

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010538.D
 Acq On : 16 Sep 2022 16:27
 Operator : KP/MD
 Sample : N4630-24
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-5-GR

Quant Time: Sep 17 00:29:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	202094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	348030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	310724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	118041	57.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.980%
35) Dibromofluoromethane	7.710	113	107869	43.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.280%
50) Toluene-d8	10.179	98	411197	51.331	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.477	95	125135	37.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.840%

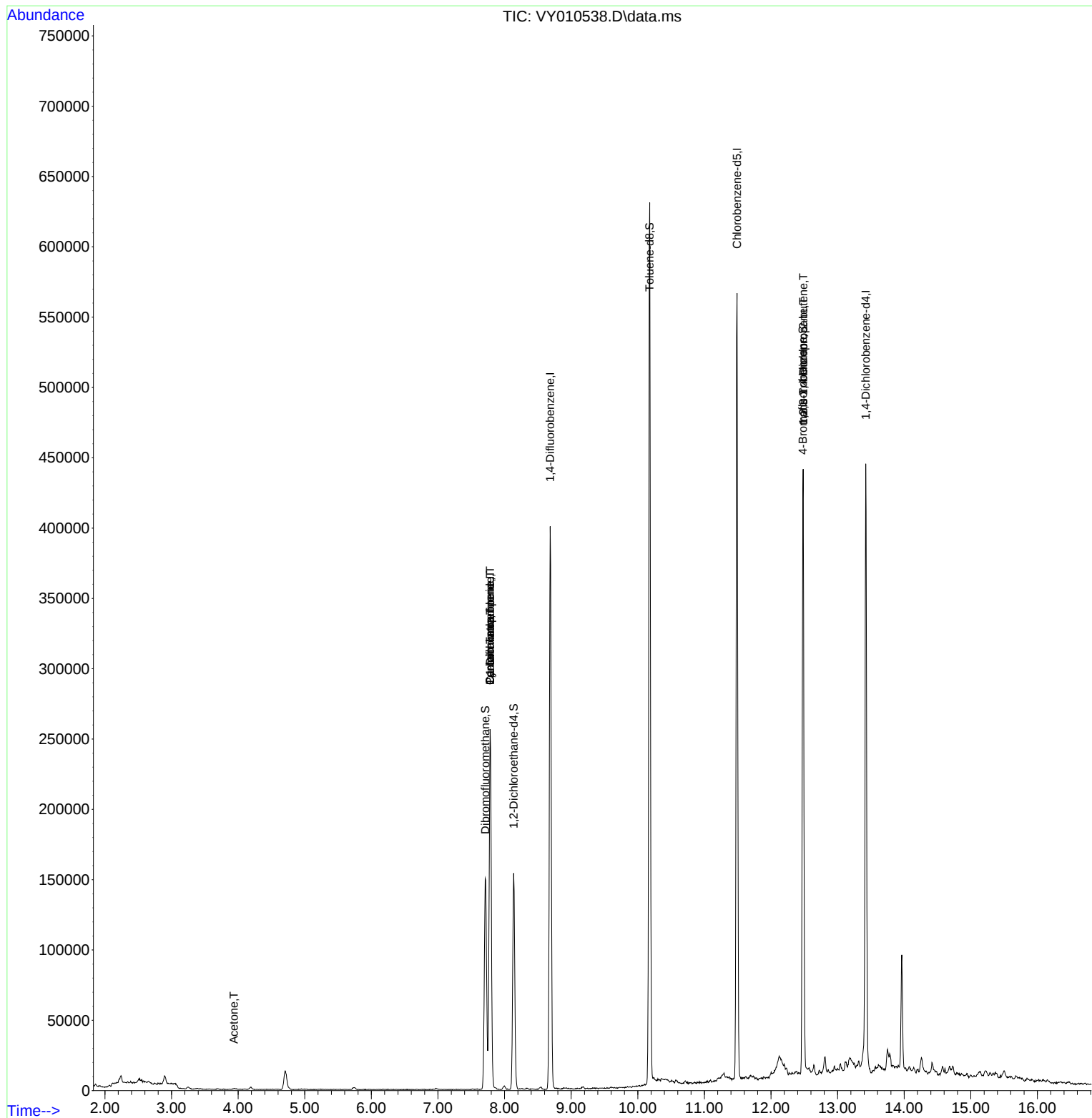
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	97	Below Cal	# 43
11) Tert butyl alcohol	4.942	59	447	Below Cal	# 77
16) Acetone	3.936	43	1193	2.554	ug/l 94
20) Methylene Chloride	4.704	84	10402	Below Cal	85
31) Cyclohexane	7.783	56	4257	1.238	ug/l # 1
36) 1,1-Dichloropropene	7.783	75	14850	4.389	ug/l # 51
38) Carbon Tetrachloride	7.783	117	20017	5.317	ug/l # 15
76) 1,2,3-Trichloropropane	12.483	75	64784	53.661	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.483	75	64784	119.147	ug/l # 8

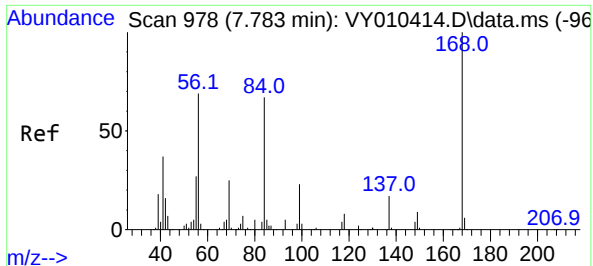
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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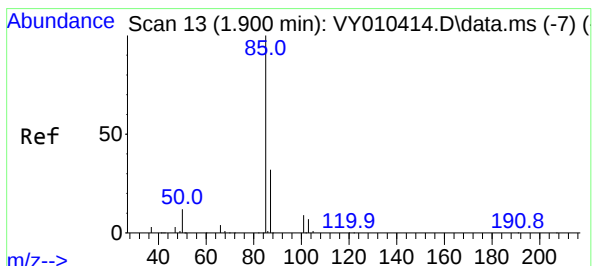
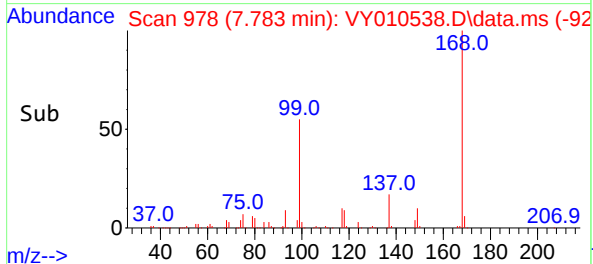
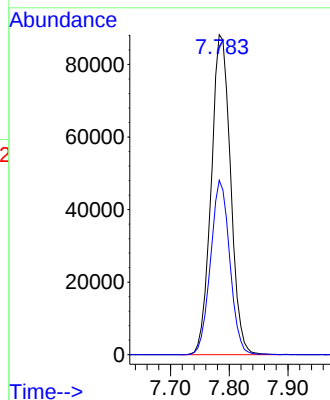
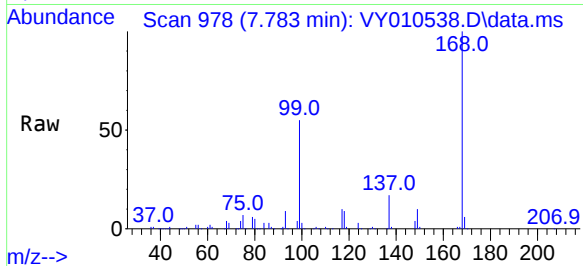




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

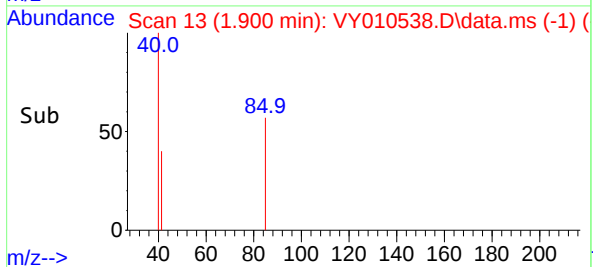
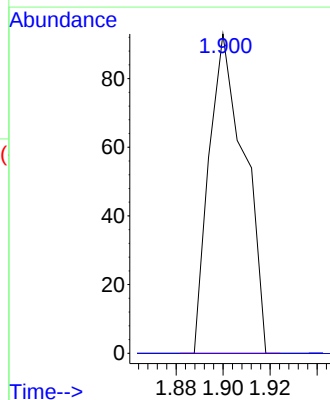
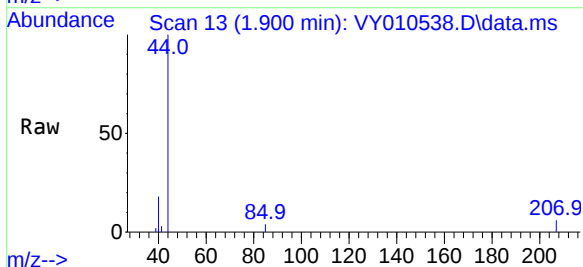
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-5-GR

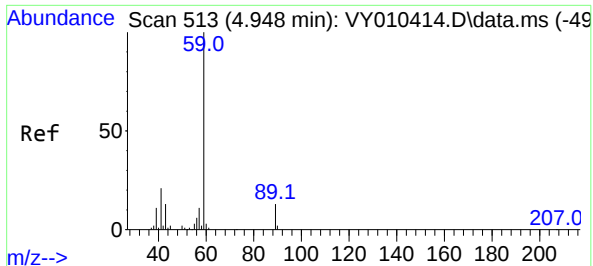
Tgt Ion:168 Resp: 202094
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

Tgt Ion: 85 Resp: 97
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY010538.D

Acq: 16 Sep 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

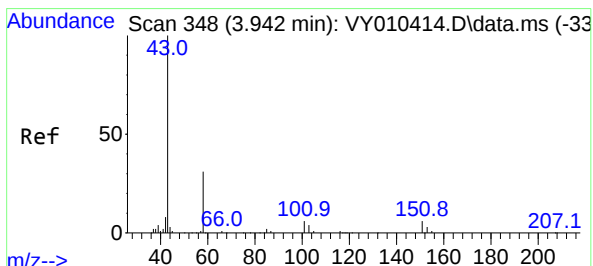
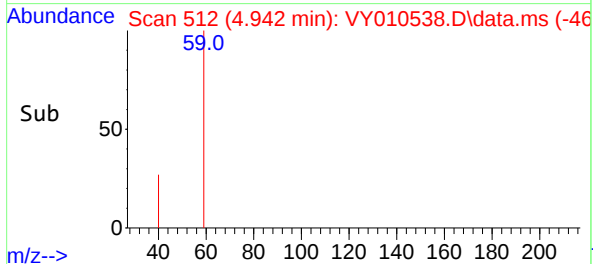
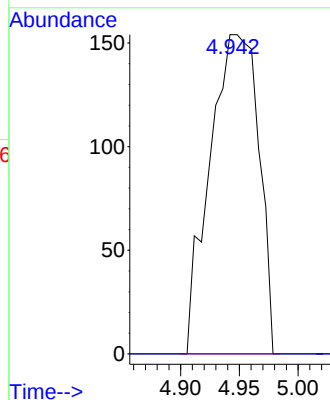
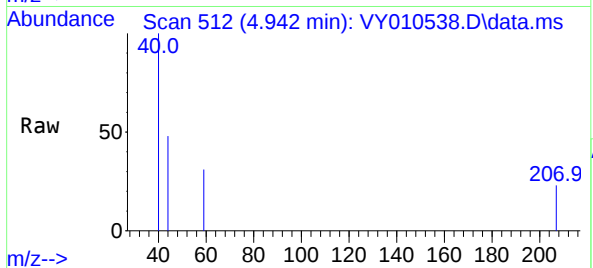
WC-17-4-5-GR

Tgt Ion: 59 Resp: 447

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.554 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY010538.D

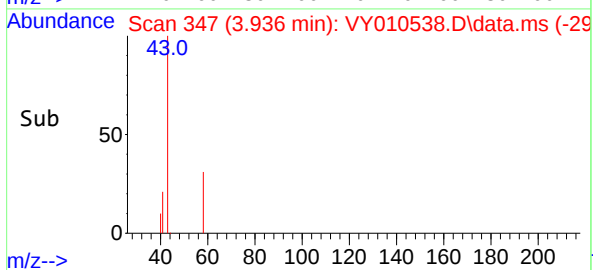
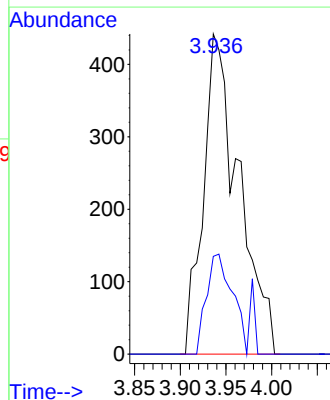
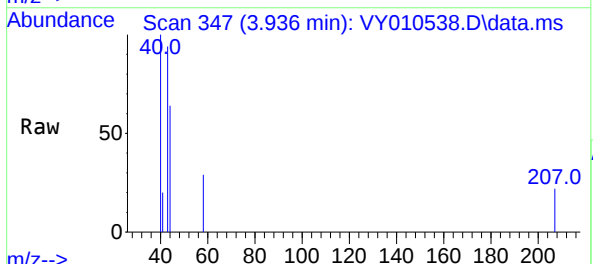
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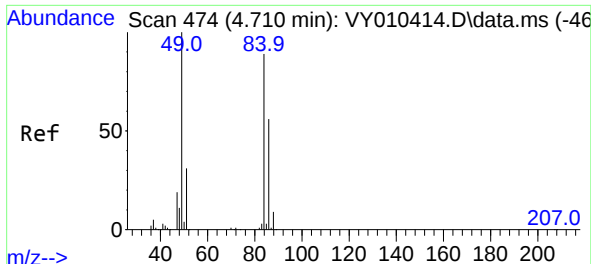
Tgt Ion: 43 Resp: 1193

Ion Ratio Lower Upper

43 100

58 30.5 22.0 33.0



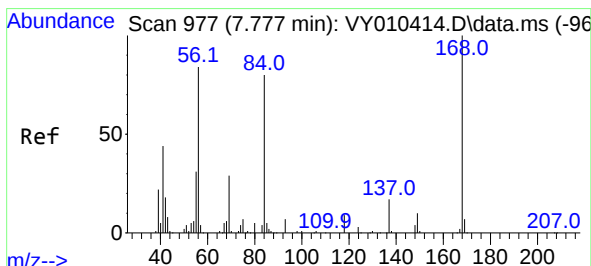
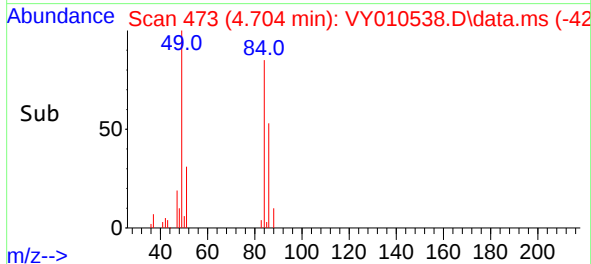
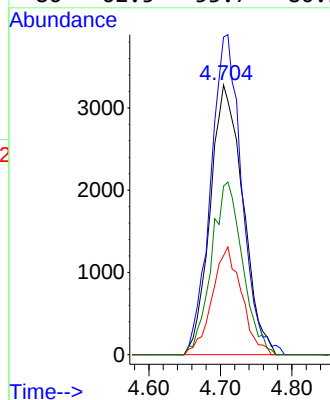
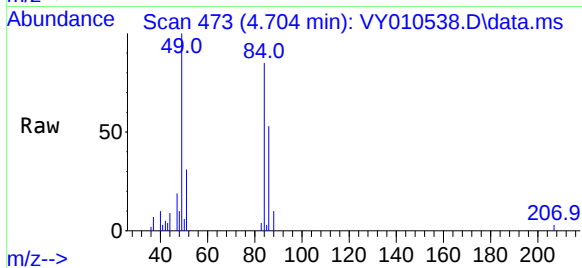


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-5-GR

Tgt Ion: 84 Resp: 10402

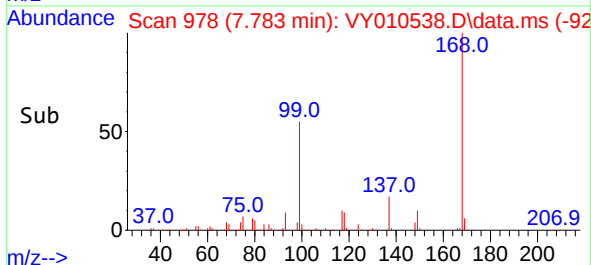
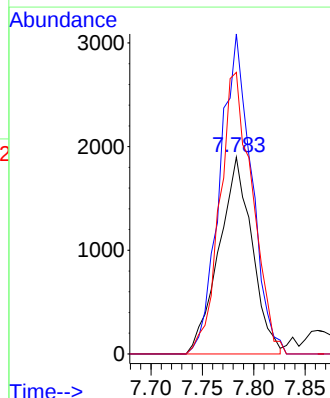
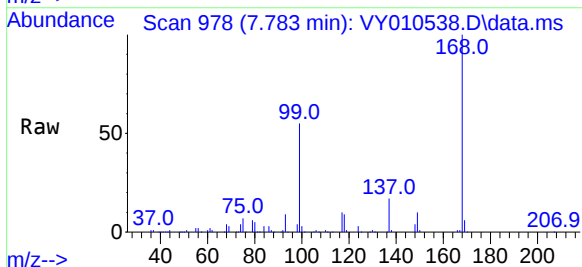
Ion	Ratio	Lower	Upper
84	100		
49	117.7	114.4	171.6
51	36.7	35.3	52.9
86	62.5	53.7	80.5

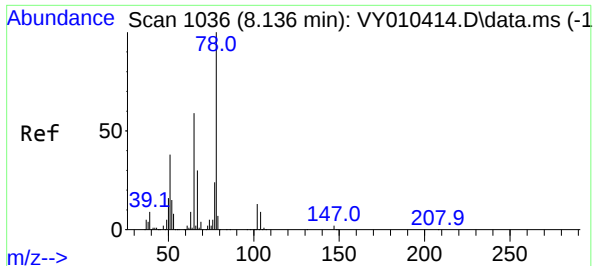


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

Tgt Ion: 56 Resp: 4257

Ion	Ratio	Lower	Upper
56	100		
69	162.6	26.7	40.1#
84	143.0	67.2	100.8#

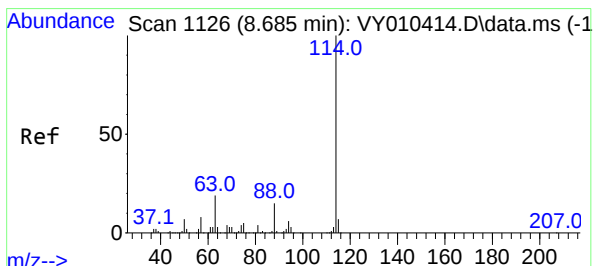
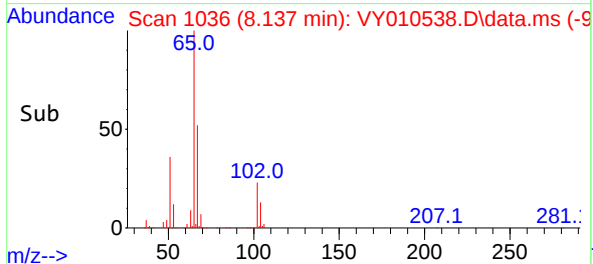
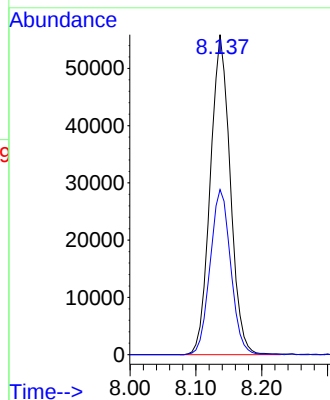
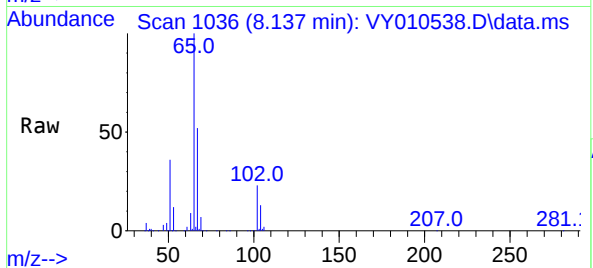




#33
1,2-Dichloroethane-d4
Concen: 57.994 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

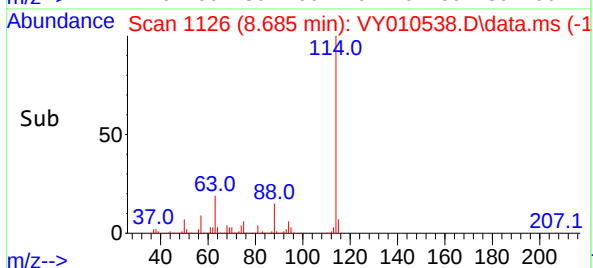
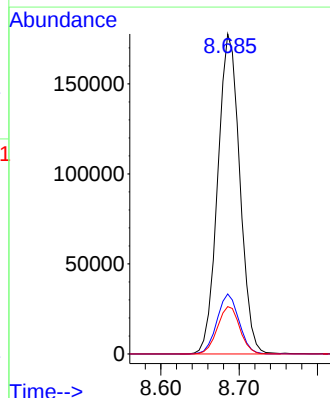
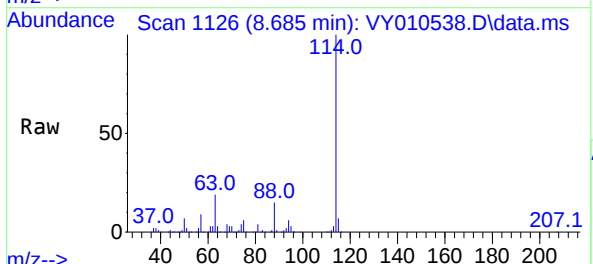
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-5-GR

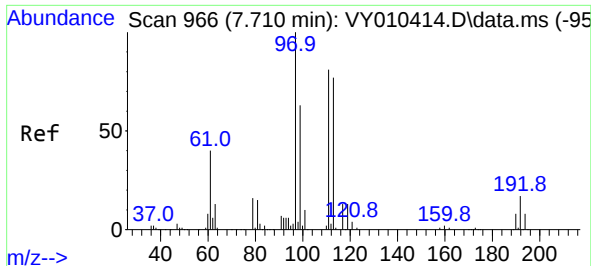
Tgt Ion: 65 Resp: 118041
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

Tgt Ion: 114 Resp: 348030
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 14.8 0.0 31.8

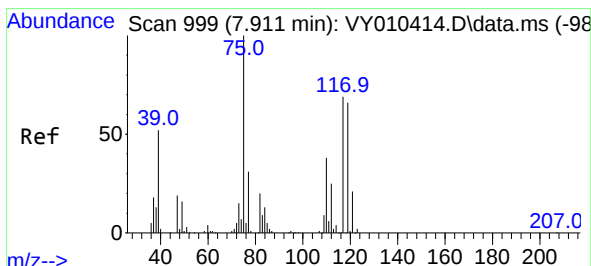
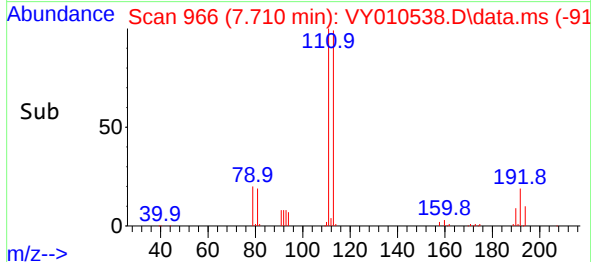
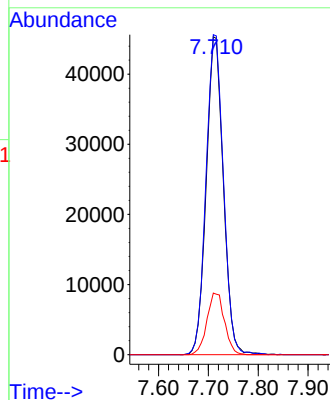
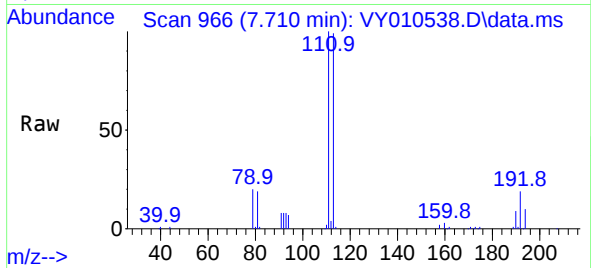




#35
Dibromofluoromethane
Concen: 43.641 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

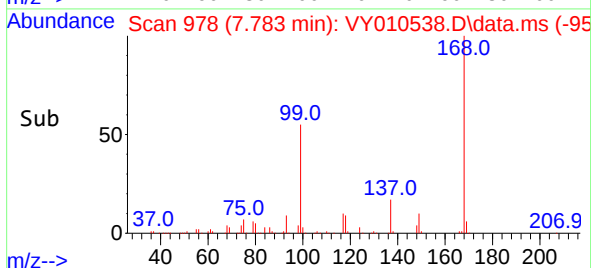
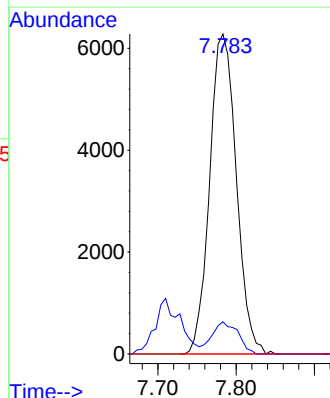
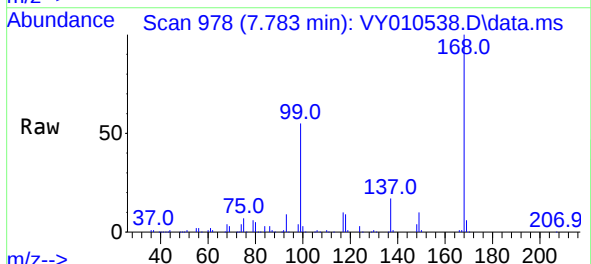
Instrument :
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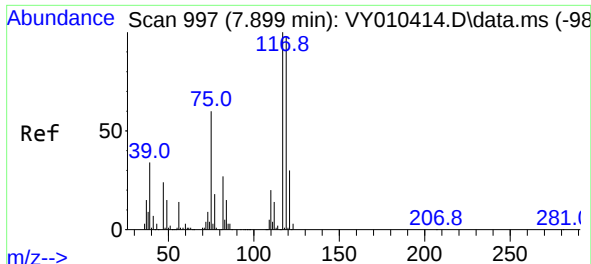
Tgt Ion:113 Resp: 107869
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.389 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

Tgt Ion: 75 Resp: 14850
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#

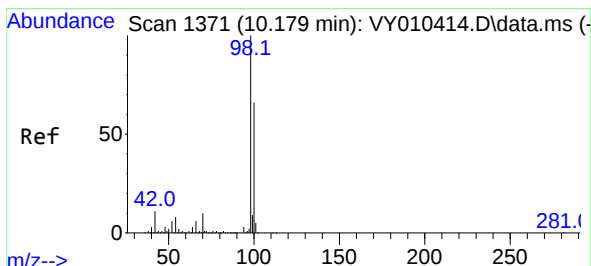
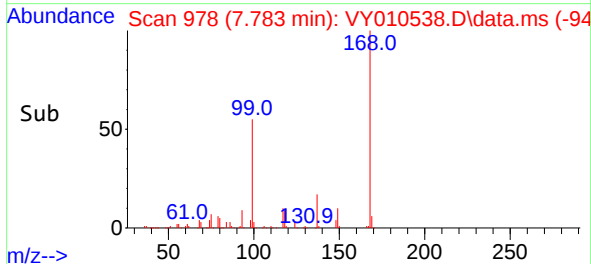
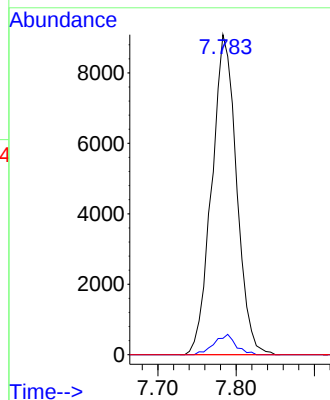
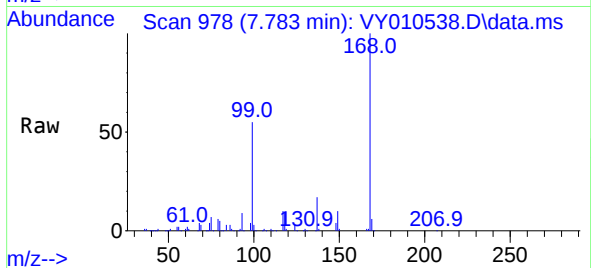




#38
Carbon Tetrachloride
Concen: 5.317 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

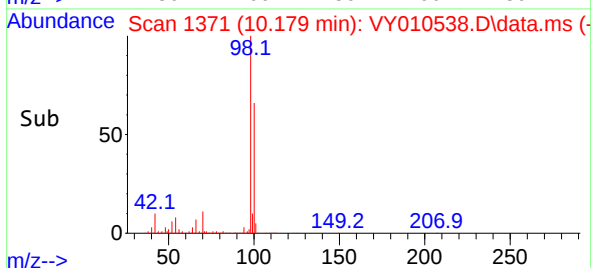
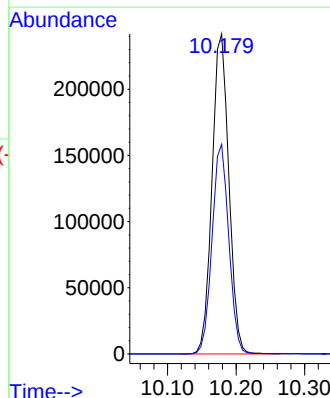
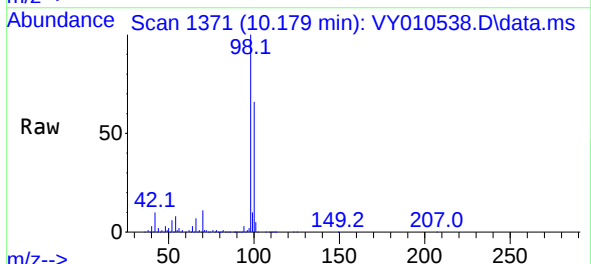
Instrument :
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WC-17-4-5-GR

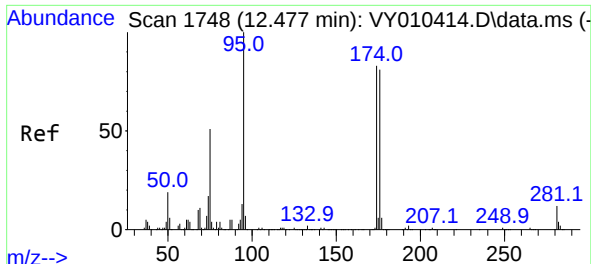
Tgt Ion:117 Resp: 20017
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.331 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

Tgt Ion: 98 Resp: 411197
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

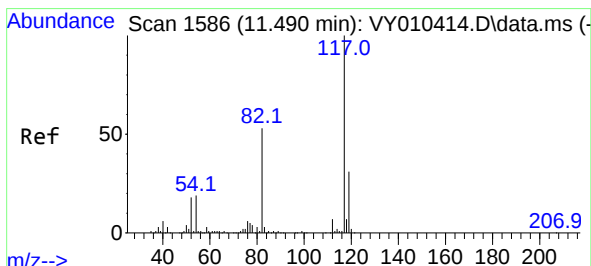
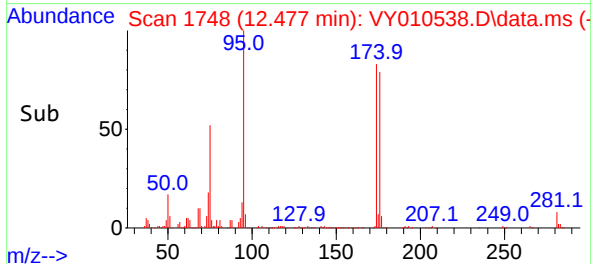
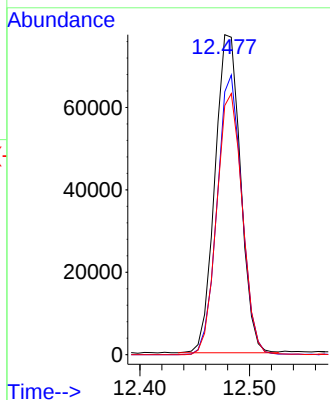
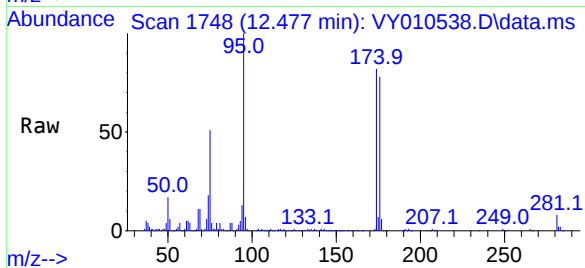




#62
4-Bromofluorobenzene
Concen: 37.922 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

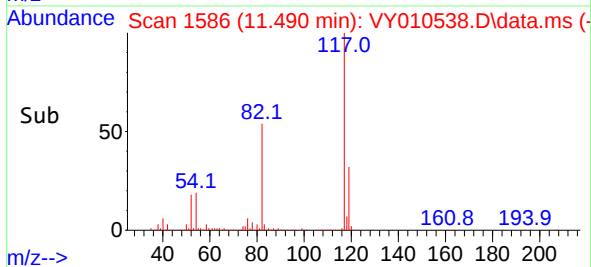
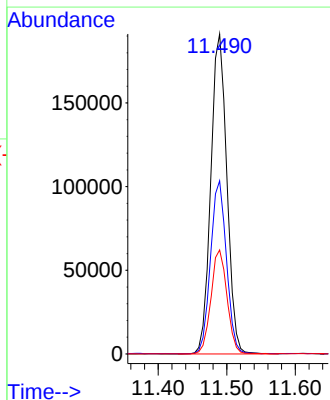
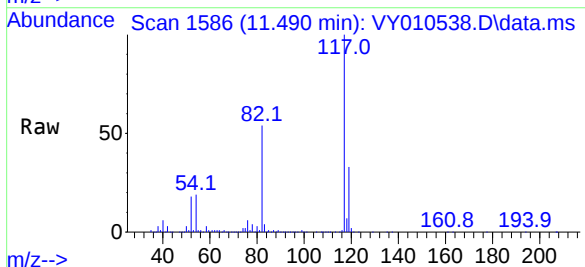
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-5-GR

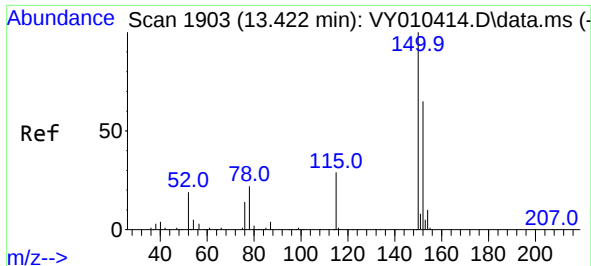
Tgt Ion: 95 Resp: 125135
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 82.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

Tgt Ion: 117 Resp: 310724
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.5 25.4 38.0

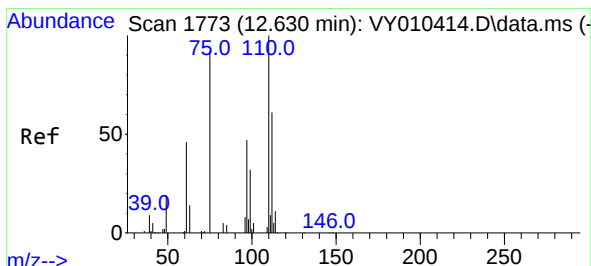
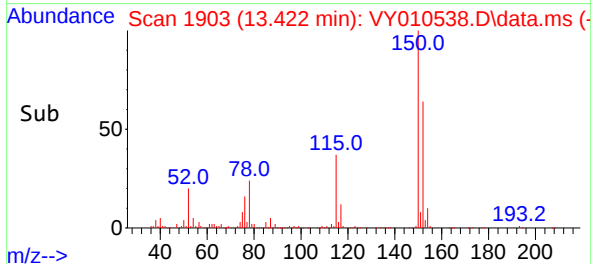
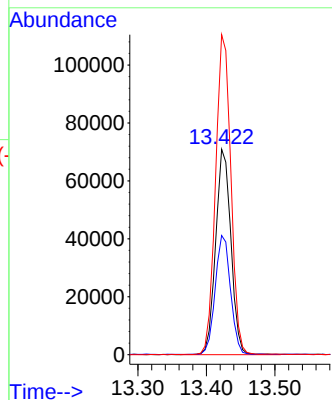
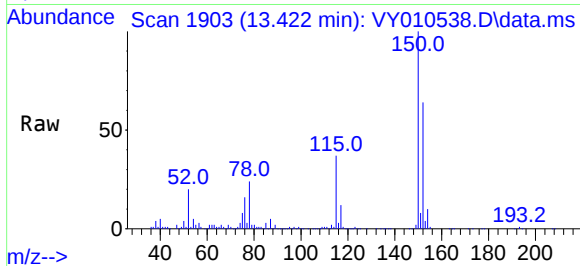




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VY010538.D
 Acq: 16 Sep 2022 16:27

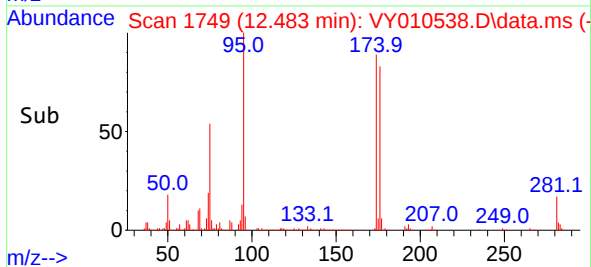
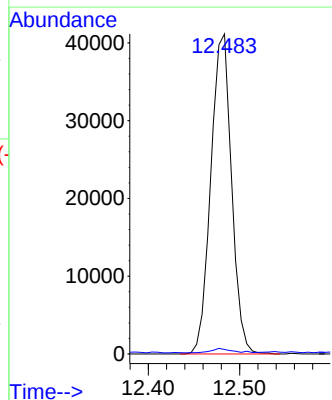
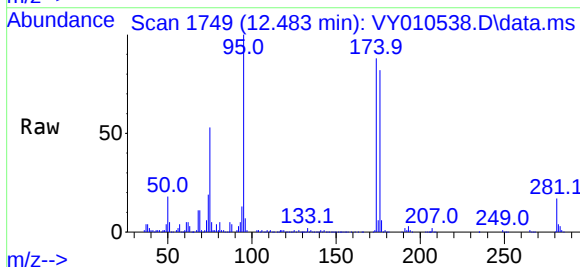
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-5-GR

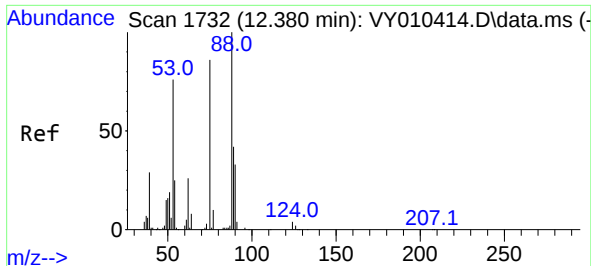
Tgt Ion:152 Resp: 109388
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.7
 150 156.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 53.661 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY010538.D
 Acq: 16 Sep 2022 16:27

Tgt Ion: 75 Resp: 64784
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.147 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010538.D
 Acq: 16 Sep 2022 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-5-GR

Tgt Ion: 75 Resp: 64784
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.3 37.0 55.4#

