

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014546.D
 Acq On : 03 Jul 2023 19:31
 Operator : KP/MD
 Sample : 03488-03
 Misc : 8.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-GRAB

Quant Time: Jul 04 03:05:45 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	267011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	426794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	419777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201877	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160289	60.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.700%
35) Dibromofluoromethane	7.715	113	143494	54.597	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.200%
50) Toluene-d8	10.178	98	512680	49.345	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.477	95	168052	46.581	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.160%

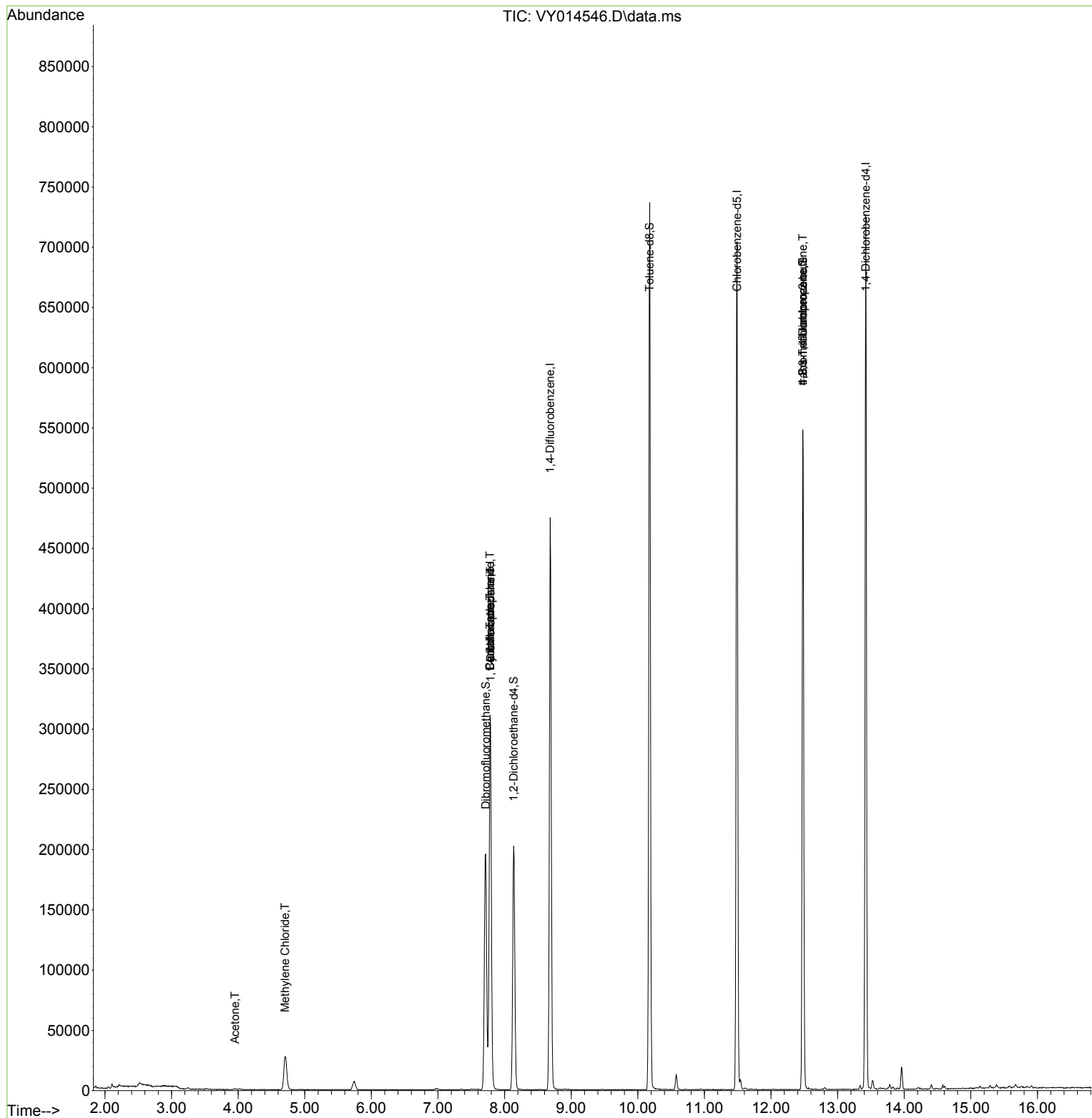
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	73	Below Cal	#	43
11) Tert butyl alcohol	4.972	59	95	Below Cal	#	89
13) Acrolein	3.716	56	32	Below Cal	#	14
16) Acetone	3.954	43	1235	1.489	ug/l #	84
20) Methylene Chloride	4.704	84	23515	2.982	ug/l #	79
31) Cyclohexane	7.783	56	4380	1.051	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16992	4.222	ug/l #	48
38) Carbon Tetrachloride	7.783	117	22060	5.250	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	76918	32.469	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	76918	63.198	ug/l #	11

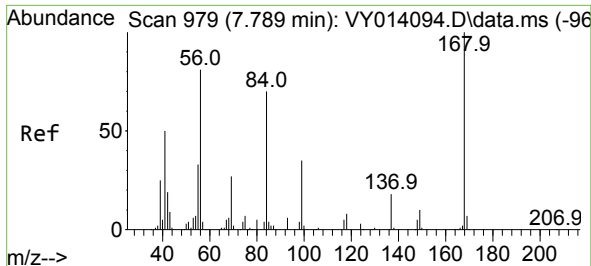
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

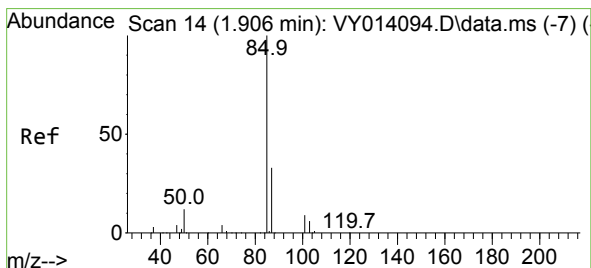
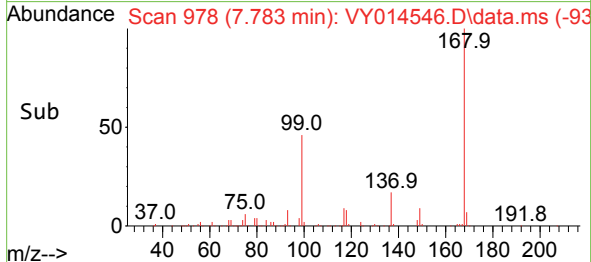
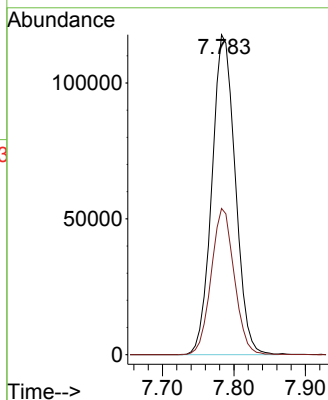
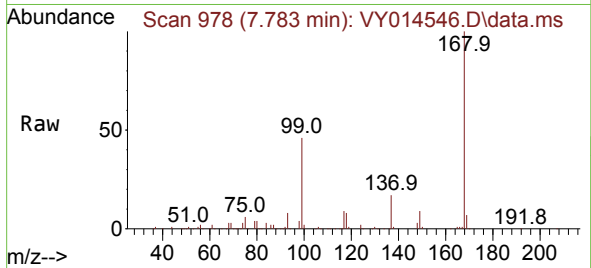




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

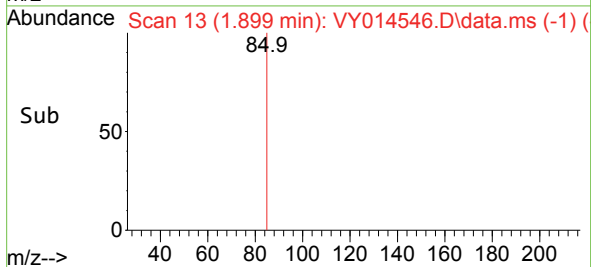
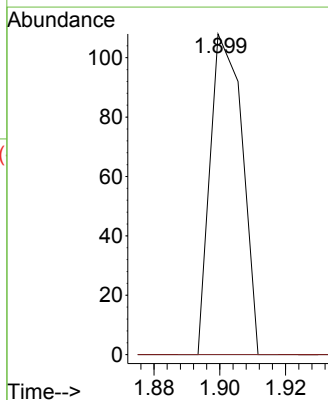
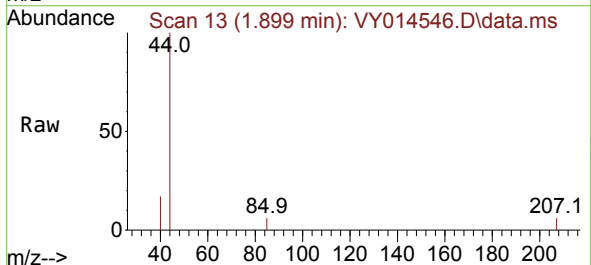
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-GRAB

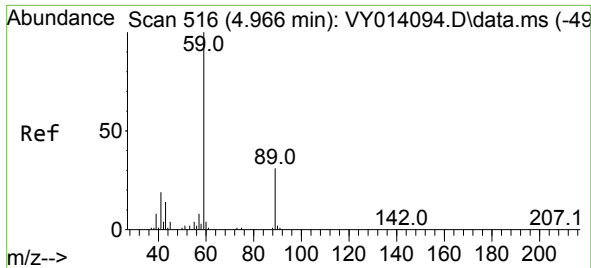
Tgt Ion:168 Resp: 267011
Ion Ratio Lower Upper
168 100
99 45.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.007 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

Tgt Ion: 85 Resp: 73
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

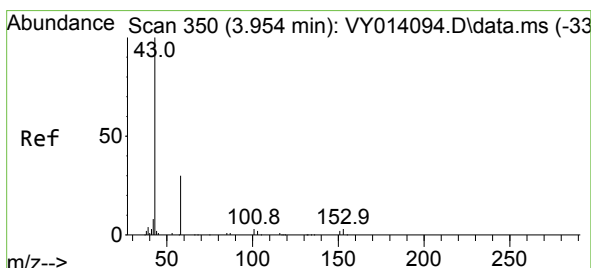
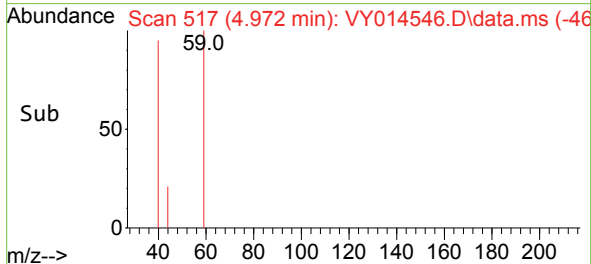
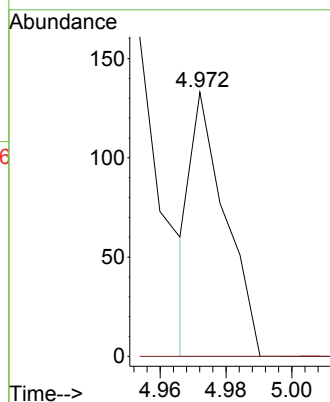
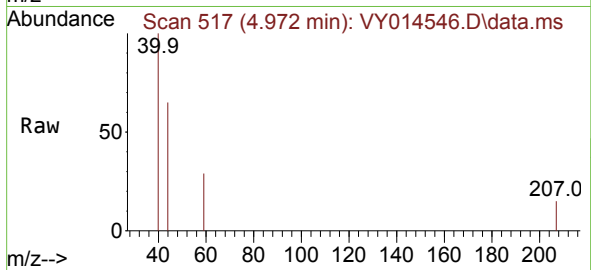




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

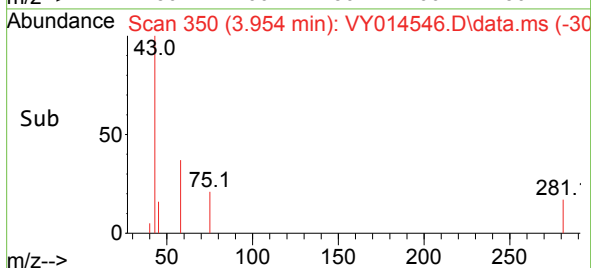
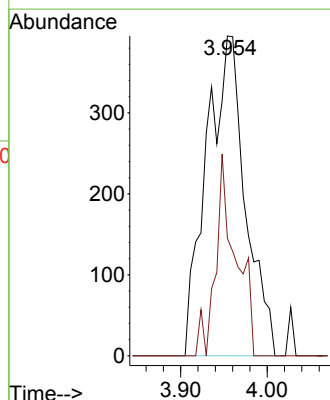
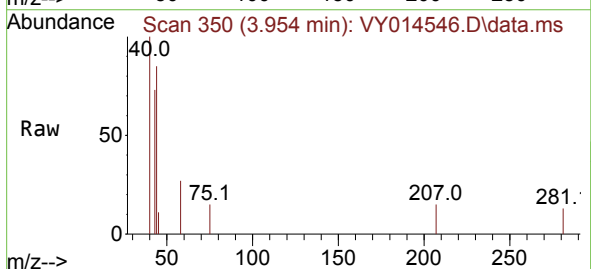
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-GRAB

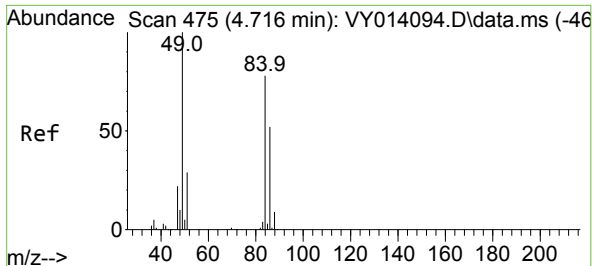
Tgt Ion: 59 Resp: 95
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 1.489 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

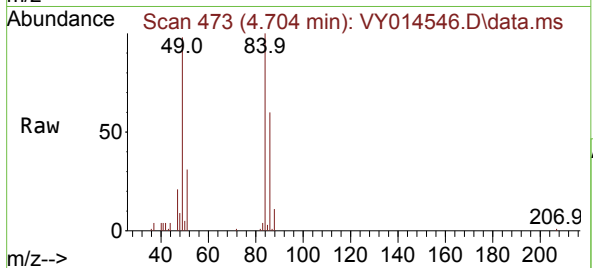
Tgt Ion: 43 Resp: 1235
Ion Ratio Lower Upper
43 100
58 36.7 22.7 34.1#



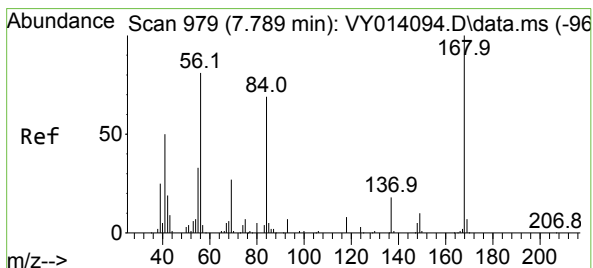
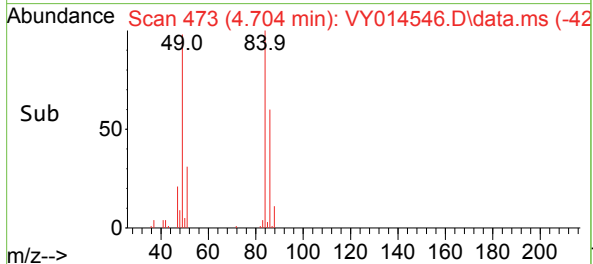
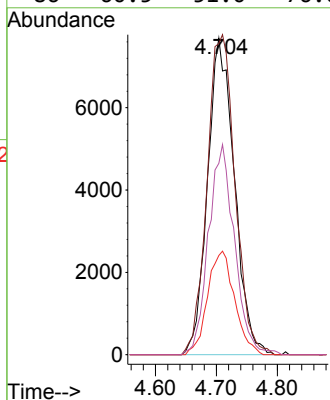


#20
Methylene Chloride
Concen: 2.982 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

Instrument :
MSVOA_Y
ClientSampleId :
WC-1-GRAB

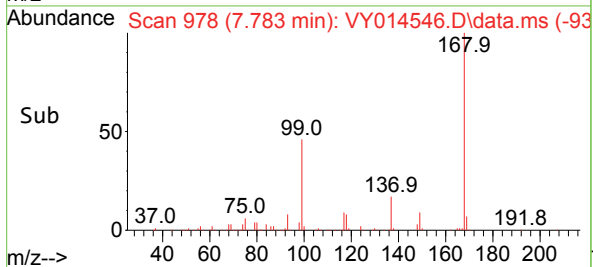
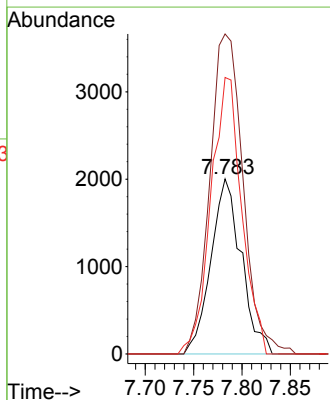
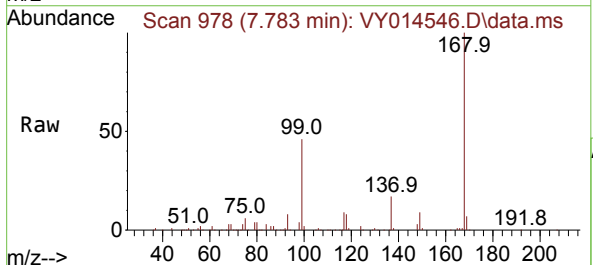


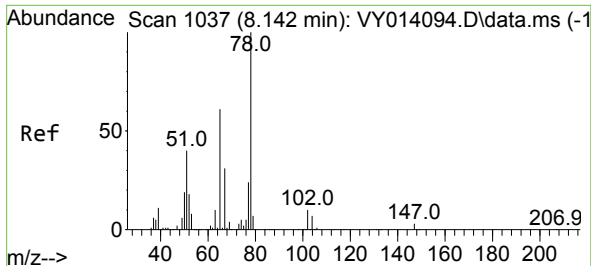
Tgt Ion: 84 Resp: 23515
Ion Ratio Lower Upper
84 100
49 98.3 106.9 160.3#
51 31.4 33.2 49.8#
86 60.5 51.0 76.6



#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

Tgt Ion: 56 Resp: 4380
Ion Ratio Lower Upper
56 100
69 182.8 27.8 41.6#
84 158.0 66.4 99.6#

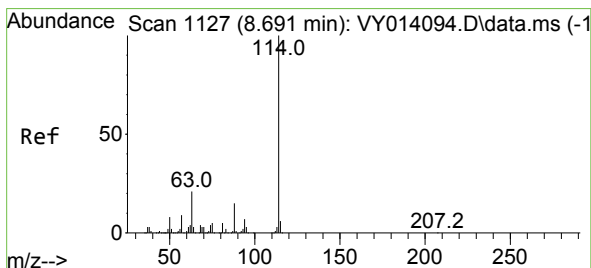
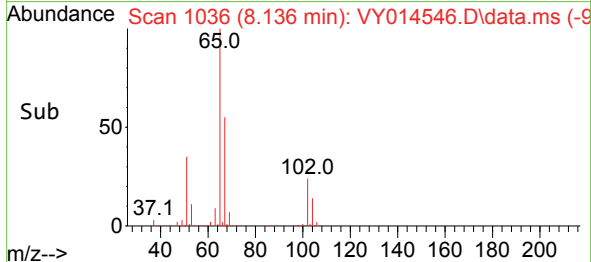
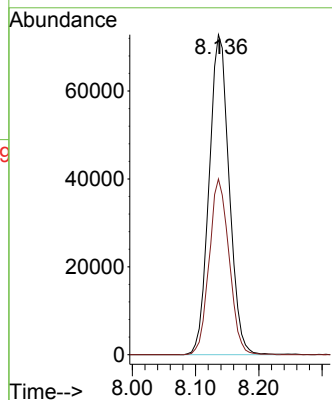
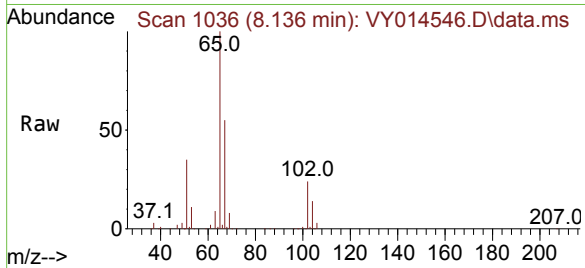




#33
 1,2-Dichloroethane-d4
 Concen: 60.346 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY014546.D
 Acq: 03 Jul 2023 19:31

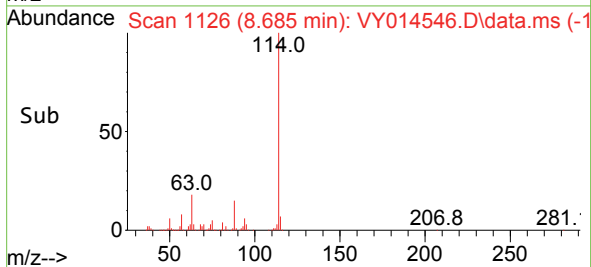
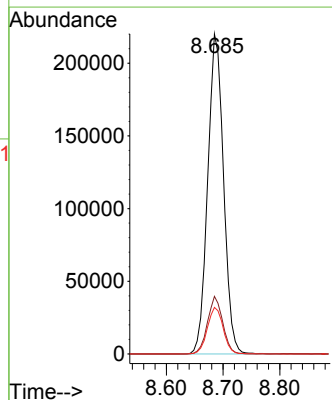
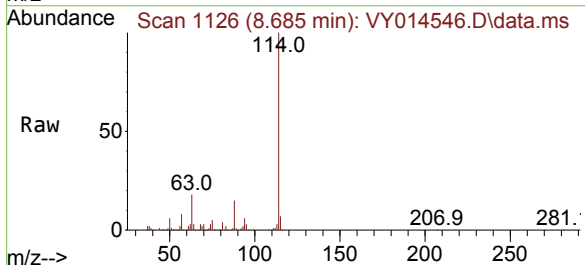
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-GRAB

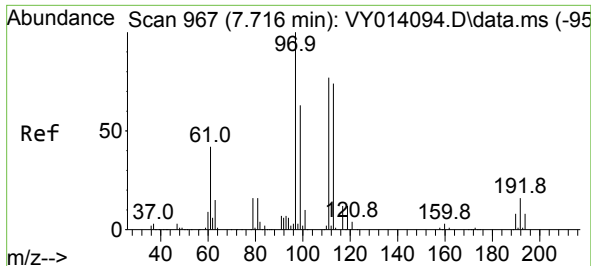
Tgt Ion: 65 Resp: 160289
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY014546.D
 Acq: 03 Jul 2023 19:31

Tgt Ion:114 Resp: 426794
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 42.4
 88 14.6 0.0 30.6

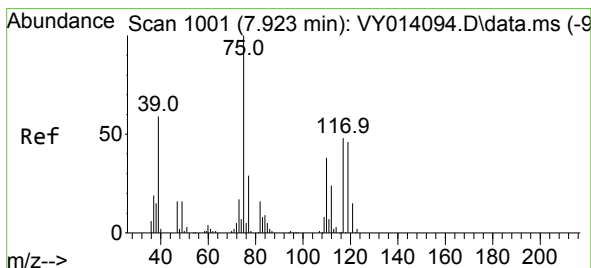
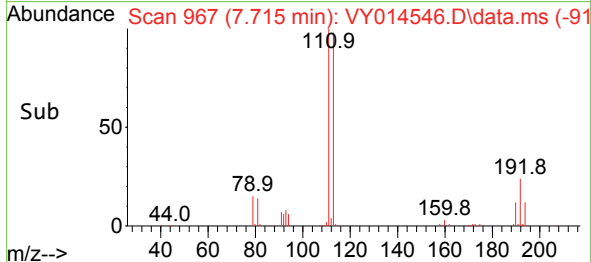
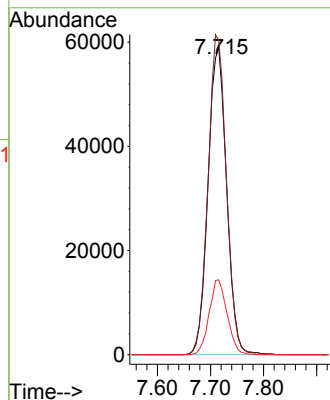
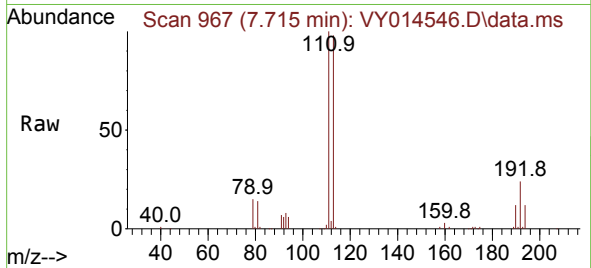




#35
Dibromofluoromethane
Concen: 54.597 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

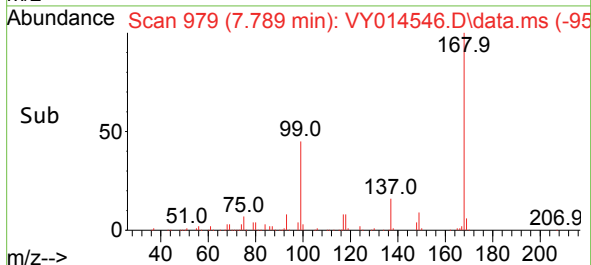
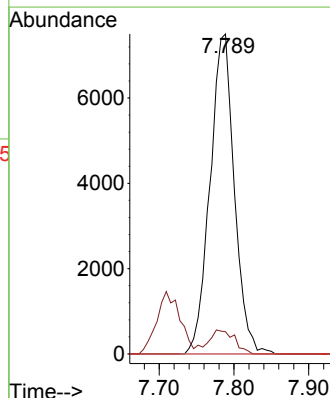
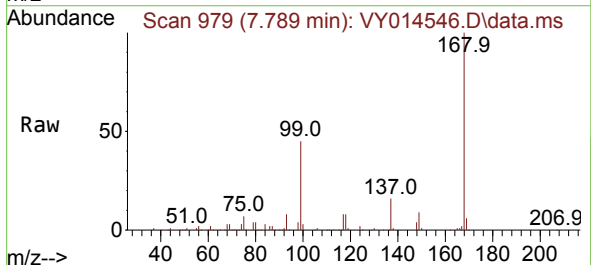
Instrument :
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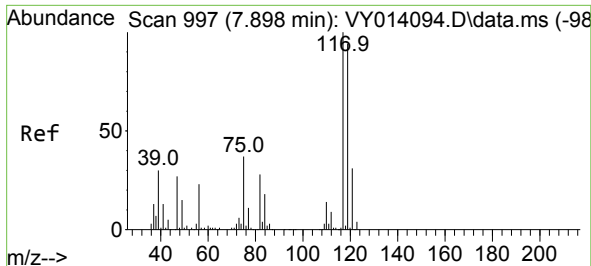
Tgt Ion:113 Resp: 143494
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 23.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.222 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

Tgt Ion: 75 Resp: 16992
Ion Ratio Lower Upper
75 100
110 7.4 17.8 53.5#
77 0.0 24.4 36.6#

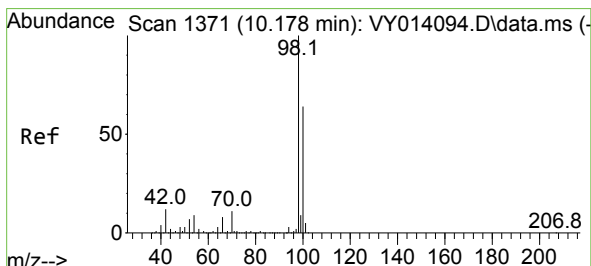
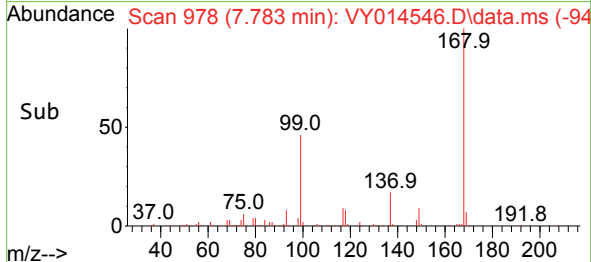
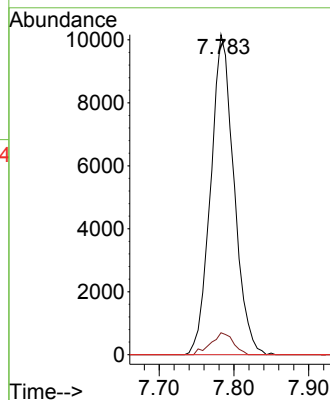
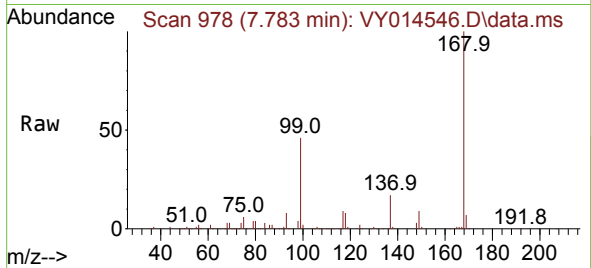




#38
Carbon Tetrachloride
Concen: 5.250 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

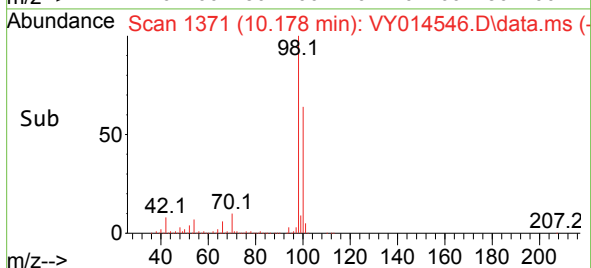
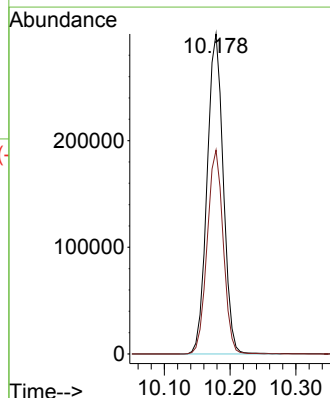
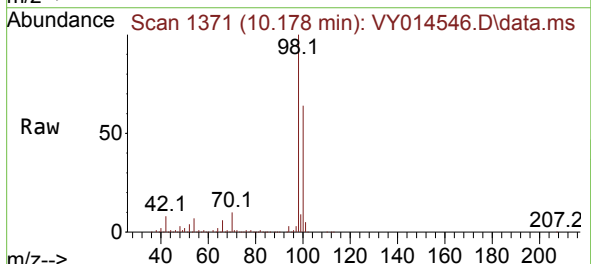
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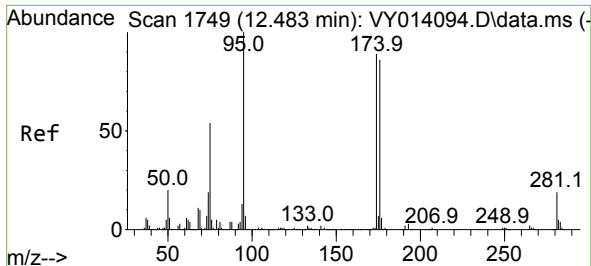
Tgt Ion:117 Resp: 22060
Ion Ratio Lower Upper
117 100
119 6.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.345 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

Tgt Ion: 98 Resp: 512680
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1

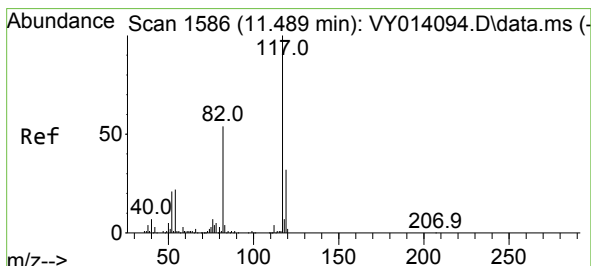
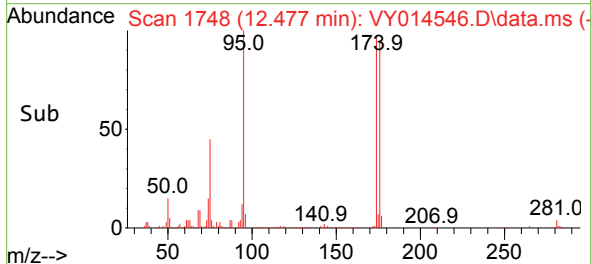
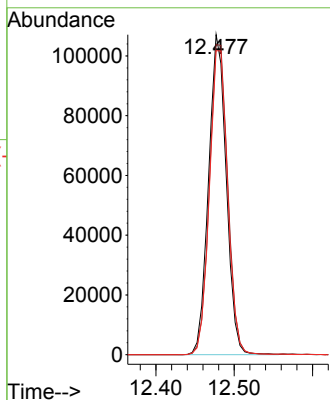
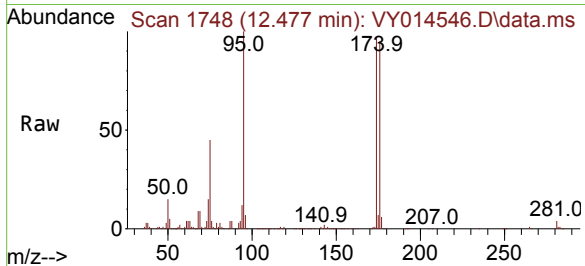




#62
4-Bromofluorobenzene
Concen: 46.581 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

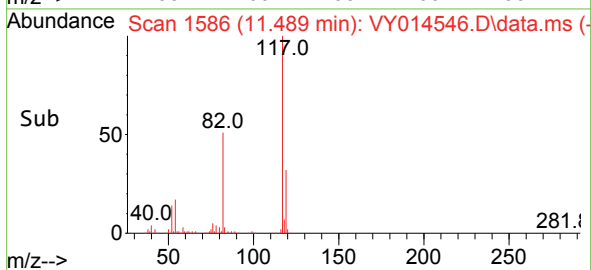
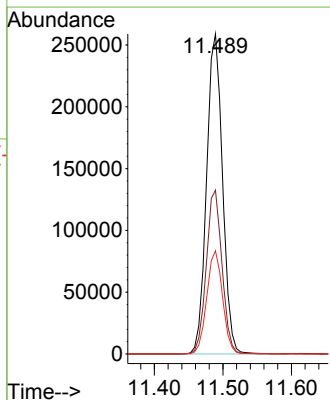
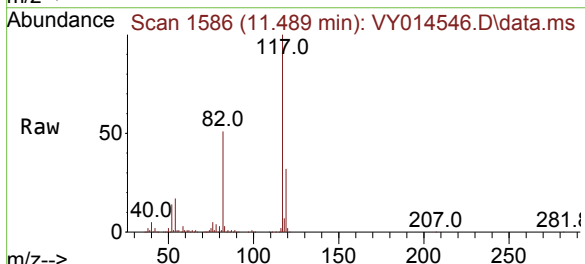
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-GRAB

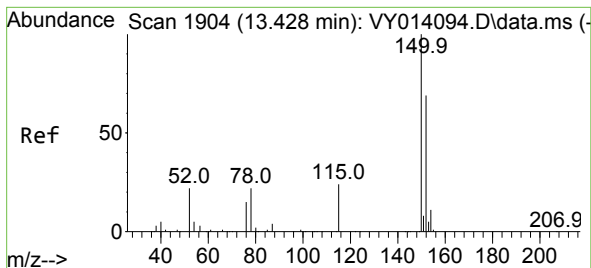
Tgt Ion: 95 Resp: 168052
Ion Ratio Lower Upper
95 100
174 100.7 0.0 178.2
176 97.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

Tgt Ion: 117 Resp: 419777
Ion Ratio Lower Upper
117 100
82 51.2 43.4 65.0
119 32.2 26.3 39.5

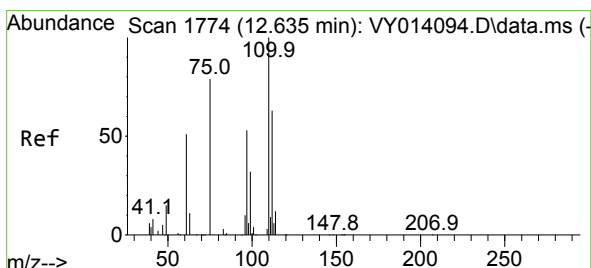
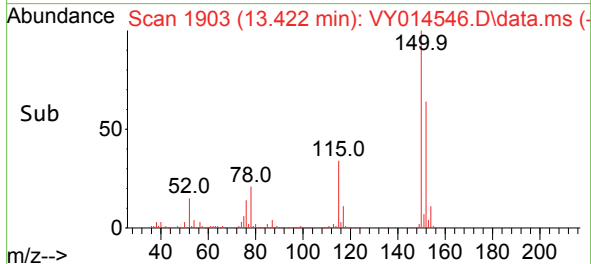
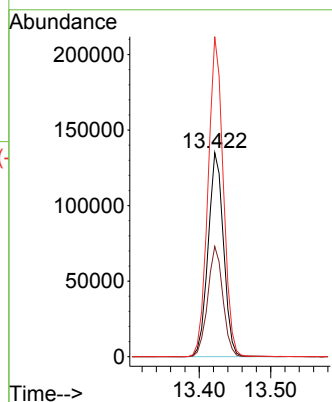
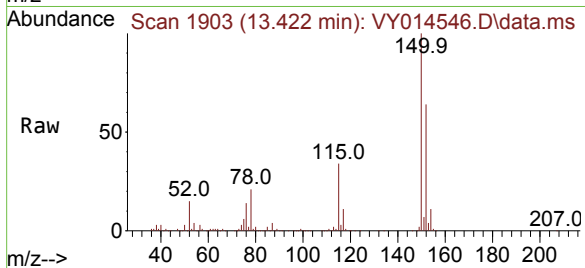




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014546.D
 Acq: 03 Jul 2023 19:31

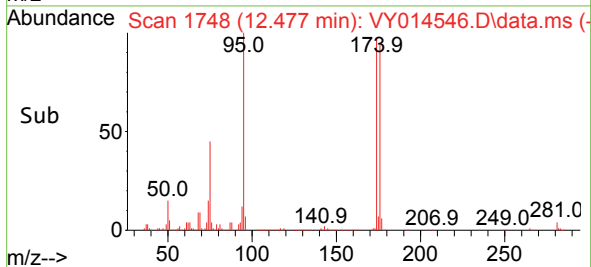
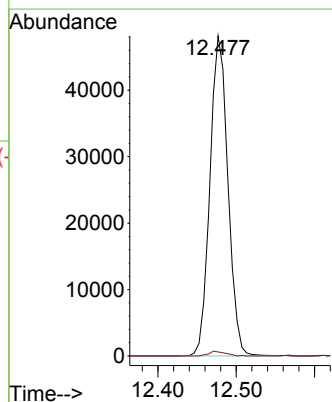
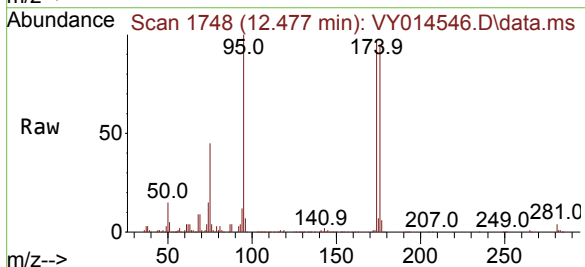
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-GRAB

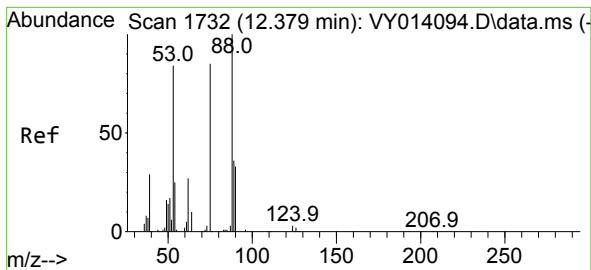
Tgt Ion:152 Resp: 201877
 Ion Ratio Lower Upper
 152 100
 115 53.3 28.8 86.5
 150 155.5 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 32.469 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014546.D
 Acq: 03 Jul 2023 19:31

Tgt Ion: 75 Resp: 76918
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.198 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY014546.D
Acq: 03 Jul 2023 19:31

Instrument :
MSVOA_Y
ClientSampleId :
WC-1-GRAB

Tgt Ion: 75 Resp: 76918
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#

