

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009010.D
 Acq On : 23 May 2022 16:41
 Operator : KP/MD
 Sample : N2982-09
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-9

Quant Time: May 24 01:49:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

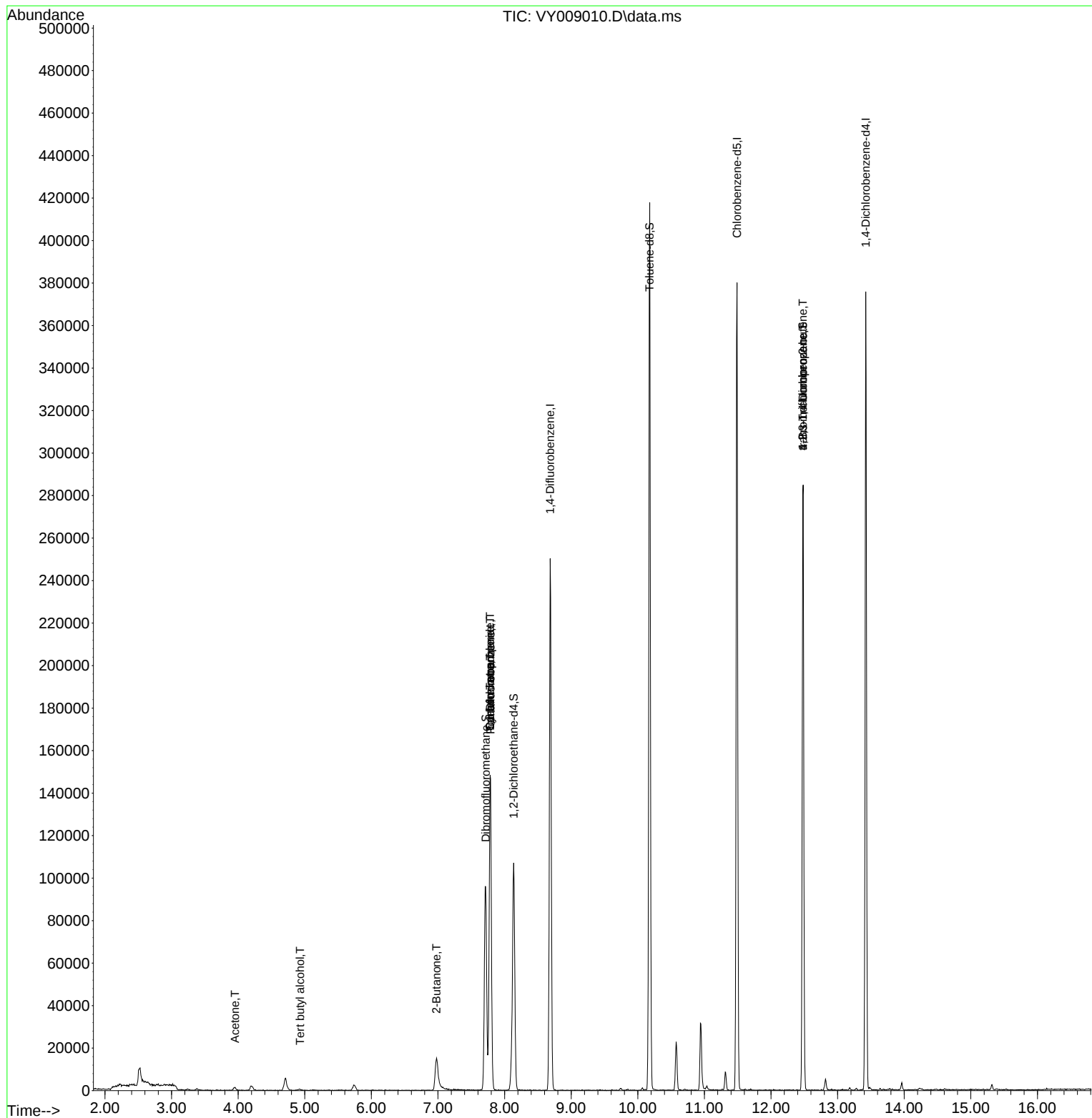
Internal Standards						
1) Pentafluorobenzene	7.789	168	116035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74476	62.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.720%	
35) Dibromofluoromethane	7.716	113	68316	53.106	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.220%	
50) Toluene-d8	10.179	98	258451	54.460	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.920%	
62) 4-Bromofluorobenzene	12.477	95	74515	38.924	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	424	3.500	ug/l #	77
16) Acetone	3.954	43	2529	10.174	ug/l #	77
20) Methylene Chloride	4.716	84	4040	Below Cal		82
25) 2-Butanone	6.978	43	1314	2.959	ug/l #	54
31) Cyclohexane	7.783	56	2861	1.225	ug/l #	11
36) 1,1-Dichloropropene	7.783	75	10205	4.661	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11292	4.931	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	42848	46.236	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	42848	94.899	ug/l #	7

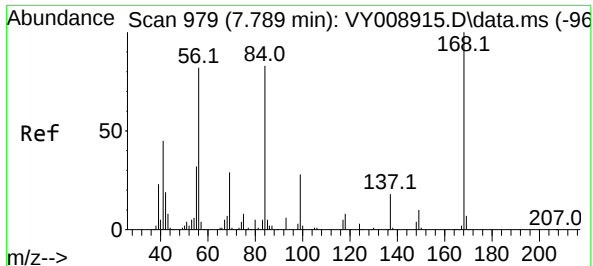
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

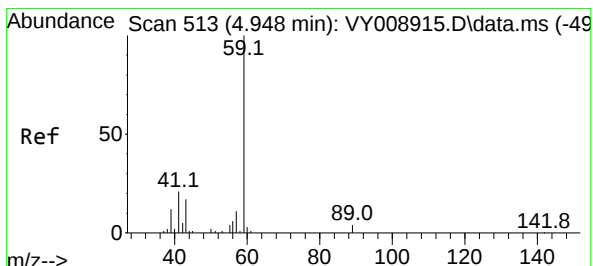
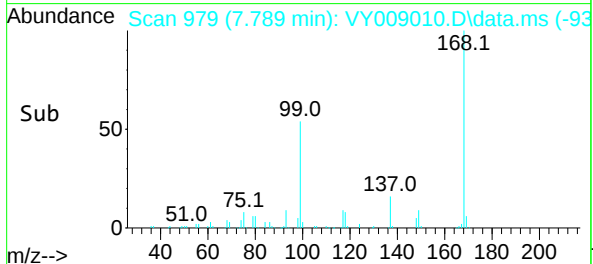
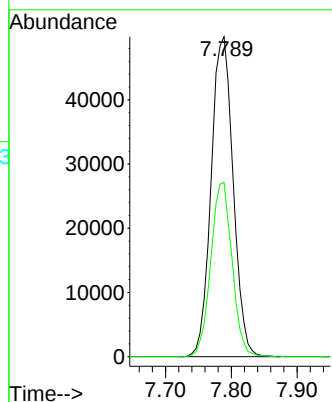
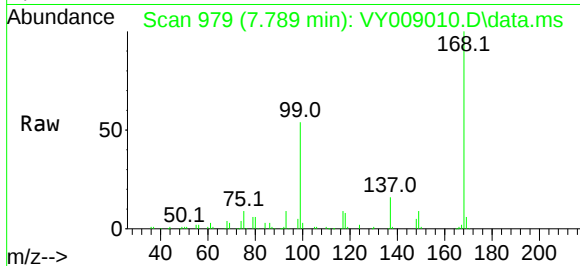




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

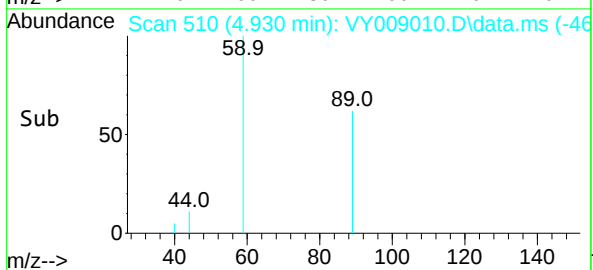
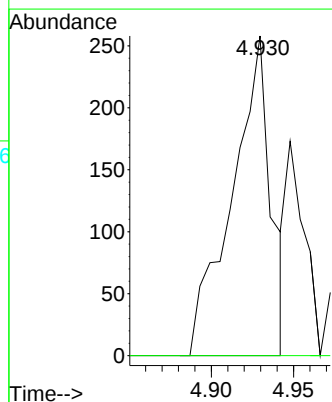
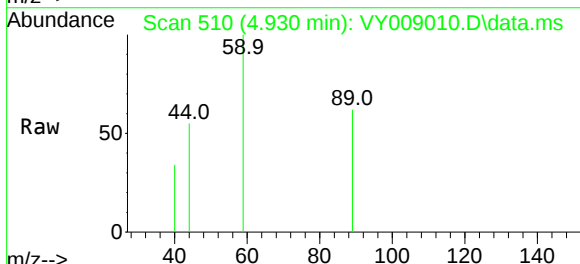
Instrument :
MSVOA_Y
ClientSampleId :
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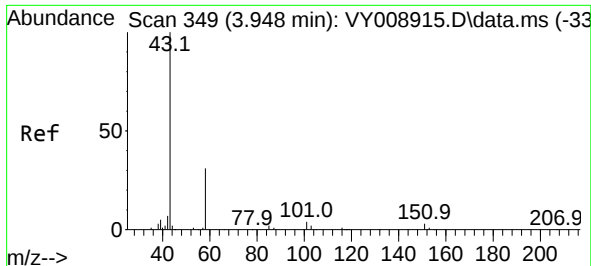
Tgt Ion:168 Resp: 116035
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.500 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

Tgt Ion: 59 Resp: 424
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

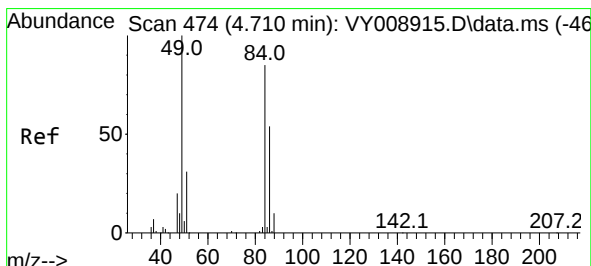
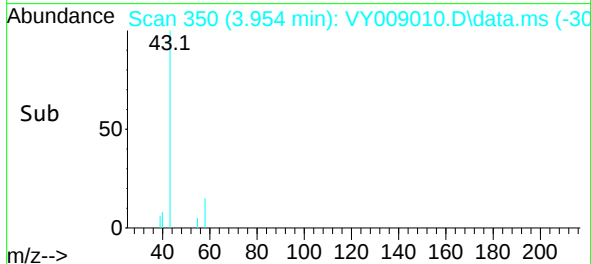
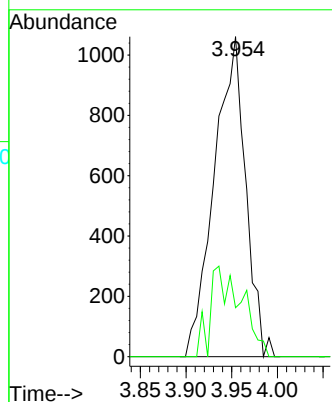
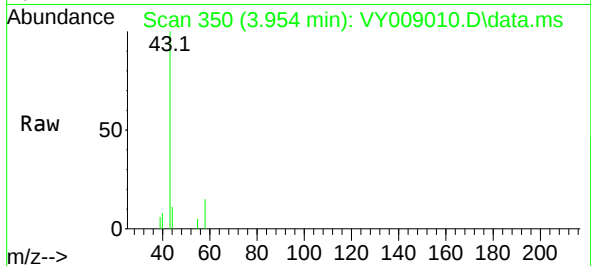




#16
Acetone
Concen: 10.174 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

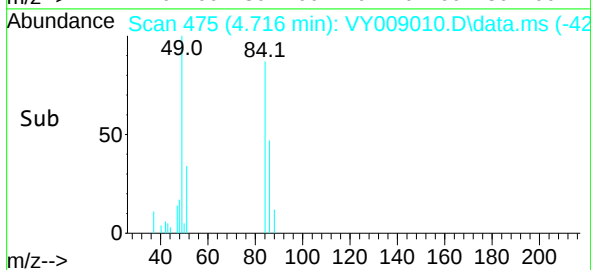
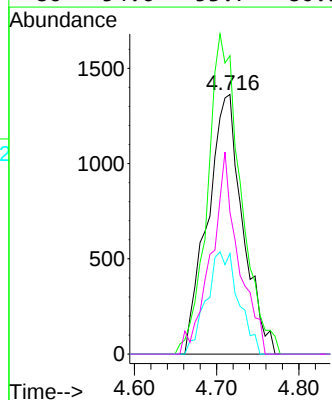
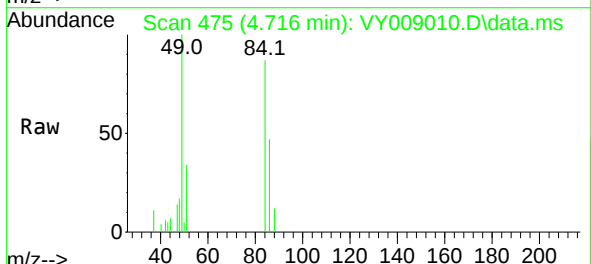
Instrument :
MSVOA_Y
ClientSampleId :
P-9

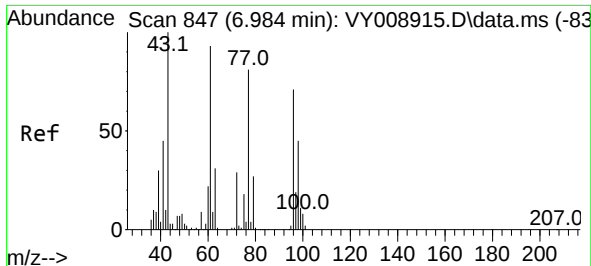
Tgt Ion: 43 Resp: 2529
Ion Ratio Lower Upper
43 100
58 15.3 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

Tgt Ion: 84 Resp: 4040
Ion Ratio Lower Upper
84 100
49 115.0 114.4 171.6
51 38.7 35.3 52.9
86 54.6 53.7 80.5

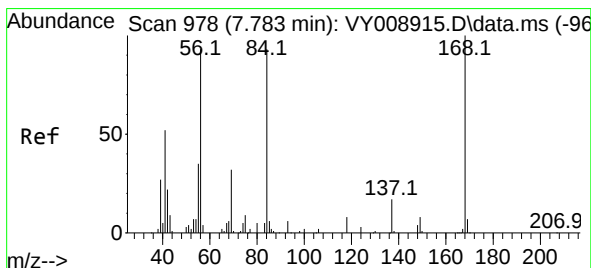
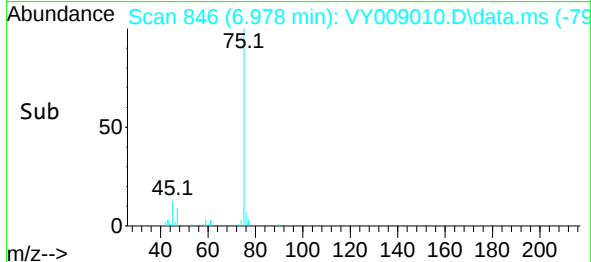
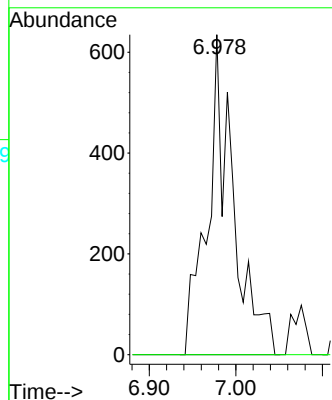
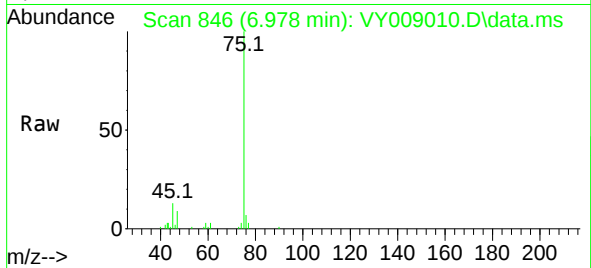




#25
2-Butanone
Concen: 2.959 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

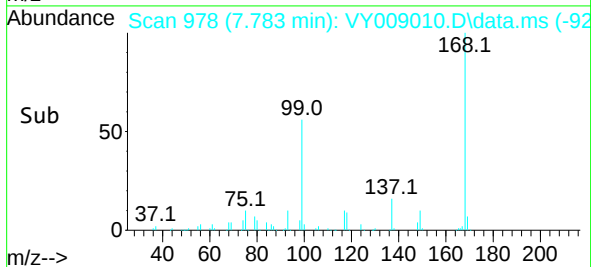
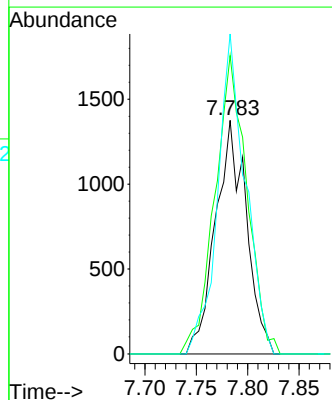
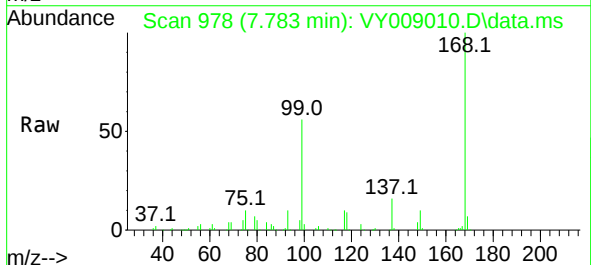
Instrument :
MSVOA_Y
ClientSampleId :
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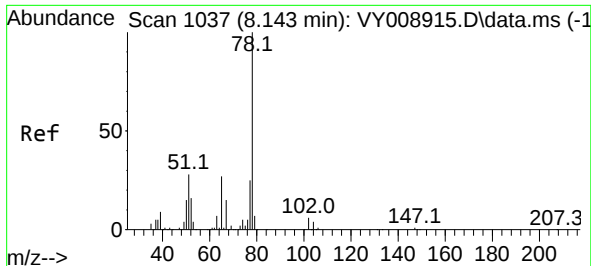
Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

Tgt Ion: 56 Resp: 2861
Ion Ratio Lower Upper
56 100
69 127.8 26.7 40.1#
84 137.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.364 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009010.D

Acq: 23 May 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

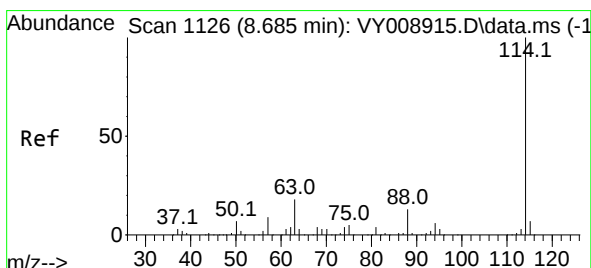
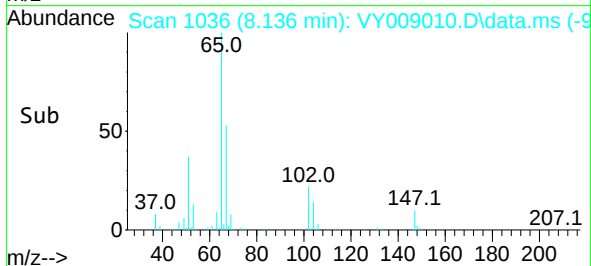
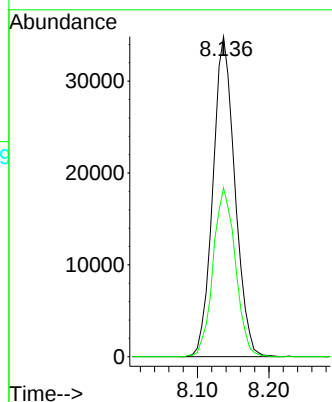
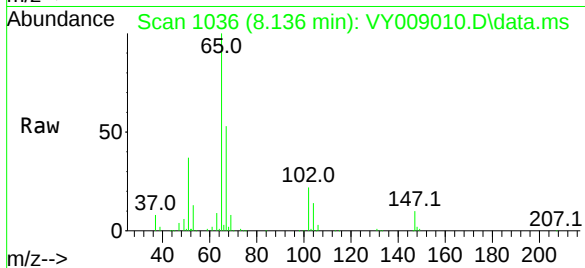
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Tgt Ion: 65 Resp: 74476

Ion Ratio Lower Upper

65 100

67 53.3 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: VY009010.D

Acq: 23 May 2022 16:41

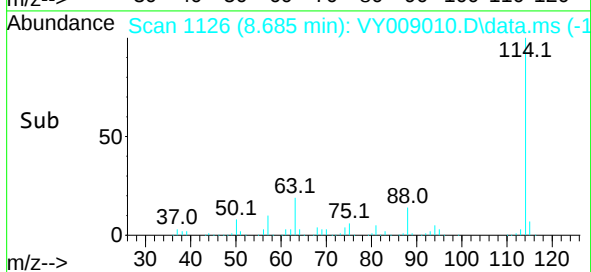
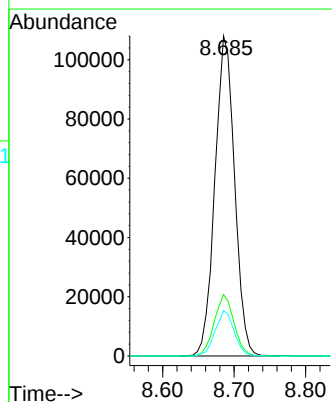
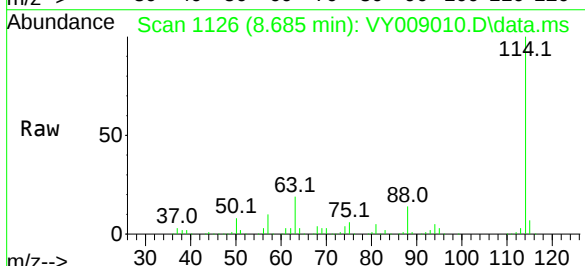
Tgt Ion: 114 Resp: 206870

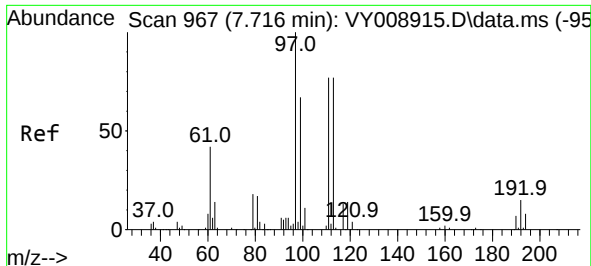
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.1 0.0 31.8

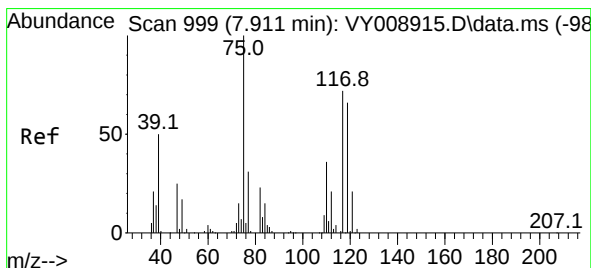
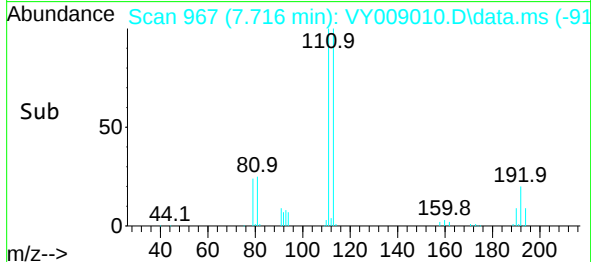
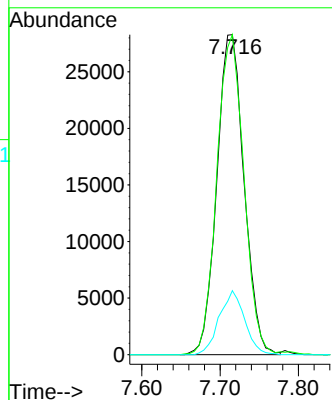
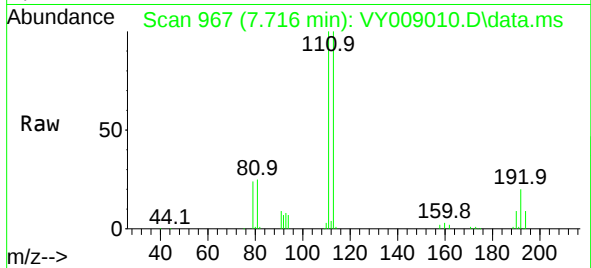




#35
Dibromofluoromethane
Concen: 53.106 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

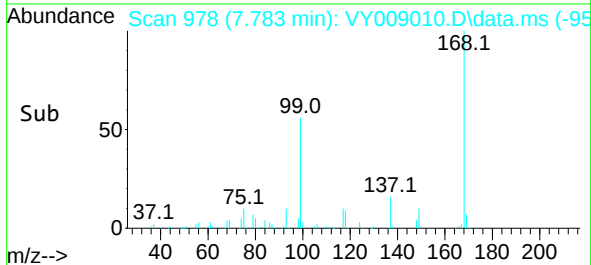
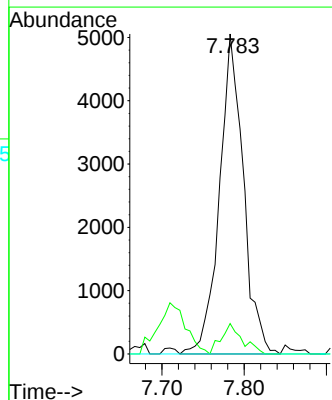
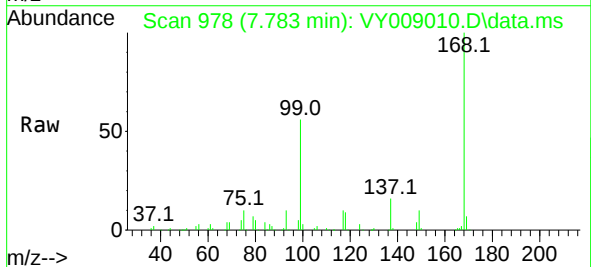
Instrument :
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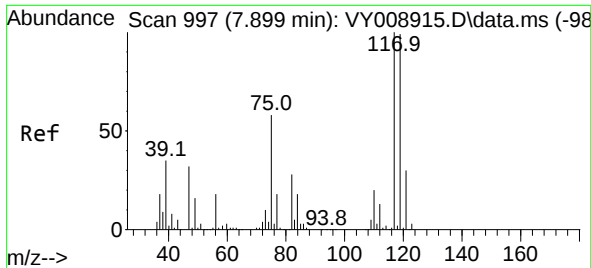
Tgt Ion:113 Resp: 68316
Ion Ratio Lower Upper
113 100
111 99.6 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.661 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

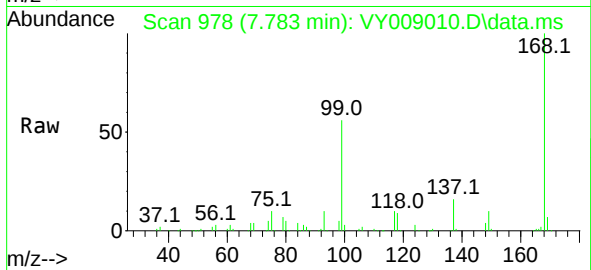
Tgt Ion: 75 Resp: 10205
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#



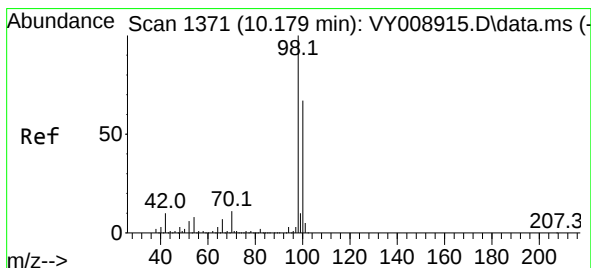
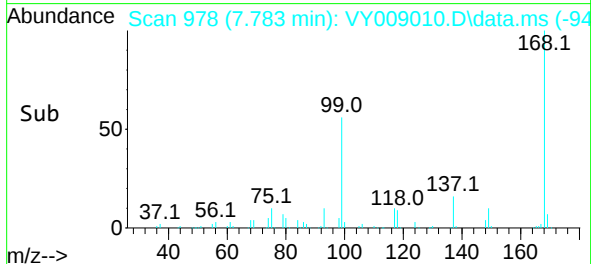
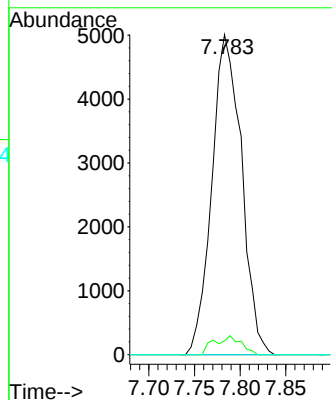


#38
Carbon Tetrachloride
Concen: 4.931 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :
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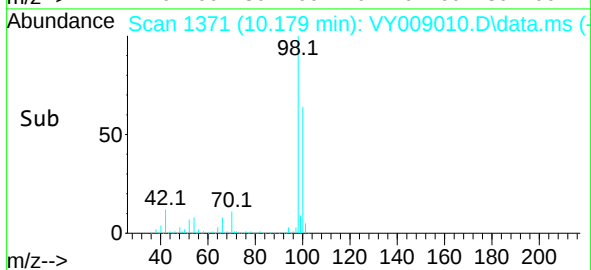
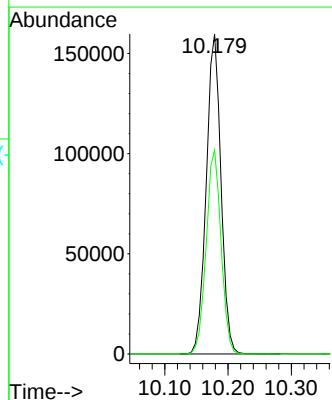
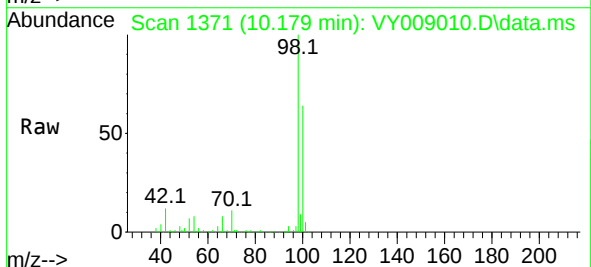


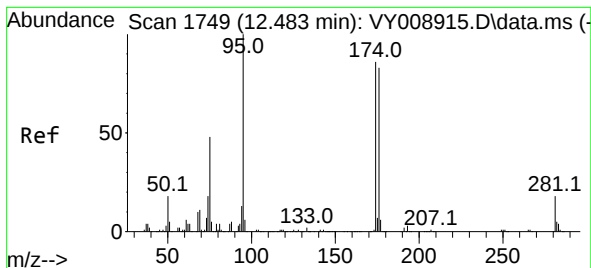
Tgt Ion:117 Resp: 11292
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.460 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

Tgt Ion: 98 Resp: 258451
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

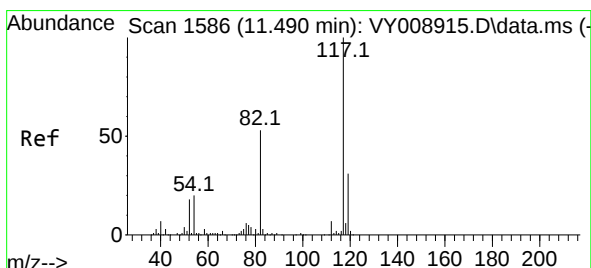
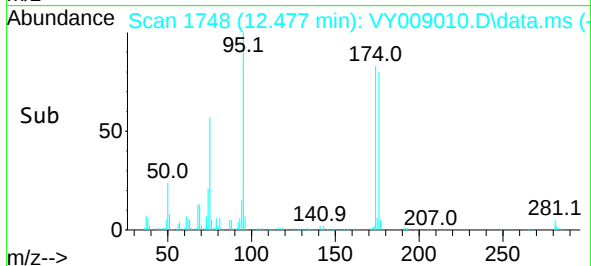
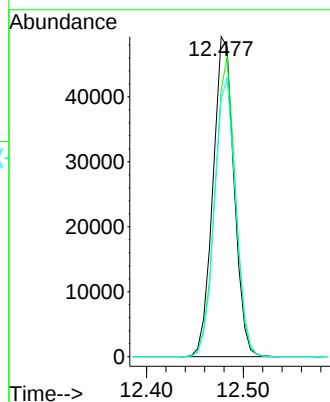
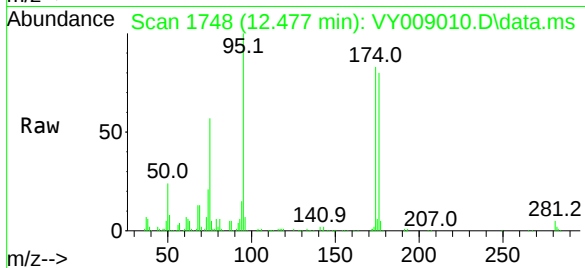




#62
4-Bromofluorobenzene
Concen: 38.924 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

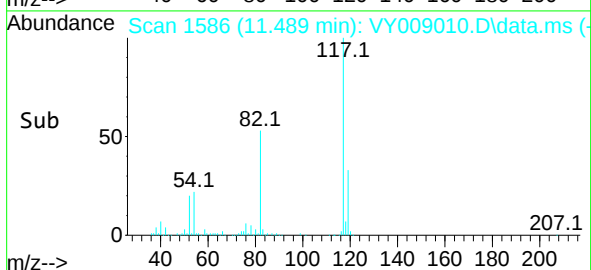
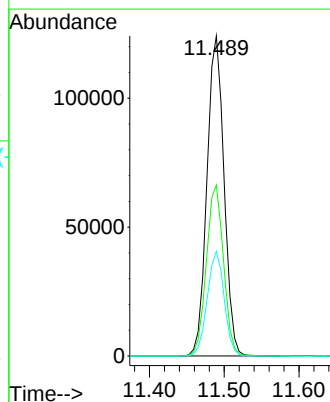
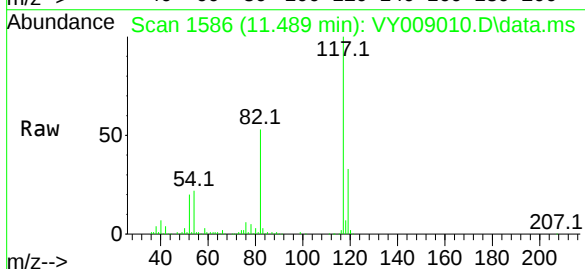
Instrument :
MSVOA_Y
ClientSampleId :
P-9

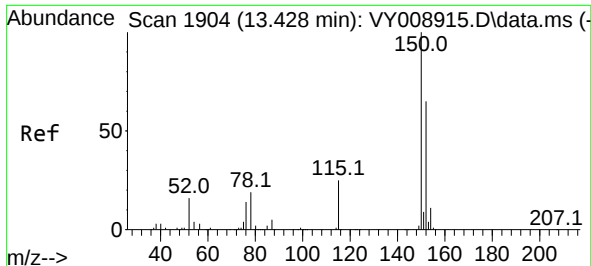
Tgt Ion: 95 Resp: 74515
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 87.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009010.D
Acq: 23 May 2022 16:41

Tgt Ion: 117 Resp: 196952
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.7 25.4 38.0

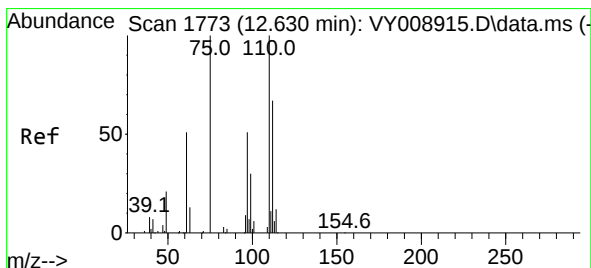
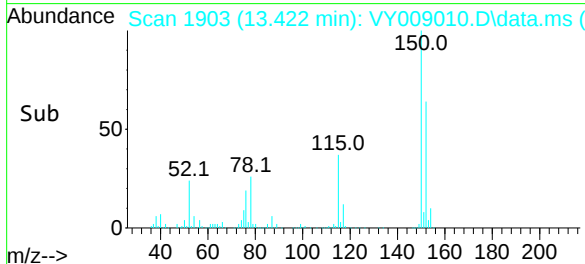
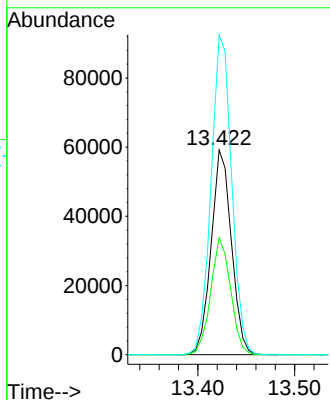
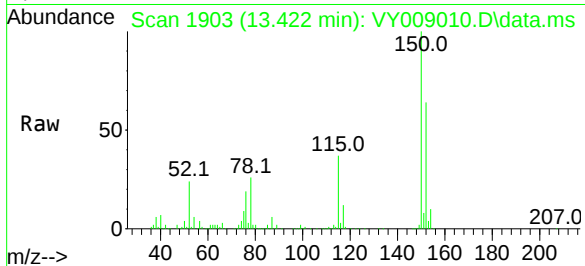




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY009010.D
 Acq: 23 May 2022 16:41

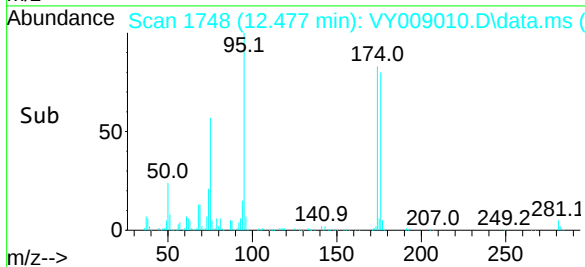
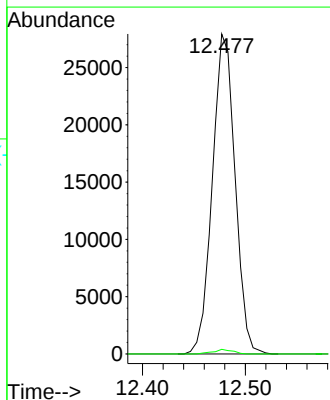
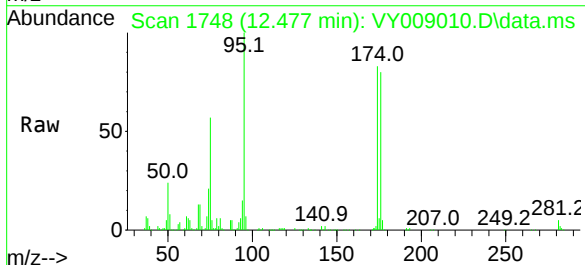
Instrument :
 MSVOA_Y
 ClientSampleId :
 P-9

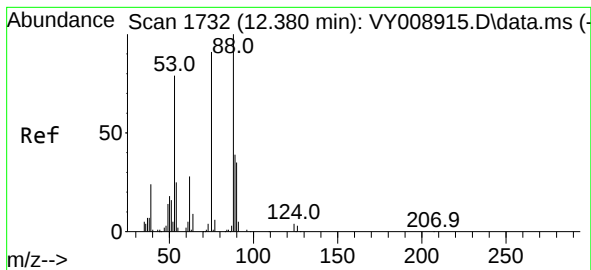
Tgt Ion:152 Resp: 86297
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.2 84.7
 150 158.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.236 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009010.D
 Acq: 23 May 2022 16:41

Tgt Ion: 75 Resp: 42848
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.899 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009010.D
 Acq: 23 May 2022 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-9

Tgt Ion: 75 Resp: 42848
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.3 37.0 55.4#

