

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014541.D
 Acq On : 03 Jul 2023 17:32
 Operator : KP/MD
 Sample : 03412-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCT-1

Quant Time: Jul 04 03:03:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

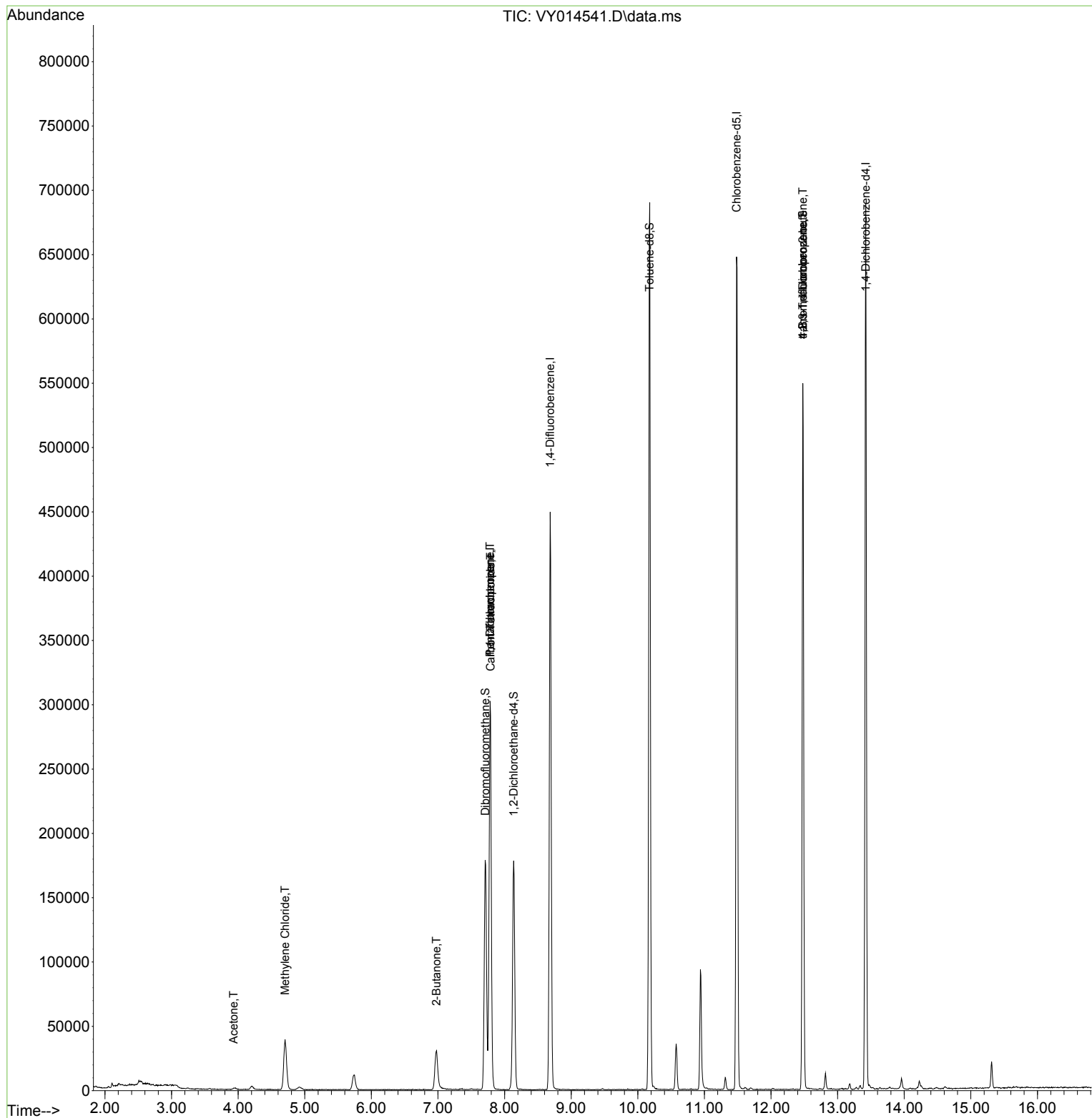
Internal Standards						
1) Pentafluorobenzene	7.783	168	259527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	411571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	397246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	191430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141399	54.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.540%	
35) Dibromofluoromethane	7.710	113	130358	51.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.179	98	485259	48.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.860%	
62) 4-Bromofluorobenzene	12.477	95	161196	46.333	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	70	Below Cal	#	43
11) Tert butyl alcohol	4.917	59	1731	Below Cal	#	89
16) Acetone	3.930	43	1101	1.366	ug/l #	87
20) Methylene Chloride	4.704	84	32042	6.502	ug/l #	82
25) 2-Butanone	6.978	43	1743	1.460	ug/l #	79
36) 1,1-Dichloropropene	7.783	75	16802	4.329	ug/l #	49
38) Carbon Tetrachloride	7.789	117	22146	5.466	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	74301	33.076	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	74301	64.380	ug/l #	11

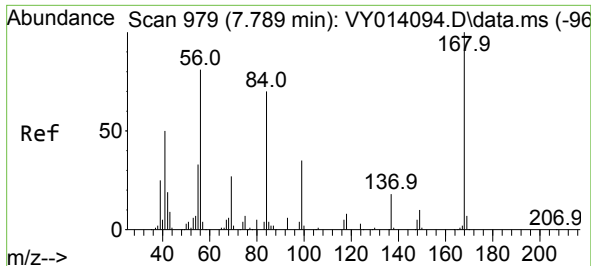
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
Data File : VY014541.D
Acq On : 03 Jul 2023 17:32
Operator : KP/MD
Sample : 03412-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUCT-1

Quant Time: Jul 04 03:03:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

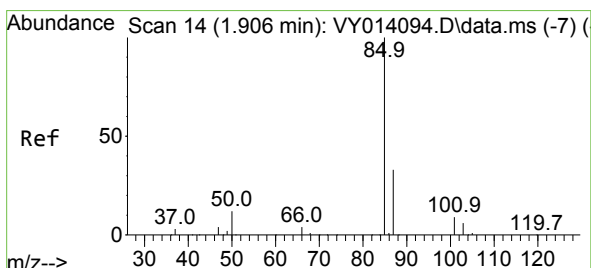
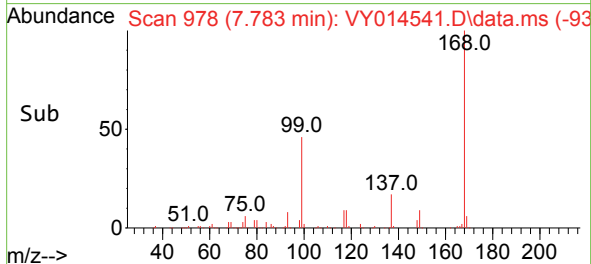
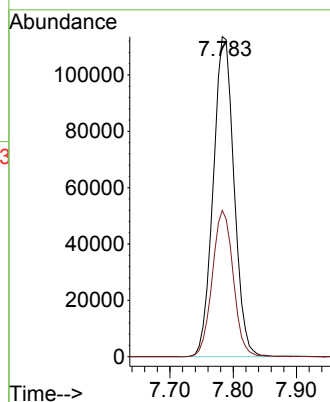
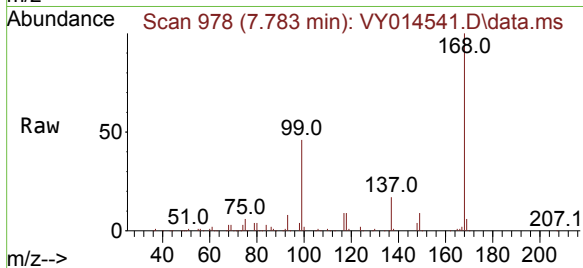




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014541.D
Acq: 03 Jul 2023 17:32

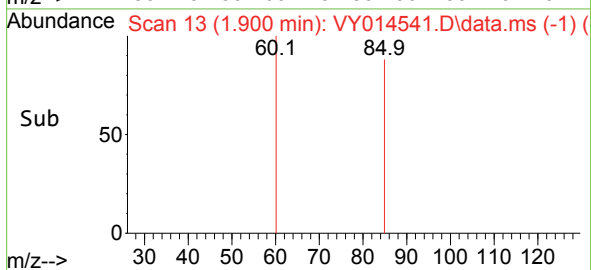
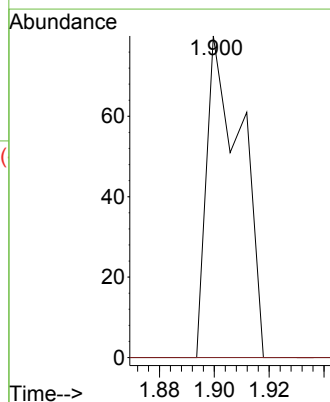
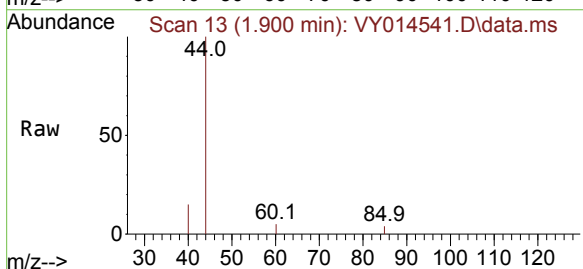
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-1

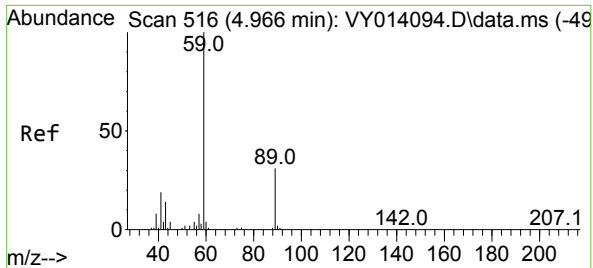
Tgt Ion:168 Resp: 259527
Ion Ratio Lower Upper
168 100
99 45.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014541.D
Acq: 03 Jul 2023 17:32

Tgt Ion: 85 Resp: 70
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

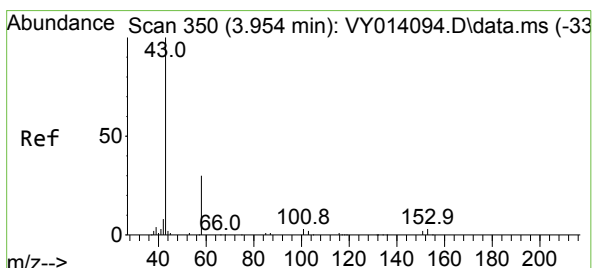
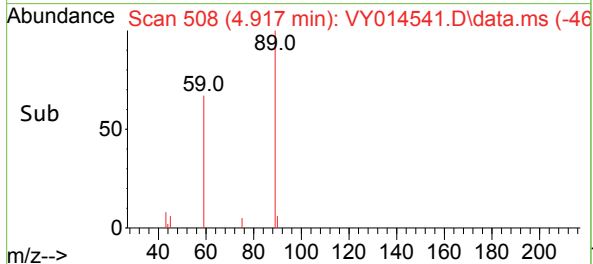
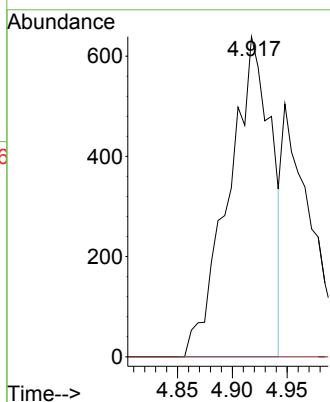
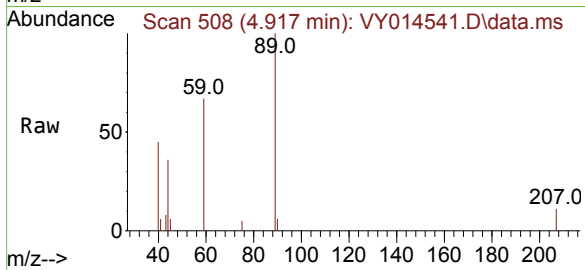




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.049 min
Lab File: VY014541.D
Acq: 03 Jul 2023 17:32

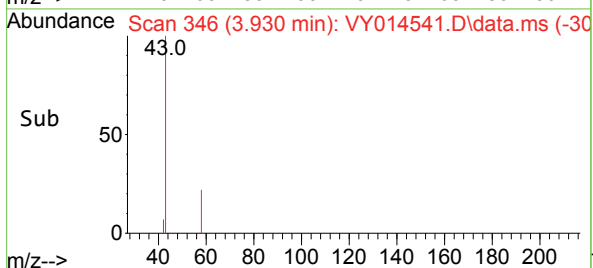
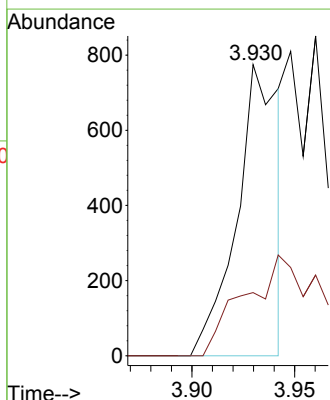
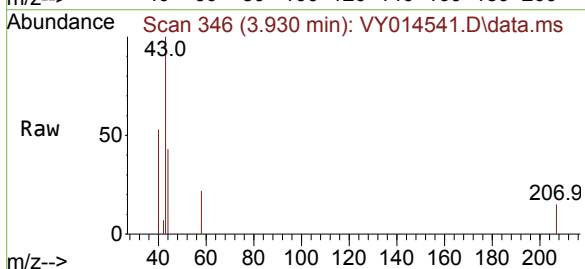
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-1

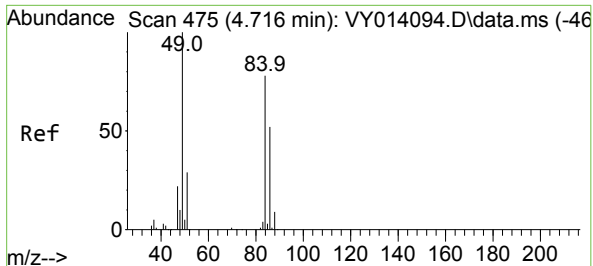
Tgt Ion: 59 Resp: 1731
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 1.366 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.024 min
Lab File: VY014541.D
Acq: 03 Jul 2023 17:32

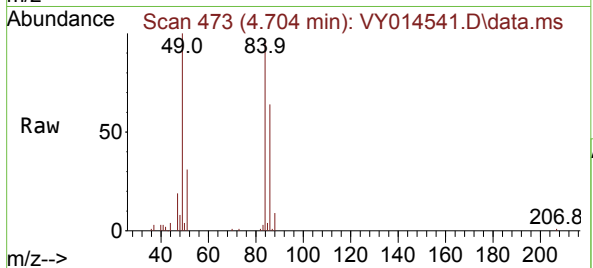
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 21.7 22.7 34.1#



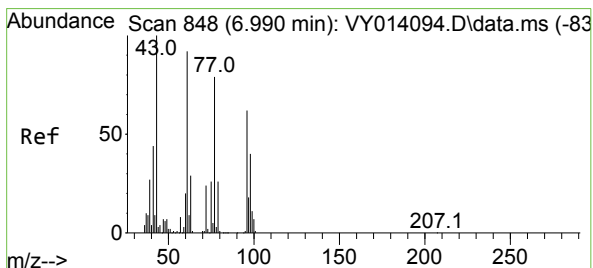
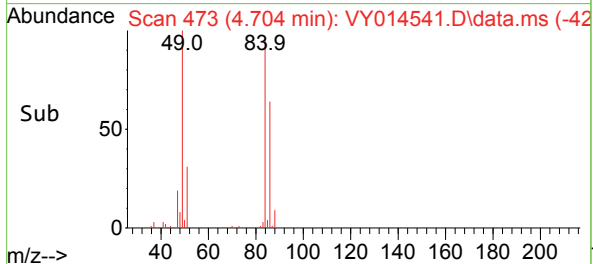
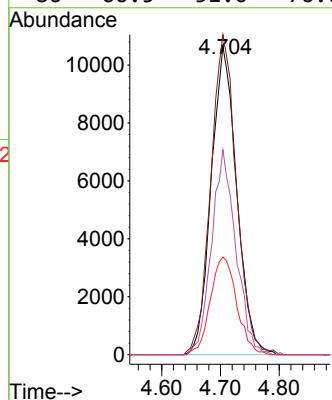


#20
Methylene Chloride
Concen: 6.502 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY014541.D
Acq: 03 Jul 2023 17:32

Instrument :
MSVOA_Y
ClientSampleId :
DUCT-1

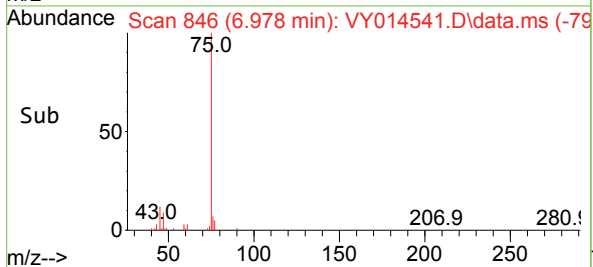
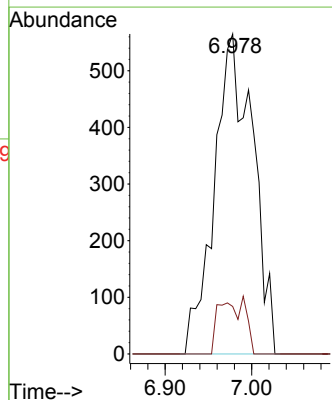
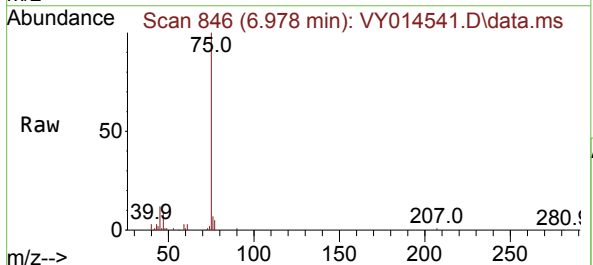


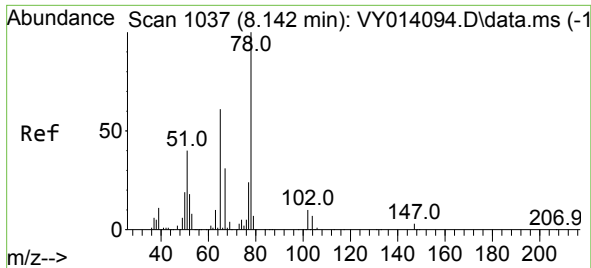
Tgt Ion: 84 Resp: 32042
Ion Ratio Lower Upper
84 100
49 103.8 106.9 160.3#
51 31.7 33.2 49.8#
86 66.5 51.0 76.6



#25
2-Butanone
Concen: 1.460 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014541.D
Acq: 03 Jul 2023 17:32

Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
72 14.9 20.5 30.7#

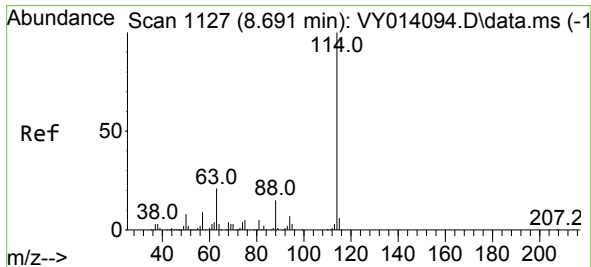
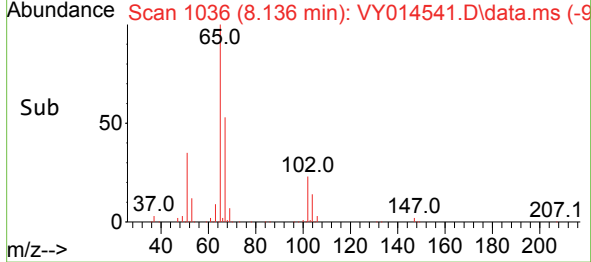
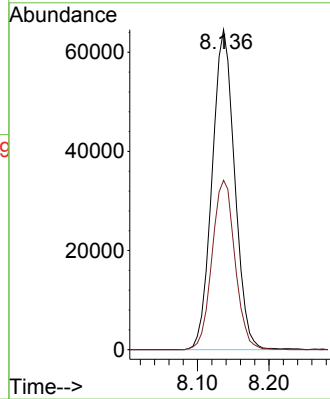
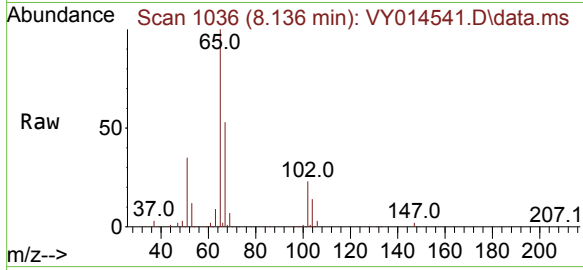




#33
 1,2-Dichloroethane-d4
 Concen: 54.769 ug/l
 RT: 8.136 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY014541.D
 Acq: 03 Jul 2023 17:32

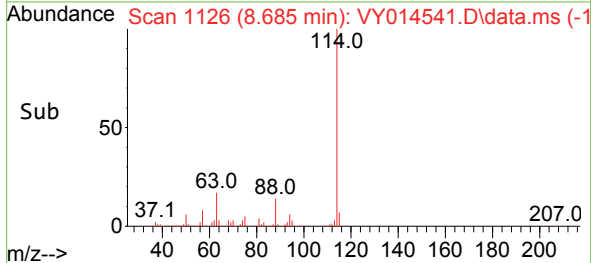
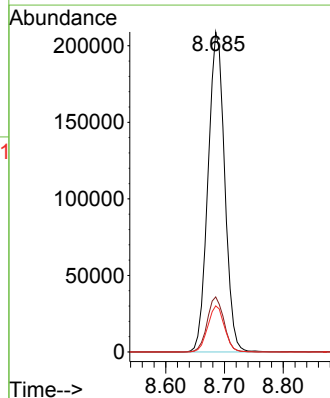
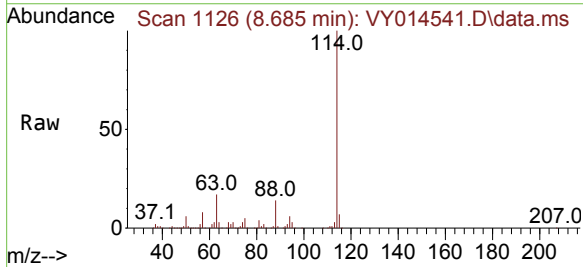
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCT-1

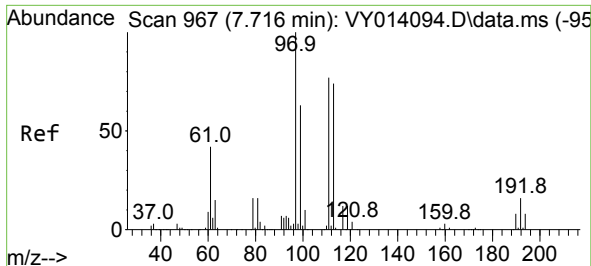
Tgt Ion: 65 Resp: 141399
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014541.D
 Acq: 03 Jul 2023 17:32

Tgt Ion: 114 Resp: 411571
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 42.4
 88 14.4 0.0 30.6

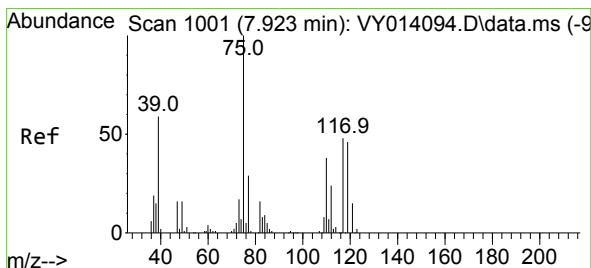
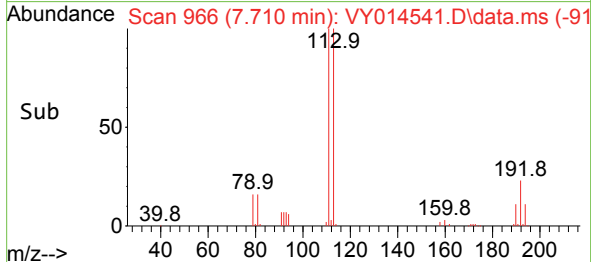
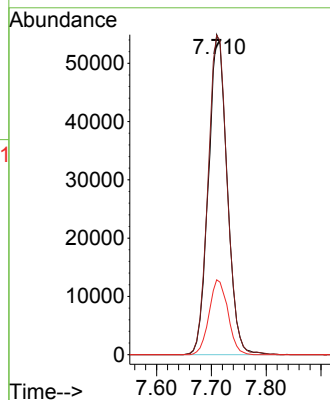
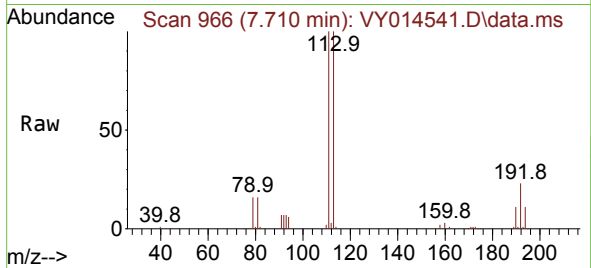




#35
Dibromofluoromethane
Concen: 51.434 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014541.D
Acq: 03 Jul 2023 17:32

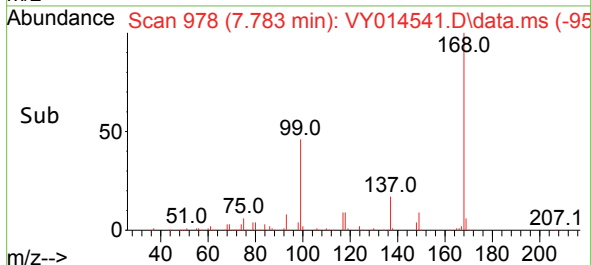
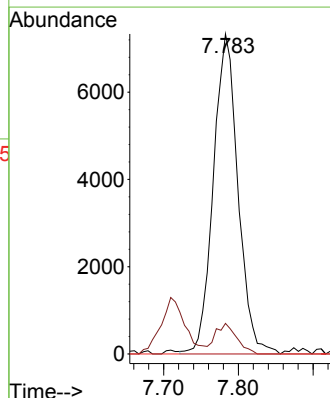
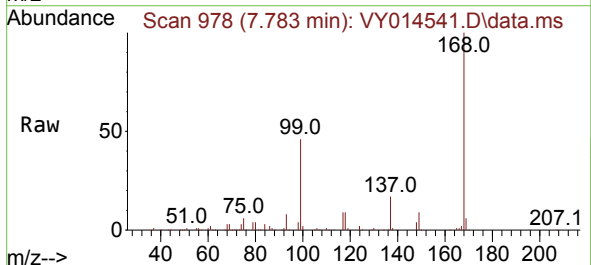
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-1

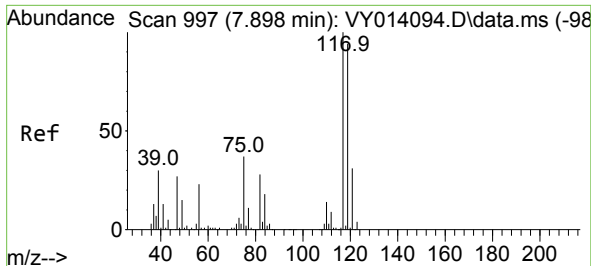
Tgt Ion:113 Resp: 130358
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 23.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.329 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014541.D
Acq: 03 Jul 2023 17:32

Tgt Ion: 75 Resp: 16802
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 24.4 36.6#

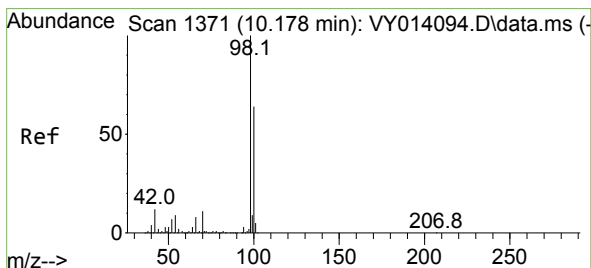
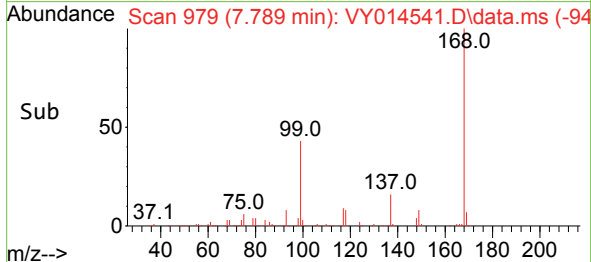
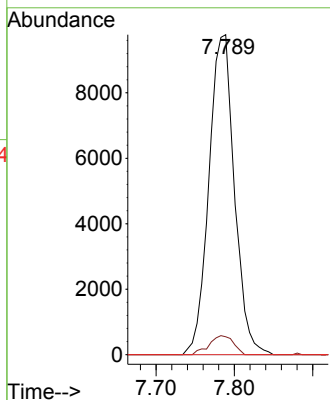
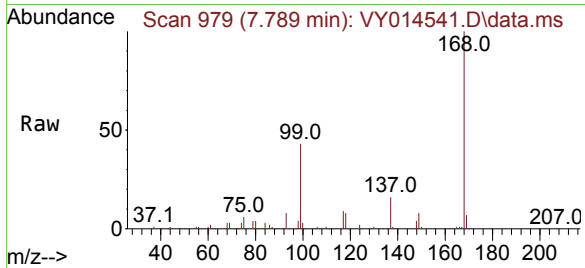




#38
Carbon Tetrachloride
Concen: 5.466 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014541.D
Acq: 03 Jul 2023 17:32

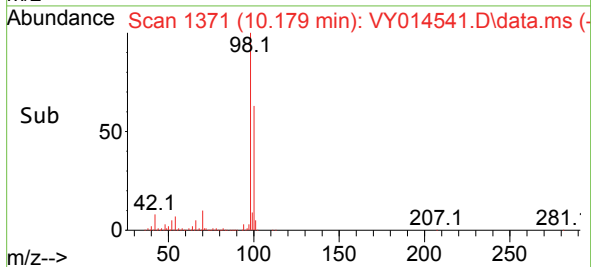
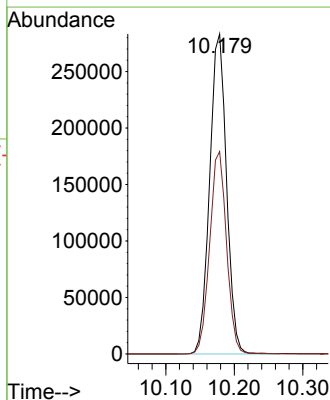
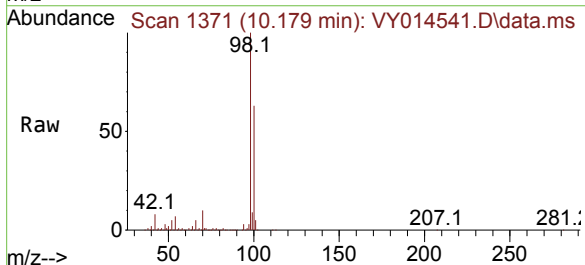
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-1

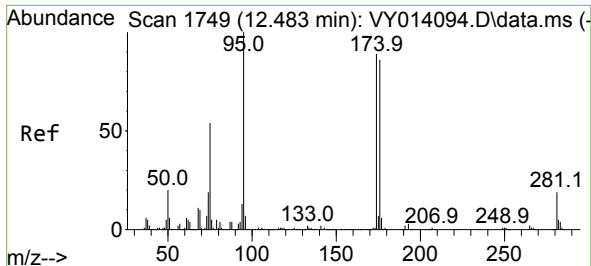
Tgt Ion:117 Resp: 22146
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.433 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014541.D
Acq: 03 Jul 2023 17:32

Tgt Ion: 98 Resp: 485259
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1

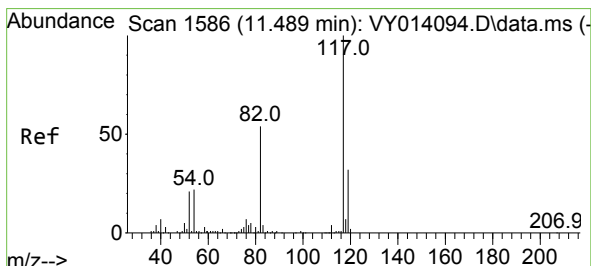
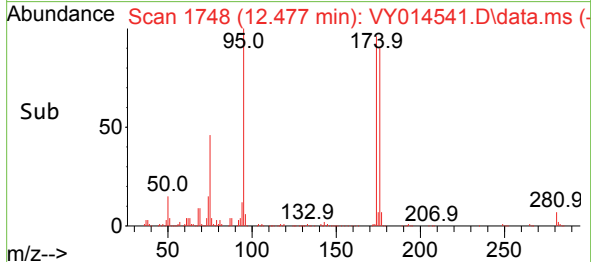
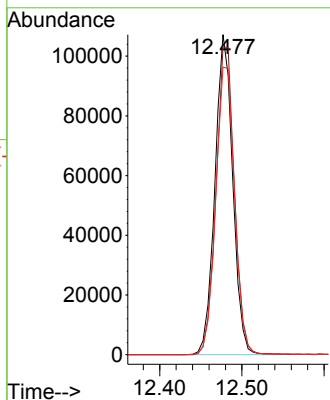
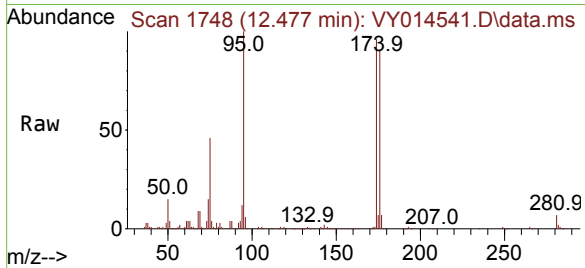




#62
4-Bromofluorobenzene
Concen: 46.333 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014541.D
Acq: 03 Jul 2023 17:32

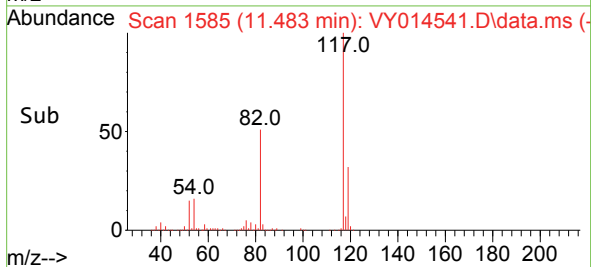
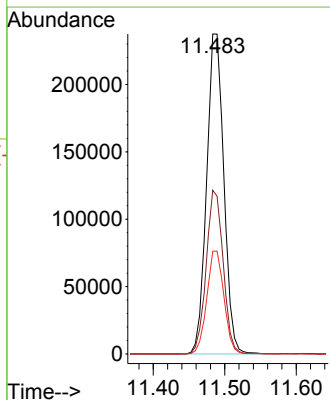
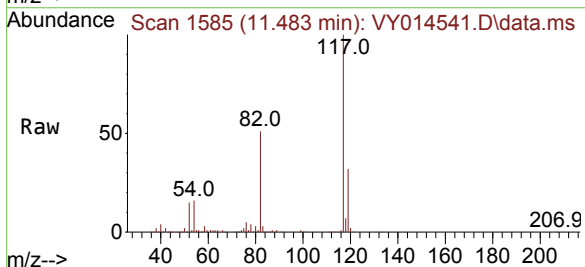
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-1

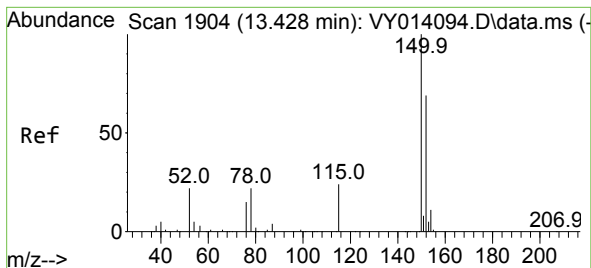
Tgt Ion: 95 Resp: 161196
Ion Ratio Lower Upper
95 100
174 99.9 0.0 178.2
176 95.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014541.D
Acq: 03 Jul 2023 17:32

Tgt Ion: 117 Resp: 397246
Ion Ratio Lower Upper
117 100
82 51.2 43.4 65.0
119 32.1 26.3 39.5

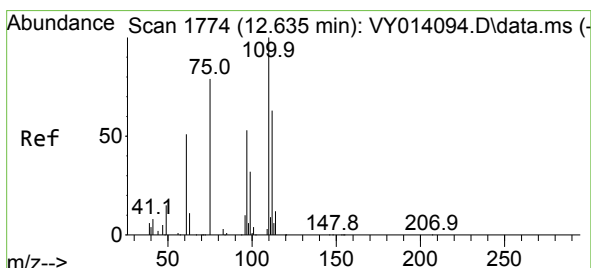
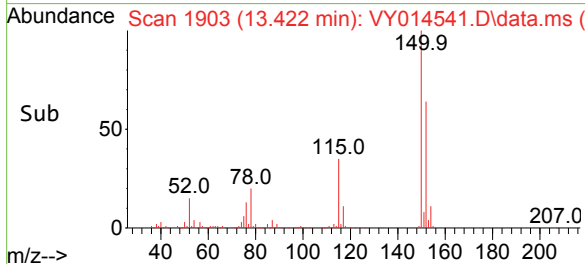
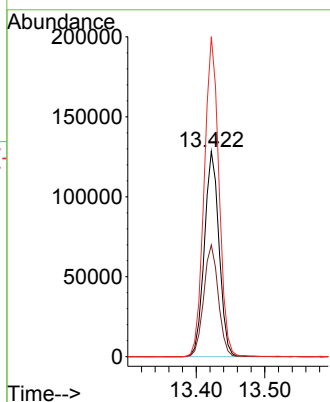
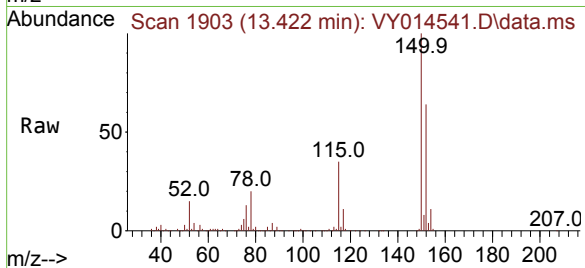




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014541.D
 Acq: 03 Jul 2023 17:32

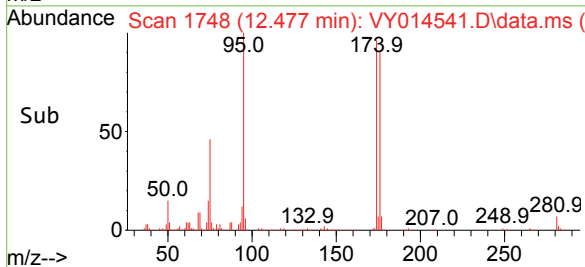
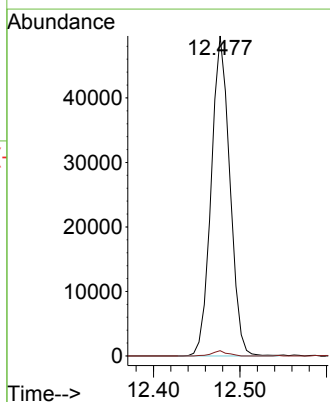
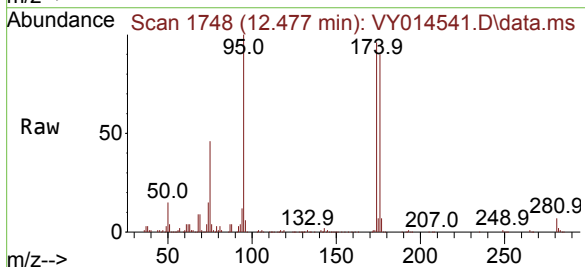
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCT-1

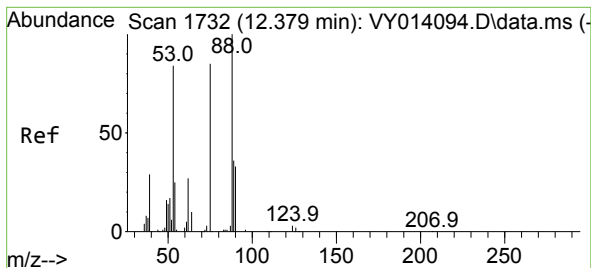
Tgt Ion:152 Resp: 191430
 Ion Ratio Lower Upper
 152 100
 115 54.3 28.8 86.5
 150 156.4 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 33.076 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014541.D
 Acq: 03 Jul 2023 17:32

Tgt Ion: 75 Resp: 74301
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.380 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014541.D
 Acq: 03 Jul 2023 17:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCT-1

Tgt Ion: 75 Resp: 74301
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.0 37.4 56.0#

