

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015212.D
 Acq On : 21 Aug 2023 11:02
 Operator : SY/MD
 Sample : VY0821SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

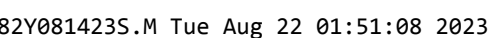
Quant Time: Aug 22 01:50:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

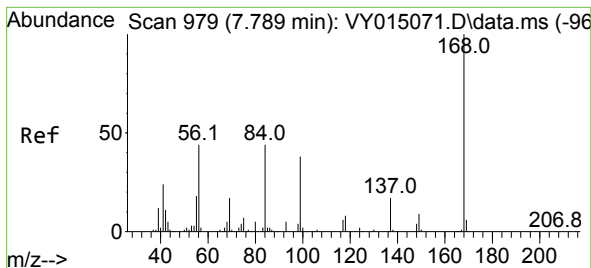
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	142771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92578	54.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.040%	
35) Dibromofluoromethane	7.710	113	79648	49.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.260%	
50) Toluene-d8	10.179	98	302667	50.150	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	12.477	95	116420	52.813	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.620%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	89	Below Cal	#	43
3) Chloromethane	2.107	50	459	Below Cal		91
5) Bromomethane	2.662	94	292	Below Cal		91
11) Tert butyl alcohol	4.930	59	1552	Below Cal	#	89
12) 1,1-Dichloroethene	3.869	96	1548	1.558	ug/l	85
13) Acrolein	3.802	56	43	Below Cal	#	14
16) Acetone	3.936	43	829	1.481	ug/l #	78
20) Methylene Chloride	4.710	84	9126	2.712	ug/l	97
25) 2-Butanone	6.978	43	934	1.178	ug/l #	49
27) cis-1,2-Dichloroethene	6.978	96	2333	1.524	ug/l	97
31) Cyclohexane	7.789	56	3000	Below Cal	#	26
36) 1,1-Dichloropropene	7.783	75	11129	6.205	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14198	6.688	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	63928	41.558	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63928	91.281	ug/l #	11

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

Quant Time: Aug 22 01:50:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015212.D

Acq: 21 Aug 2023 11:02

Instrument :

MSVOA_Y

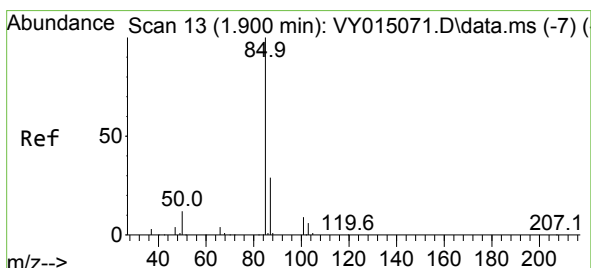
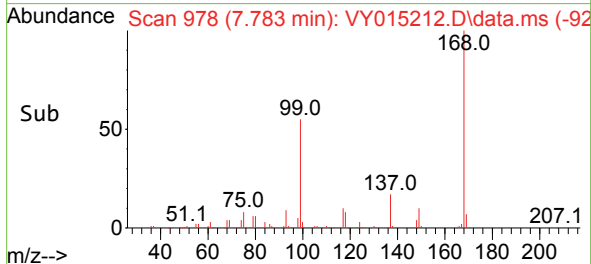
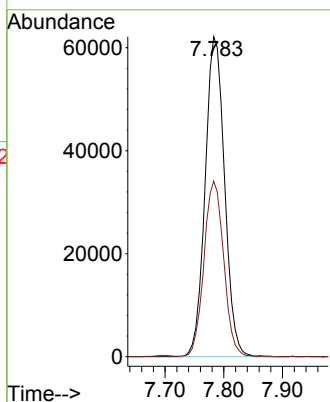
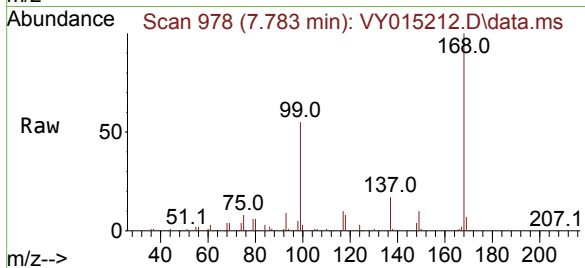
ClientSampleId :

Tgt Ion:168 Resp: 142771

Ion Ratio Lower Upper

168 100

99 54.8 43.4 65.0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY015212.D

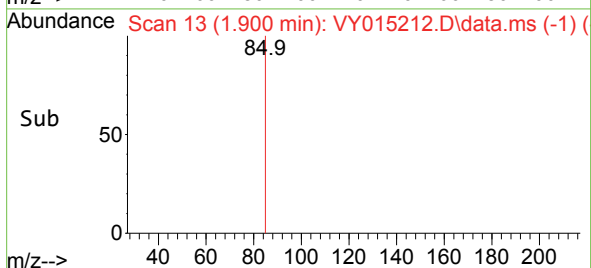
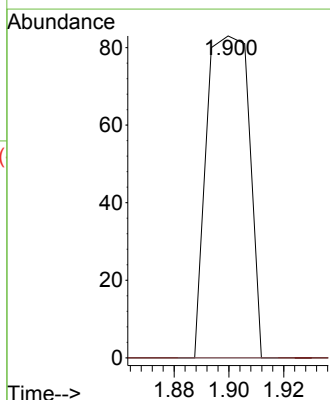
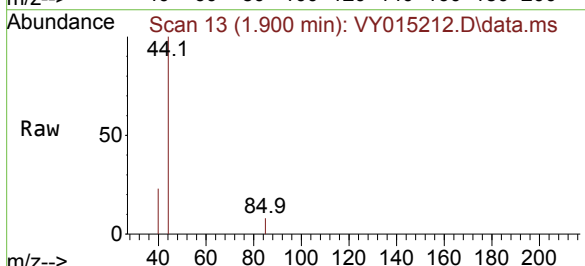
Acq: 21 Aug 2023 11:02

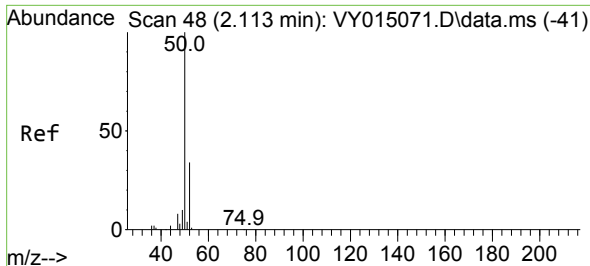
Tgt Ion: 85 Resp: 89

Ion Ratio Lower Upper

85 100

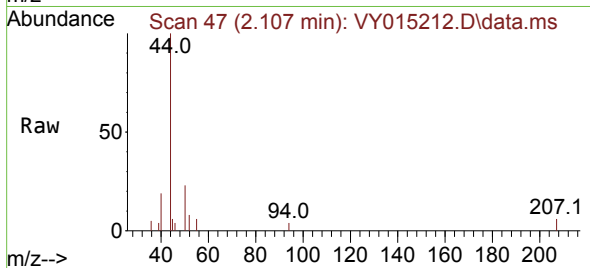
87 0.0 15.6 46.8#



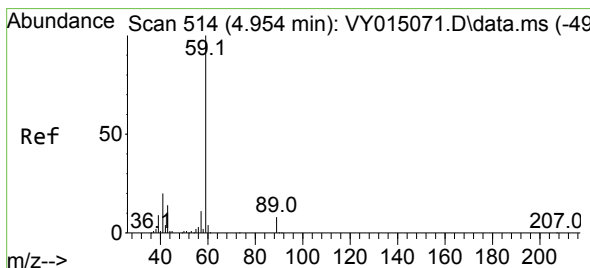
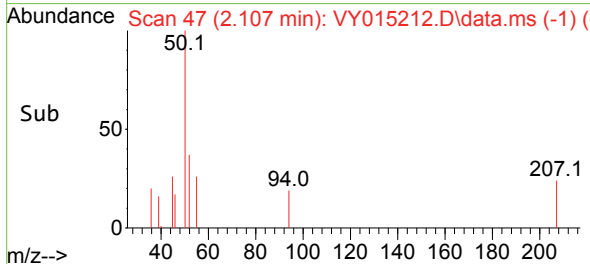
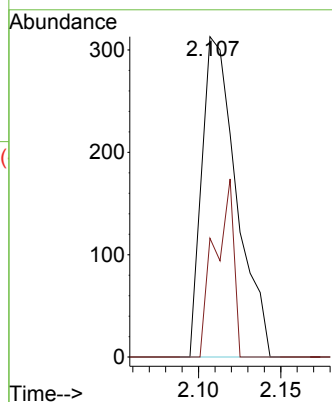


#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

Instrument :
MSVOA_Y
ClientSampleId :

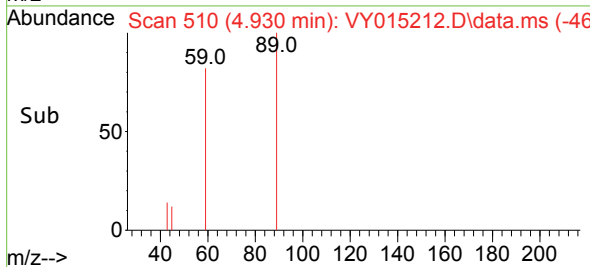
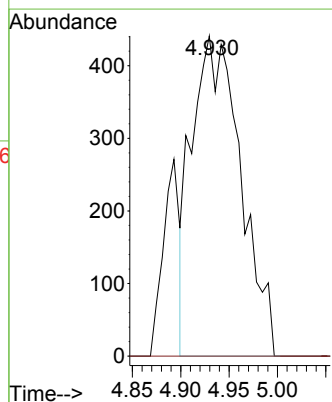
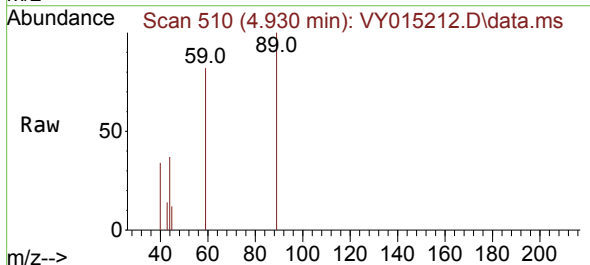


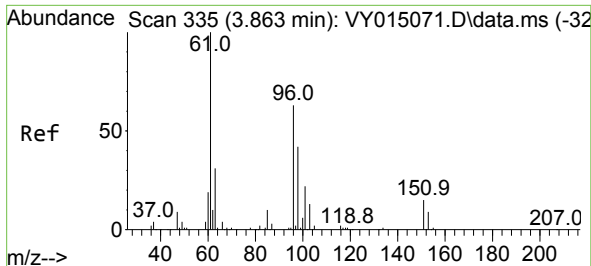
Tgt Ion: 50 Resp: 459
Ion Ratio Lower Upper
50 100
52 37.1 25.4 38.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

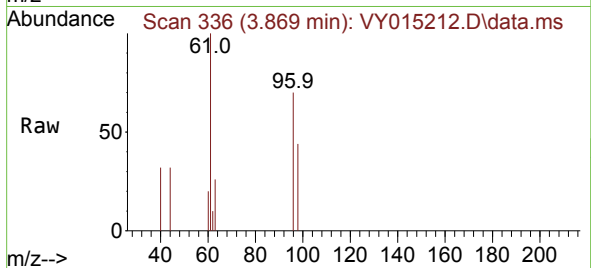
Tgt Ion: 59 Resp: 1552
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



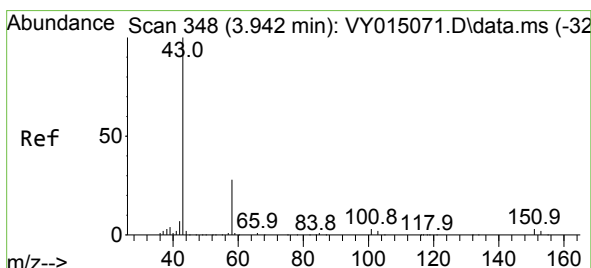
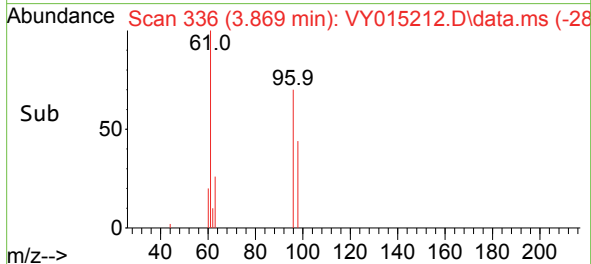
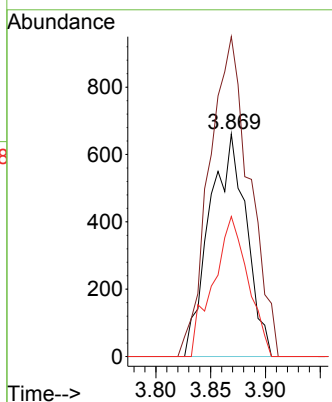


#12
1,1-Dichloroethene
Concen: 1.558 ug/l
RT: 3.869 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

Instrument :
MSVOA_Y
ClientSampleId :

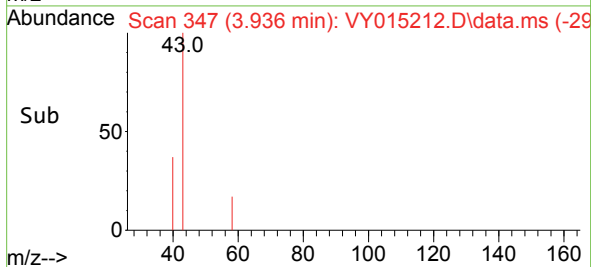
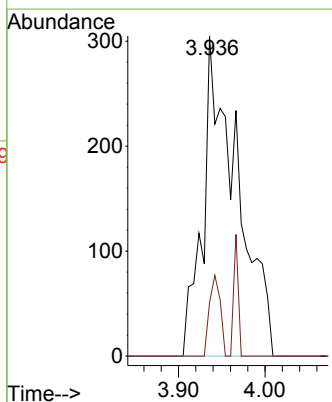
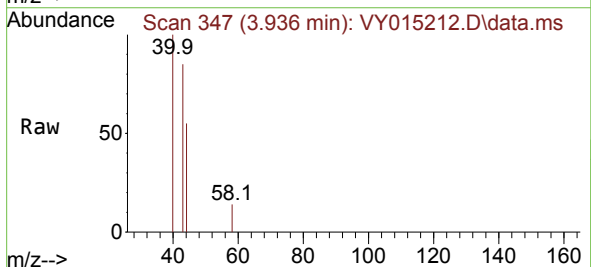


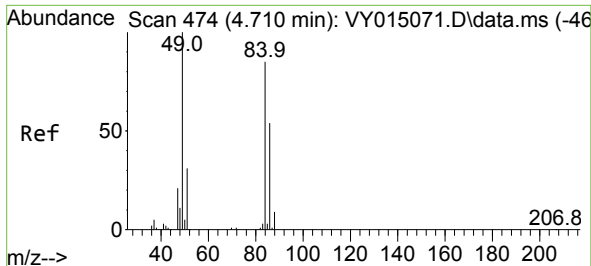
Tgt Ion: 96 Resp: 1548
Ion Ratio Lower Upper
96 100
61 143.7 136.4 204.6
98 62.9 49.4 74.2



#16
Acetone
Concen: 1.481 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

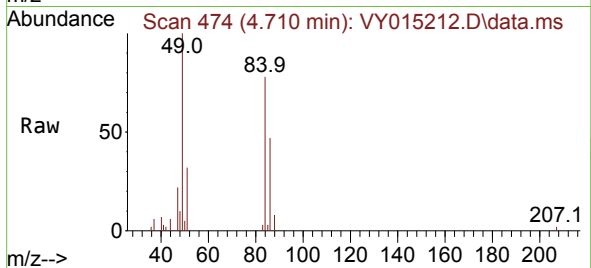
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 16.7 22.7 34.1#



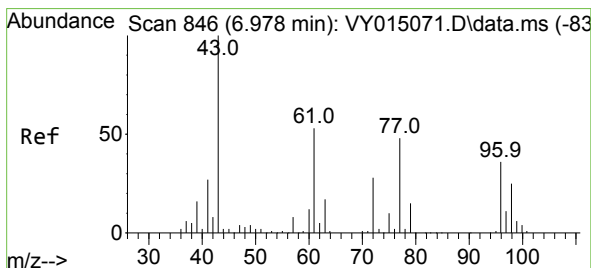
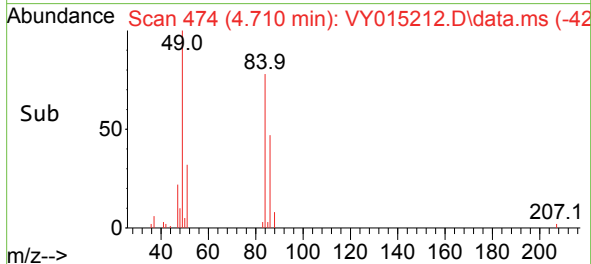
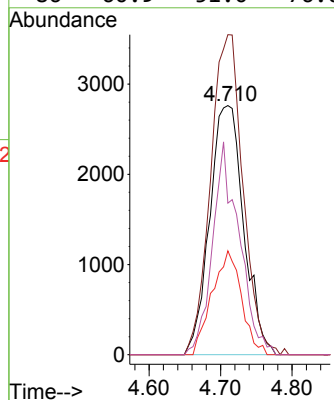


#20
Methylene Chloride
Concen: 2.712 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

Instrument :
MSVOA_Y
ClientSampleId :

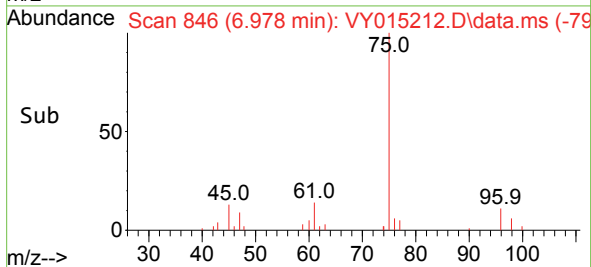
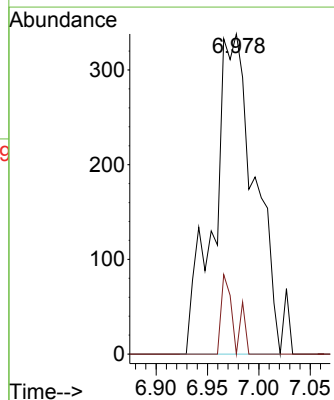
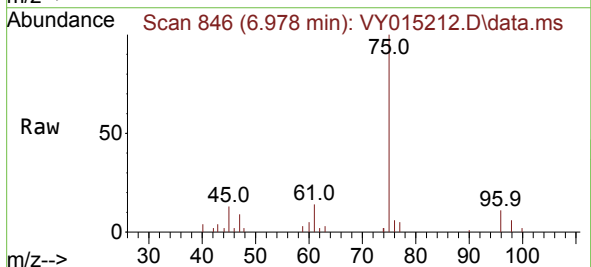


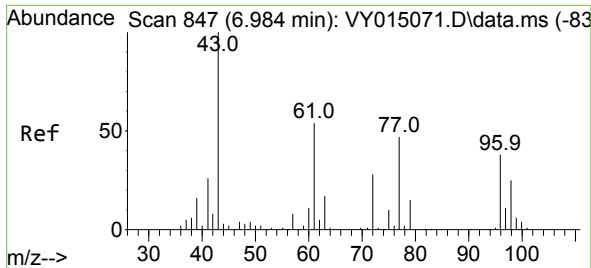
Tgt Ion:	84	Resp:	9126
Ion	Ratio	Lower	Upper
84	100		
49	128.5	106.9	160.3
51	41.7	33.2	49.8
86	60.9	51.0	76.6



#25
2-Butanone
Concen: 1.178 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

Tgt Ion:	43	Resp:	934
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#

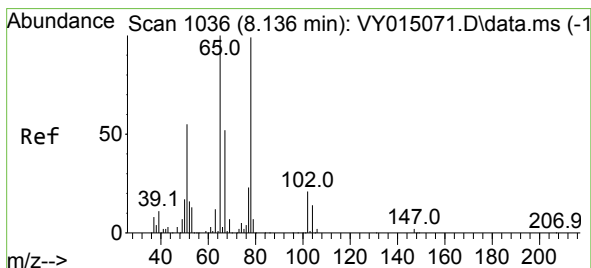
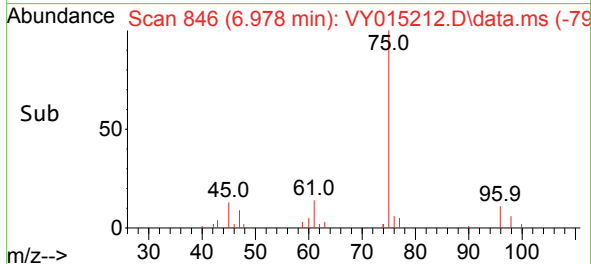
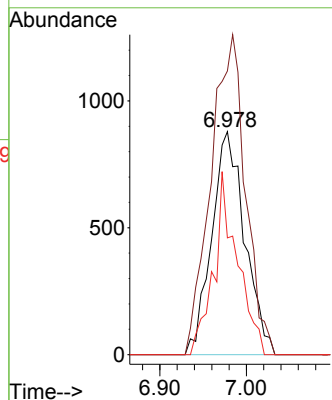
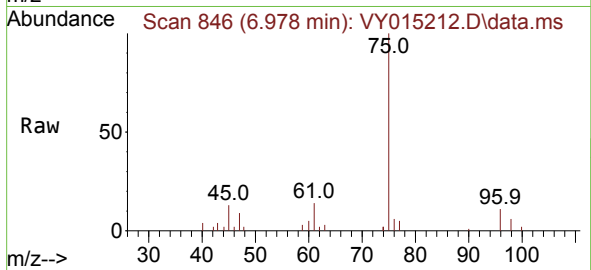




#27
 cis-1,2-Dichloroethene
 Concen: 1.524 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VY015212.D
 Acq: 21 Aug 2023 11:02

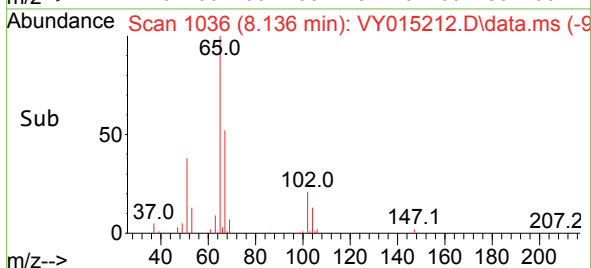
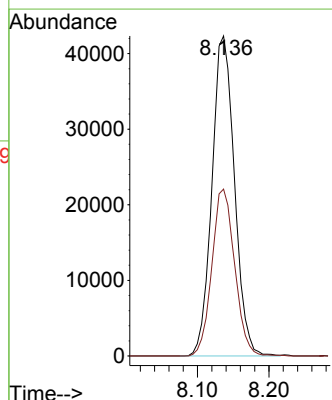
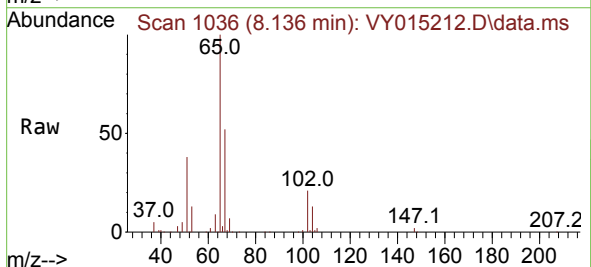
Instrument :
 MSVOA_Y
 ClientSampleId :

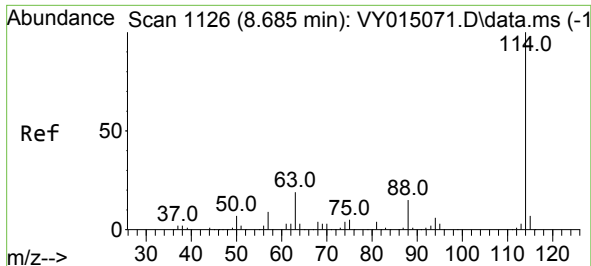
Tgt Ion: 96 Resp: 2333
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 301.4
 98 58.3 0.0 130.4



#33
 1,2-Dichloroethane-d4
 Concen: 54.018 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015212.D
 Acq: 21 Aug 2023 11:02

Tgt Ion: 65 Resp: 92578
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.8

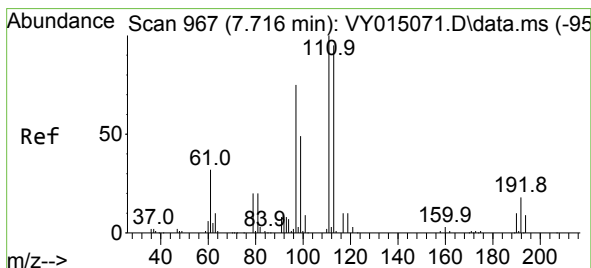
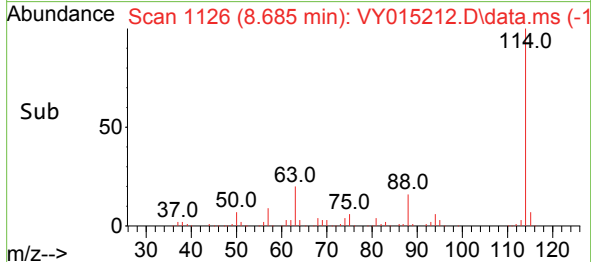
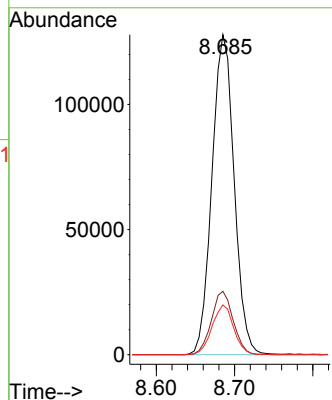
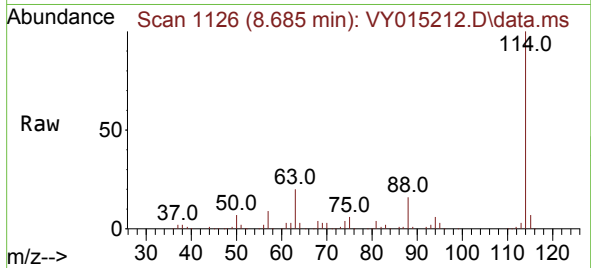




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

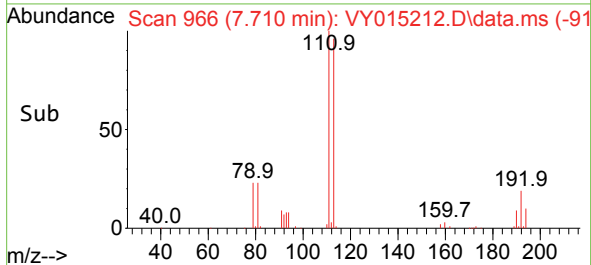
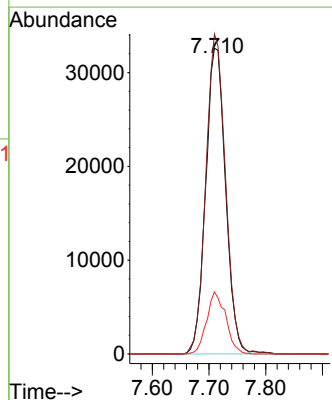
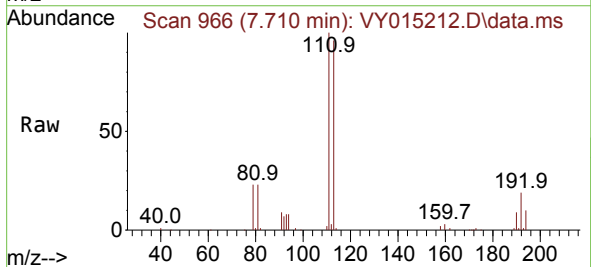
Instrument :
MSVOA_Y
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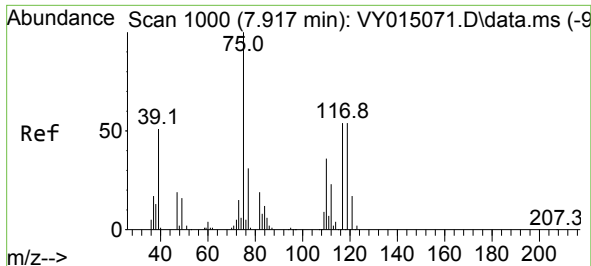
Tgt Ion:114 Resp: 252010
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.127 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

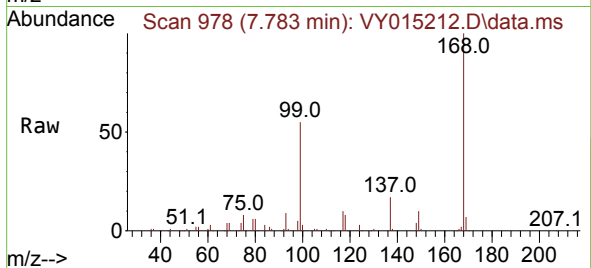
Tgt Ion:113 Resp: 79648
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.5 16.9 25.3



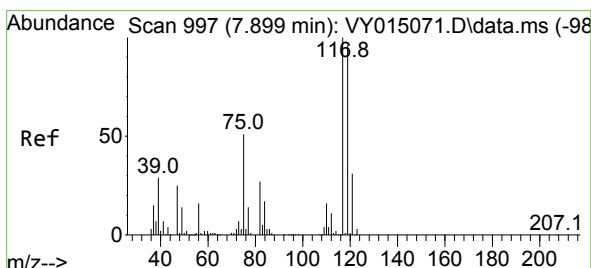
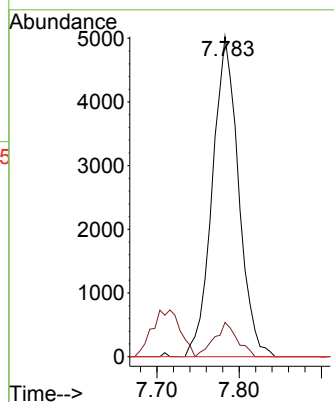
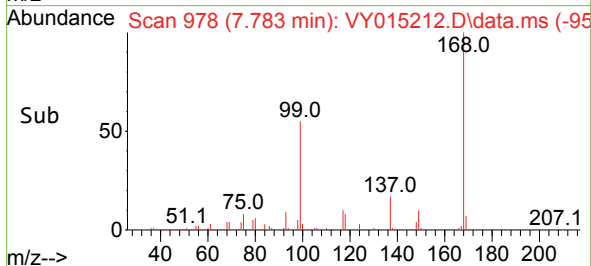


#36
1,1-Dichloropropene
Concen: 6.205 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

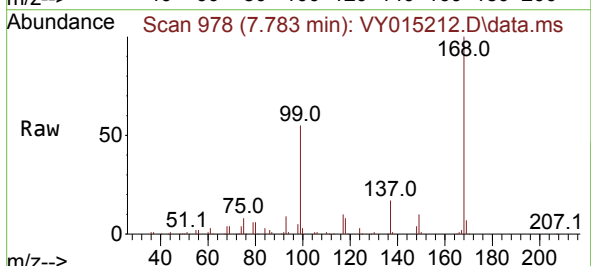
Instrument :
MSVOA_Y
ClientSampleId :



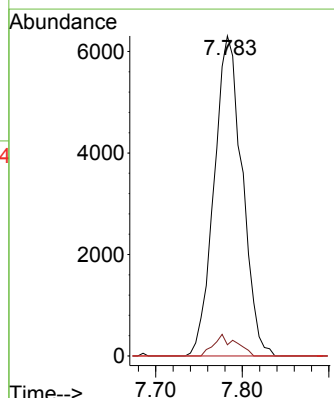
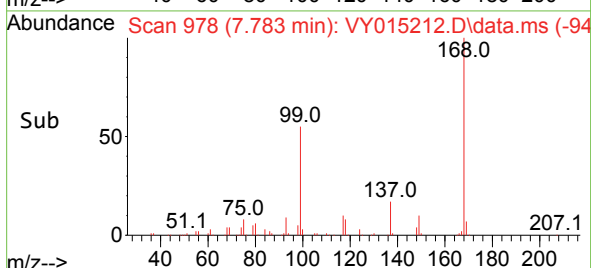
Tgt Ion: 75 Resp: 11129
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#

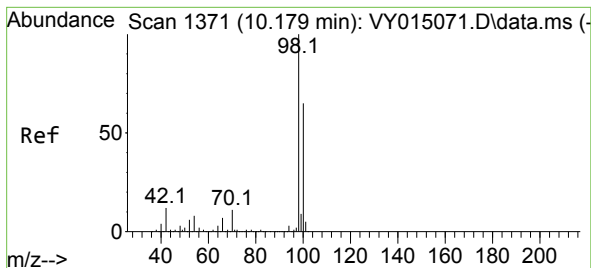


#38
Carbon Tetrachloride
Concen: 6.688 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02



Tgt Ion: 117 Resp: 14198
Ion Ratio Lower Upper
117 100
119 3.5 76.4 114.6#
121 0.0 25.8 38.6#

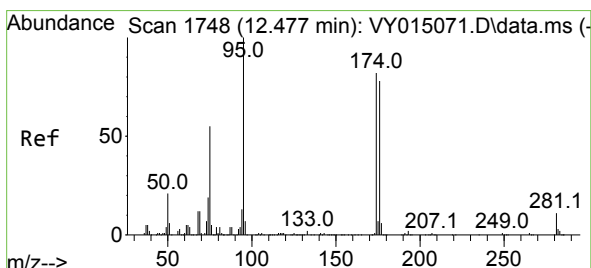
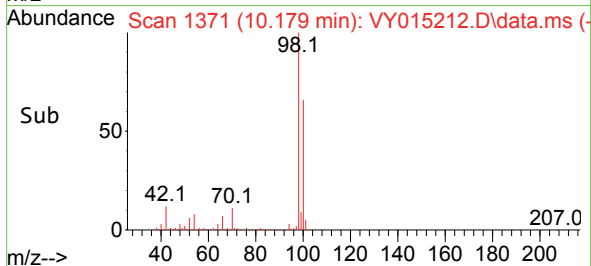
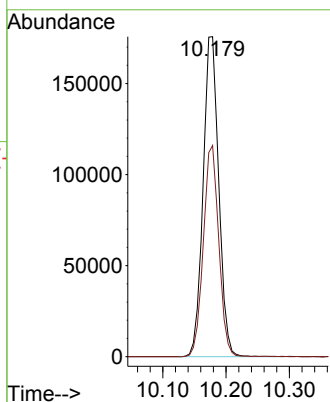
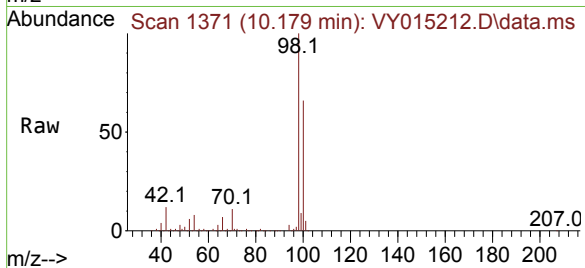




#50
Toluene-d8
Concen: 50.150 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

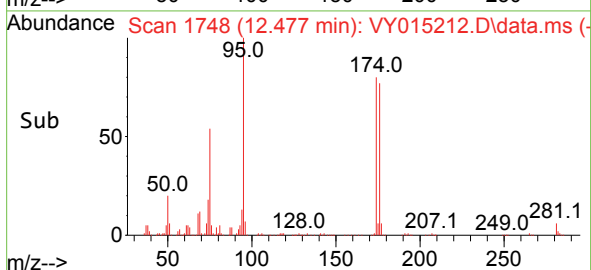
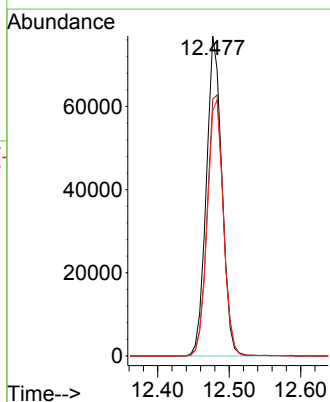
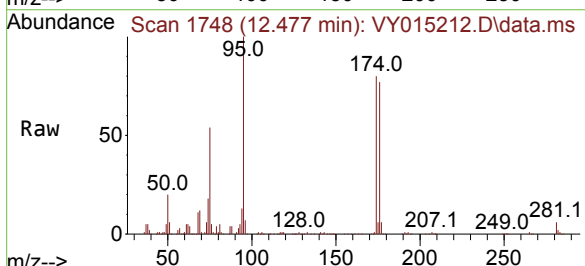
Instrument :
MSVOA_Y
ClientSampleId :

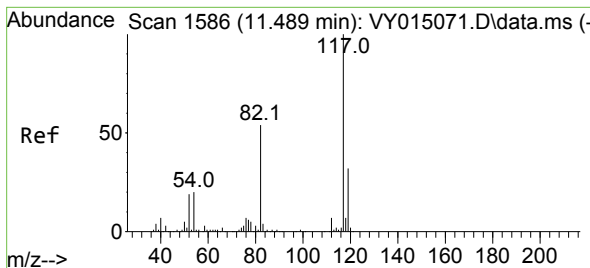
Tgt Ion: 98 Resp: 302667
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.813 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

Tgt Ion: 95 Resp: 116420
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.1 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: VY015212.D

Acq: 21 Aug 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :

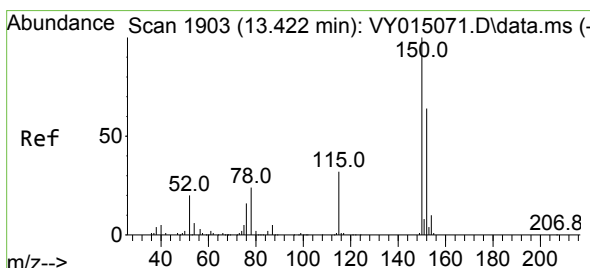
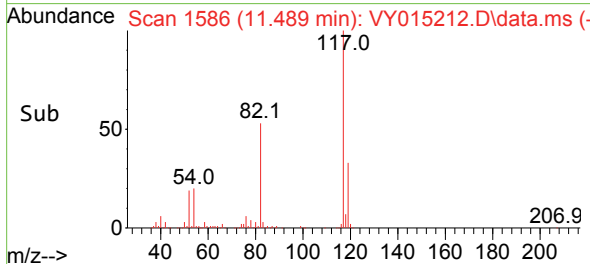
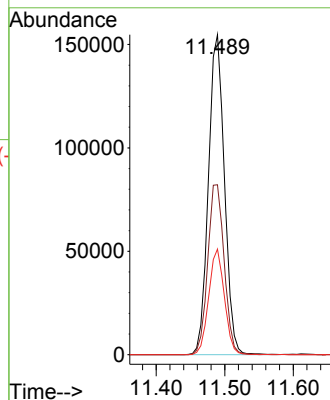
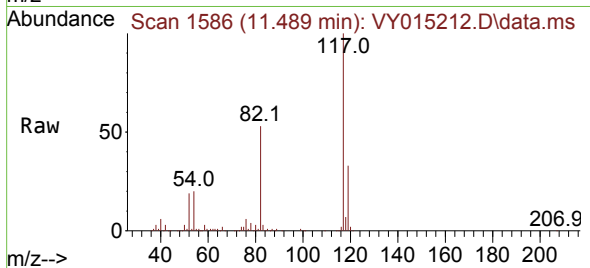
Tgt Ion:117 Resp: 251369

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 33.0 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: VY015212.D

Acq: 21 Aug 2023 11:02

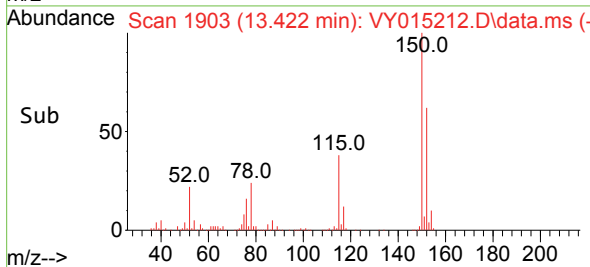
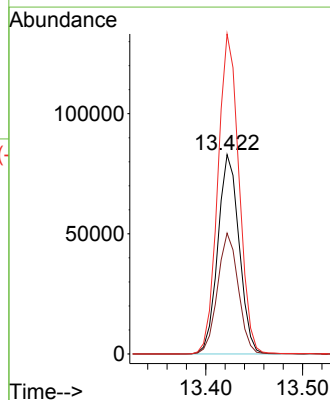
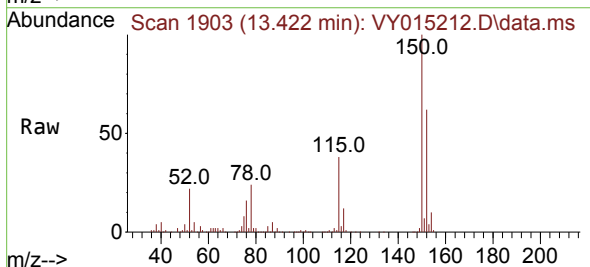
Tgt Ion:152 Resp: 126616

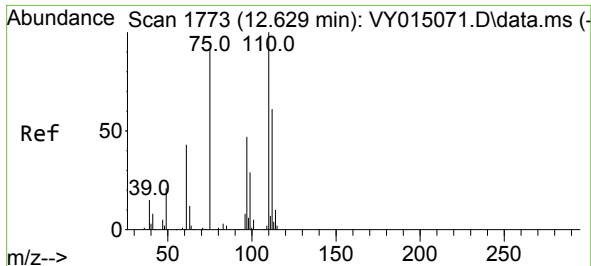
Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 159.6 0.0 348.8

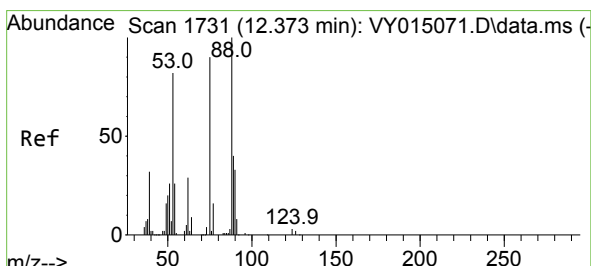
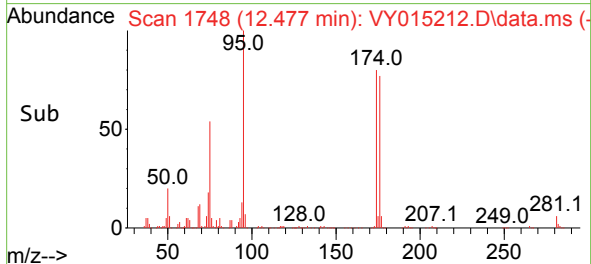
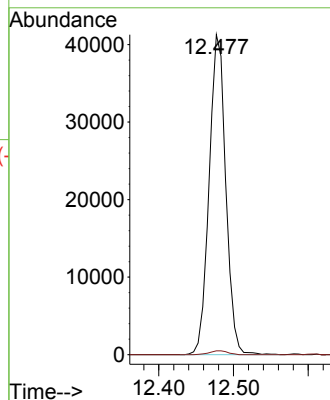
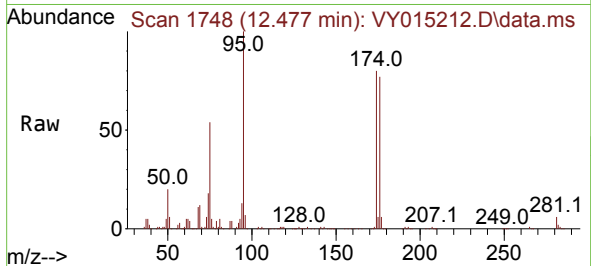




#76
1,2,3-Trichloropropane
Concen: 41.558 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63928
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.281 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY015212.D
Acq: 21 Aug 2023 11:02

Tgt Ion: 75 Resp: 63928
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

