

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009081.D
 Acq On : 25 May 2022 11:34
 Operator : KP/MD
 Sample : VY0525SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0525SBL01

Quant Time: May 26 04:26:39 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)

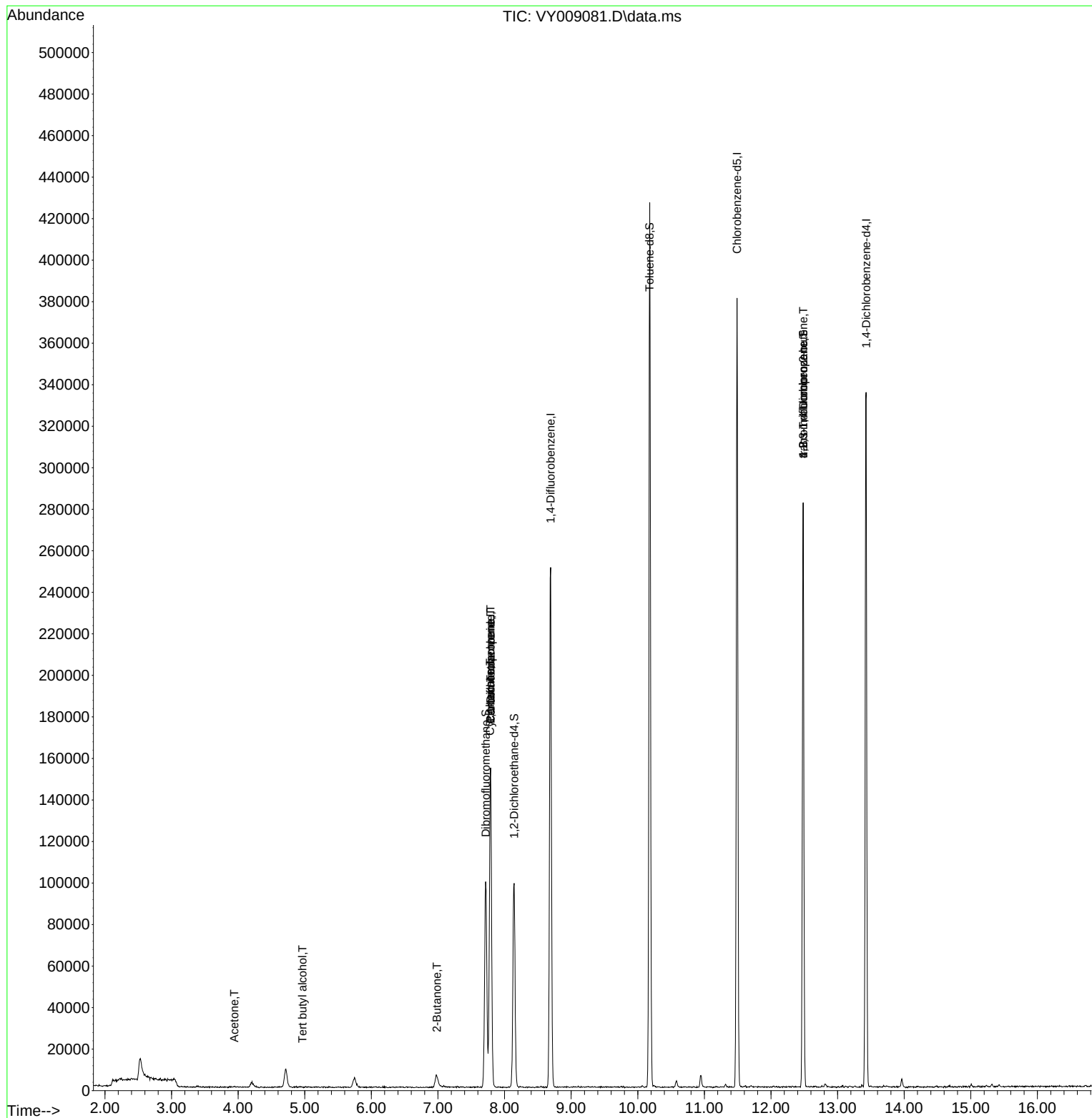
Internal Standards						
1) Pentafluorobenzene	7.789	168	117249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	193336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74199	61.489	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.980%			
35) Dibromofluoromethane	7.716	113	67958	52.192	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.380%			
50) Toluene-d8	10.179	98	261600	54.460	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.920%			
62) 4-Bromofluorobenzene	12.483	95	72946	37.646	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 75.300%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	196	1.601	ug/l #	77
16) Acetone	3.942	43	726	2.890	ug/l #	47
20) Methylene Chloride	4.710	84	6266	Below Cal		86
25) 2-Butanone	6.984	43	514	1.146	ug/l #	54
31) Cyclohexane	7.783	56	3069	1.300	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	9452	4.266	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11920	5.142	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	42890	48.418	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42890	99.377	ug/l #	7

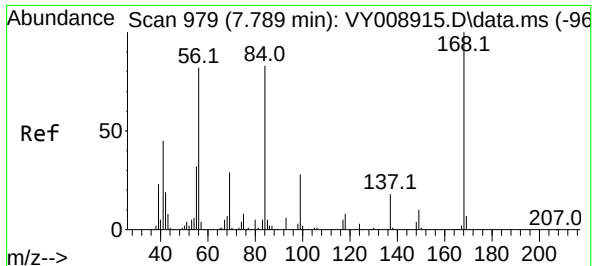
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
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Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01

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Quant Title : SW846 8260
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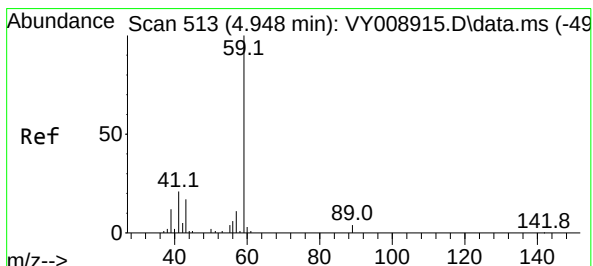
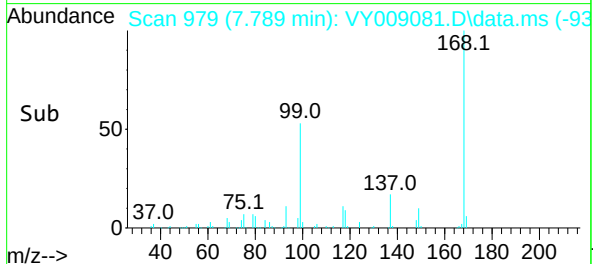
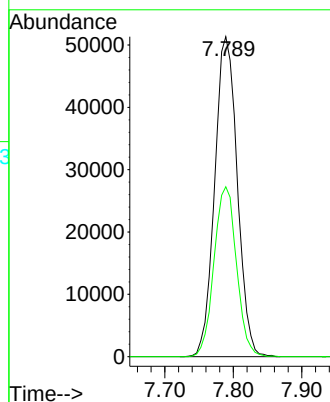
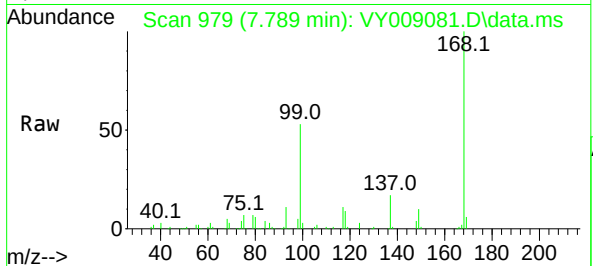




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009081.D
Acq: 25 May 2022 11:34

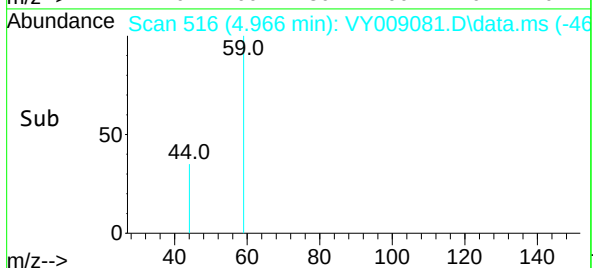
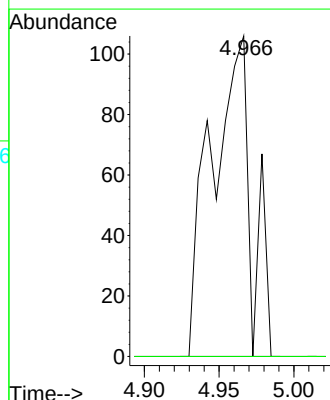
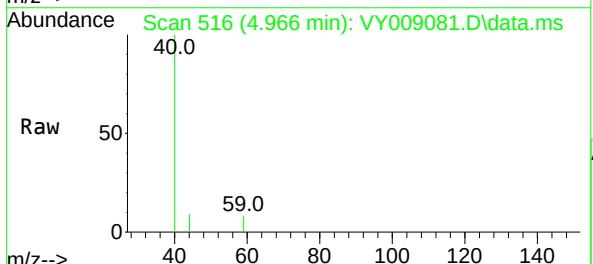
Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01

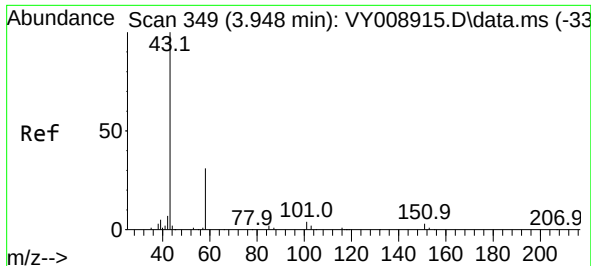
Tgt Ion:168 Resp: 117249
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.601 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY009081.D
Acq: 25 May 2022 11:34

Tgt Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

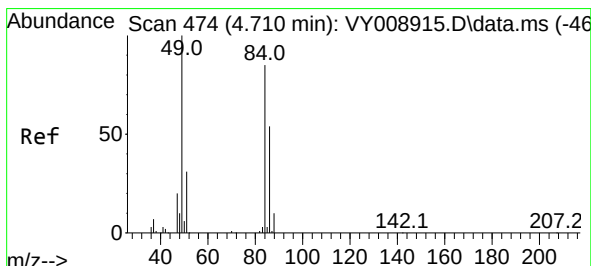
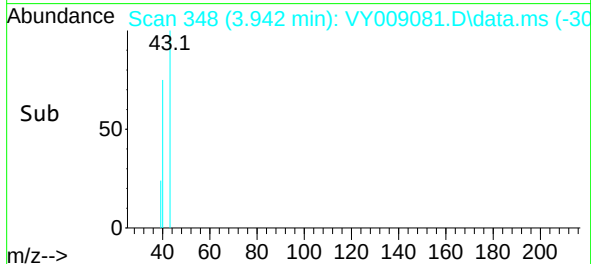
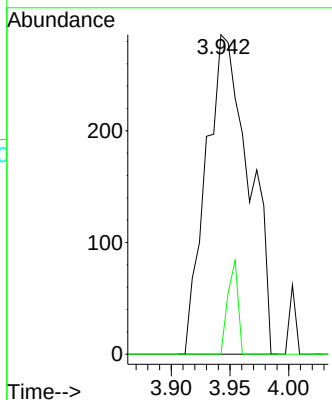
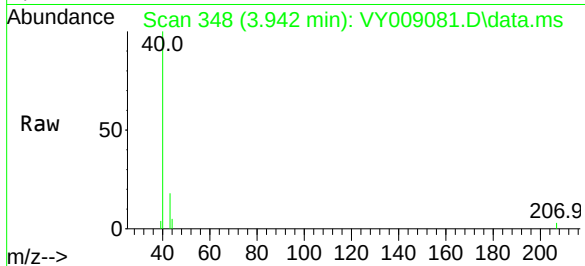




#16
Acetone
Concen: 2.890 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY009081.D
Acq: 25 May 2022 11:34

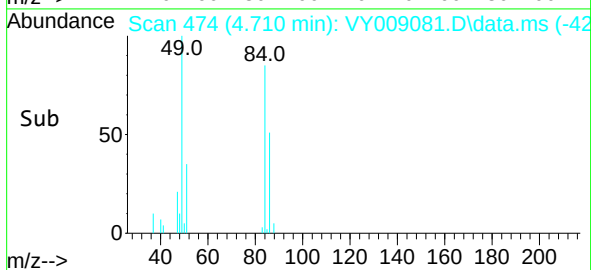
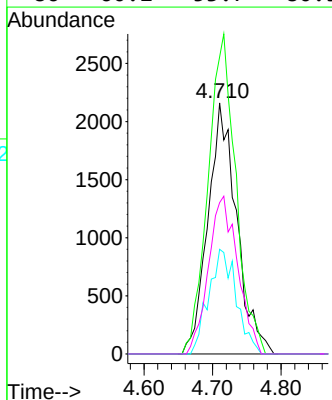
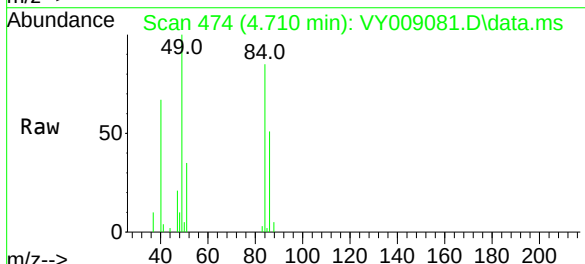
Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01

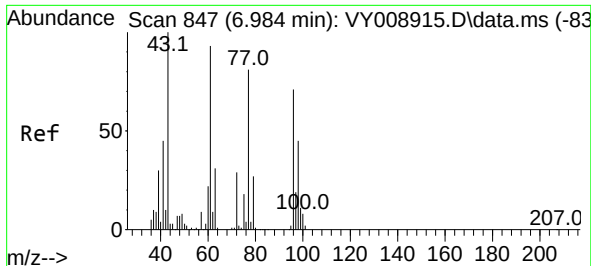
Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009081.D
Acq: 25 May 2022 11:34

Tgt Ion: 84 Resp: 6266
Ion Ratio Lower Upper
84 100
49 118.3 114.4 171.6
51 41.6 35.3 52.9
86 60.2 53.7 80.5

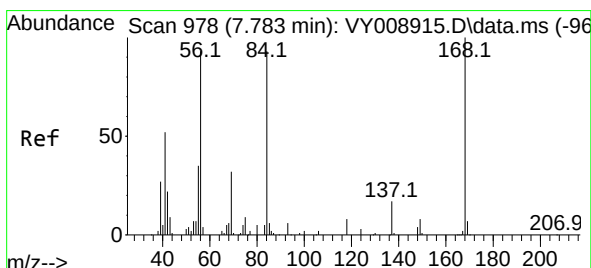
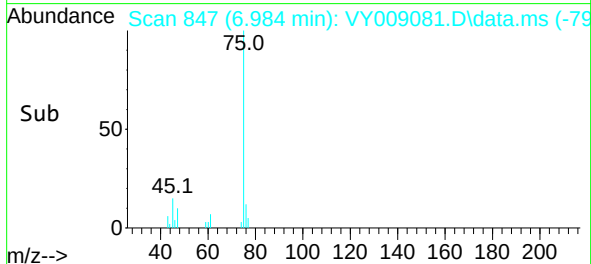
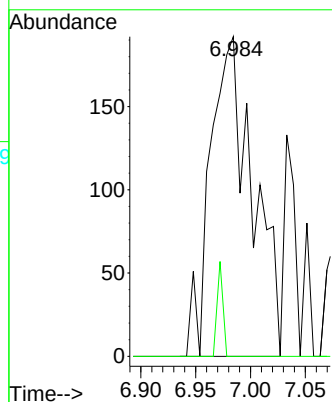
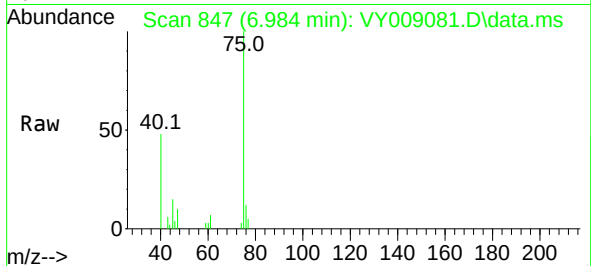




#25
2-Butanone
Concen: 1.146 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009081.D
Acq: 25 May 2022 11:34

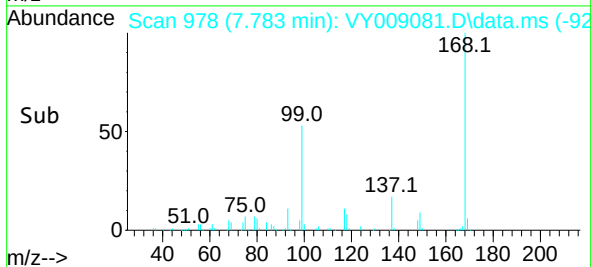
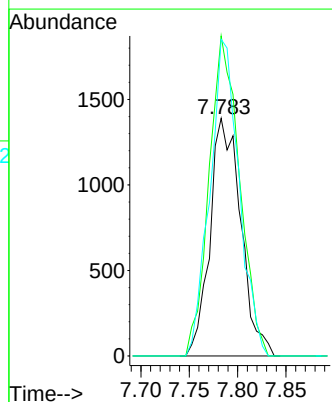
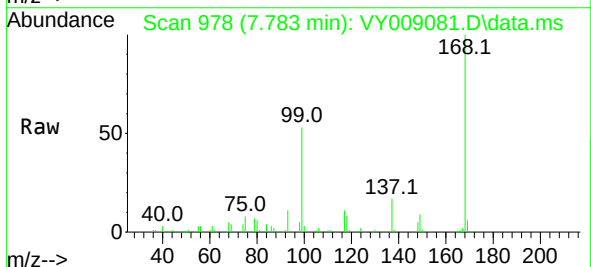
Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01

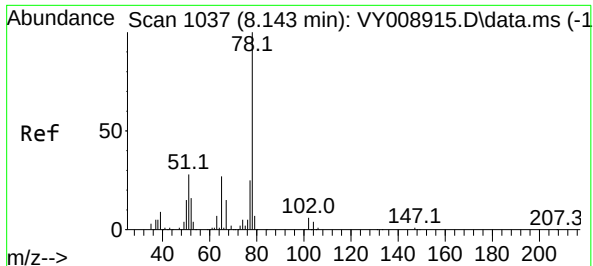
Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009081.D
Acq: 25 May 2022 11:34

Tgt Ion: 56 Resp: 3069
Ion Ratio Lower Upper
56 100
69 134.7 26.7 40.1#
84 133.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.489 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009081.D

Acq: 25 May 2022 11:34

Instrument :

MSVOA_Y

ClientSampleId :

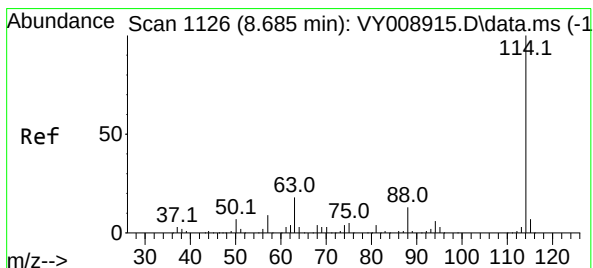
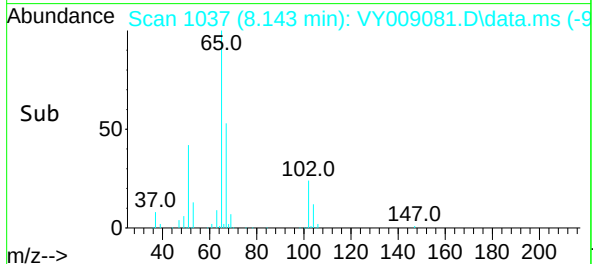
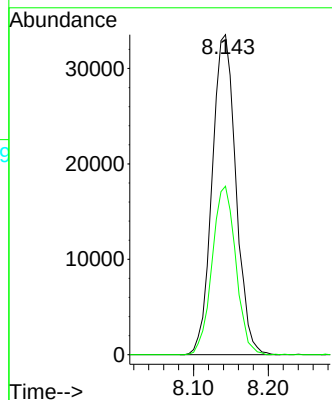
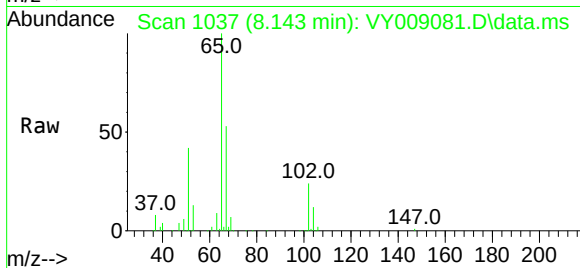
VY0525SBL01

Tgt Ion: 65 Resp: 74199

Ion Ratio Lower Upper

65 100

67 52.4 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: VY009081.D

Acq: 25 May 2022 11:34

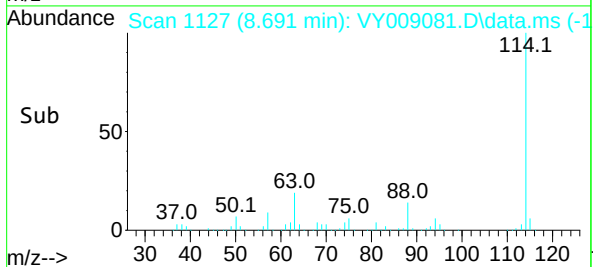
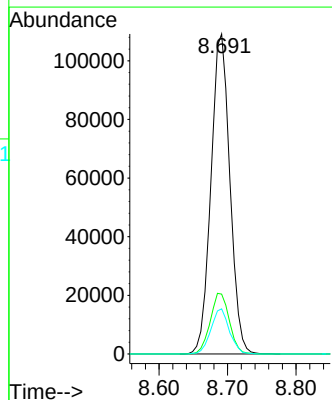
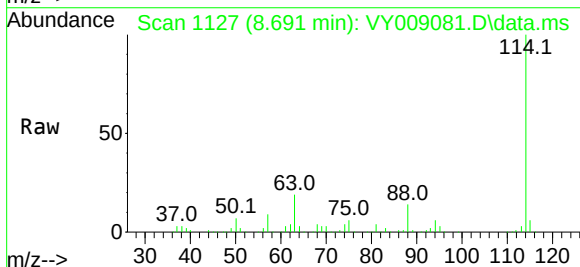
Tgt Ion: 114 Resp: 209390

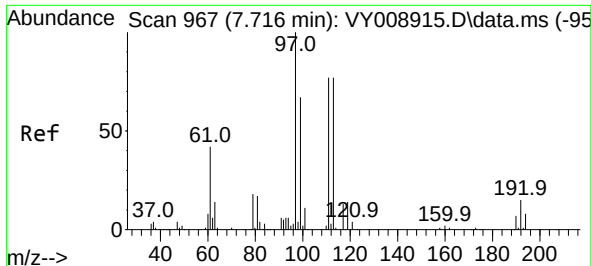
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.1 0.0 31.8

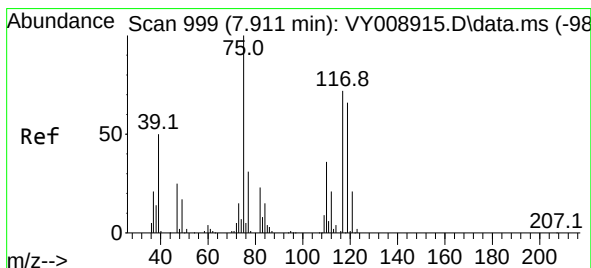
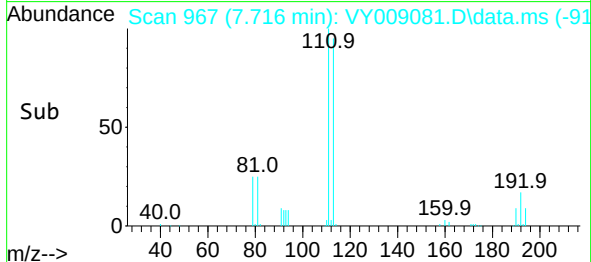
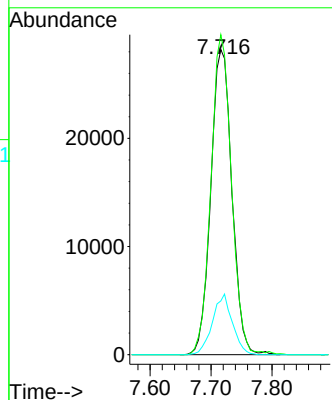
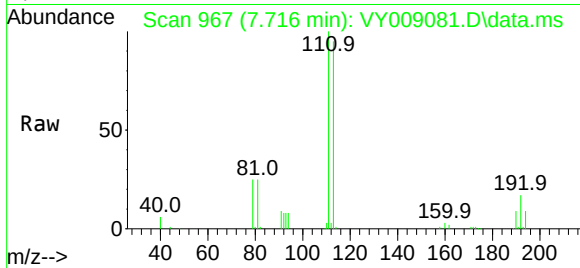




#35
Dibromofluoromethane
Concen: 52.192 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009081.D
Acq: 25 May 2022 11:34

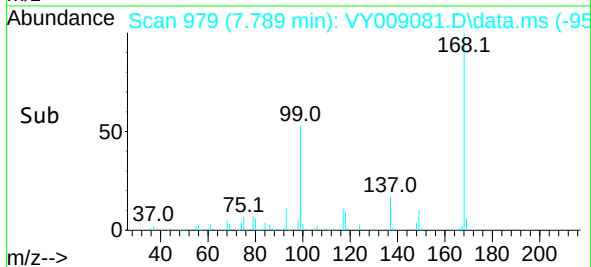
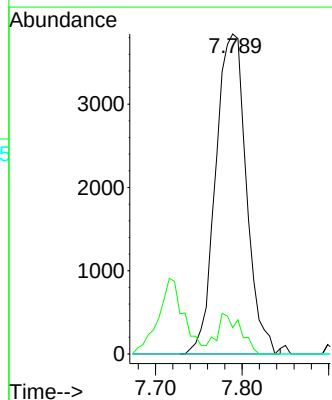
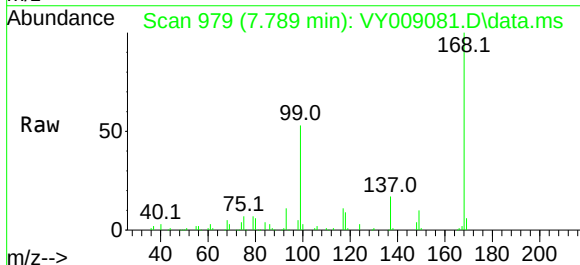
Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01

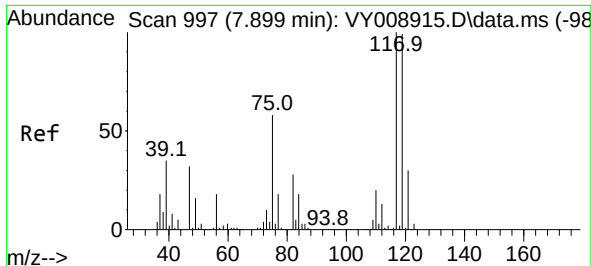
Tgt Ion:113 Resp: 67958
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.266 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009081.D
Acq: 25 May 2022 11:34

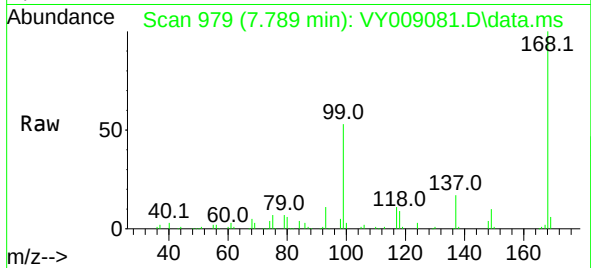
Tgt Ion: 75 Resp: 9452
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



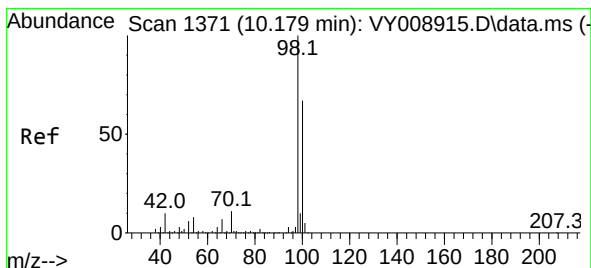
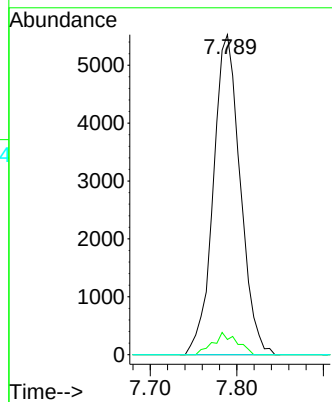
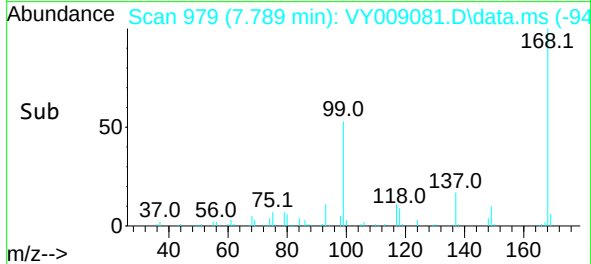


#38
Carbon Tetrachloride
Concen: 5.142 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009081.D
Acq: 25 May 2022 11:34

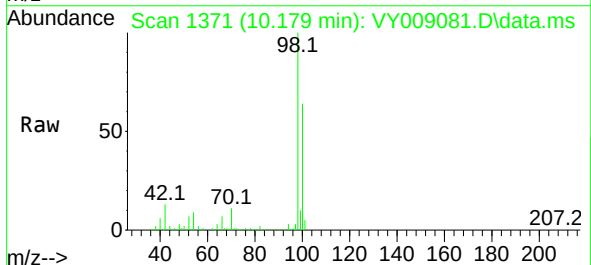
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MSVOA_Y
ClientSampleId :
VY0525SBL01



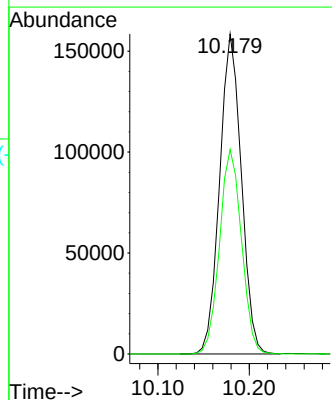
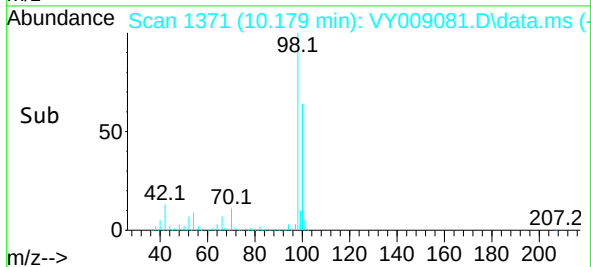
Tgt Ion:117 Resp: 11920
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

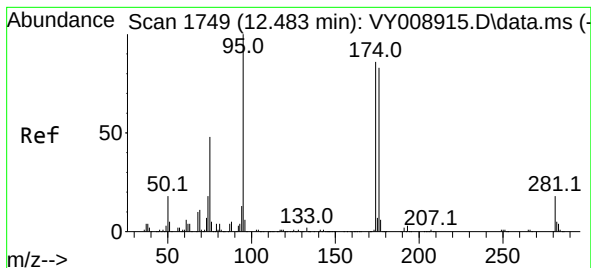


#50
Toluene-d8
Concen: 54.460 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009081.D
Acq: 25 May 2022 11:34



Tgt Ion: 98 Resp: 261600
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

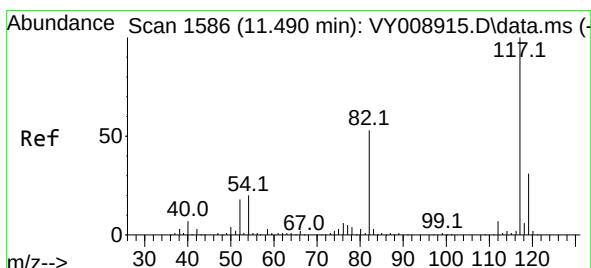
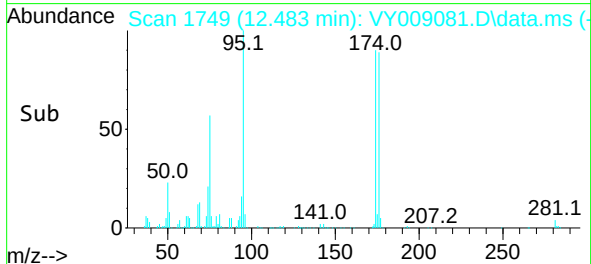
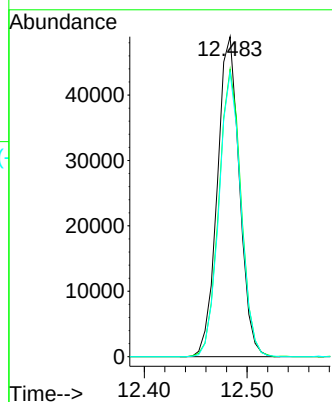
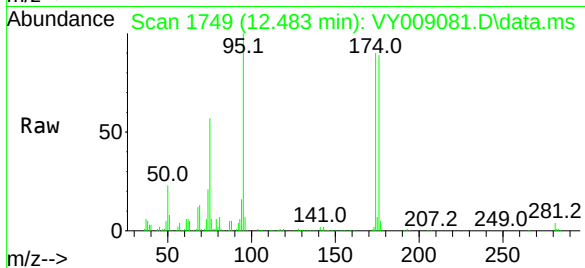




#62
4-Bromofluorobenzene
Concen: 37.646 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009081.D
Acq: 25 May 2022 11:34

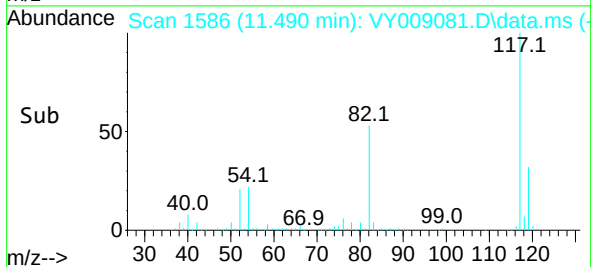
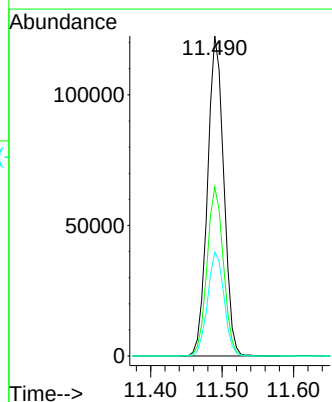
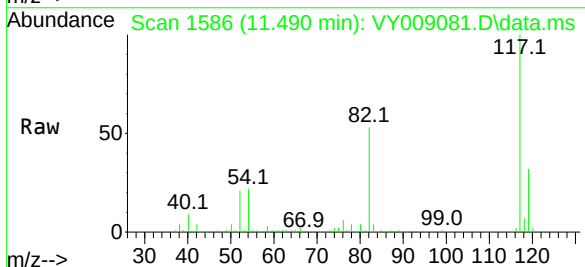
Instrument :
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VY0525SBL01

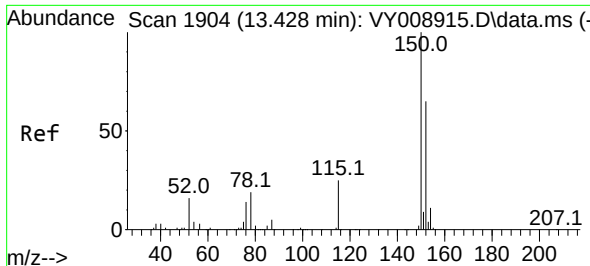
Tgt Ion: 95 Resp: 72946
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 87.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009081.D
Acq: 25 May 2022 11:34

Tgt Ion: 117 Resp: 193336
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.5 25.4 38.0

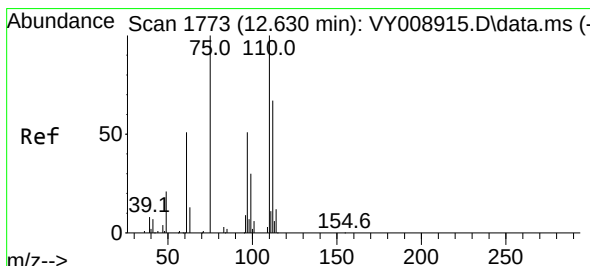
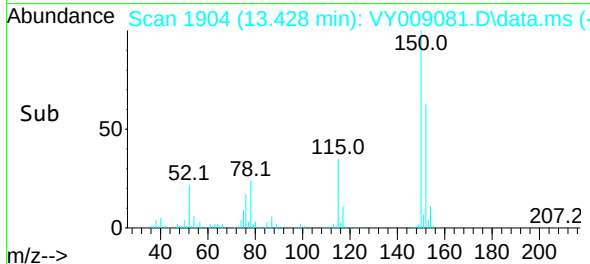
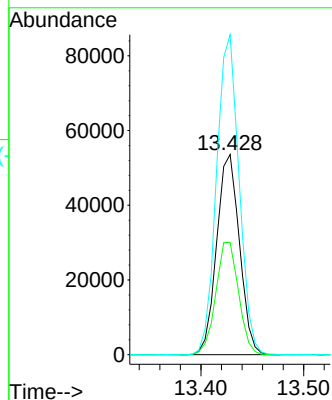
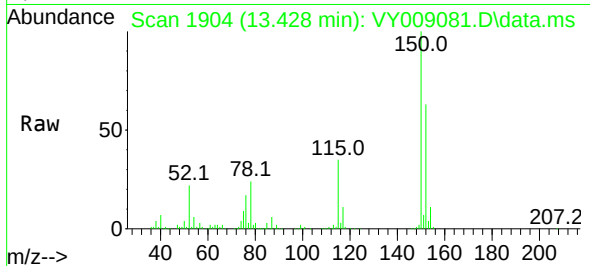




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009081.D
 Acq: 25 May 2022 11:34

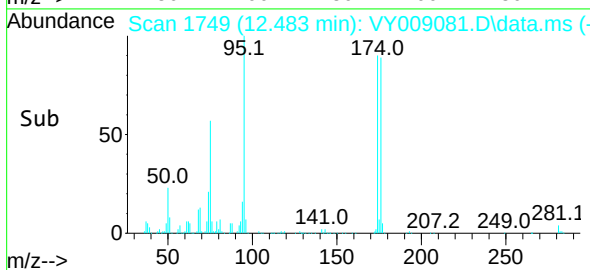
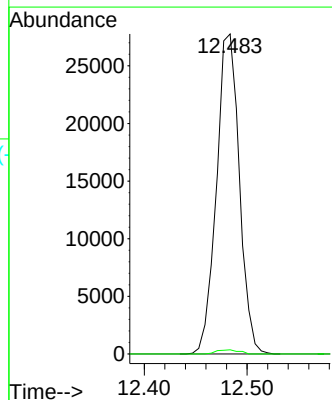
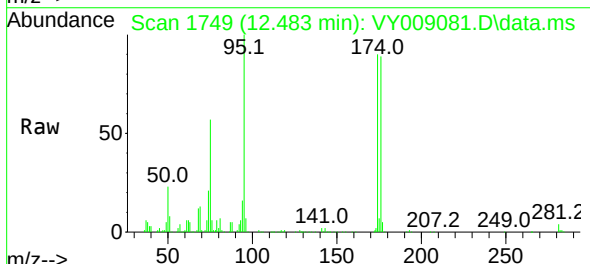
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0525SBL01

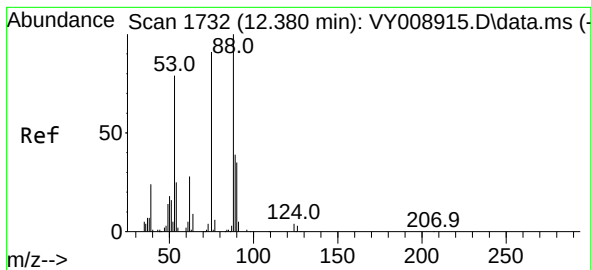
Tgt Ion:152 Resp: 82489
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.2 84.7
 150 157.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.418 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009081.D
 Acq: 25 May 2022 11:34

Tgt Ion: 75 Resp: 42890
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.377 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009081.D
 Acq: 25 May 2022 11:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0525SBL01

Tgt Ion: 75 Resp: 42890
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

