

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015576.D
 Acq On : 15 Sep 2023 17:49
 Operator : SY/MD
 Sample : 04424-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 22:59:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

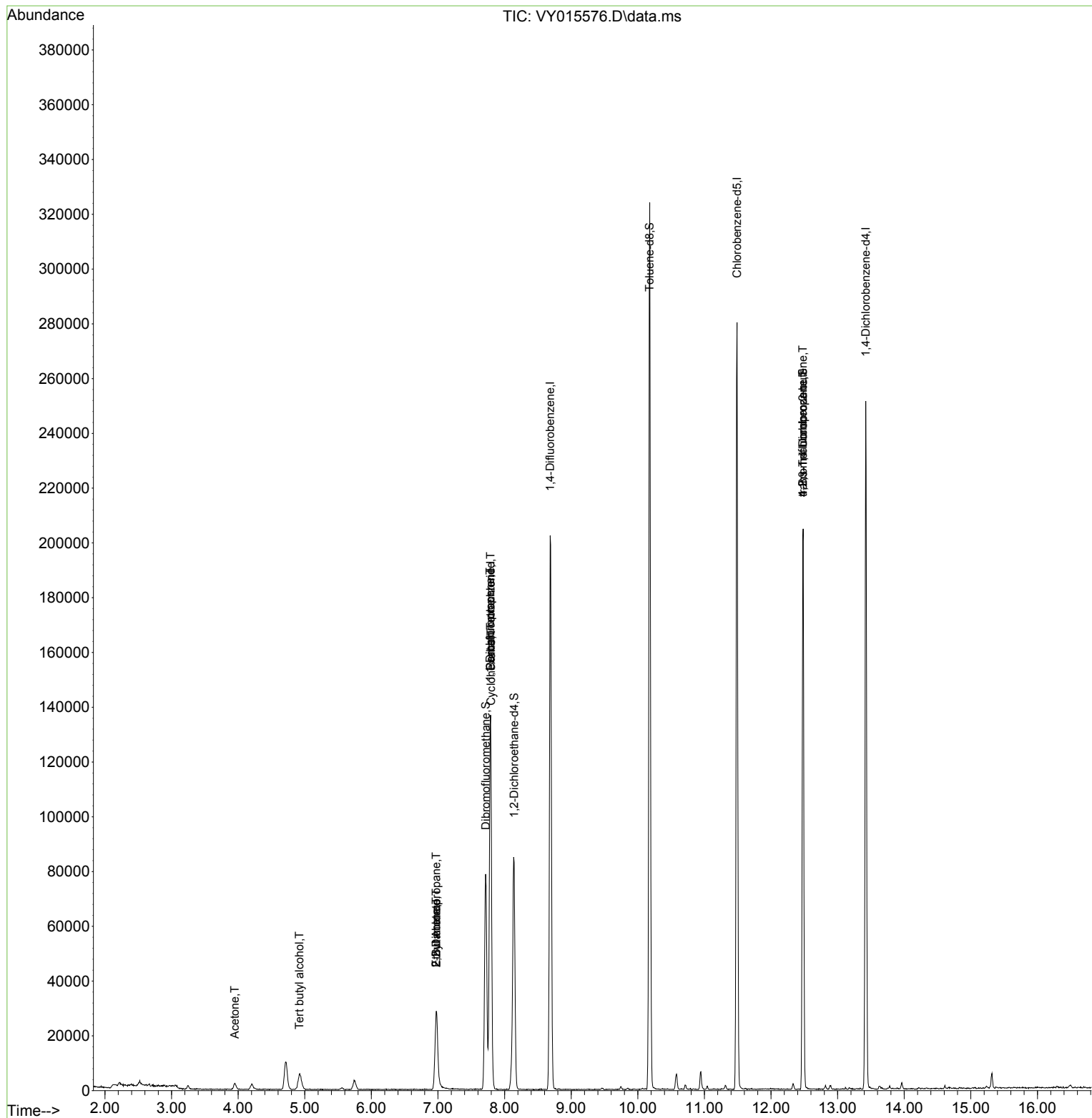
Internal Standards						
1) Pentafluorobenzene	7.789	168	109018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	176397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	152013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	63805	54.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.200%	
35) Dibromofluoromethane	7.715	113	55810	54.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.860%	
50) Toluene-d8	10.178	98	206380	56.091	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.180%	
62) 4-Bromofluorobenzene	12.477	95	61549	45.061	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	5845	6.187	ug/l #	89
16) Acetone	3.948	43	3796	7.782	ug/l	96
20) Methylene Chloride	4.716	84	8071	Below Cal	#	86
25) 2-Butanone	6.972	43	1626	2.350	ug/l #	49
26) 2,2-Dichloropropane	6.972	77	2234	1.206	ug/l #	54
31) Cyclohexane	7.795	56	2314	1.115	ug/l #	22
36) 1,1-Dichloropropene	7.783	75	8705	4.879	ug/l #	50
37) Ethyl Acetate	6.972	43	1626	1.182	ug/l #	1
38) Carbon Tetrachloride	7.789	117	10448	5.670	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	33041	38.809	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33041	85.609	ug/l #	11

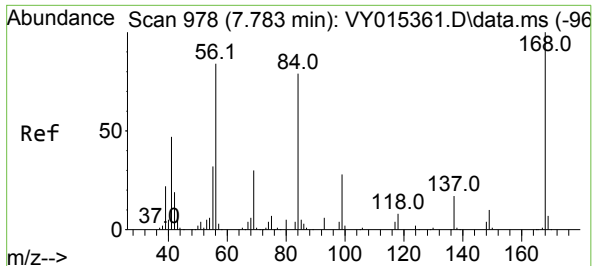
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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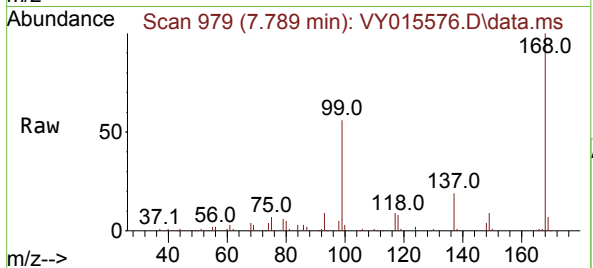
Quant Time: Sep 15 22:59:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



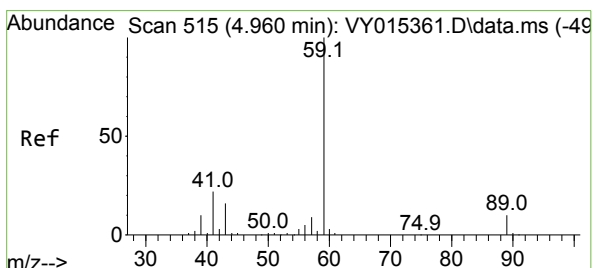
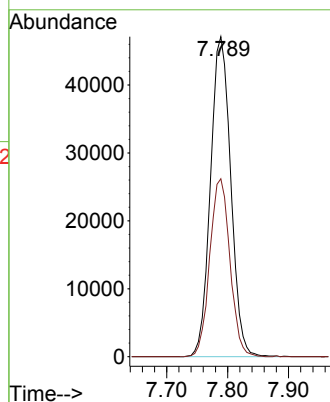
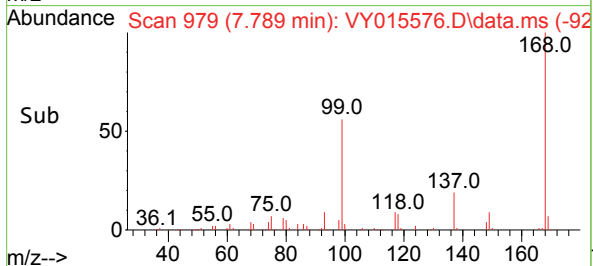


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

Instrument :
MSVOA_Y
ClientSampleId :

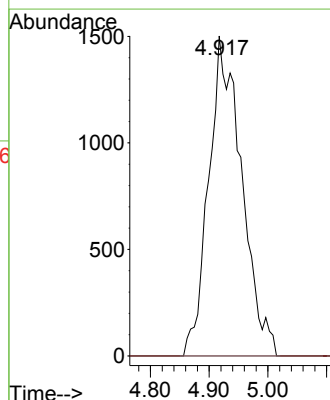
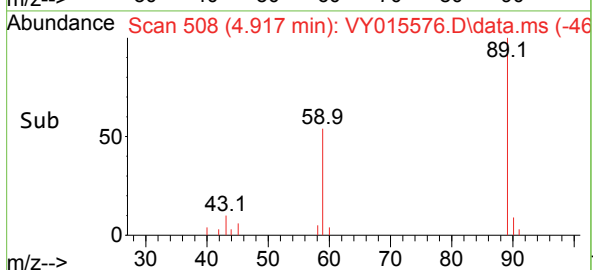
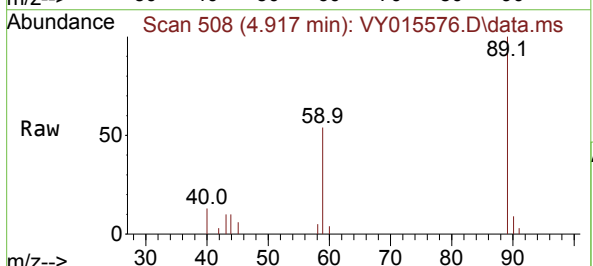


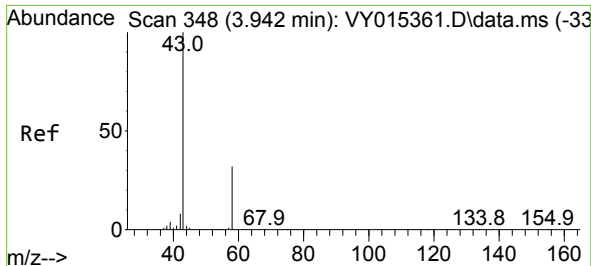
Tgt Ion:168 Resp: 109018
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 6.187 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

Tgt Ion: 59 Resp: 5845
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

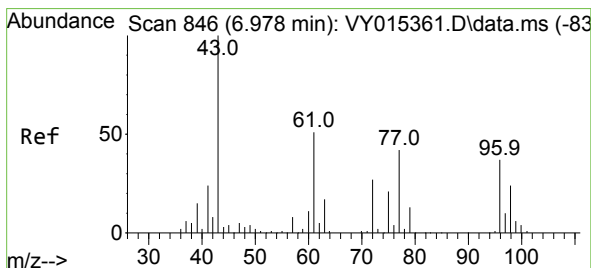
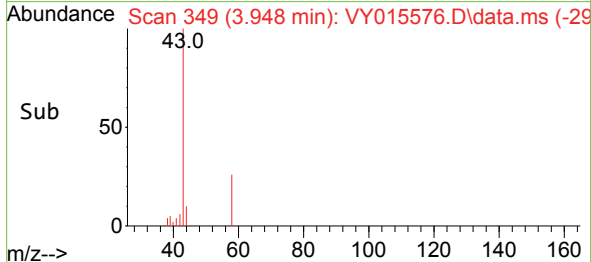
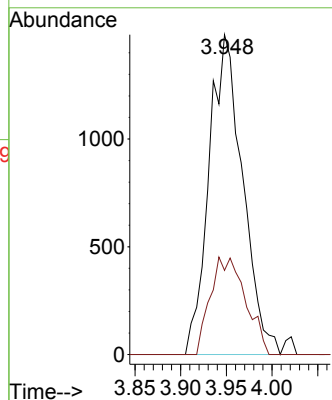
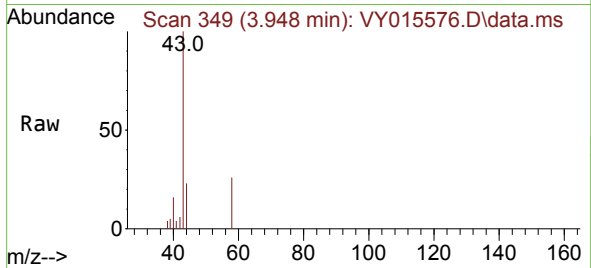




#16
Acetone
Concen: 7.782 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

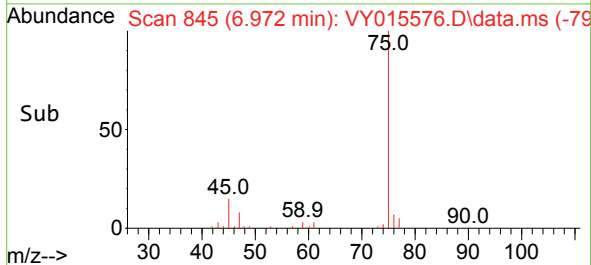
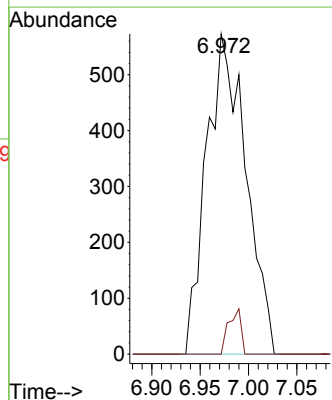
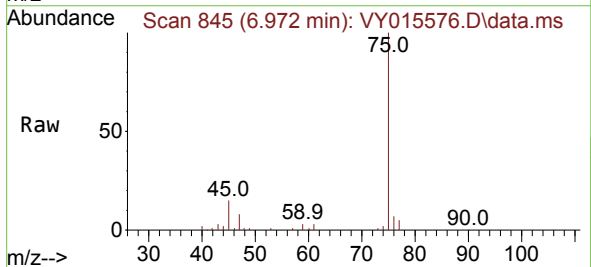
Instrument :
MSVOA_Y
ClientSampleId :

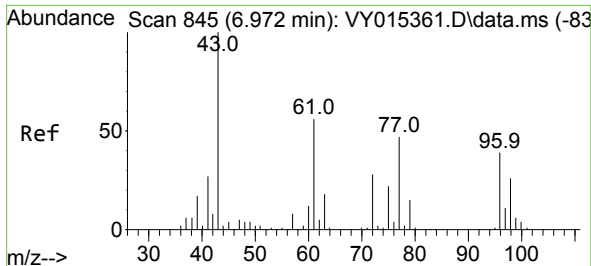
Tgt Ion: 43 Resp: 3796
Ion Ratio Lower Upper
43 100
58 26.3 22.7 34.1



#25
2-Butanone
Concen: 2.350 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

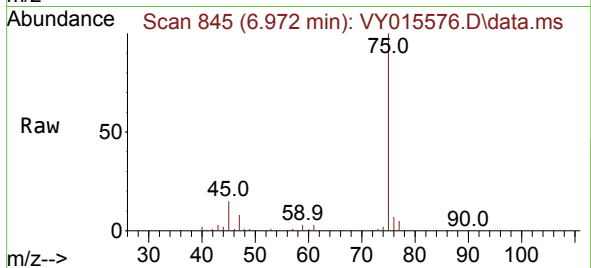
Tgt Ion: 43 Resp: 1626
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



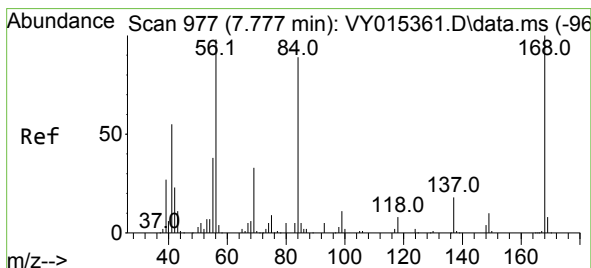
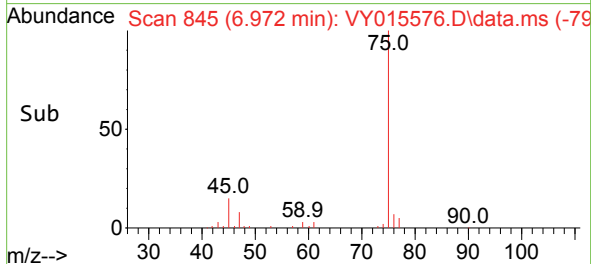
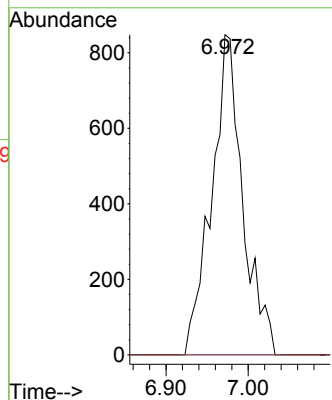


#26
2,2-Dichloropropane
Concen: 1.206 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

Instrument :
MSVOA_Y
ClientSampleId :

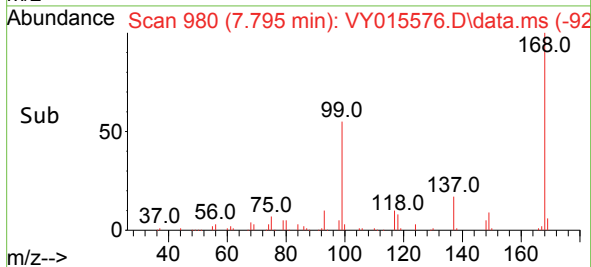
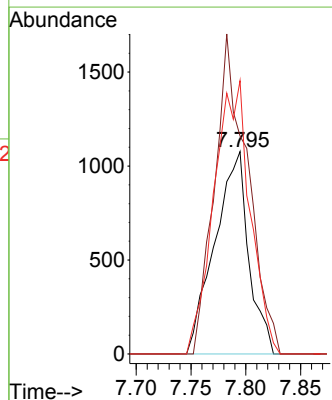
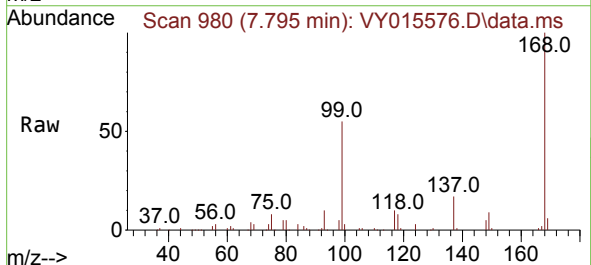


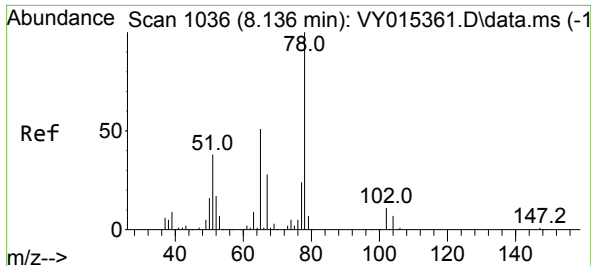
Tgt Ion: 77 Resp: 2234
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

Tgt Ion: 56 Resp: 2314
Ion Ratio Lower Upper
56 100
69 107.7 27.8 41.6#
84 135.0 66.4 99.6#

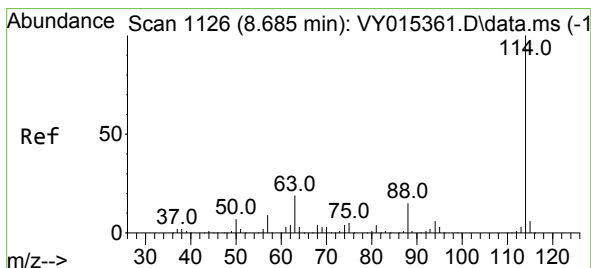
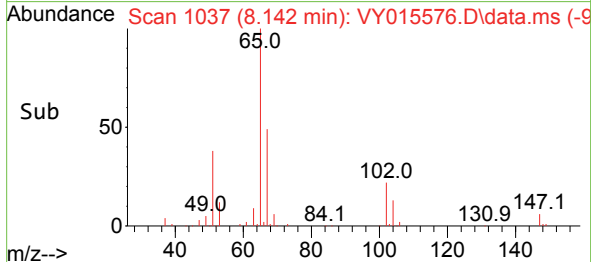
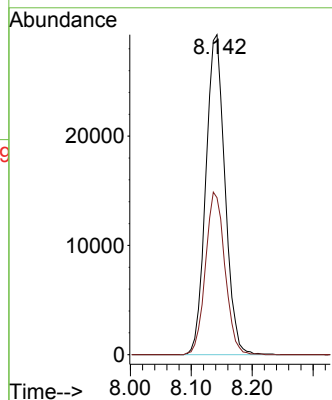
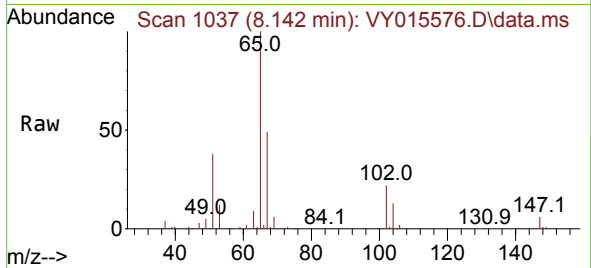




#33
 1,2-Dichloroethane-d4
 Concen: 54.597 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY015576.D
 Acq: 15 Sep 2023 17:49

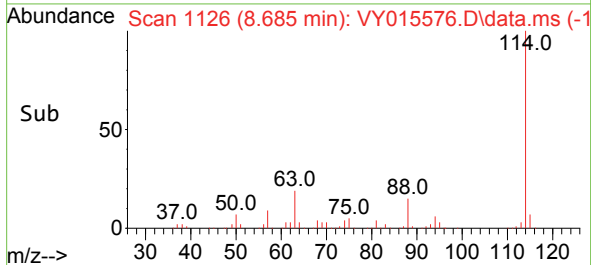
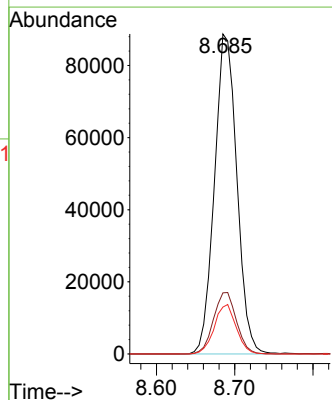
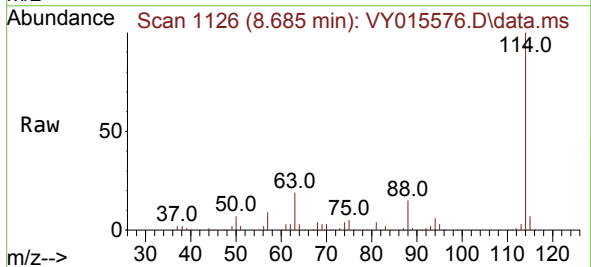
Instrument :
 MSVOA_Y
 ClientSampleId :

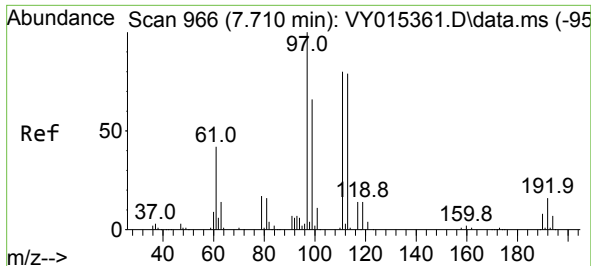
Tgt Ion: 65 Resp: 63805
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY015576.D
 Acq: 15 Sep 2023 17:49

Tgt Ion: 114 Resp: 176397
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 14.7 0.0 30.6

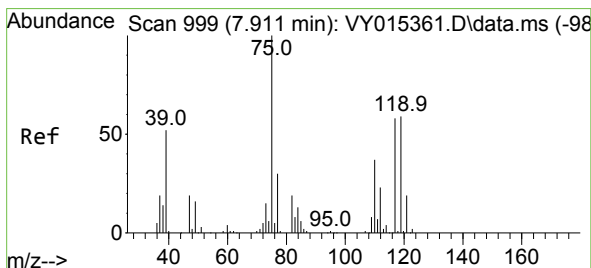
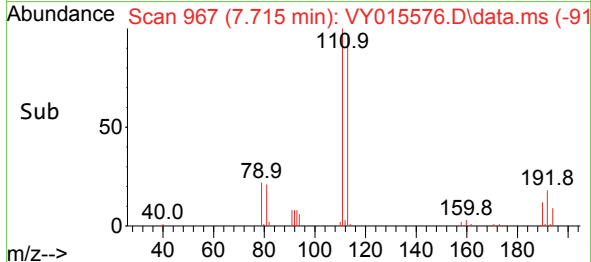
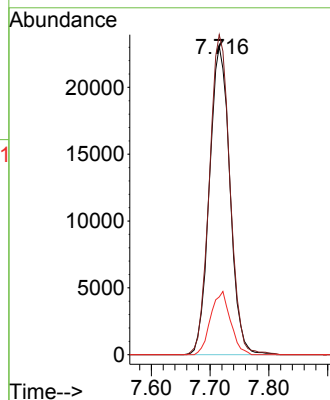
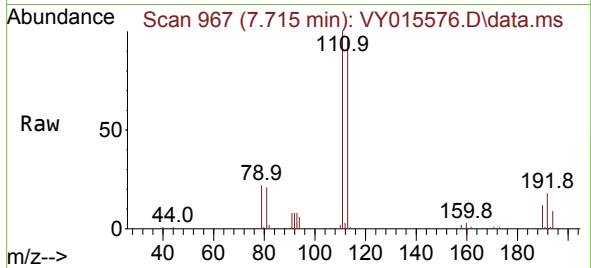




#35
Dibromofluoromethane
Concen: 54.931 ug/l
RT: 7.715 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

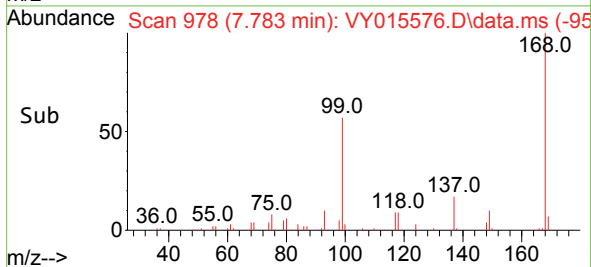
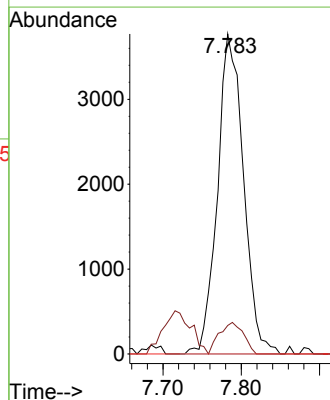
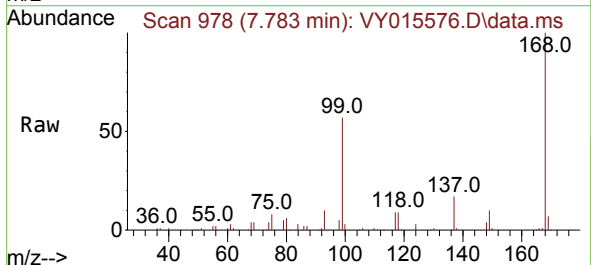
Instrument :
MSVOA_Y
ClientSampleId :

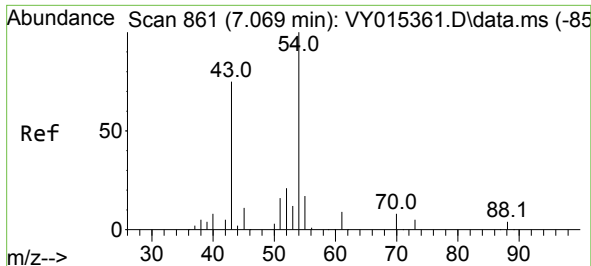
Tgt Ion:113 Resp: 55810
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.879 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

Tgt Ion: 75 Resp: 8705
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.182 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.092 min

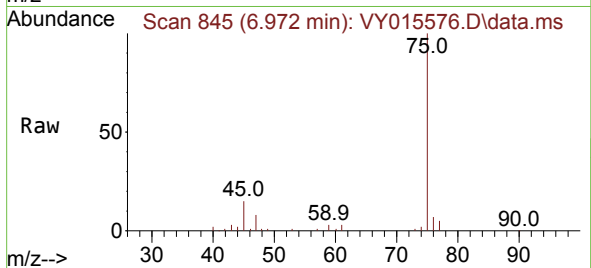
Lab File: VY015576.D

Acq: 15 Sep 2023 17:49

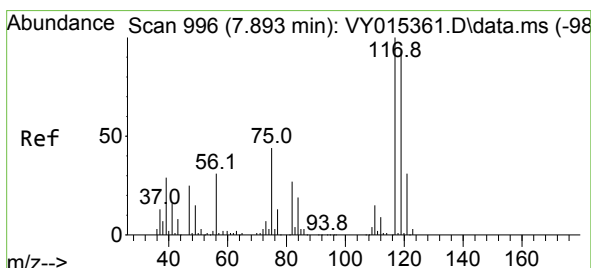
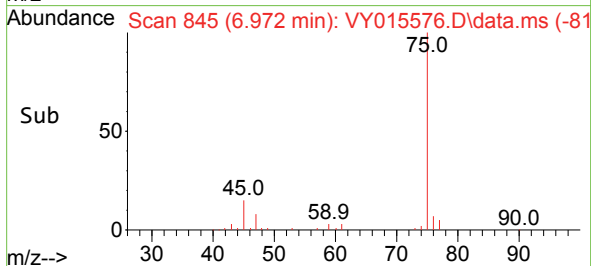
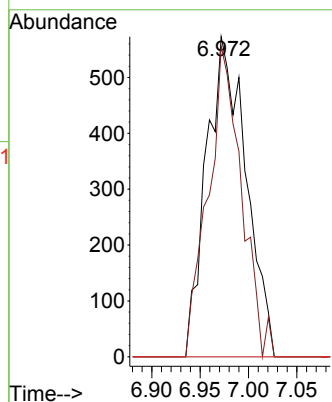
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	1626
Ion	Ratio	Lower	Upper
43	100		
61	82.1	10.1	15.1#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.670 ug/l

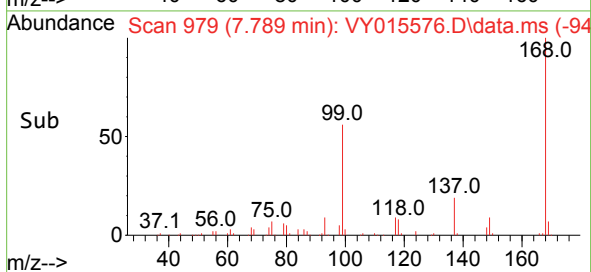
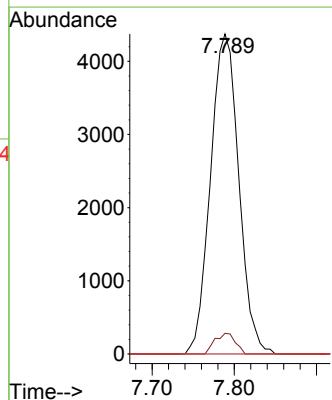
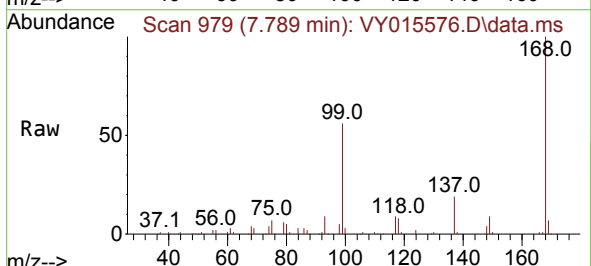
RT: 7.789 min Scan# 979

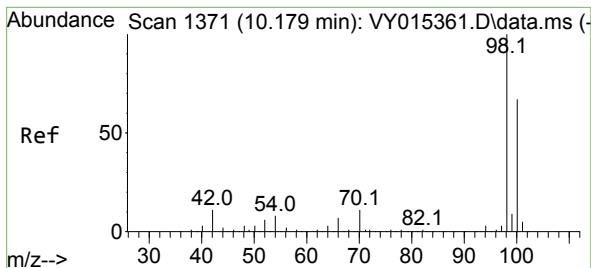
Delta R.T. -0.104 min

Lab File: VY015576.D

Acq: 15 Sep 2023 17:49

Tgt Ion:	117	Resp:	10448
Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.4	114.6#
121	0.0	25.8	38.6#





#50

Toluene-d8

Concen: 56.091 ug/l

RT: 10.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015576.D

Acq: 15 Sep 2023 17:49

Instrument :

MSVOA_Y

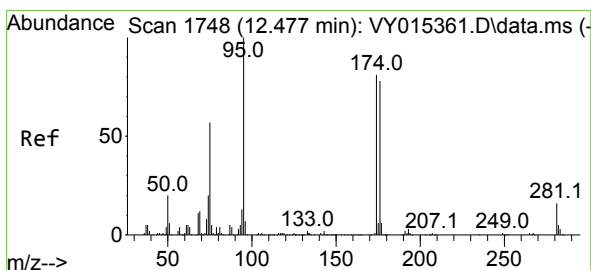
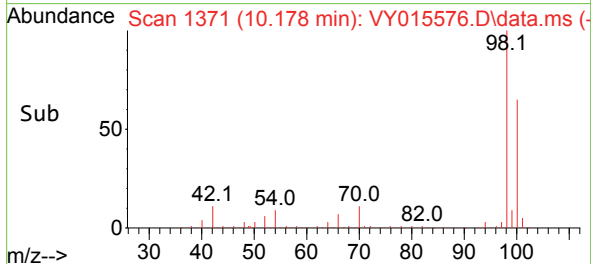
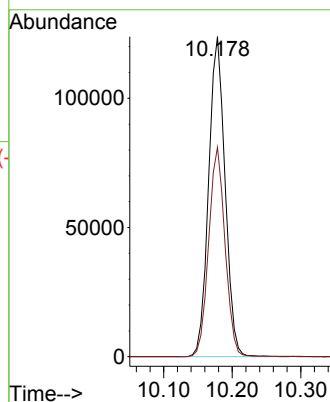
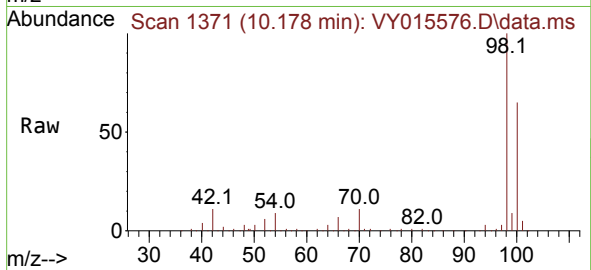
ClientSampleId :

Tgt Ion: 98 Resp: 206380

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 45.061 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY015576.D

Acq: 15 Sep 2023 17:49

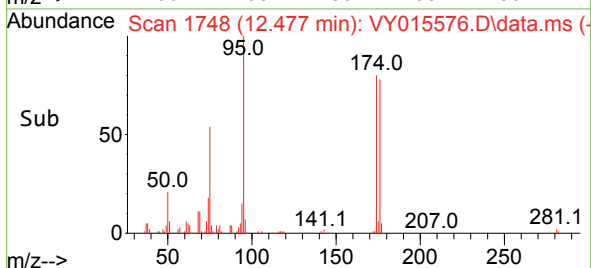
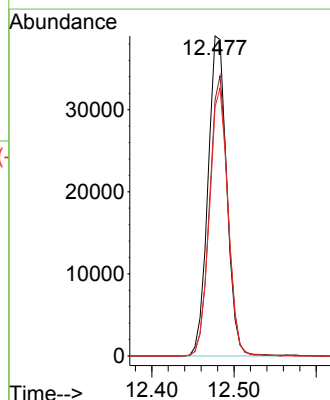
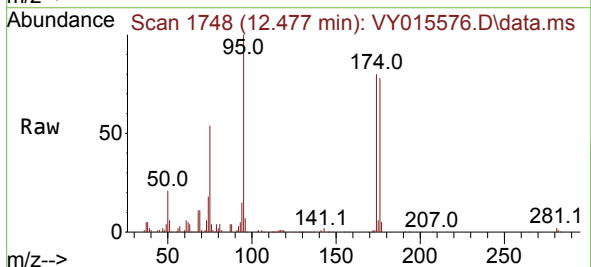
Tgt Ion: 95 Resp: 61549

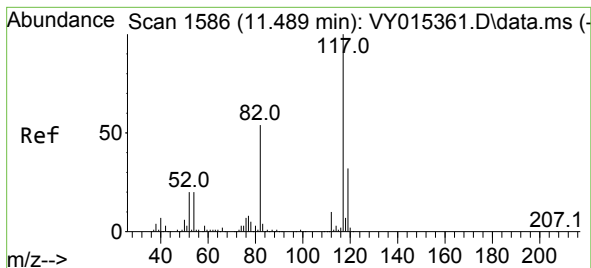
Ion Ratio Lower Upper

95 100

174 85.5 0.0 178.2

176 83.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015576.D

Acq: 15 Sep 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

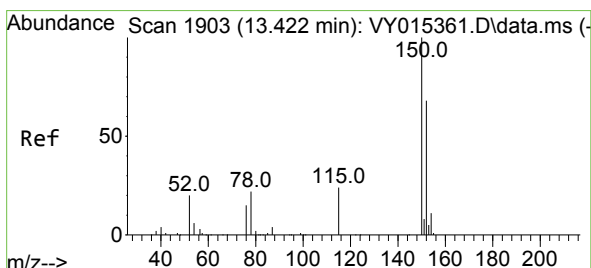
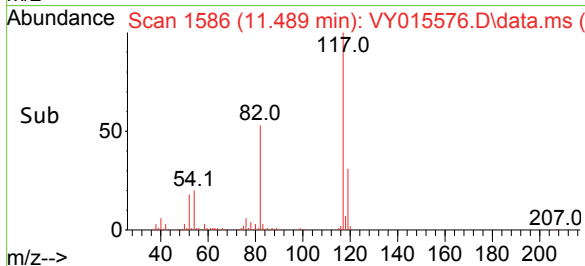
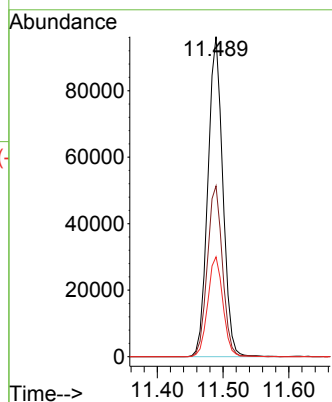
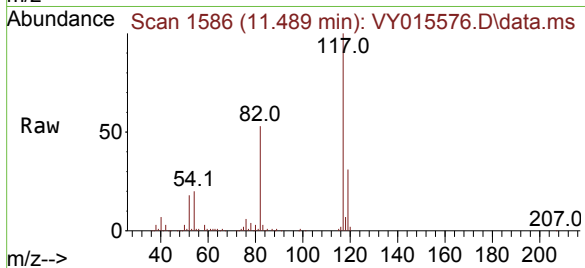
Tgt Ion:117 Resp: 152013

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 31.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015576.D

Acq: 15 Sep 2023 17:49

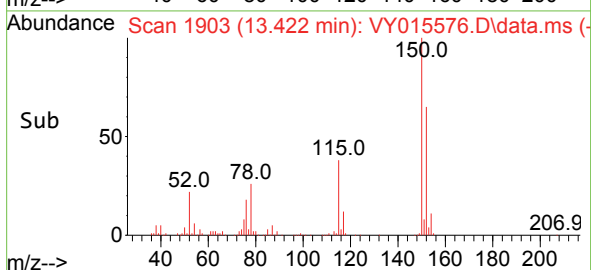
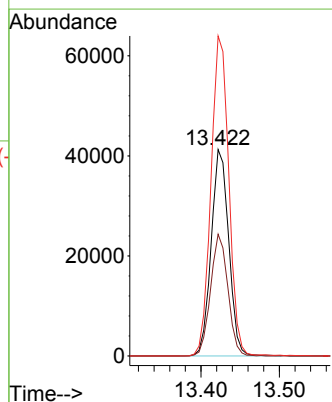
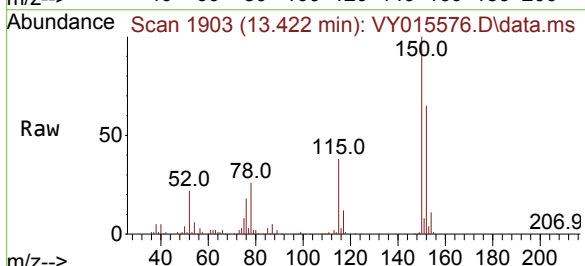
Tgt Ion:152 Resp: 64201

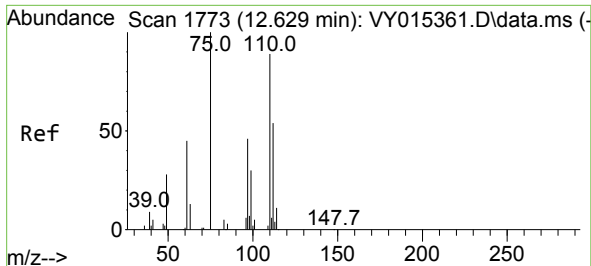
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.4 0.0 348.8

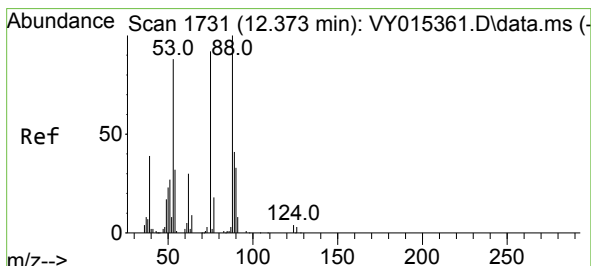
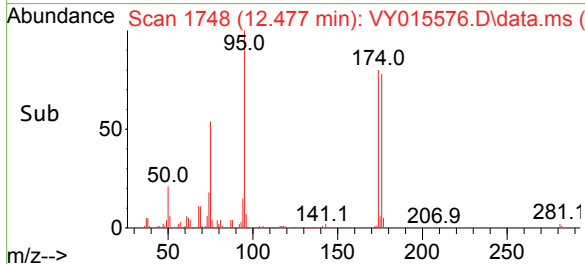
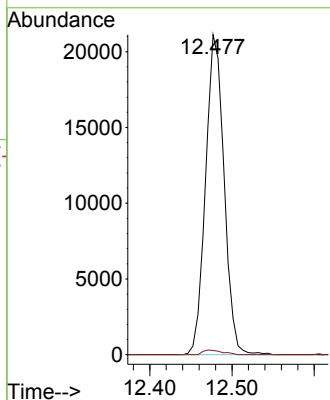
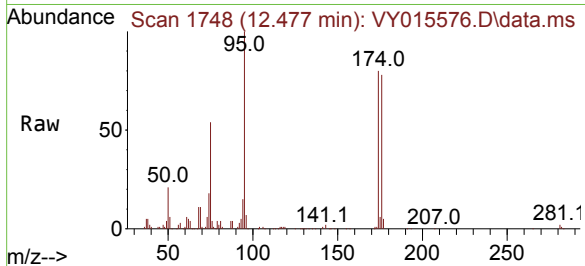




#76
1,2,3-Trichloropropane
Concen: 38.809 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33041
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.609 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

Tgt Ion: 75 Resp: 33041
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

