

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013078.D
 Acq On : 24 Mar 2023 15:01
 Operator : KP/MD
 Sample : 02049-08
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-032323

Quant Time: Mar 25 03:34:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

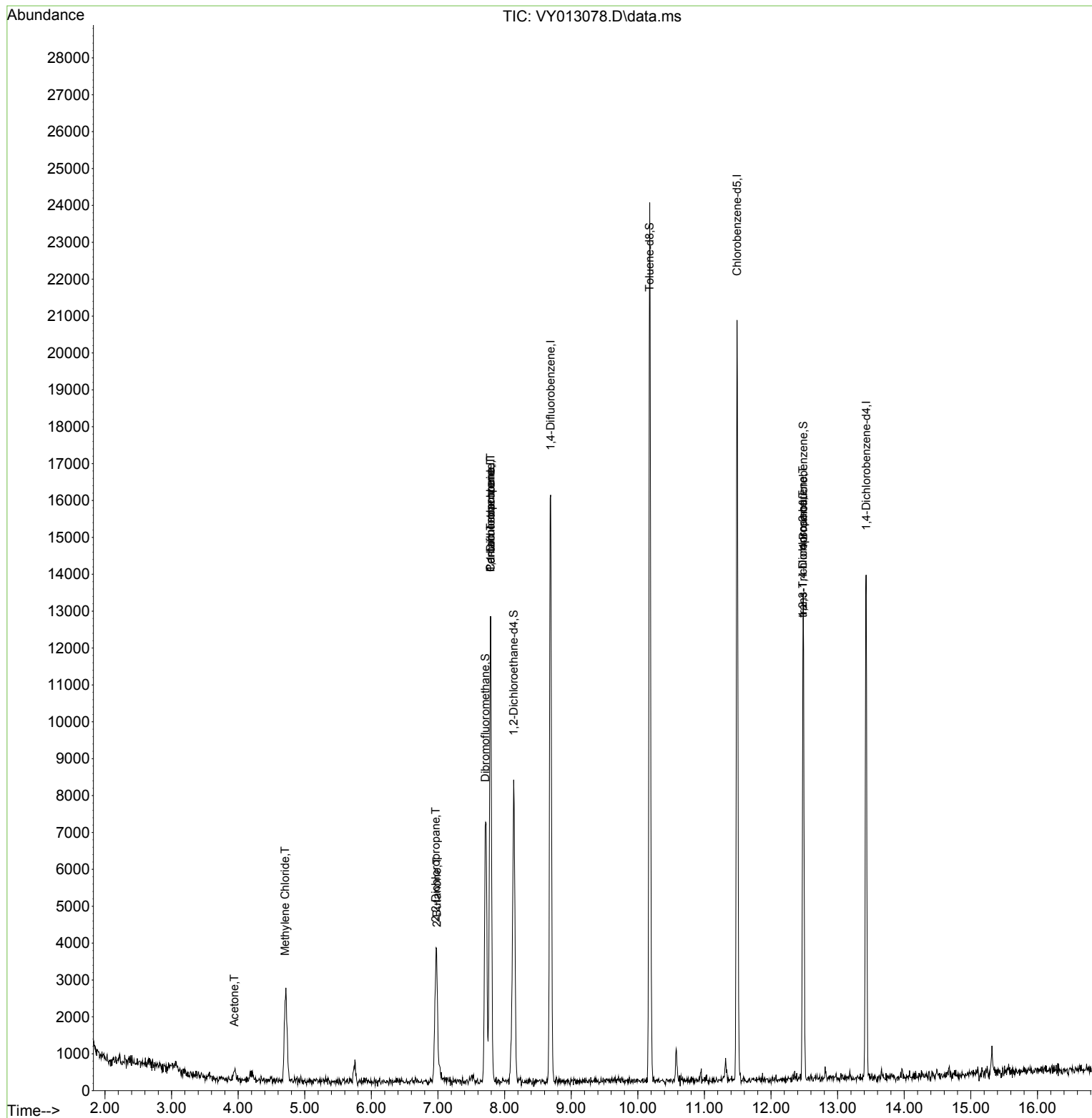
Internal Standards						
1) Pentafluorobenzene	7.789	168	9711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5684	58.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.900%
35) Dibromofluoromethane	7.710	113	5410	63.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.100%
50) Toluene-d8	10.179	98	15876	51.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.483	95	3742	35.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	70	Below Cal	#	74
16) Acetone	3.942	43	580	15.326	ug/l #	44
20) Methylene Chloride	4.704	84	1944	12.840	ug/l #	83
25) 2-Butanone	6.984	43	66	1.408	ug/l #	49
26) 2,2-Dichloropropane	6.966	77	213	1.254	ug/l #	52
36) 1,1-Dichloropropene	7.789	75	764	5.355	ug/l #	41
38) Carbon Tetrachloride	7.789	117	940	6.380	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	2105	46.157	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	2105	95.639	ug/l #	13

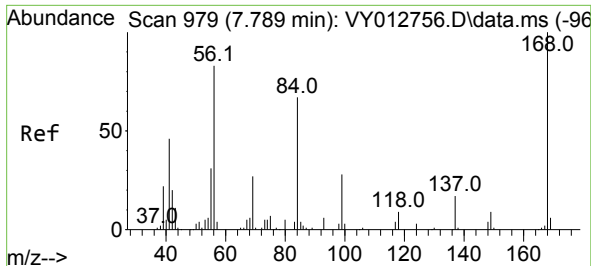
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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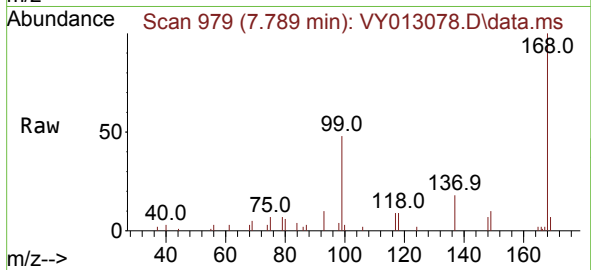
Quant Time: Mar 25 03:34:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



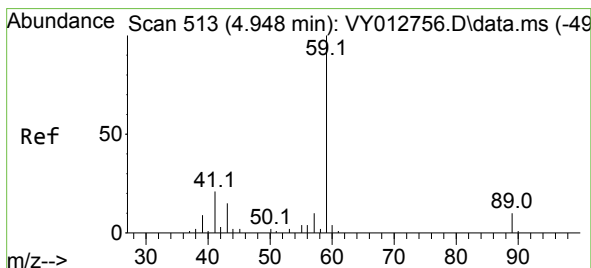
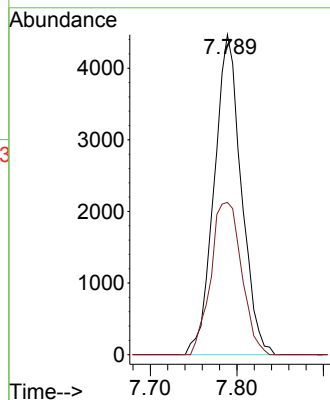
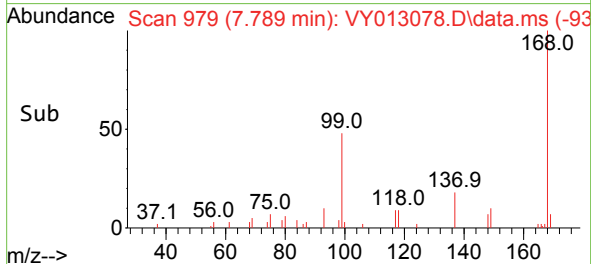


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-032323

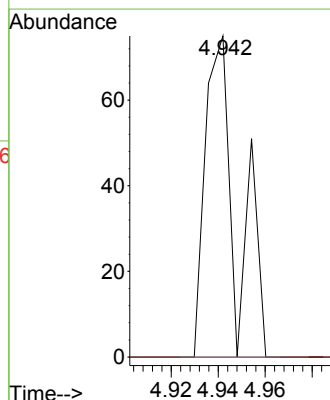
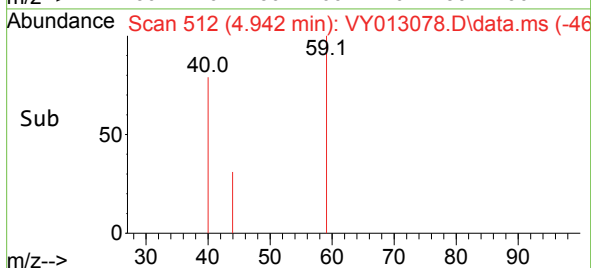
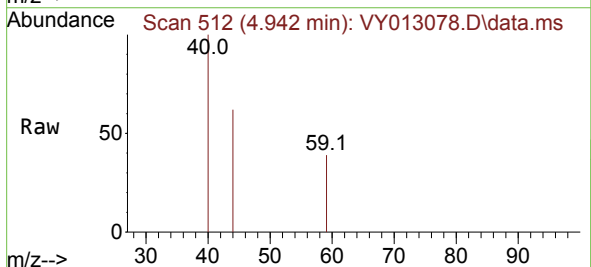


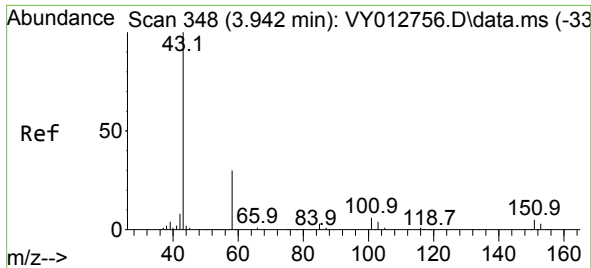
Tgt Ion:168 Resp: 9711
Ion Ratio Lower Upper
168 100
99 47.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

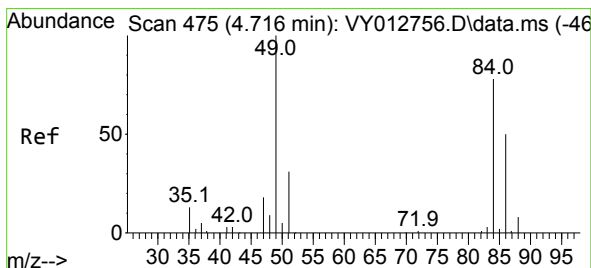
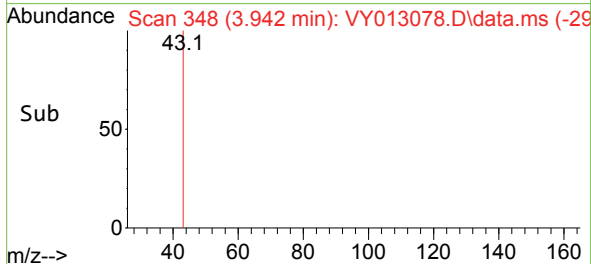
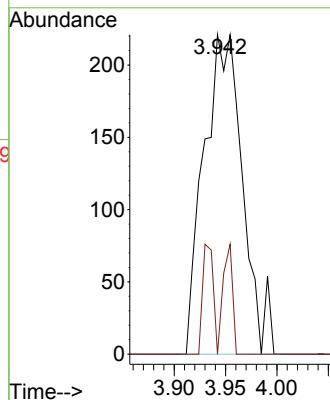
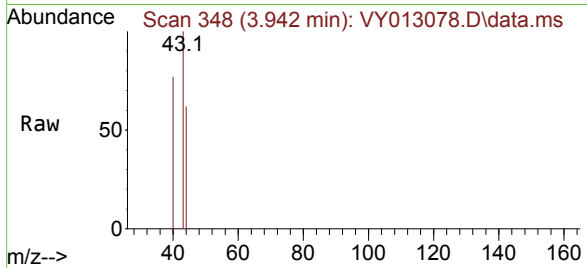




#16
Acetone
Concen: 15.326 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

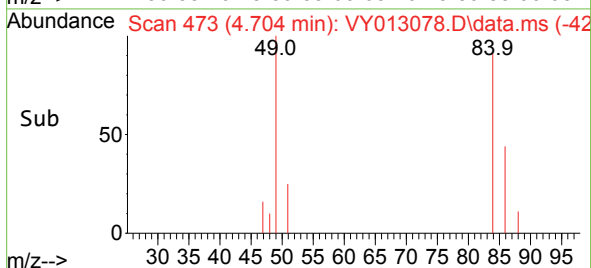
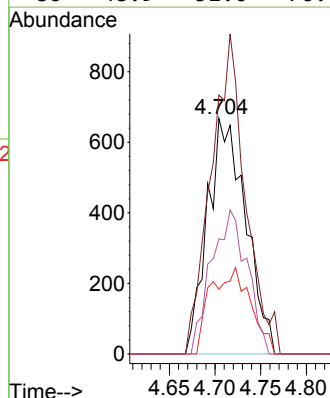
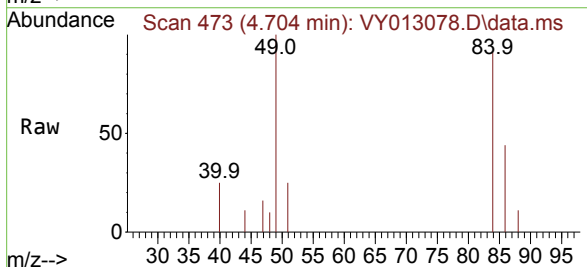
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-032323

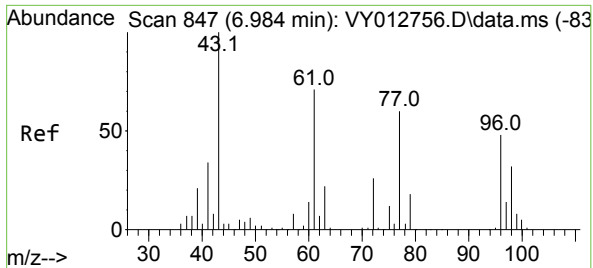
Tgt Ion: 43 Resp: 580
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: 12.840 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 84 Resp: 1944
Ion Ratio Lower Upper
84 100
49 110.0 102.6 154.0
51 27.6 31.9 47.9#
86 48.9 51.0 76.6#

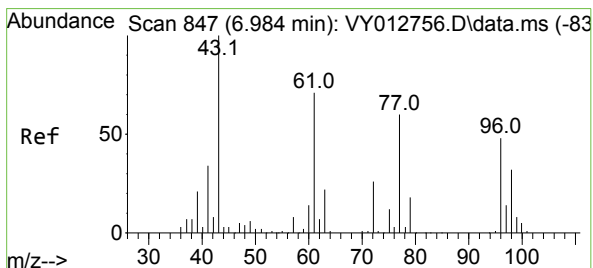
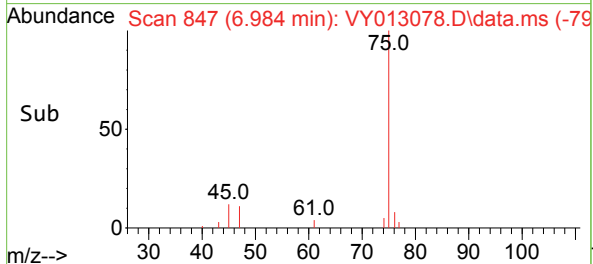
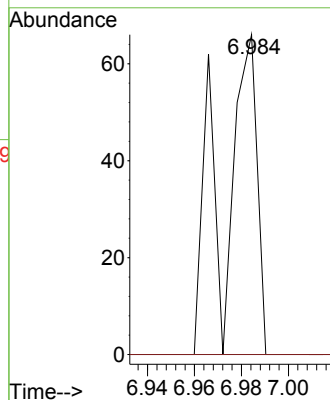
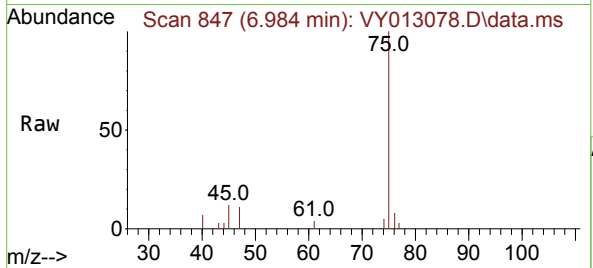




#25
2-Butanone
Concen: 1.408 ug/l
RT: 6.984 min Scan# 844
Delta R.T. 0.000 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

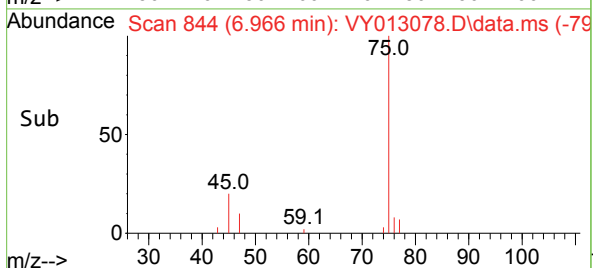
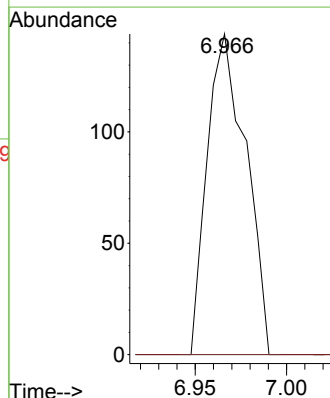
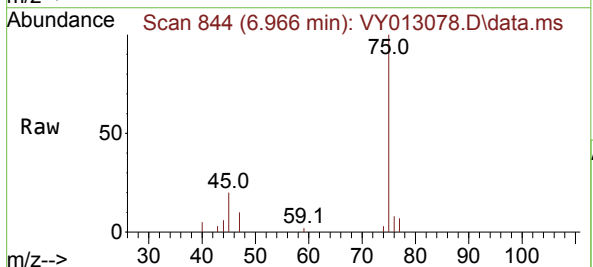
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-032323

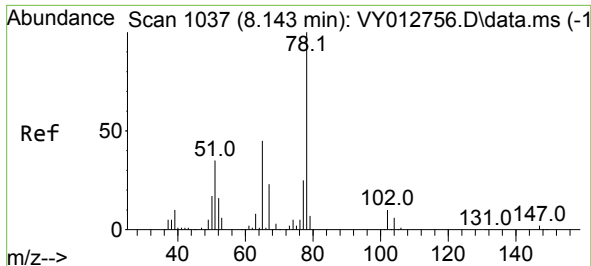
Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#26
2,2-Dichloropropane
Concen: 1.254 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 77 Resp: 213
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.0#

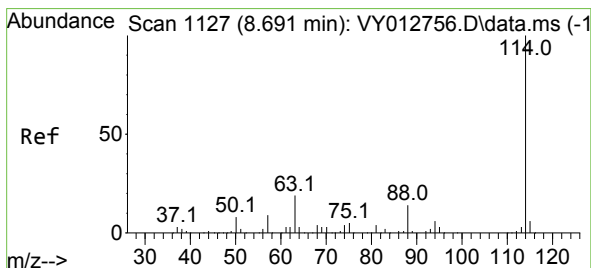
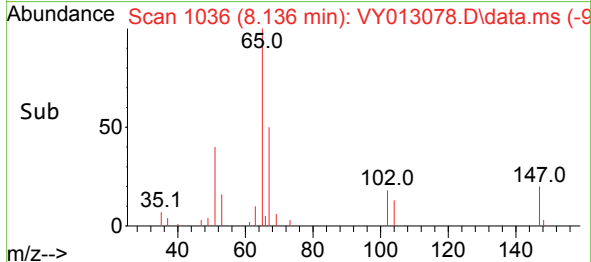
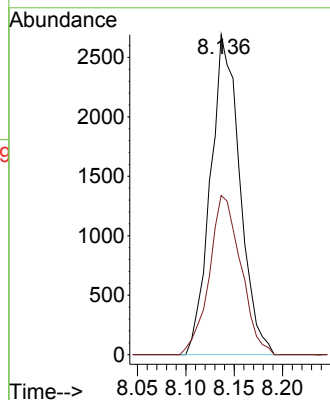
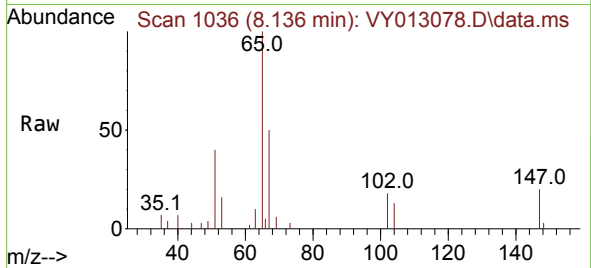




#33
 1,2-Dichloroethane-d4
 Concen: 58.952 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.007 min
 Lab File: VY013078.D
 Acq: 24 Mar 2023 15:01

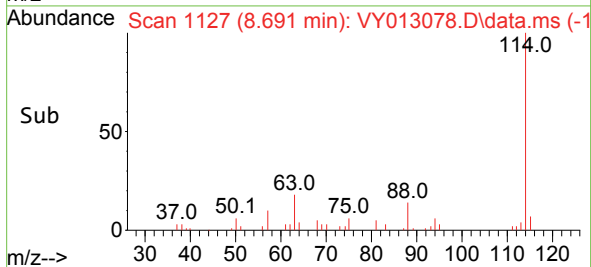
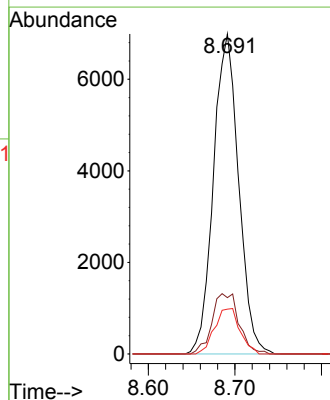
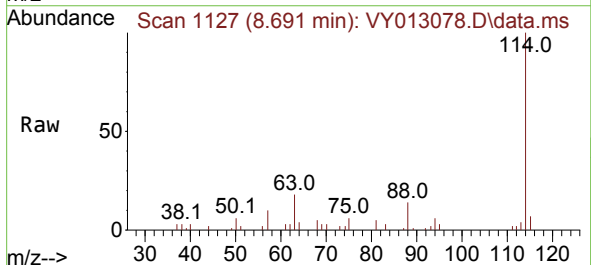
Instrument :
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 ClientSampleId :
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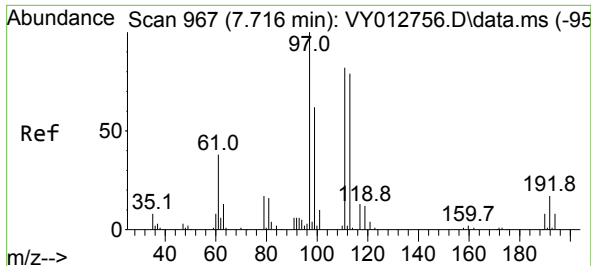
Tgt Ion: 65 Resp: 5684
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013078.D
 Acq: 24 Mar 2023 15:01

Tgt Ion: 114 Resp: 14107
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 37.4
 88 14.0 0.0 28.6

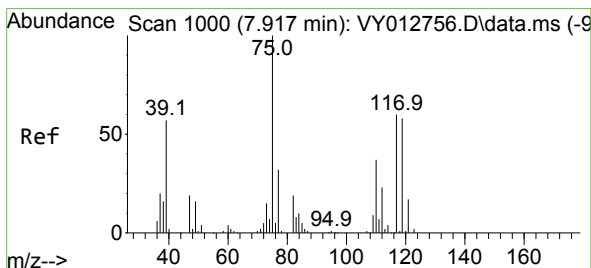
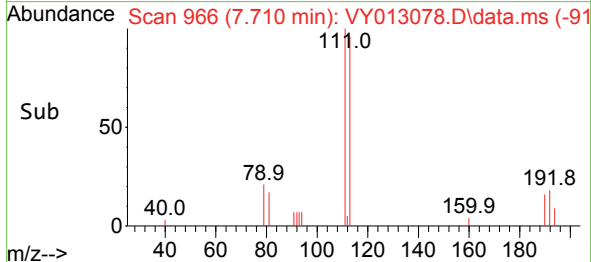
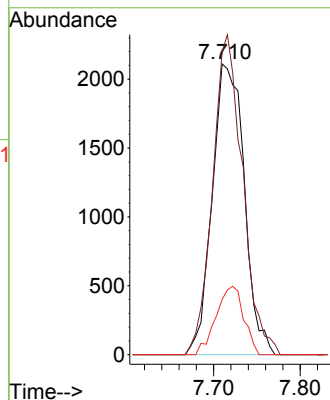
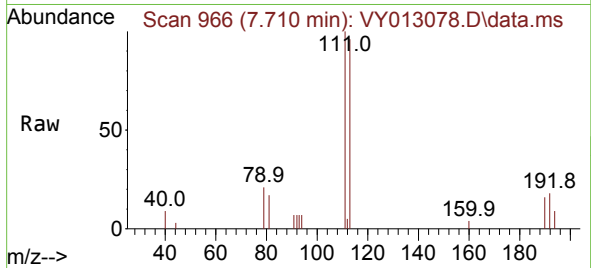




#35
Dibromofluoromethane
Concen: 63.546 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

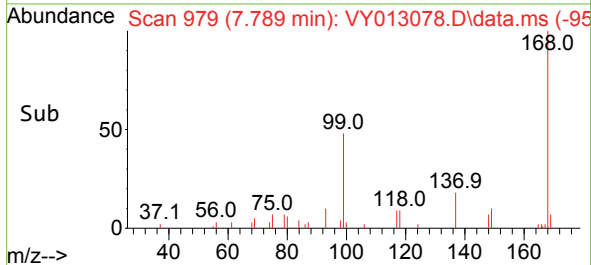
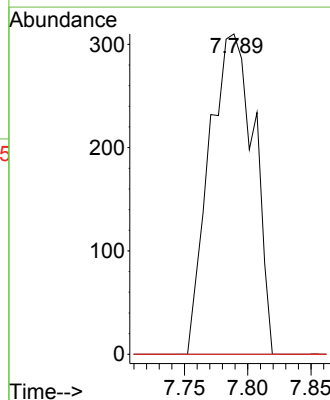
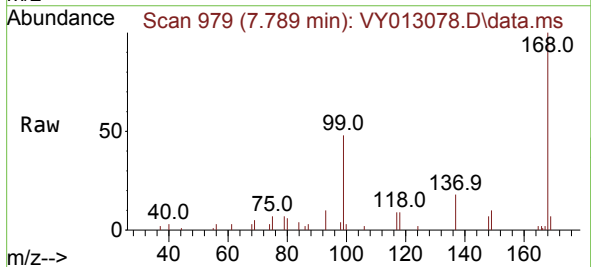
Instrument :
MSVOA_Y
ClientSampleId :
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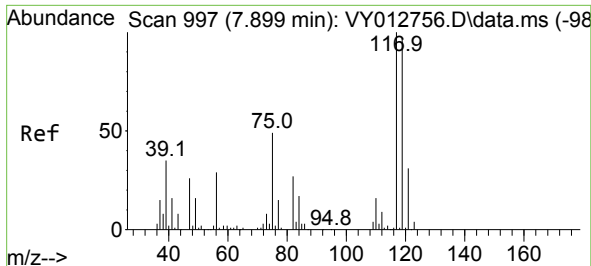
Tgt Ion:113 Resp: 5410
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.355 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

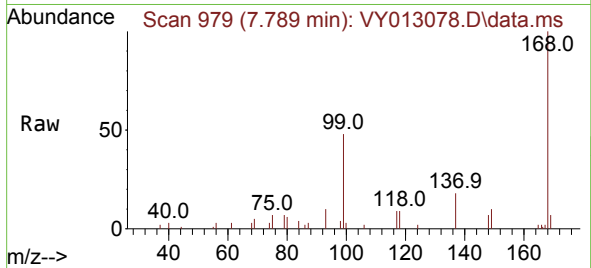
Tgt Ion: 75 Resp: 764
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#



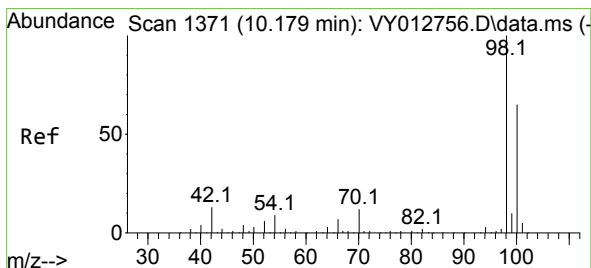
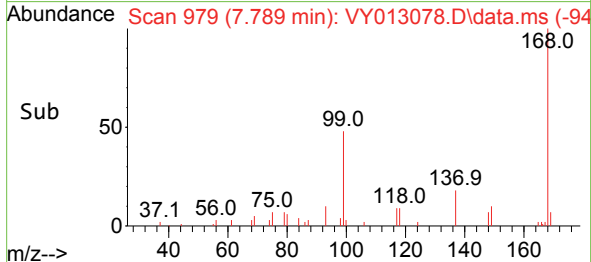
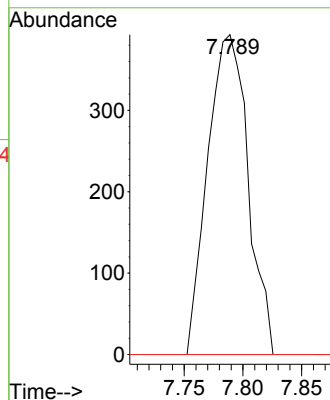


#38
Carbon Tetrachloride
Concen: 6.380 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-032323

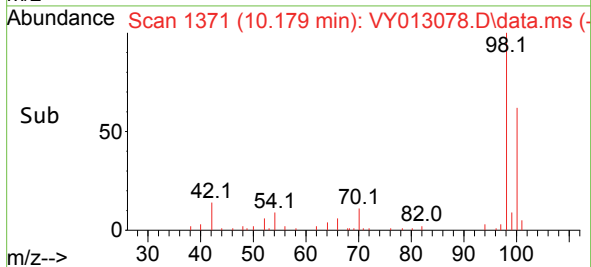
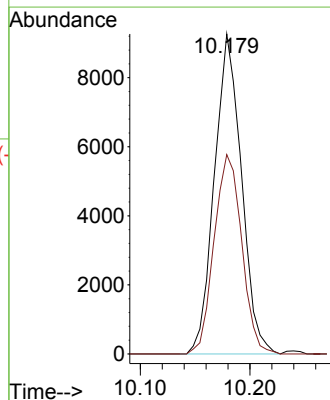
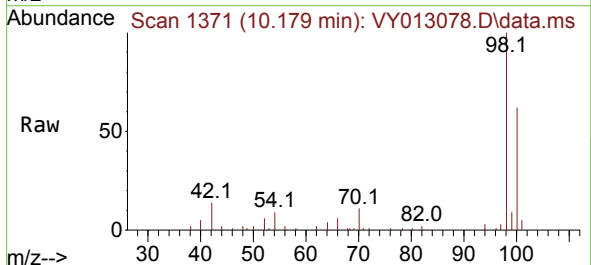


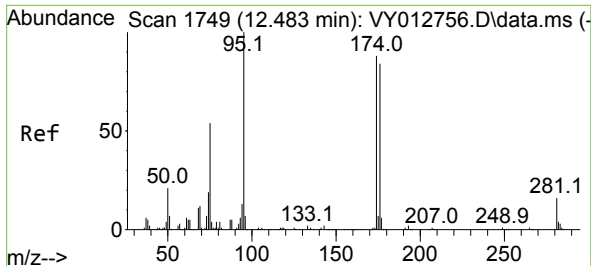
Tgt Ion:117 Resp: 940
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.009 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 98 Resp: 15876
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

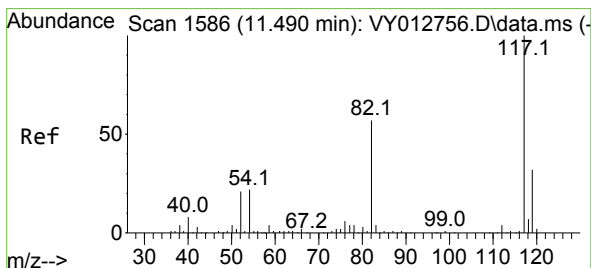
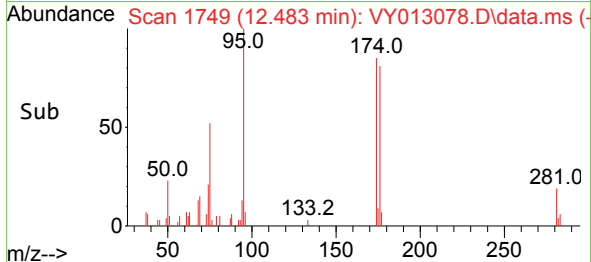
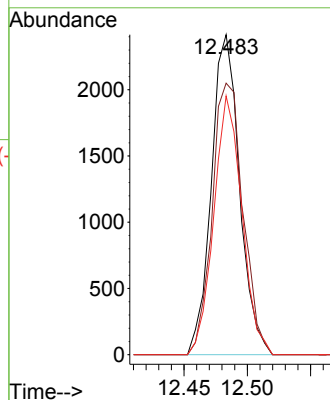
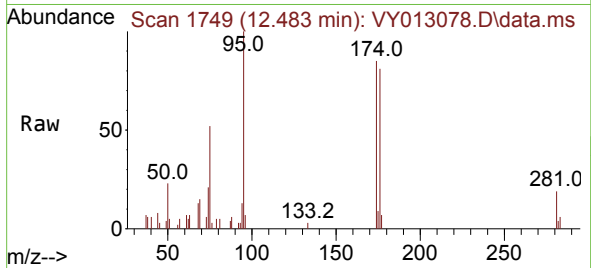




#62
4-Bromofluorobenzene
Concen: 35.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

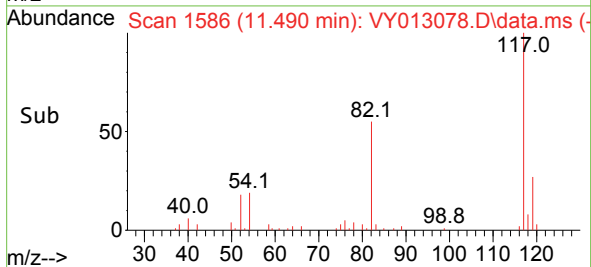
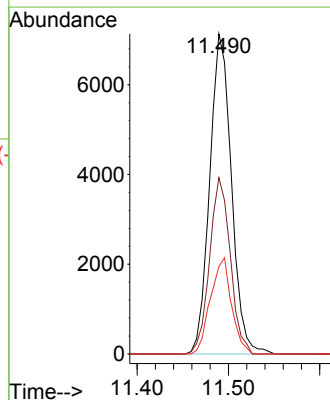
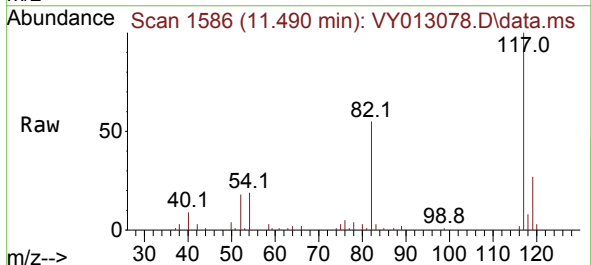
Instrument :
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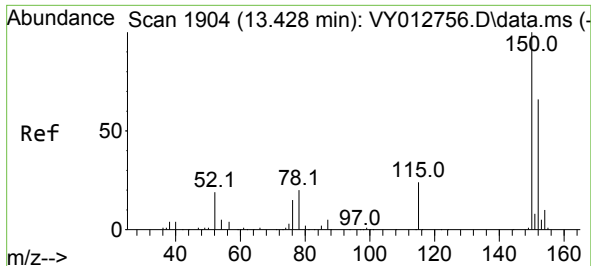
Tgt Ion: 95 Resp: 3742
Ion Ratio Lower Upper
95 100
174 92.6 0.0 176.6
176 80.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 117 Resp: 11768
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 27.3 25.6 38.4

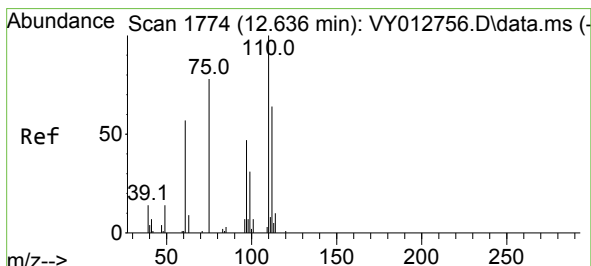
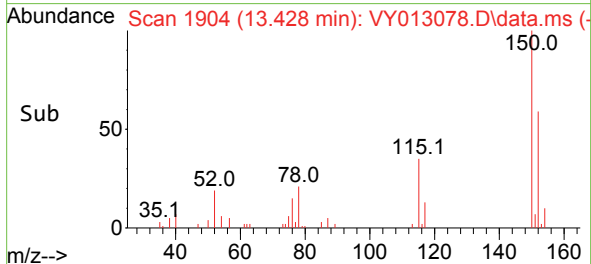
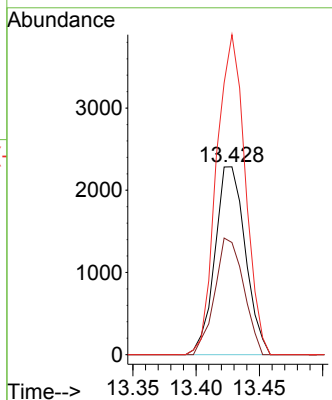
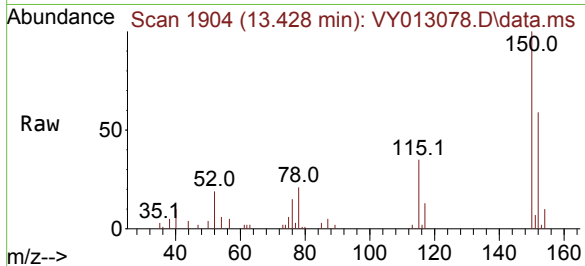




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

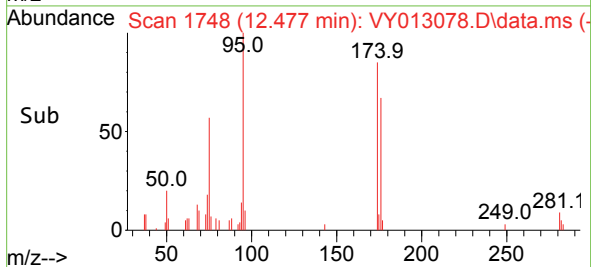
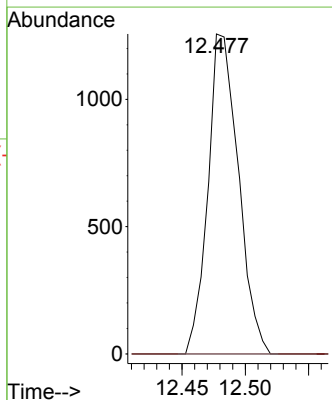
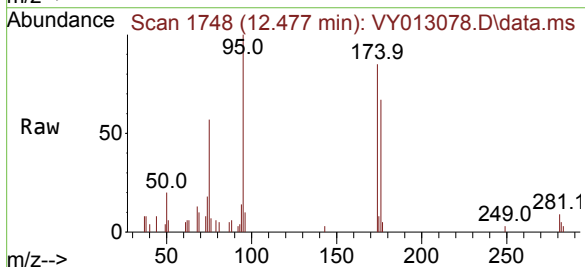
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-032323

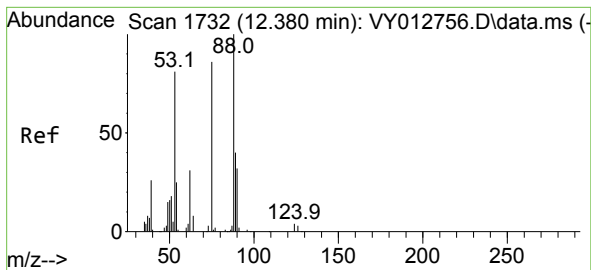
Tgt Ion:152 Resp: 3819
Ion Ratio Lower Upper
152 100
115 59.0 27.1 81.3
150 160.8 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 46.157 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013078.D
Acq: 24 Mar 2023 15:01

Tgt Ion: 75 Resp: 2105
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.639 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013078.D
 Acq: 24 Mar 2023 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-032323

Tgt Ion:	75	Resp:	2105
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.0#
89	0.0	36.6	55.0#

