	Lower	Upper
114	100	
63	17.4	0.0 42.4
88	15.3	0.0 30.6



#35
Dibromofluoromethane
Concen: 66.529 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY015925.D
Acq: 11 Oct 2023 15:45

Tgt Ion:113	Resp:	14397
Ion Ratio	Lower	Upper
113	100	
111	99.9	81.3 121.9
192	19.2	16.9 25.3





#36

1,1-Dichloropropene

Concen: 7.210 ug/l

RT: 7.771 min Scan# 91

Delta R.T. -0.152 min

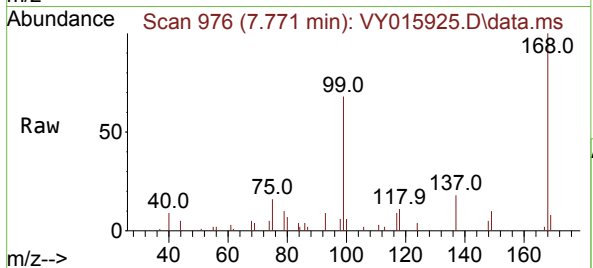
Lab File: VY015925.D

Acq: 11 Oct 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :



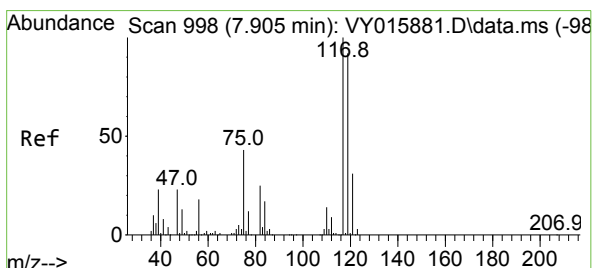
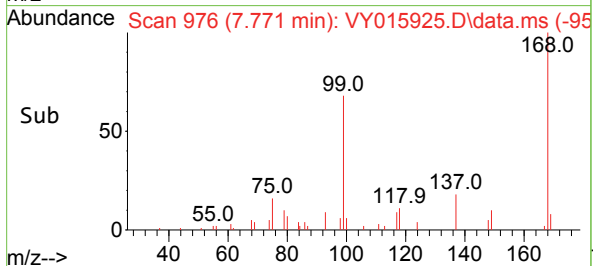
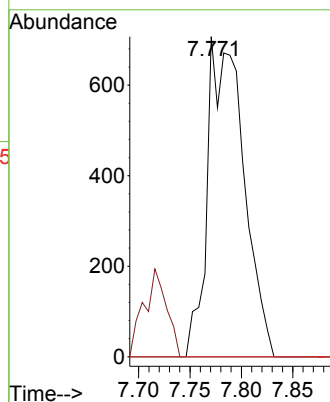
Tgt Ion: 75 Resp: 1728

Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.779 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY015925.D

Acq: 11 Oct 2023 15:45

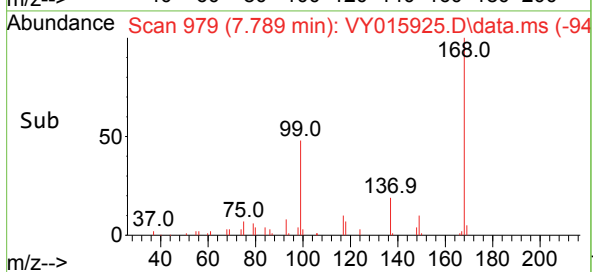
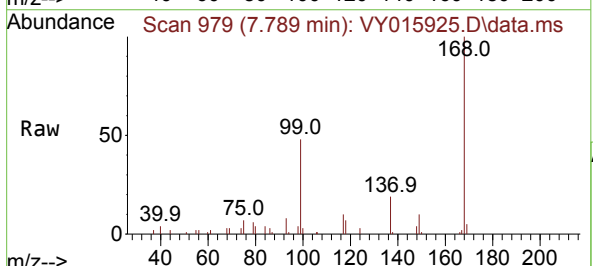
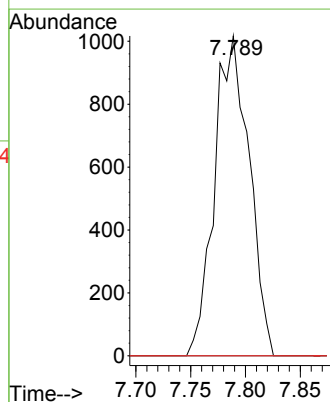
Tgt Ion: 117 Resp: 2239

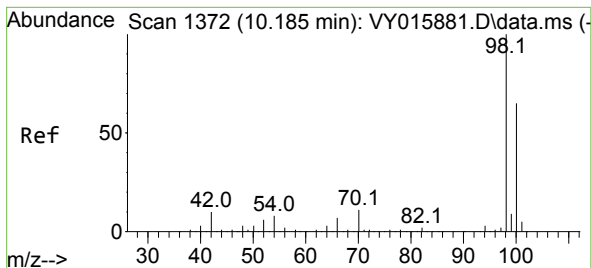
Ion Ratio Lower Upper

117 100

119 0.0 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 63.677 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015925.D

Acq: 11 Oct 2023 15:45

Instrument :

MSVOA_Y

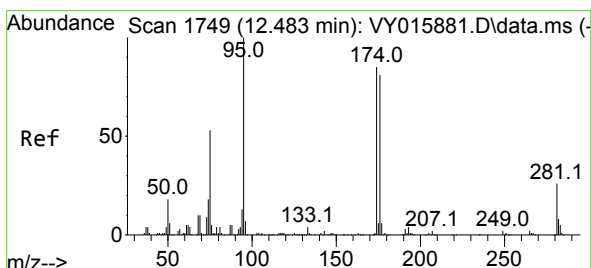
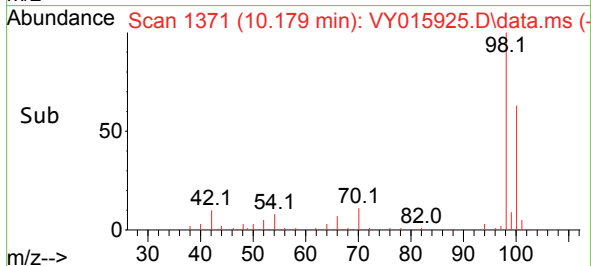
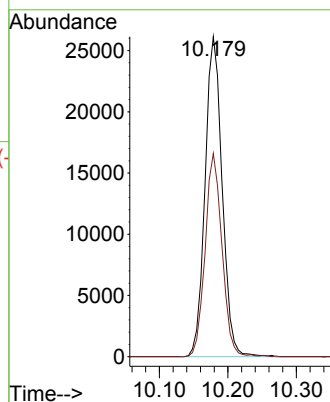
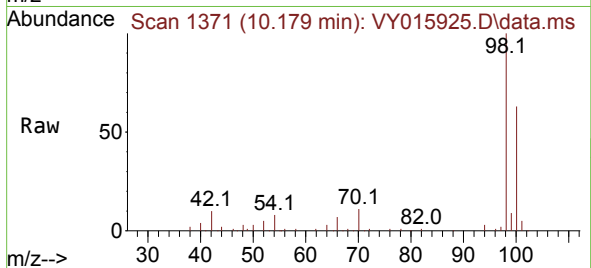
ClientSampleId :

Tgt Ion: 98 Resp: 45414

Ion Ratio Lower Upper

98 100

100 62.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 54.011 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY015925.D

Acq: 11 Oct 2023 15:45

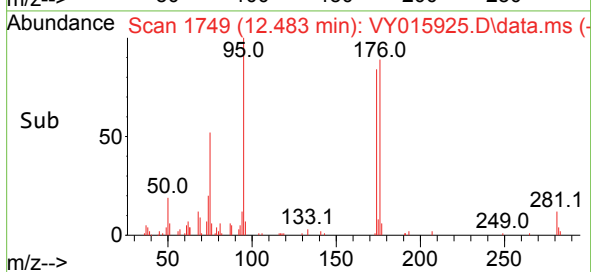
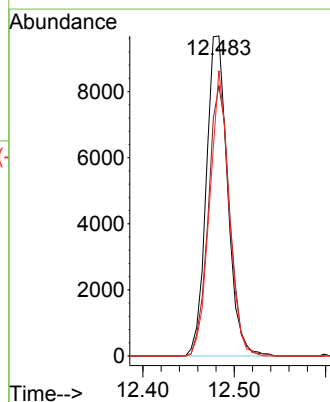
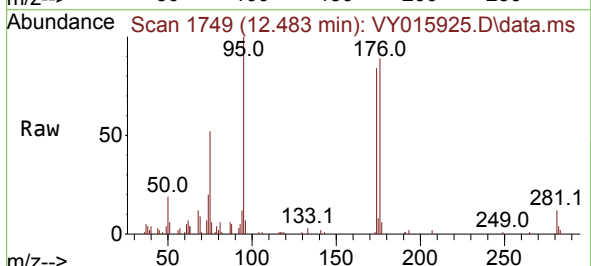
Tgt Ion: 95 Resp: 15646

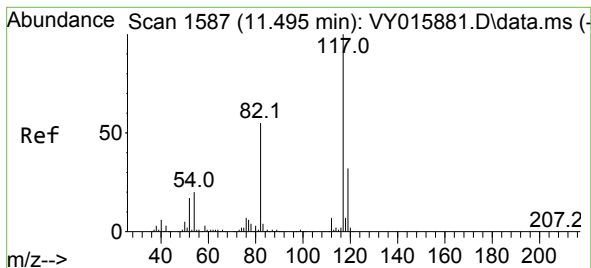
Ion Ratio Lower Upper

95 100

174 85.2 0.0 178.2

176 81.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.006 min

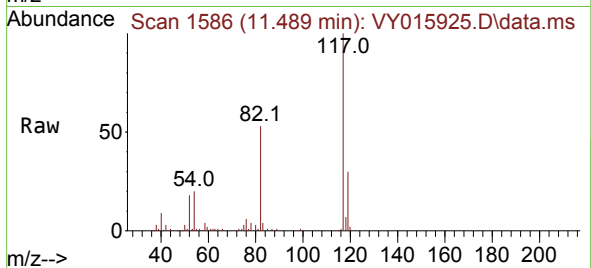
Lab File: VY015925.D

Acq: 11 Oct 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :



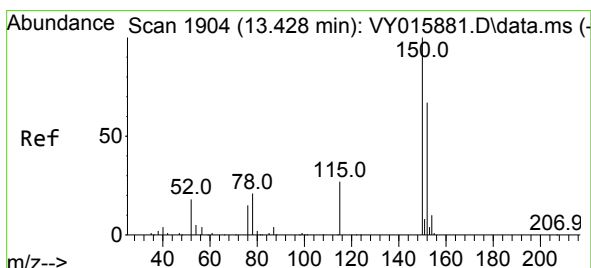
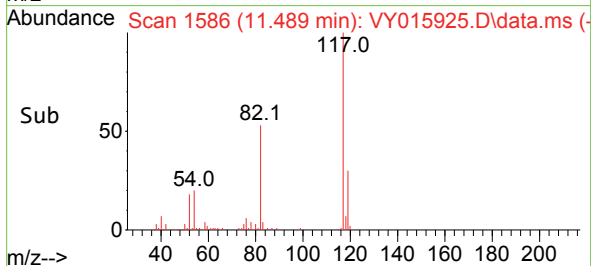
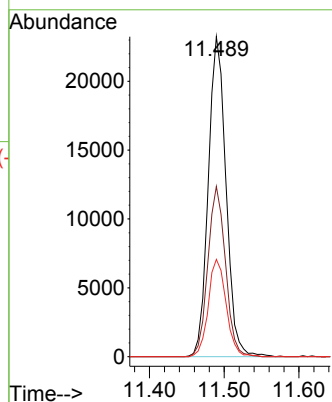
Tgt Ion:117 Resp: 38242

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 30.4 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: VY015925.D

Acq: 11 Oct 2023 15:45

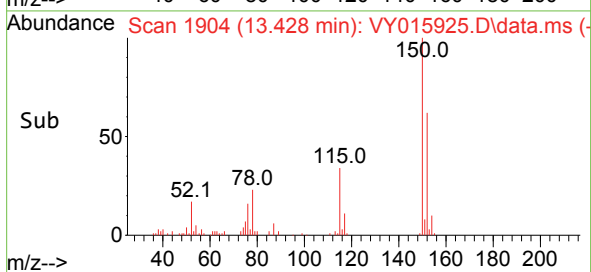
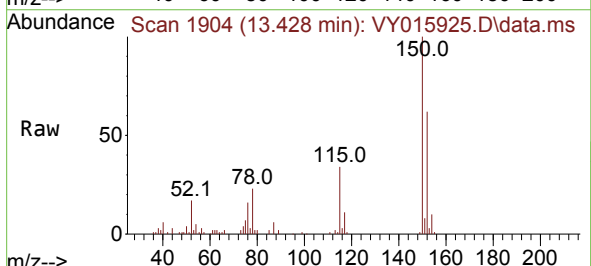
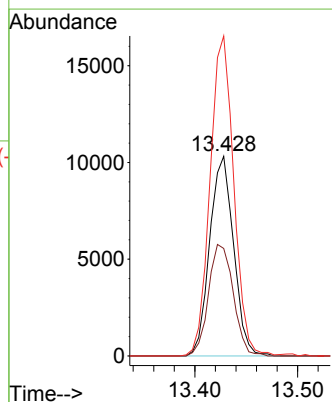
Tgt Ion:152 Resp: 16673

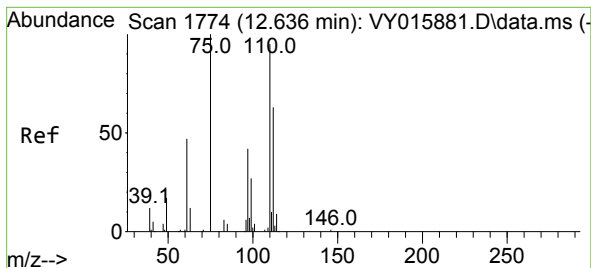
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 158.5 0.0 348.8

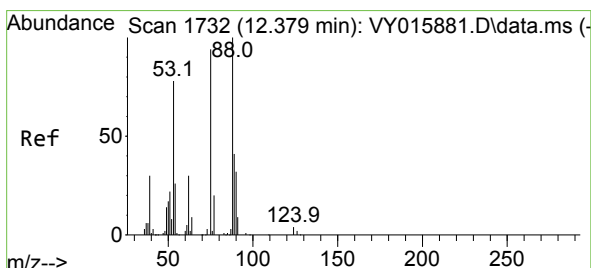
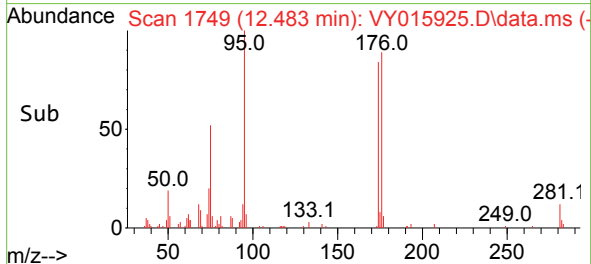
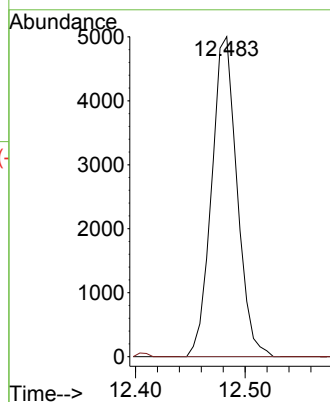
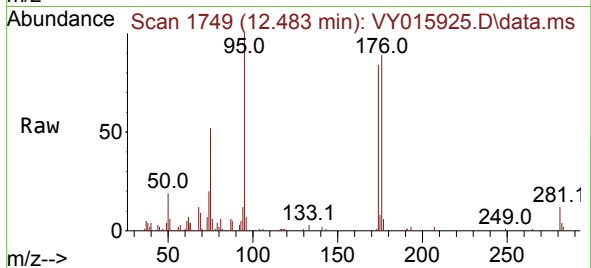




#76
1,2,3-Trichloropropane
Concen: 41.405 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY015925.D
Acq: 11 Oct 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 8059
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 91.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015925.D
Acq: 11 Oct 2023 15:45

Tgt Ion: 75 Resp: 8059
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

