

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009104.D
 Acq On : 25 May 2022 20:47
 Operator : KP/MD
 Sample : N3001-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-02-COMP

Quant Time: May 26 04:33:02 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)

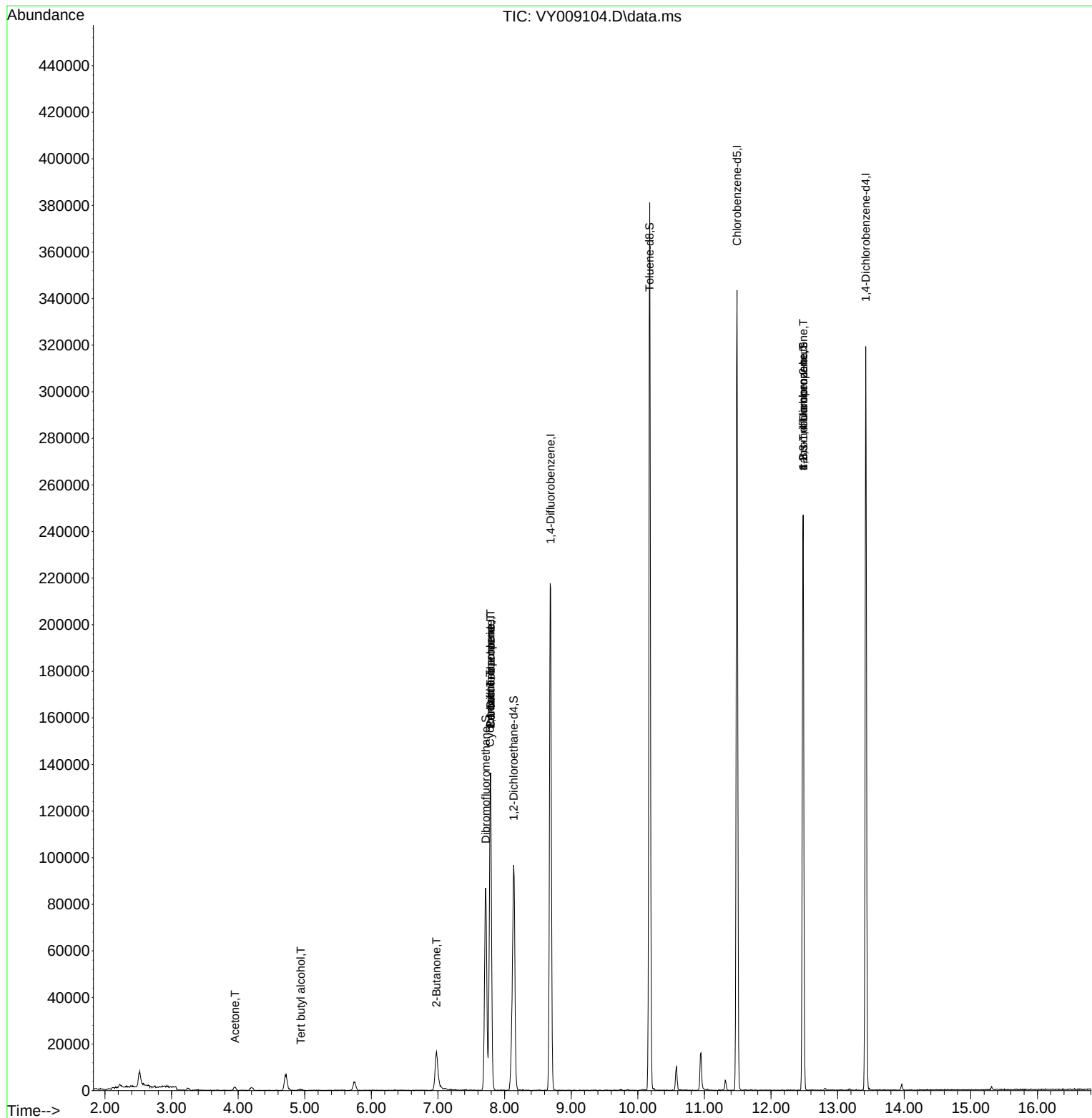
Internal Standards						
1) Pentafluorobenzene	7.789	168	103074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	64100	60.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.840%	
35) Dibromofluoromethane	7.716	113	59514	51.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.940%	
50) Toluene-d8	10.179	98	232622	54.528	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.060%	
62) 4-Bromofluorobenzene	12.483	95	64699	37.596	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	445	4.136	ug/l #	77
16) Acetone	3.954	43	2446	11.077	ug/l	93
20) Methylene Chloride	4.722	84	4967	Below Cal	#	74
25) 2-Butanone	6.978	43	998	2.530	ug/l #	54
31) Cyclohexane	7.783	56	2675	1.289	ug/l #	28
36) 1,1-Dichloropropene	7.789	75	8799	4.471	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10381	5.043	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	38188	48.474	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38188	99.494	ug/l #	7

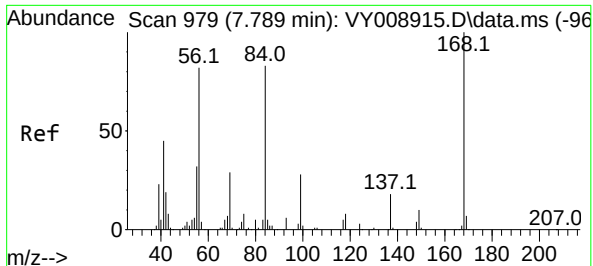
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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TP-02-COMP

Quant Time: May 26 04:33:02 2022
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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

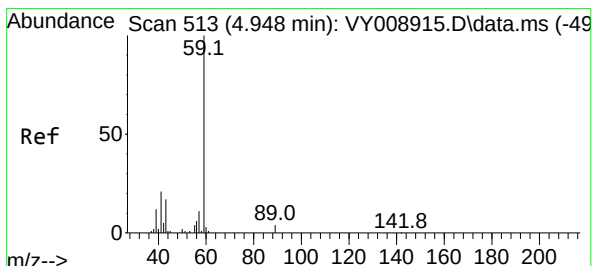
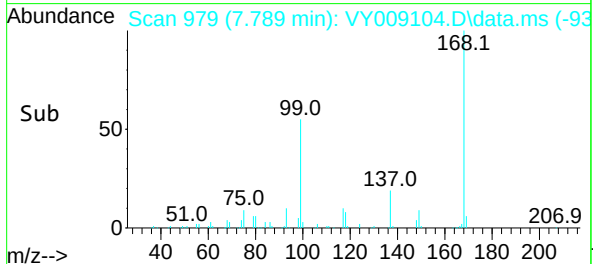
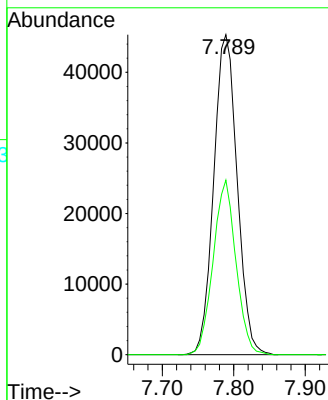
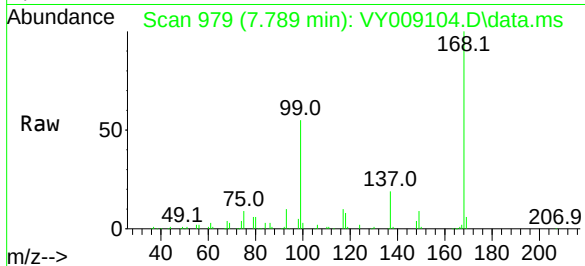




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009104.D
Acq: 25 May 2022 20:47

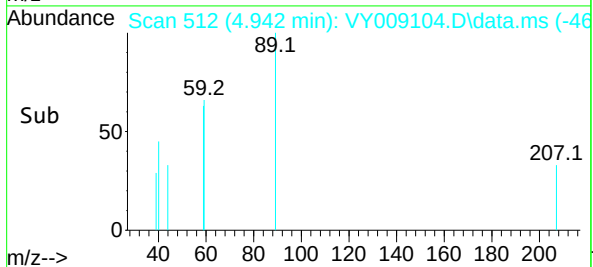
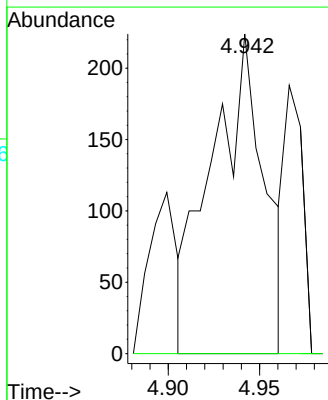
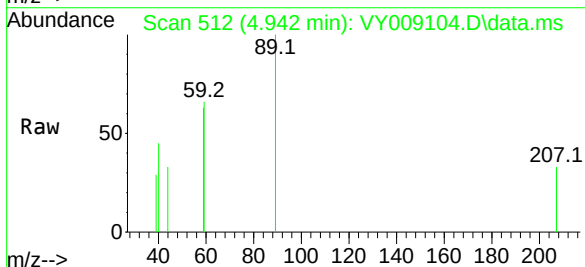
Instrument :
MSVOA_Y
ClientSampleId :
TP-02-COMP

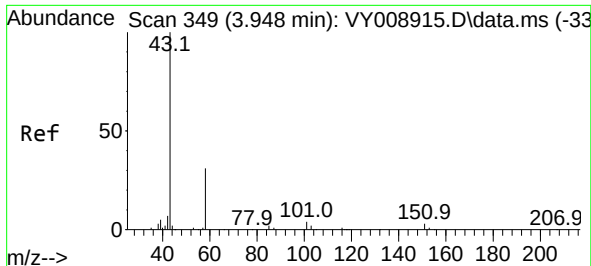
Tgt Ion:168 Resp: 103074
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.136 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009104.D
Acq: 25 May 2022 20:47

Tgt Ion: 59 Resp: 445
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

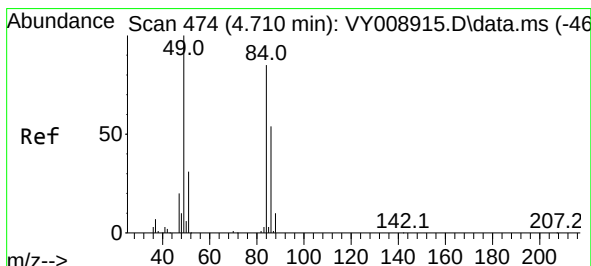
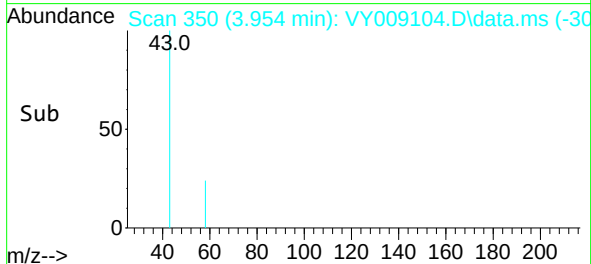
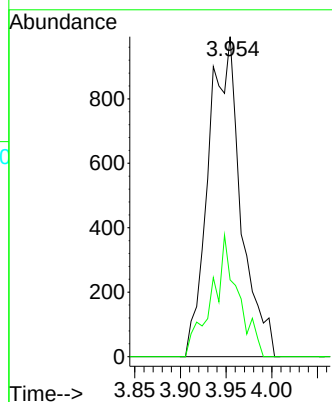
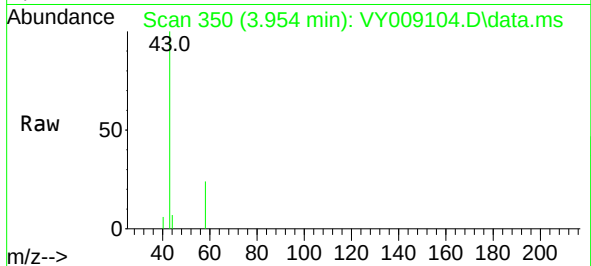




#16
Acetone
Concen: 11.077 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009104.D
Acq: 25 May 2022 20:47

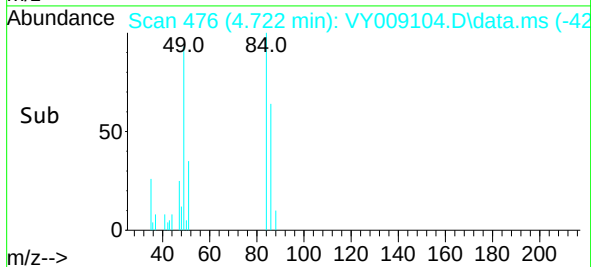
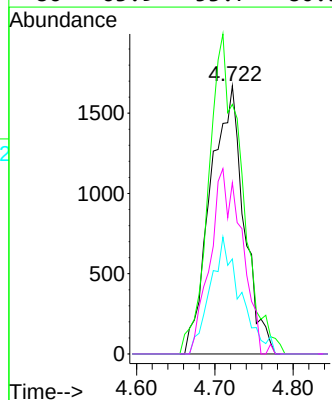
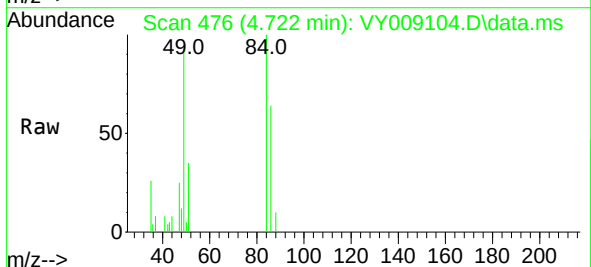
Instrument :
MSVOA_Y
ClientSampleId :
TP-02-COMP

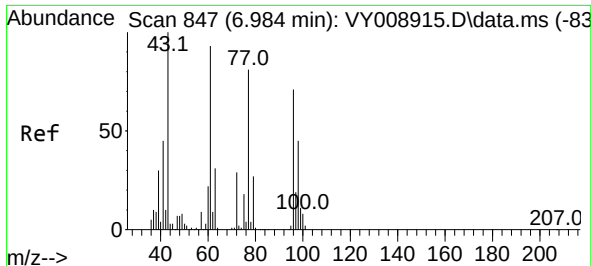
Tgt Ion: 43 Resp: 2446
Ion Ratio Lower Upper
43 100
58 24.0 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY009104.D
Acq: 25 May 2022 20:47

Tgt Ion: 84 Resp: 4967
Ion Ratio Lower Upper
84 100
49 93.1 114.4 171.6#
51 35.4 35.3 52.9
86 63.9 53.7 80.5

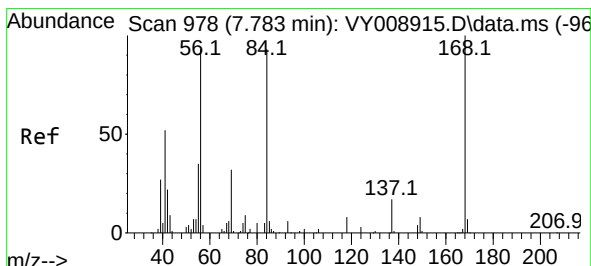
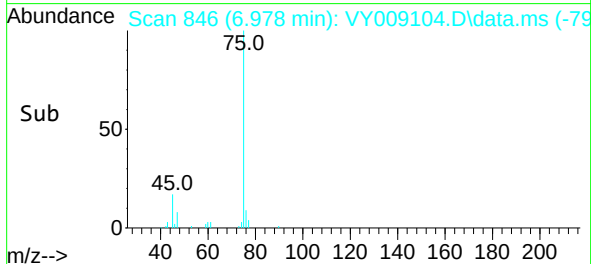
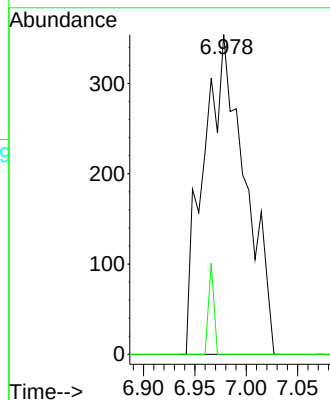
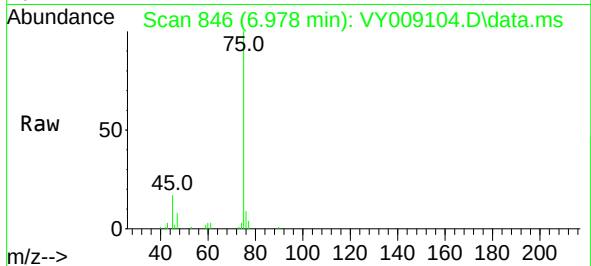




#25
2-Butanone
Concen: 2.530 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY009104.D
Acq: 25 May 2022 20:47

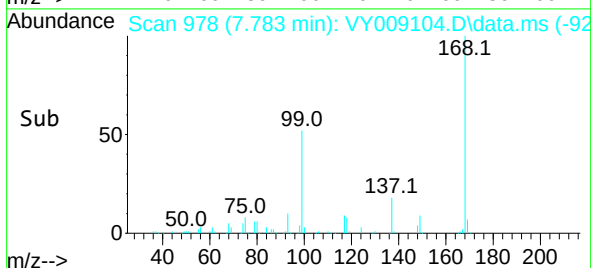
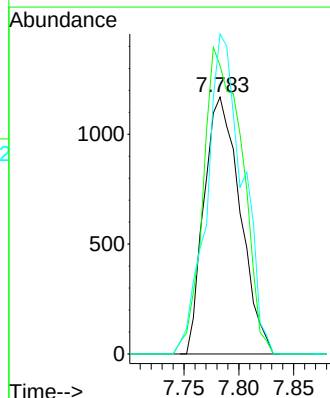
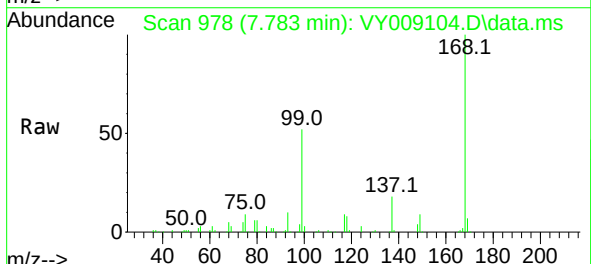
Instrument :
MSVOA_Y
ClientSampleId :
TP-02-COMP

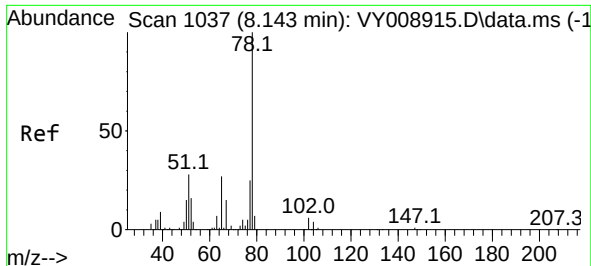
Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009104.D
Acq: 25 May 2022 20:47

Tgt Ion: 56 Resp: 2675
Ion Ratio Lower Upper
56 100
69 112.3 26.7 40.1#
84 124.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.425 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY009104.D

Acq: 25 May 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

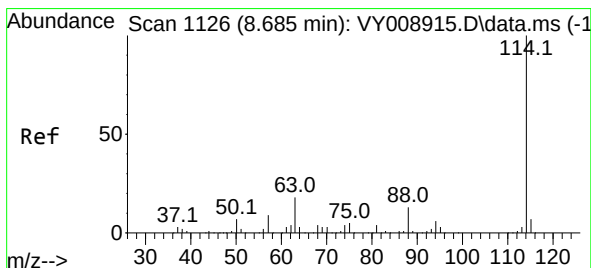
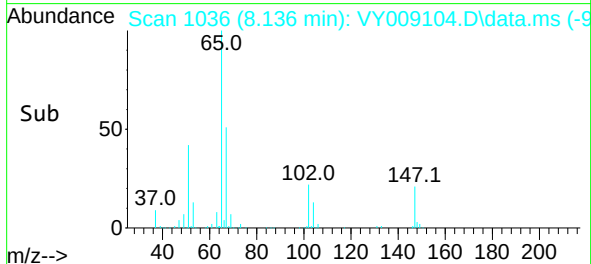
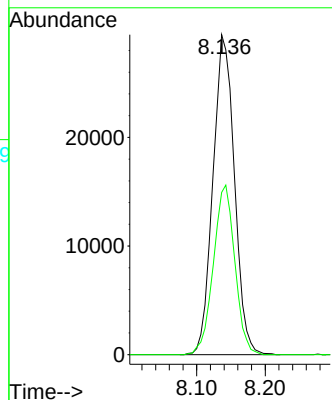
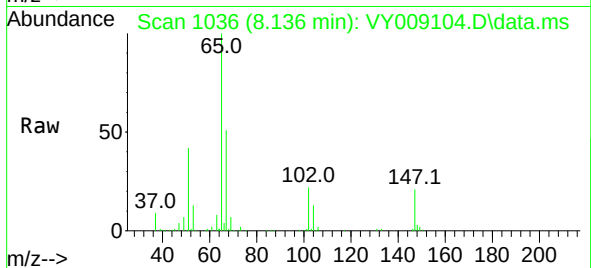
TP-02-COMP

Tgt Ion: 65 Resp: 64100

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009104.D

Acq: 25 May 2022 20:47

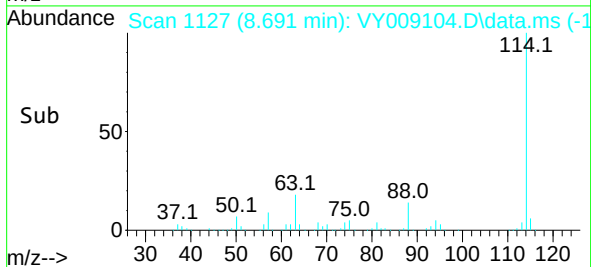
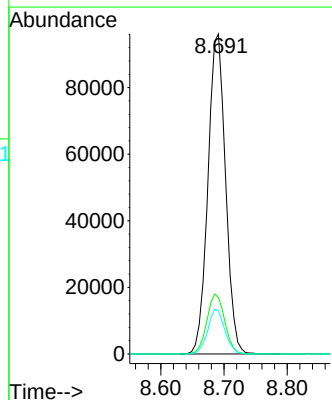
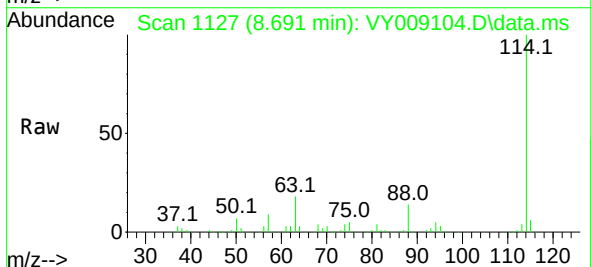
Tgt Ion: 114 Resp: 185962

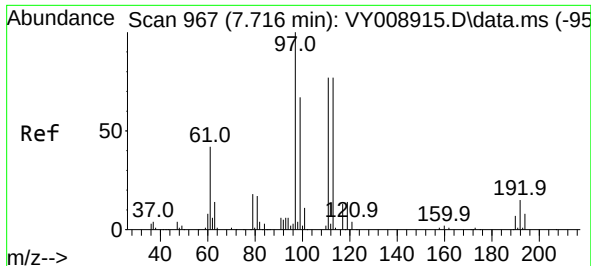
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.5 0.0 31.8

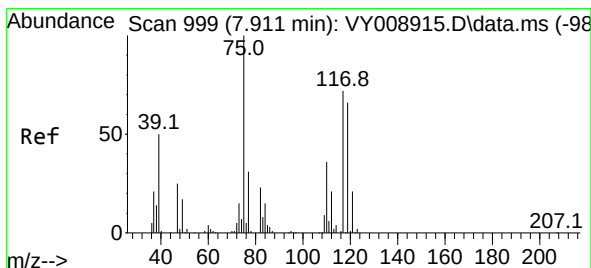
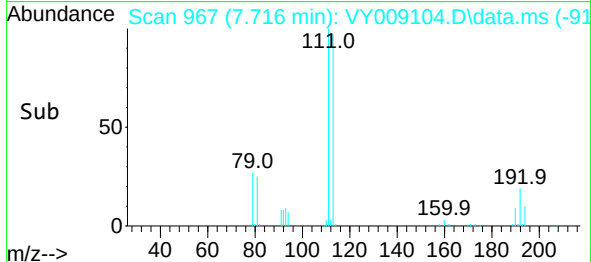
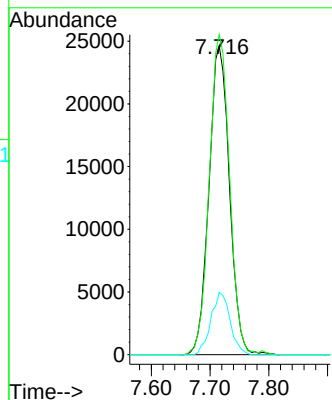
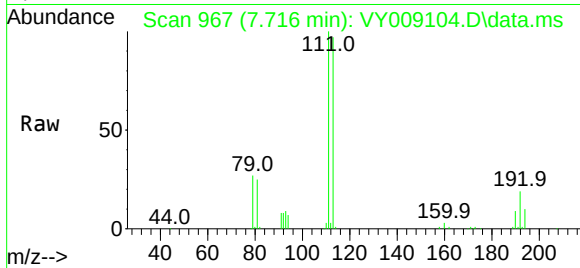




#35
Dibromofluoromethane
Concen: 51.465 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY009104.D
Acq: 25 May 2022 20:47

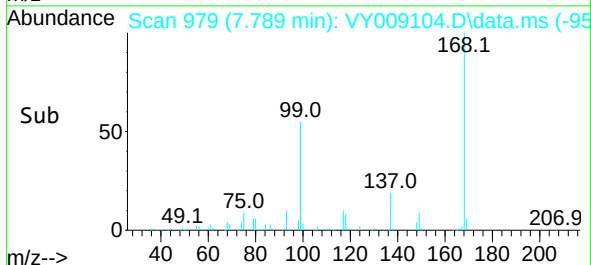
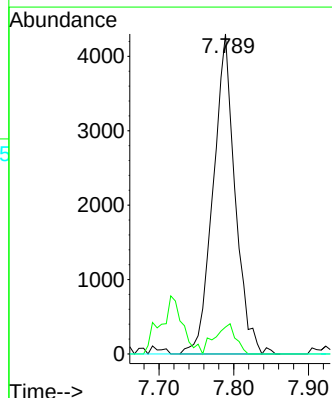
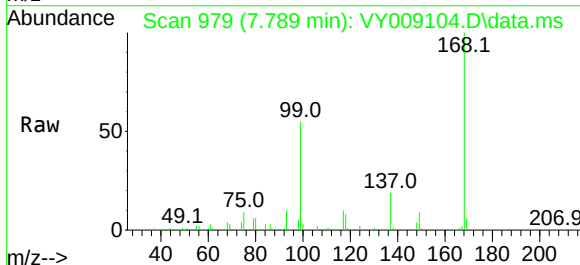
Instrument :
MSVOA_Y
ClientSampleId :
TP-02-COMP

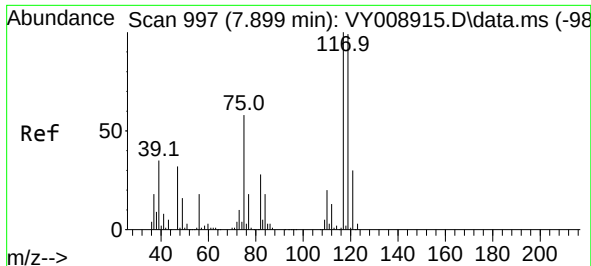
Tgt Ion:113 Resp: 59514
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.471 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009104.D
Acq: 25 May 2022 20:47

Tgt Ion: 75 Resp: 8799
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

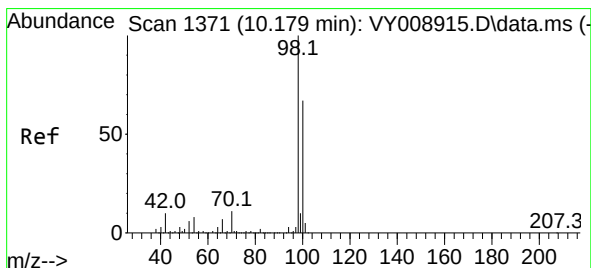
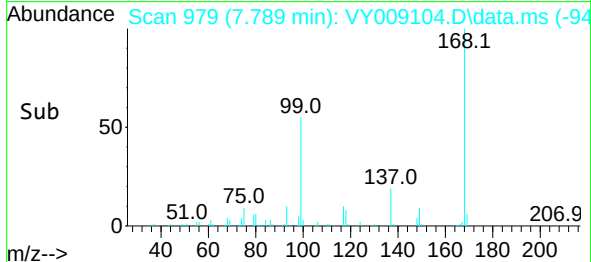
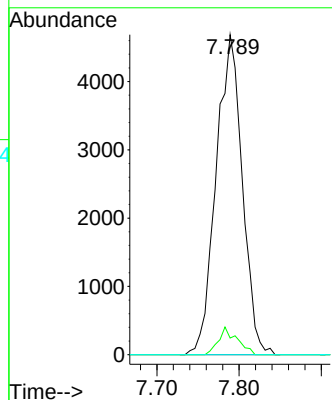
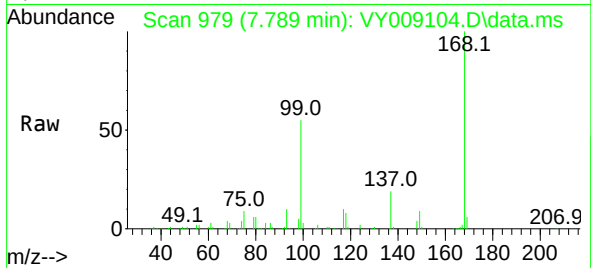




#38
Carbon Tetrachloride
Concen: 5.043 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009104.D
Acq: 25 May 2022 20:47

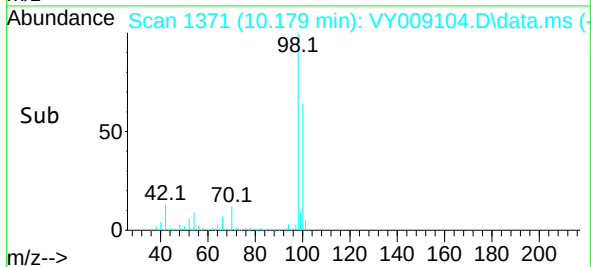
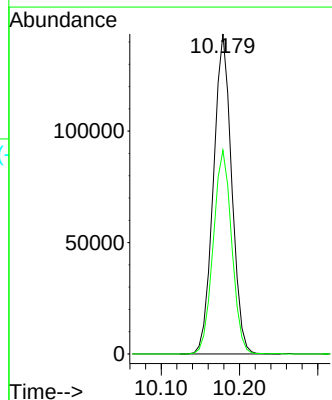
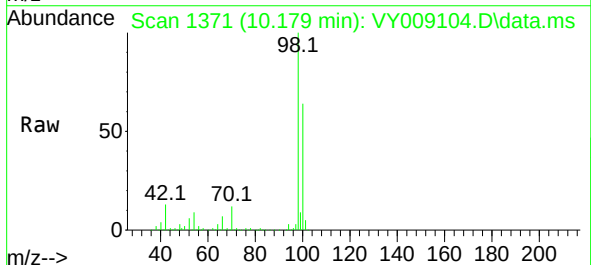
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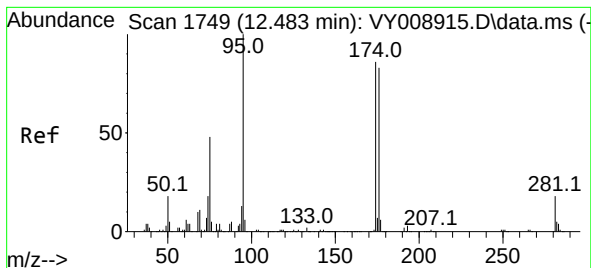
Tgt Ion:117 Resp: 10381
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.528 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009104.D
Acq: 25 May 2022 20:47

Tgt Ion: 98 Resp: 232622
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

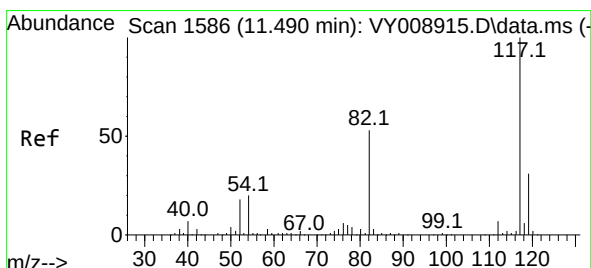
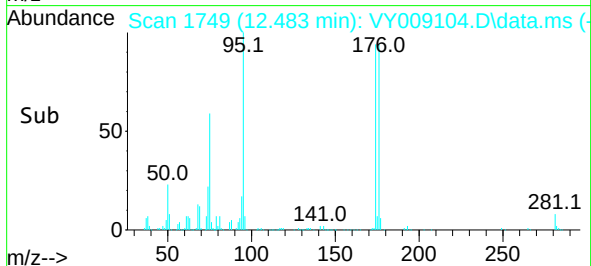
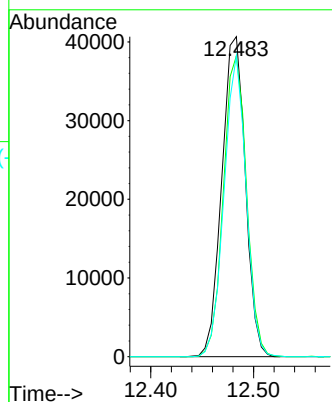
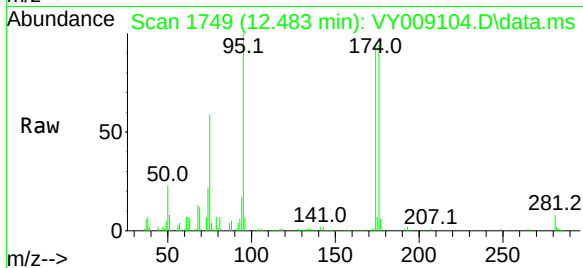




#62
4-Bromofluorobenzene
Concen: 37.596 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009104.D
Acq: 25 May 2022 20:47

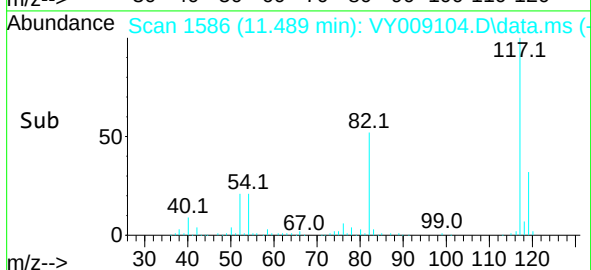
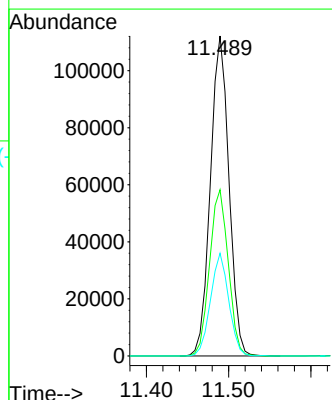
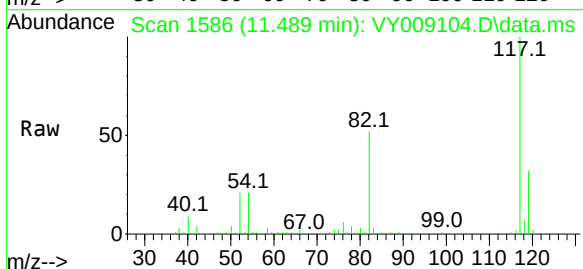
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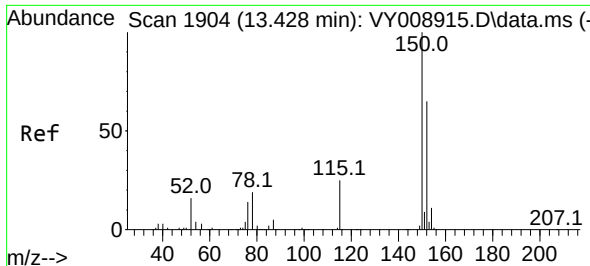
Tgt Ion: 95 Resp: 64699
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 87.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009104.D
Acq: 25 May 2022 20:47

Tgt Ion: 117 Resp: 175899
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.1 25.4 38.0

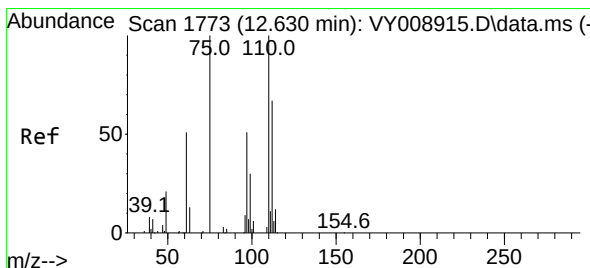
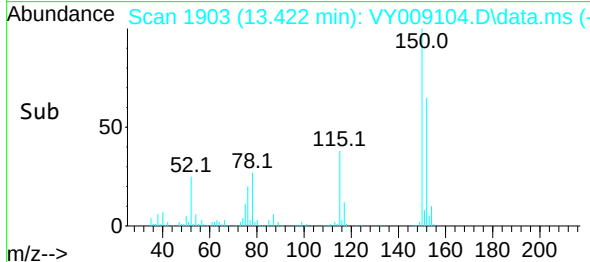
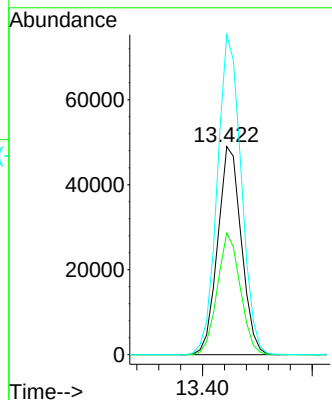
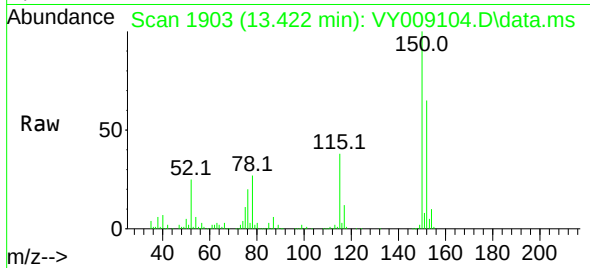




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY009104.D
 Acq: 25 May 2022 20:47

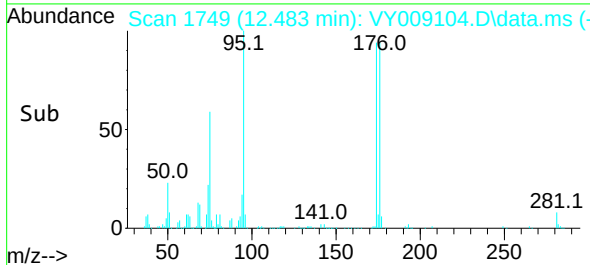
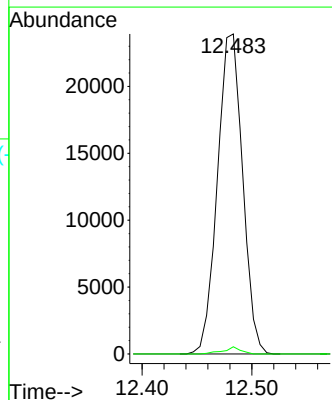
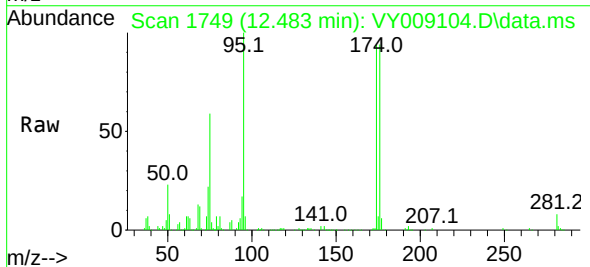
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-02-COMP

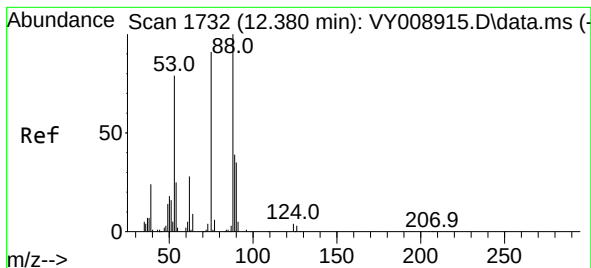
Tgt Ion:152 Resp: 73360
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.7
 150 155.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.474 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009104.D
 Acq: 25 May 2022 20:47

Tgt Ion: 75 Resp: 38188
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.494 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009104.D
 Acq: 25 May 2022 20:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-02-COMP

Tgt Ion: 75 Resp: 38188
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

