

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014759.D
 Acq On : 21 Jul 2023 20:04
 Operator : SY/MD
 Sample : 03685-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24152

Quant Time: Jul 22 05:42:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

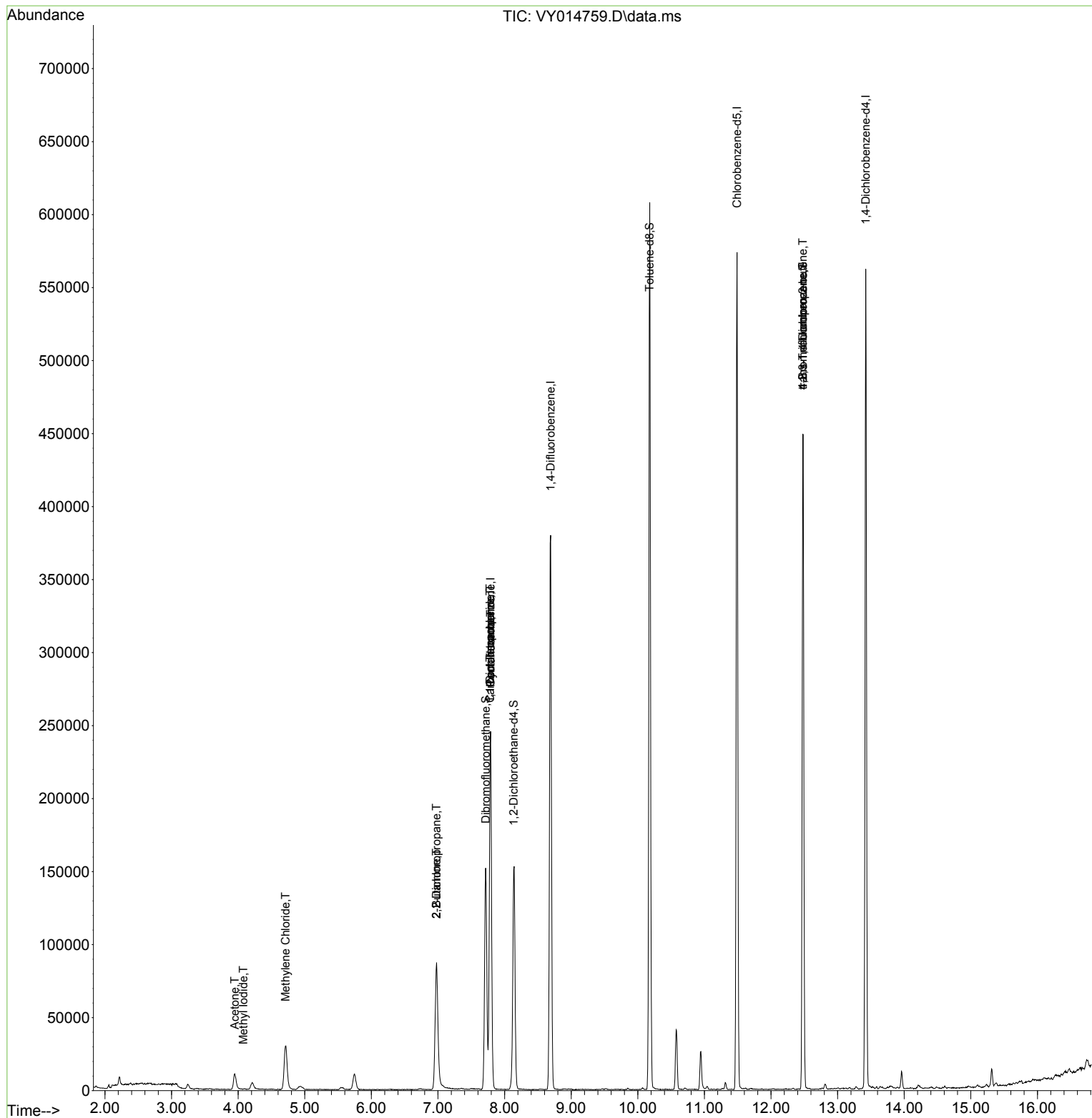
Internal Standards						
1) Pentafluorobenzene	7.789	168	191571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	332232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119534	54.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.520%	
35) Dibromofluoromethane	7.716	113	107767	50.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.920%	
50) Toluene-d8	10.179	98	392229	50.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.477	95	142814	47.768	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.540%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.076	142	68	2.400	ug/l #	38
11) Tert butyl alcohol	4.936	59	3818	Below Cal	#	97
16) Acetone	3.948	43	19731	28.522	ug/l #	84
20) Methylene Chloride	4.710	84	23425	6.773	ug/l	93
25) 2-Butanone	6.978	43	5709	5.641	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	6265	1.687	ug/l #	54
31) Cyclohexane	7.789	56	4117	1.136	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14725	4.656	ug/l #	50
38) Carbon Tetrachloride	7.783	117	18825	5.631	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	75744	41.824	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75744	80.979	ug/l #	11

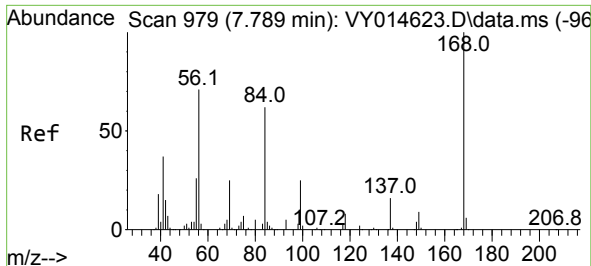
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
Data File : VY014759.D
Acq On : 21 Jul 2023 20:04
Operator : SY/MD
Sample : 03685-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24152

Quant Time: Jul 22 05:42:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

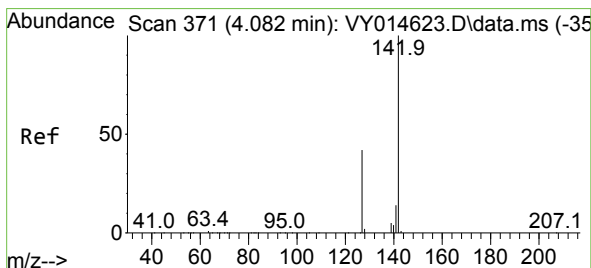
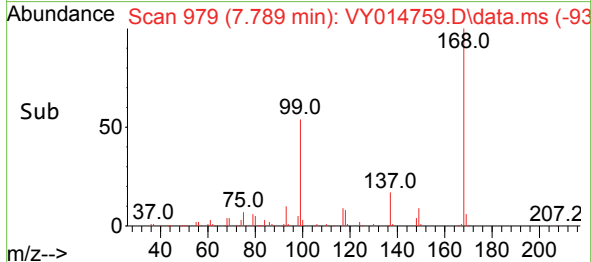
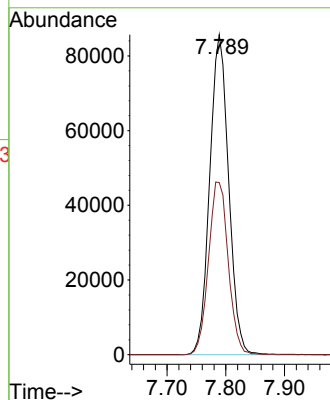
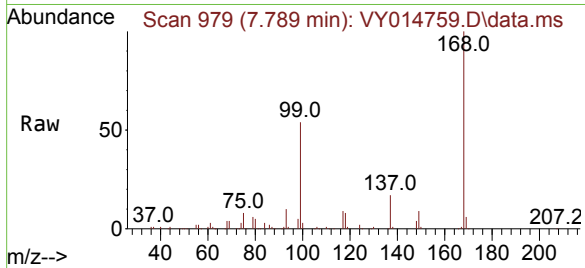




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

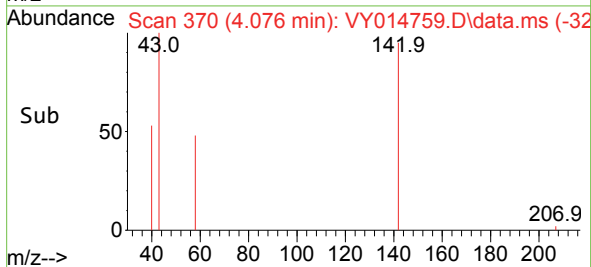
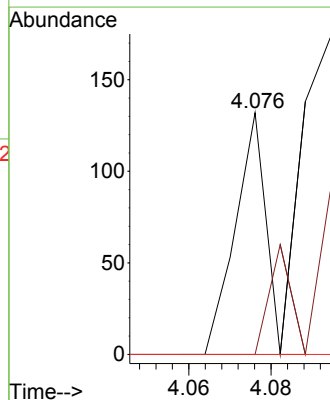
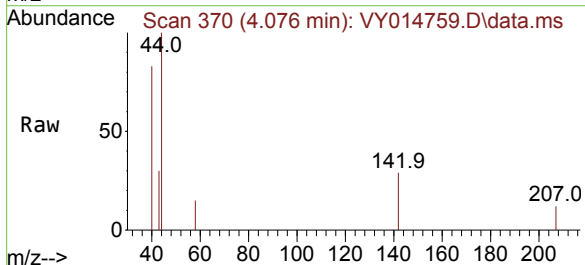
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24152

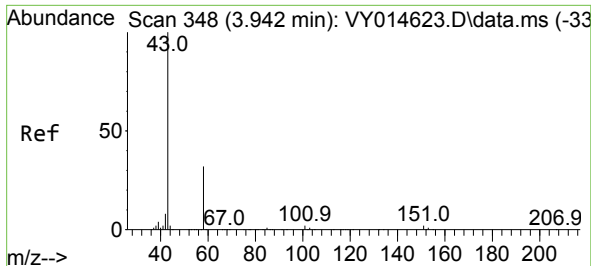
Tgt Ion:168 Resp: 191571
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#10
Methyl Iodide
Concen: 2.400 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

Tgt Ion:142 Resp: 68
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 28.522 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY014759.D

Acq: 21 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

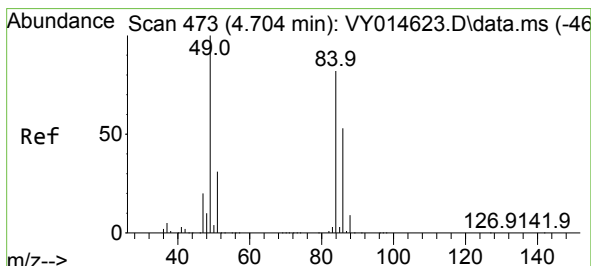
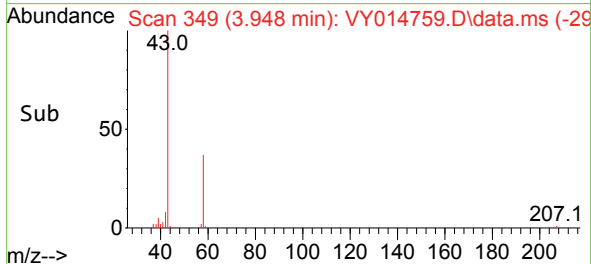
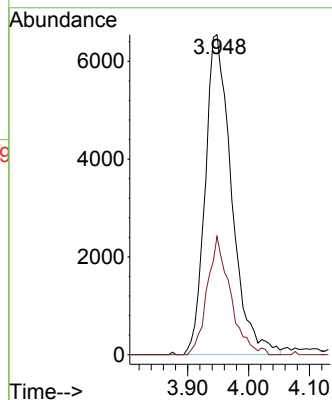
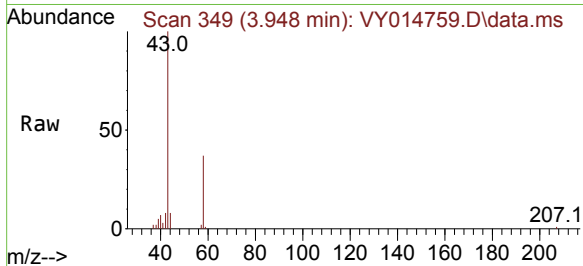
CHRT-24152

Tgt Ion: 43 Resp: 19731

Ion Ratio Lower Upper

43 100

58 37.0 22.7 34.1#



#20

Methylene Chloride

Concen: 6.773 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY014759.D

Acq: 21 Jul 2023 20:04

Tgt Ion: 84 Resp: 23425

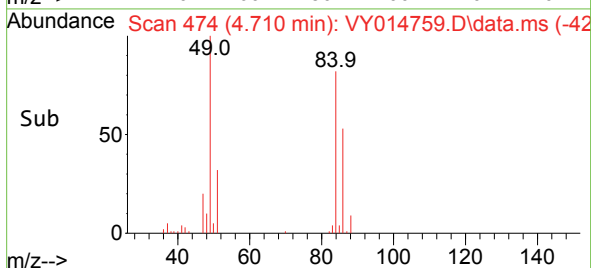
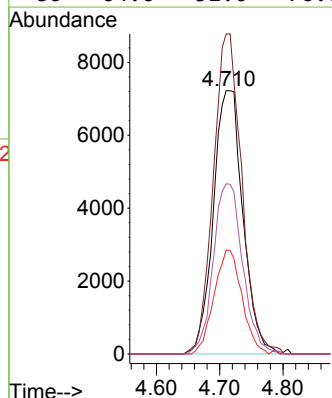
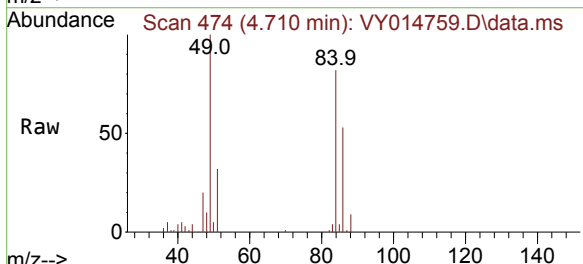
Ion Ratio Lower Upper

84 100

49 121.5 106.9 160.3

51 39.5 33.2 49.8

86 64.6 51.0 76.6

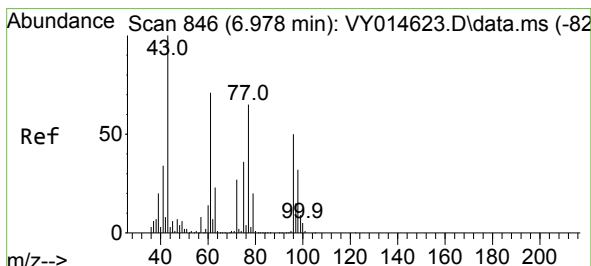
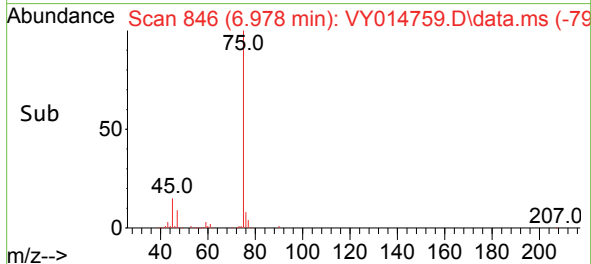
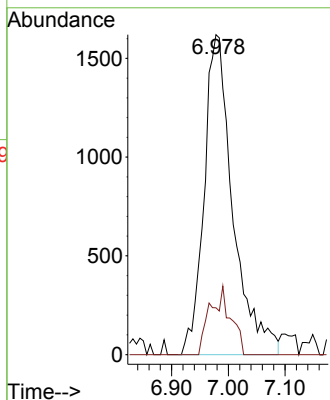
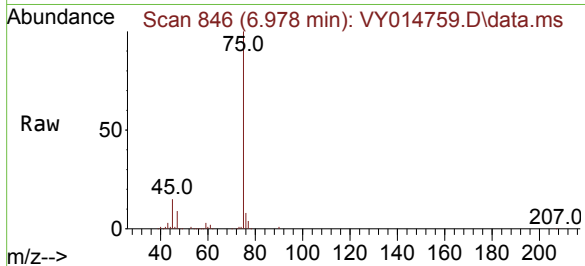




#25
2-Butanone
Concen: 5.641 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

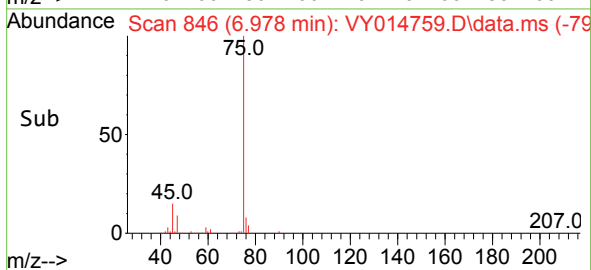
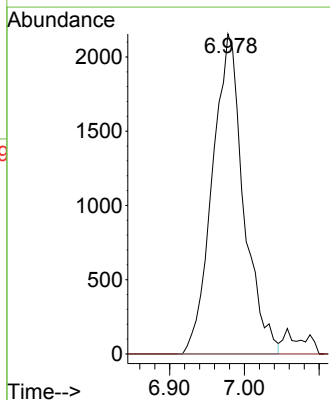
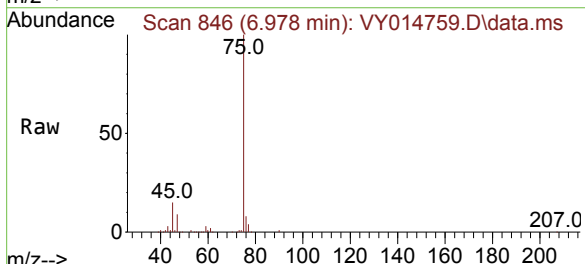
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24152

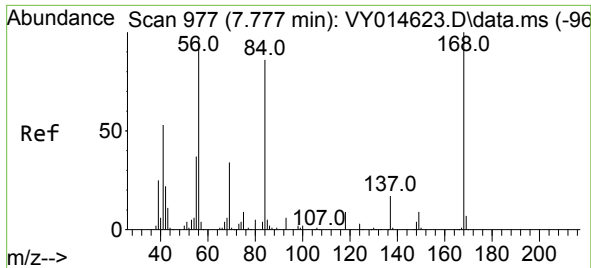
Tgt Ion: 43 Resp: 5709
Ion Ratio Lower Upper
43 100
72 14.6 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.687 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

Tgt Ion: 77 Resp: 6265
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

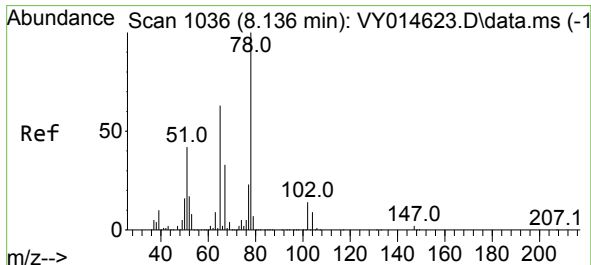
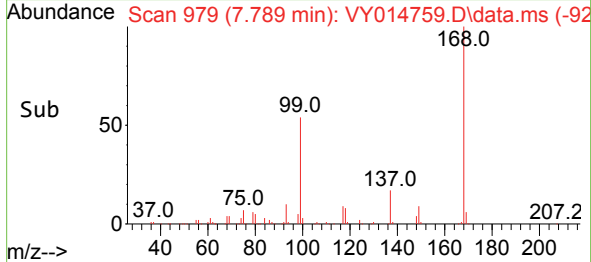
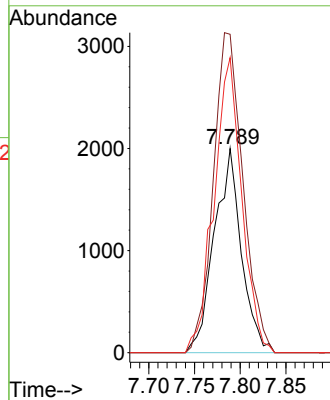
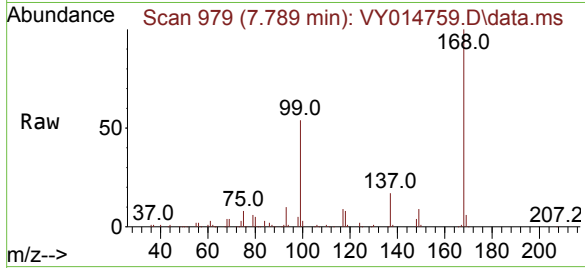




#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

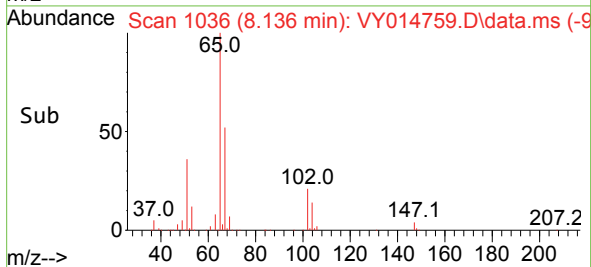
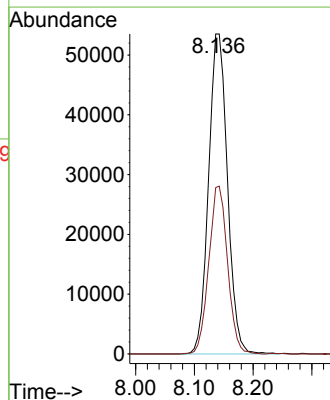
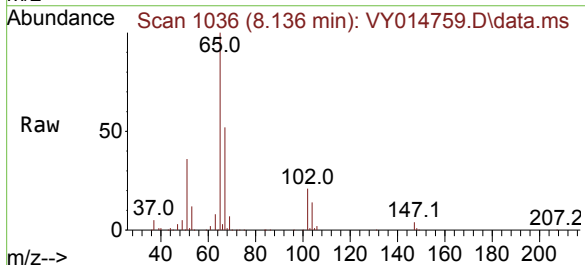
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24152

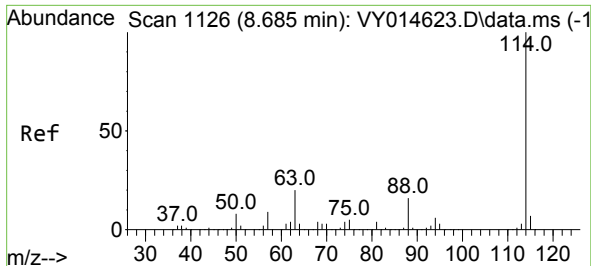
Tgt Ion: 56 Resp: 4117
Ion Ratio Lower Upper
56 100
69 156.0 27.8 41.6#
84 144.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.756 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

Tgt Ion: 65 Resp: 119534
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8

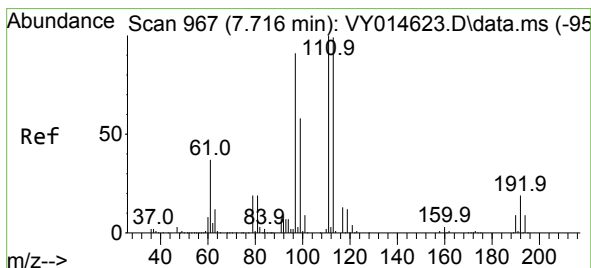
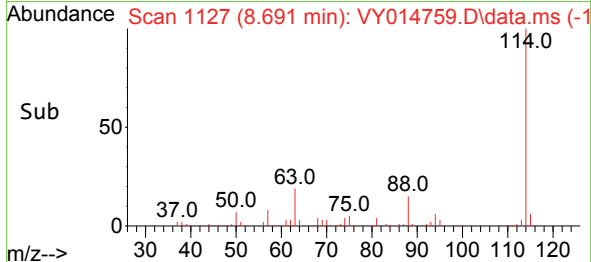
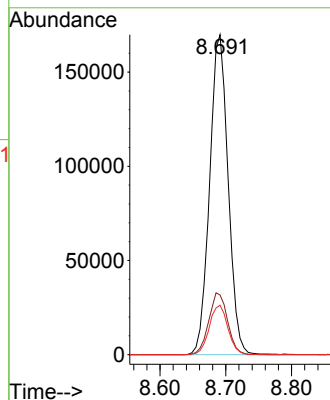
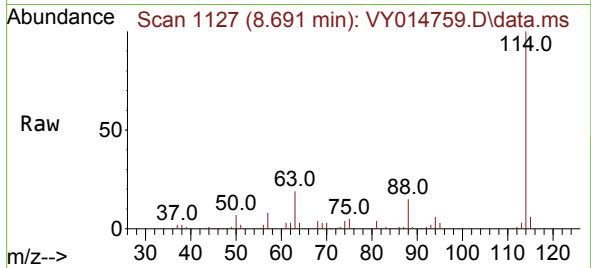




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

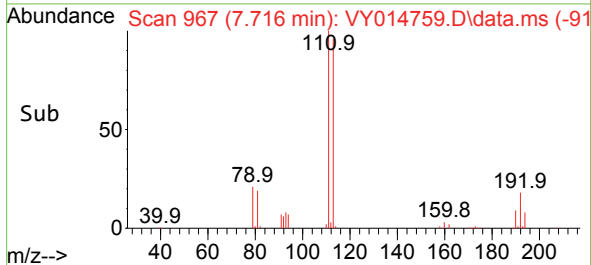
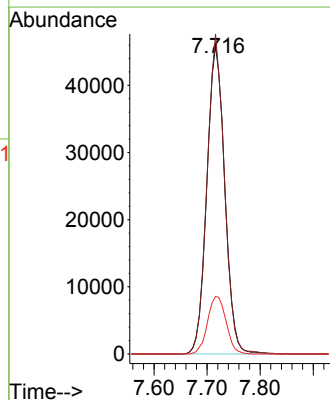
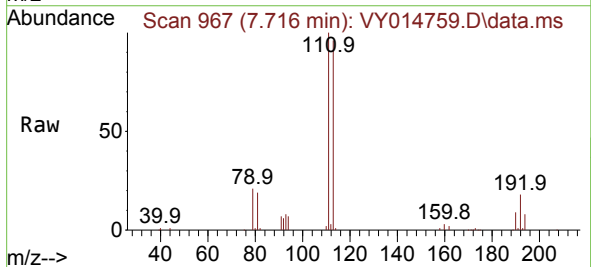
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24152

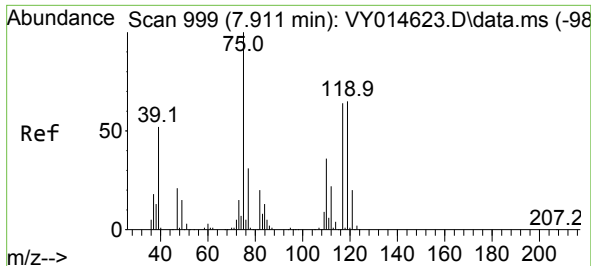
Tgt Ion:114 Resp: 332232
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.956 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

Tgt Ion:113 Resp: 107767
Ion Ratio Lower Upper
113 100
111 100.7 81.3 121.9
192 19.3 16.9 25.3

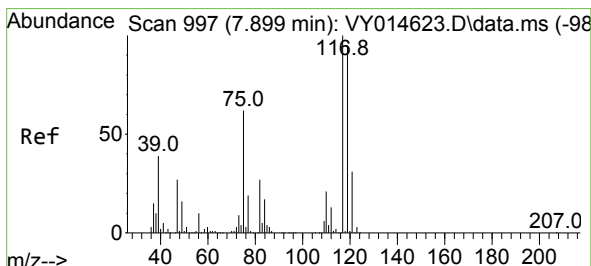
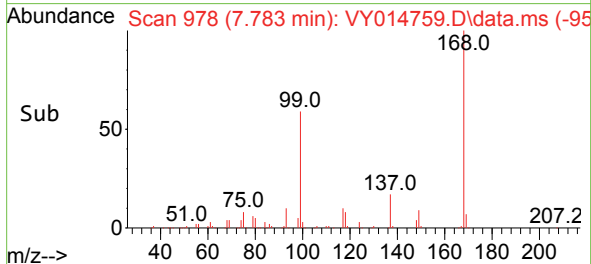
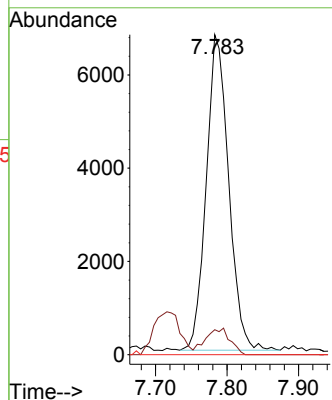
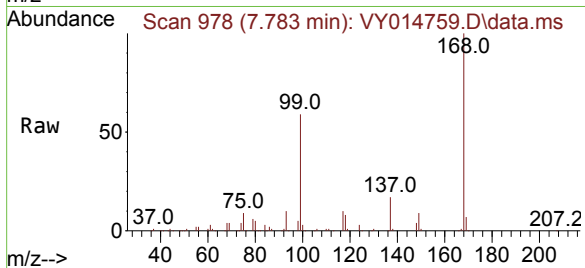




#36
1,1-Dichloropropene
Concen: 4.656 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

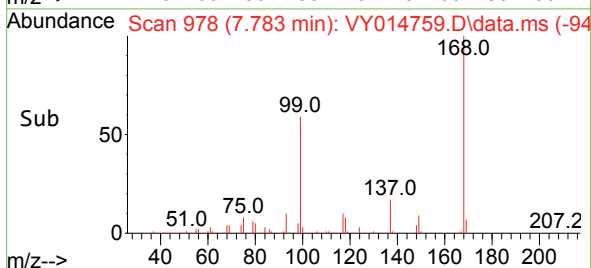
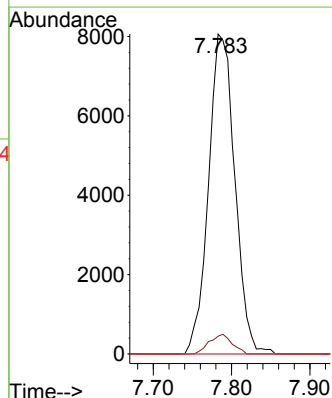
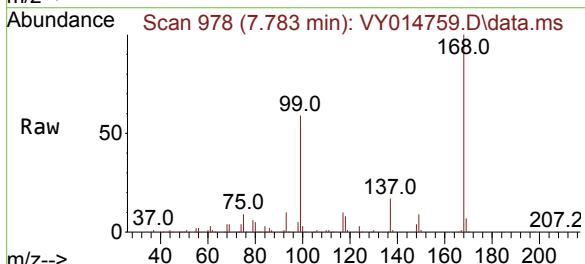
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24152

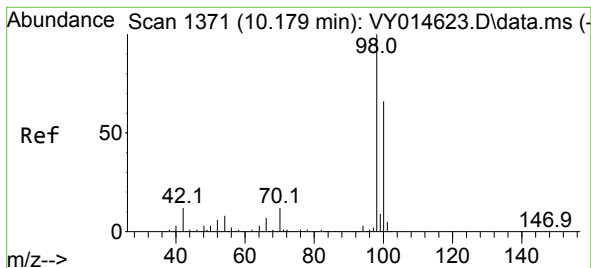
Tgt Ion: 75 Resp: 14725
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.631 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

Tgt Ion: 117 Resp: 18825
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#

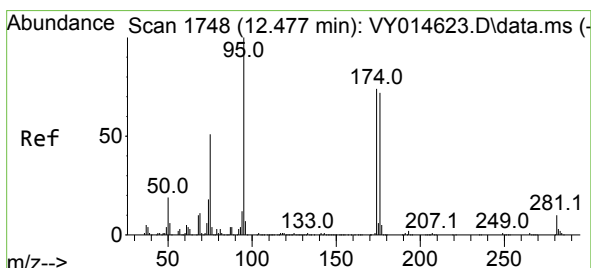
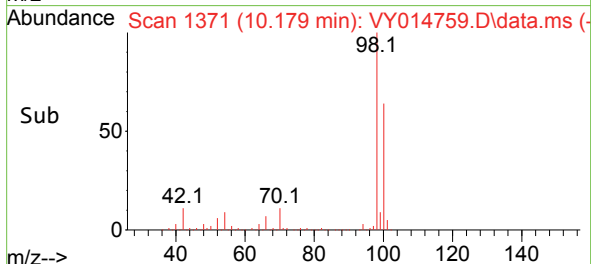
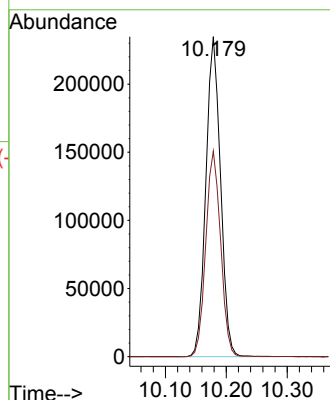
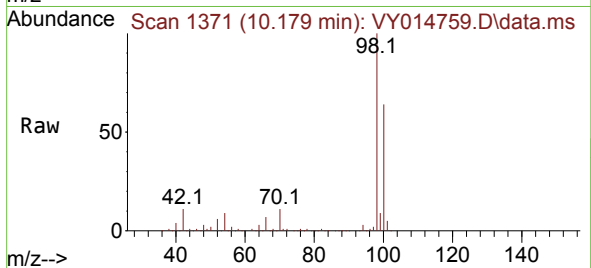




#50
Toluene-d8
Concen: 50.304 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

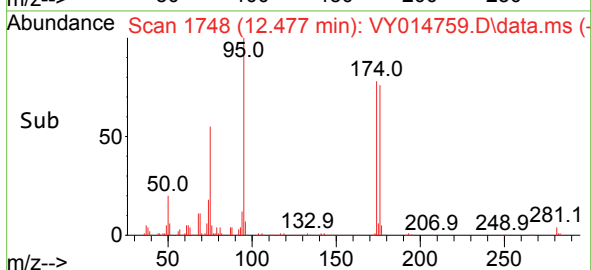
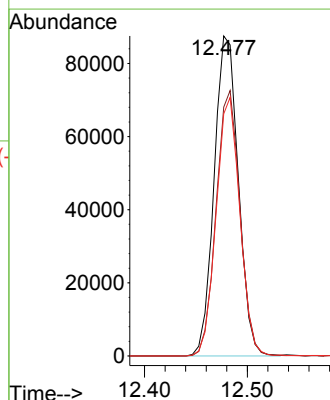
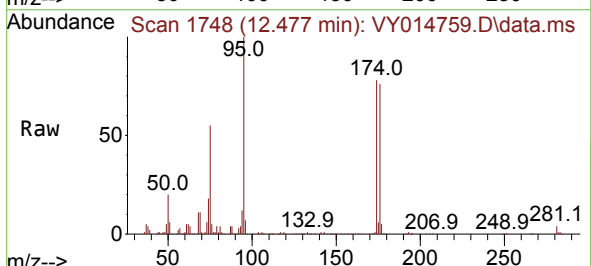
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24152

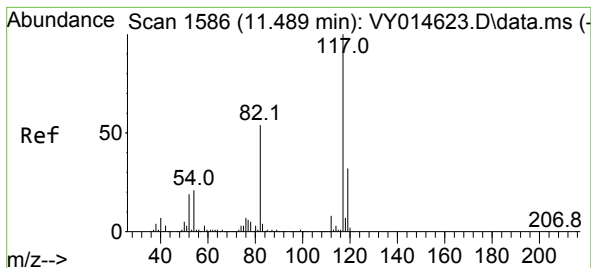
Tgt Ion: 98 Resp: 392229
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.768 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

Tgt Ion: 95 Resp: 142814
Ion Ratio Lower Upper
95 100
174 81.6 0.0 178.2
176 79.2 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: VY014759.D

Acq: 21 Jul 2023 20:04

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-24152

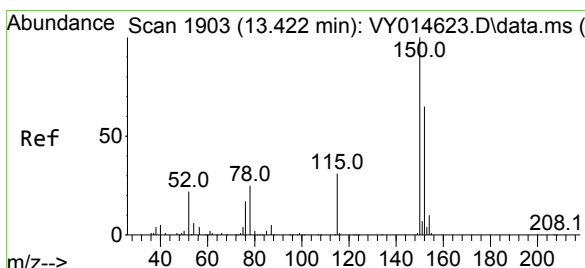
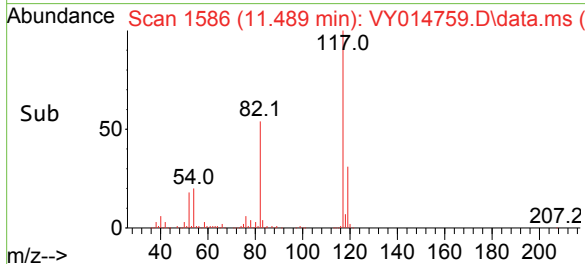
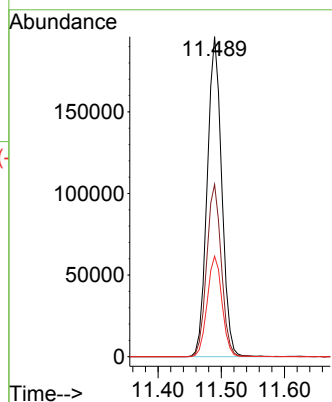
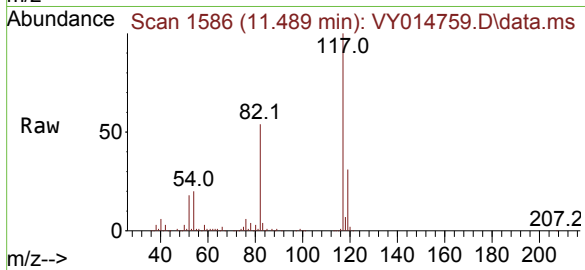
Tgt Ion:117 Resp: 313158

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 31.4 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: VY014759.D

Acq: 21 Jul 2023 20:04

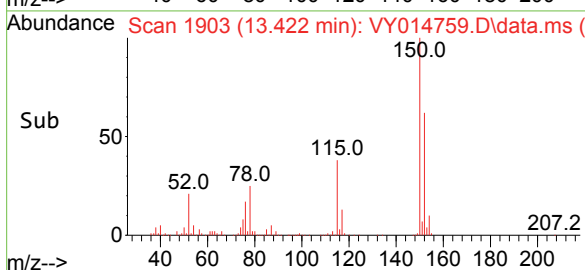
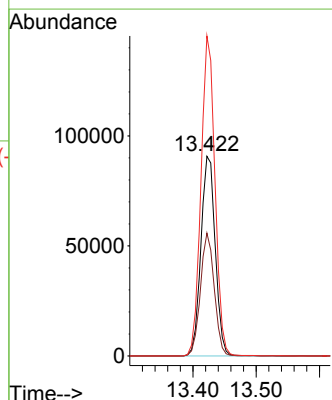
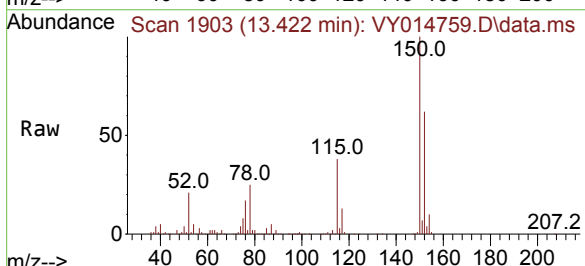
Tgt Ion:152 Resp: 143392

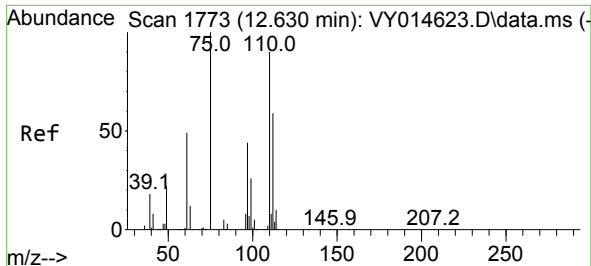
Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 156.4 0.0 348.8

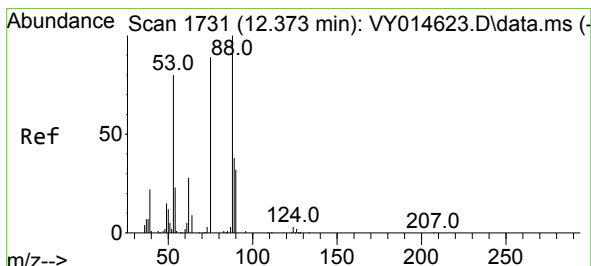
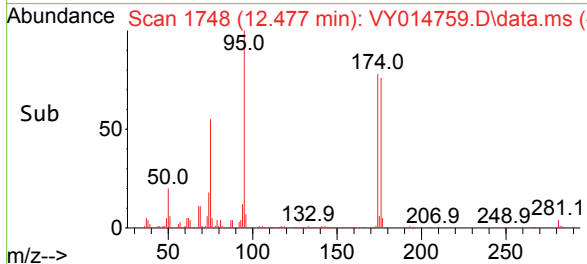
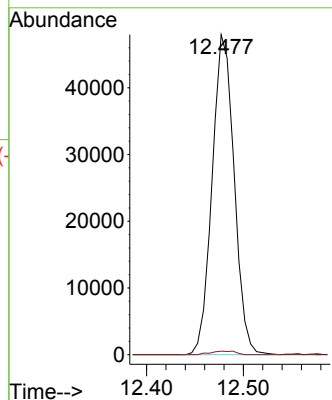
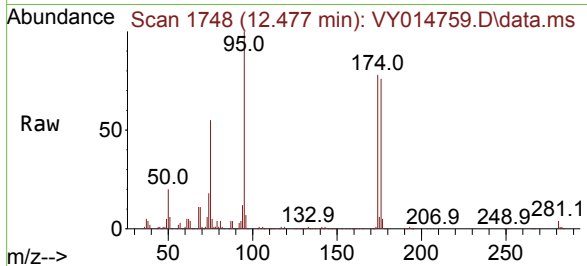




#76
1,2,3-Trichloropropane
Concen: 41.824 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24152

Tgt Ion: 75 Resp: 75744
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.979 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014759.D
Acq: 21 Jul 2023 20:04

Tgt Ion: 75 Resp: 75744
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

