

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008719.D
 Acq On : 11 May 2022 19:57
 Operator : KP/MD
 Sample : N2781-09
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS007-0006-01

Quant Time: May 12 06:32:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

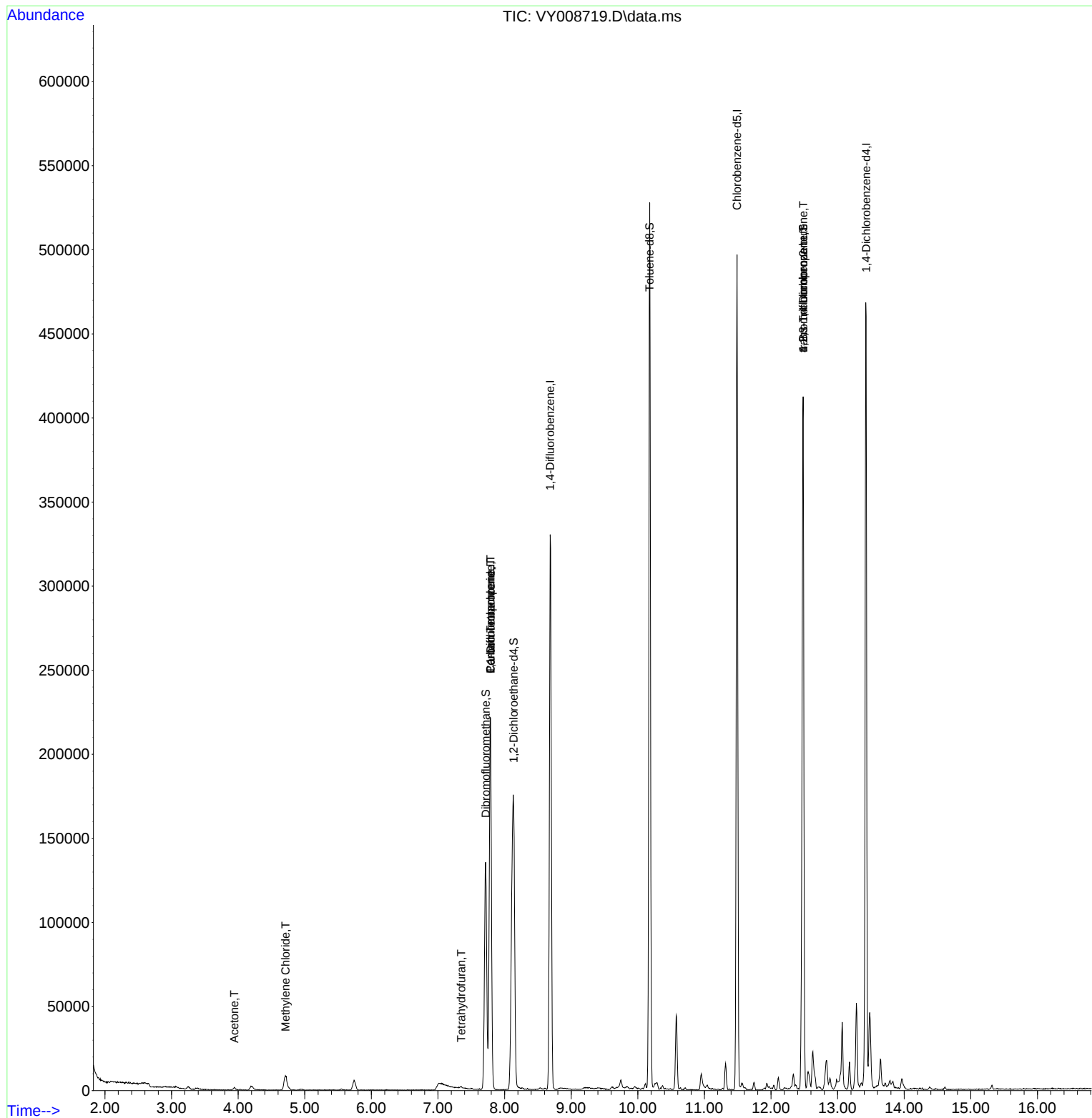
Internal Standards						
1) Pentafluorobenzene	7.789	168	187583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	306438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90337	56.204	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 112.400%	
35) Dibromofluoromethane	7.716	113	97201	51.473	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 102.940%	
50) Toluene-d8	10.179	98	355007	53.347	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.483	95	115276	48.149	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 96.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	550	Below Cal	#	77
16) Acetone	3.942	43	2330	6.144	ug/l #	75
18) Methyl Acetate	4.485	43	46	Below Cal	#	56
20) Methylene Chloride	4.710	84	7317	3.177	ug/l #	82
29) Tetrahydrofuran	7.350	42	531	1.275	ug/l #	84
36) 1,1-Dichloropropene	7.789	75	12233	4.032	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17012	5.544	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	56259	37.889	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56259	75.383	ug/l #	7

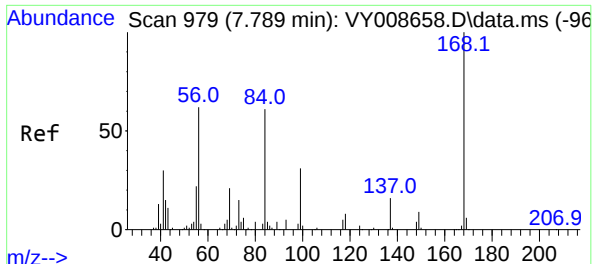
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
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Quant Title : SW846 8260
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Response via : Initial Calibration

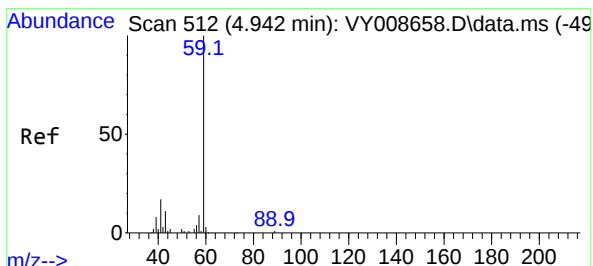
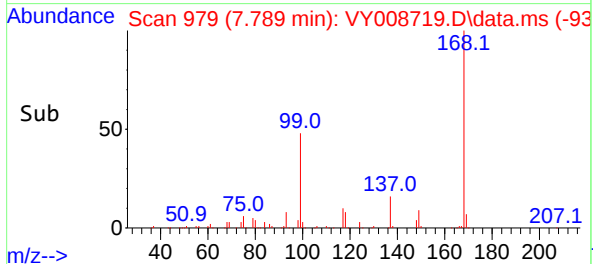
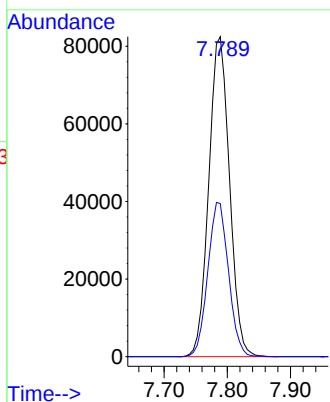
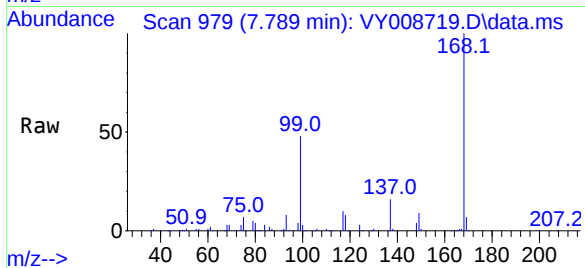




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

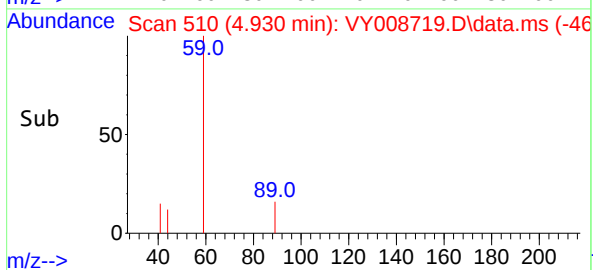
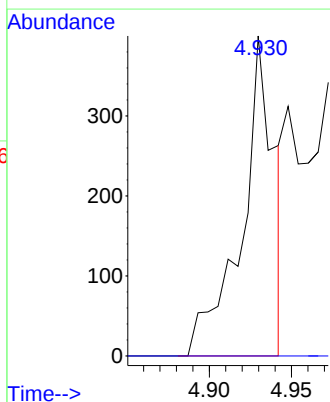
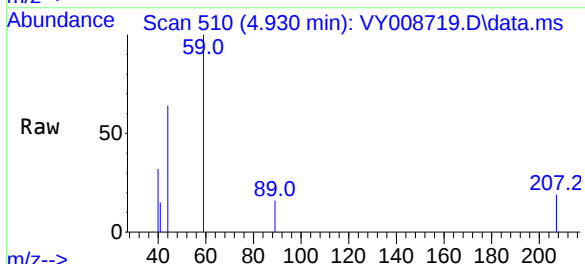
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS007-0006-01

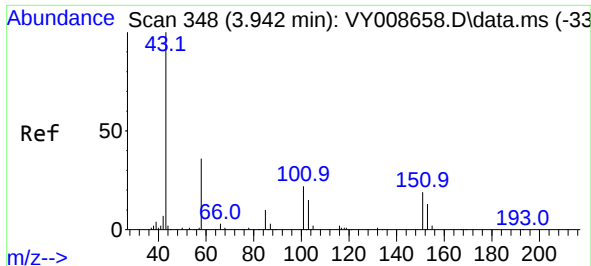
Tgt Ion:168 Resp: 187583
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

Tgt Ion: 59 Resp: 550
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

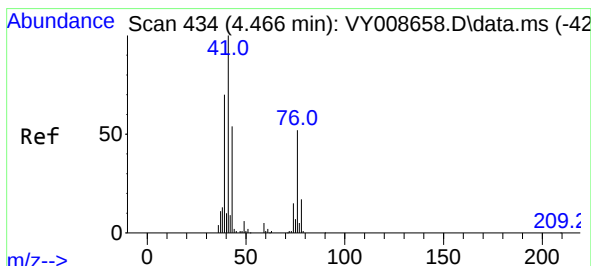
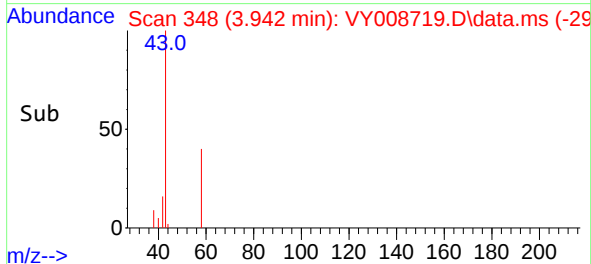
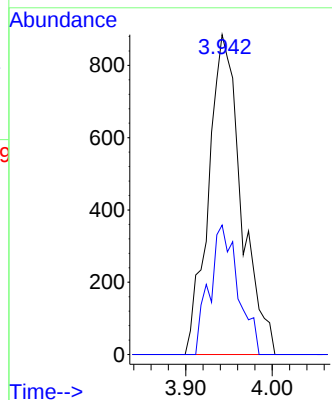
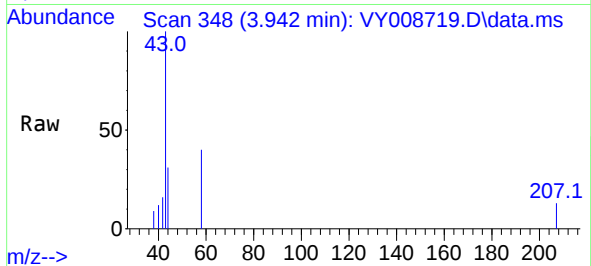




#16
Acetone
Concen: 6.144 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

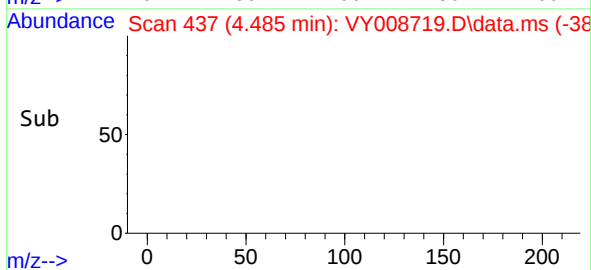
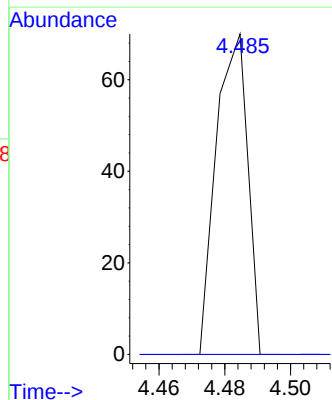
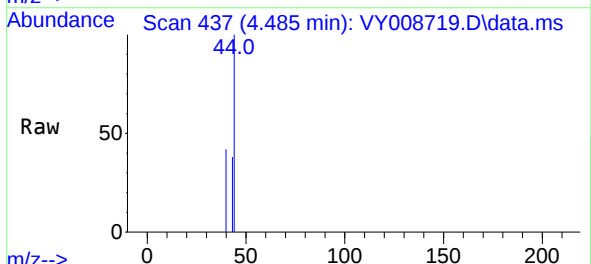
Instrument :
MSVOA_Y
ClientSampleId :
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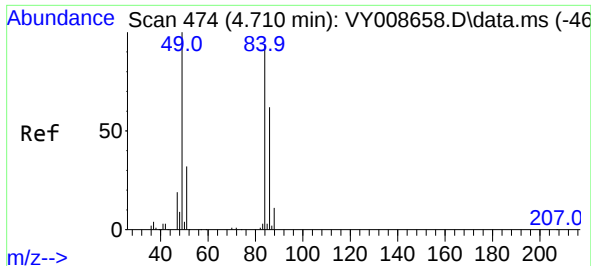
Tgt Ion: 43 Resp: 2330
Ion Ratio Lower Upper
43 100
58 40.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.019 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

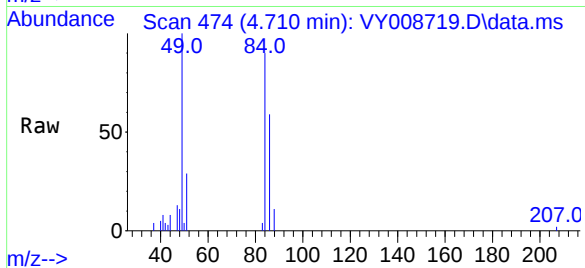
Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





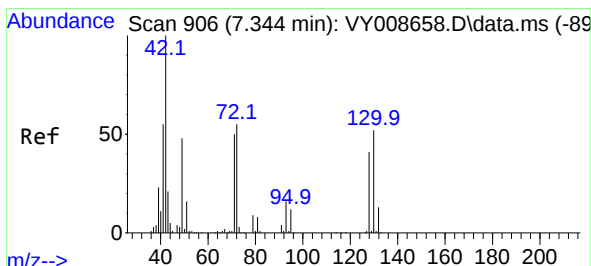
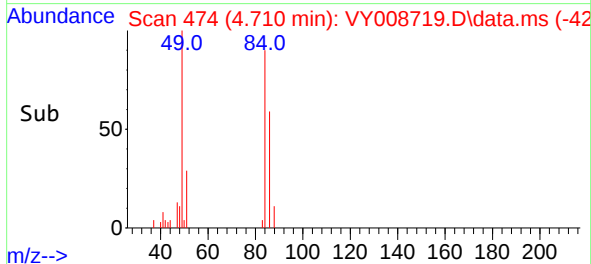
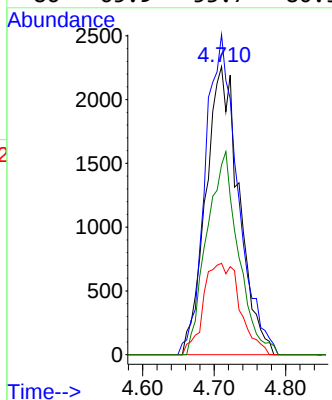
#20
Methylene Chloride
Concen: 3.177 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS007-0006-01



Tgt Ion: 84 Resp: 7317

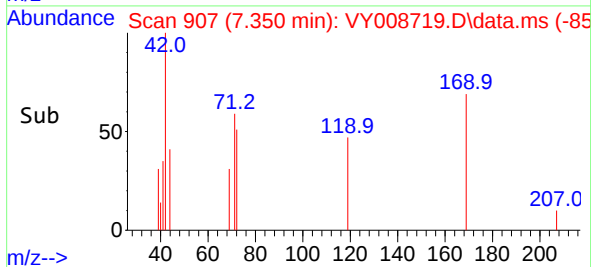
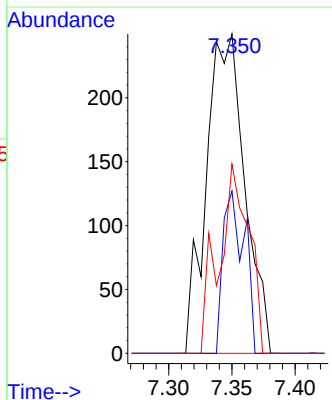
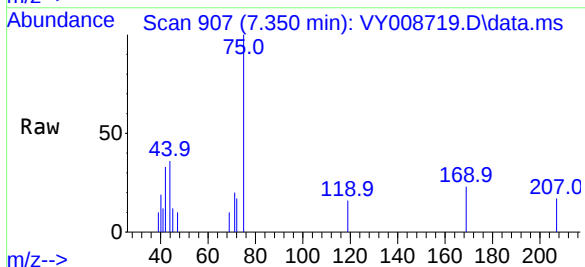
Ion	Ratio	Lower	Upper
84	100		
49	111.1	114.4	171.6#
51	31.8	35.3	52.9#
86	65.9	53.7	80.5

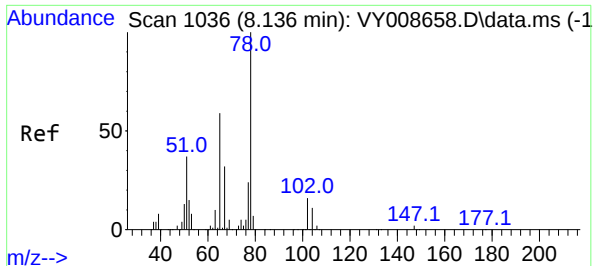


#29
Tetrahydrofuran
Concen: 1.275 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

Tgt Ion: 42 Resp: 531

Ion	Ratio	Lower	Upper
42	100		
72	28.2	30.3	45.5#
71	46.1	29.0	43.4#





#33

1,2-Dichloroethane-d4

Concen: 56.204 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY008719.D

Acq: 11 May 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

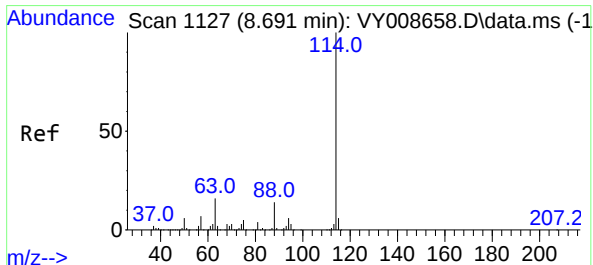
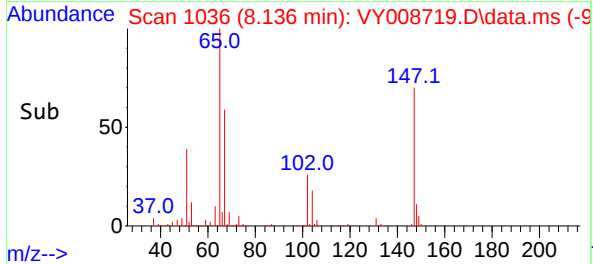
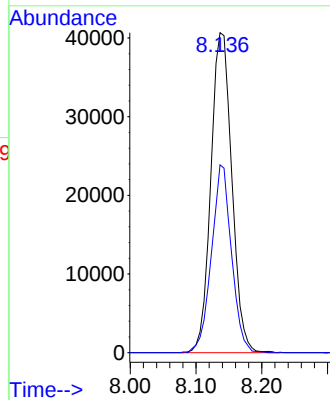
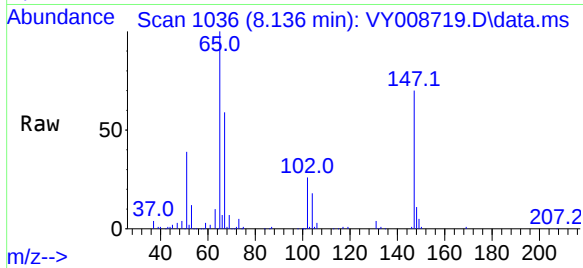
P003-SS007-0006-01

Tgt Ion: 65 Resp: 90337

Ion Ratio Lower Upper

65 100

67 56.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008719.D

Acq: 11 May 2022 19:57

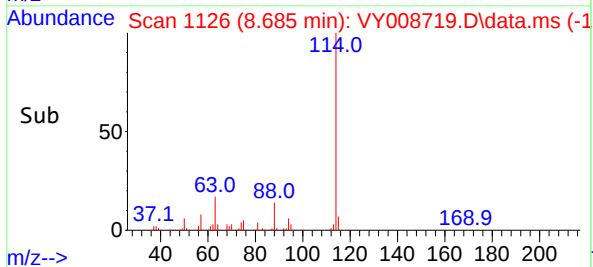
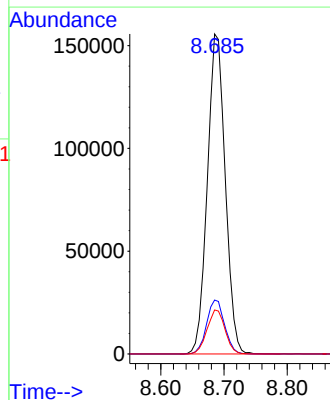
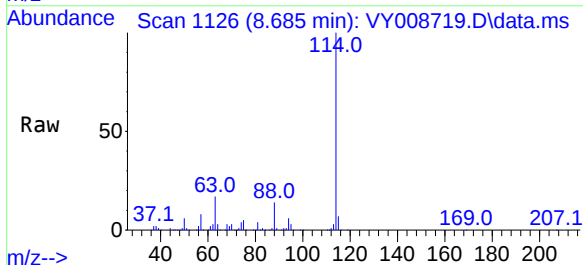
Tgt Ion: 114 Resp: 306438

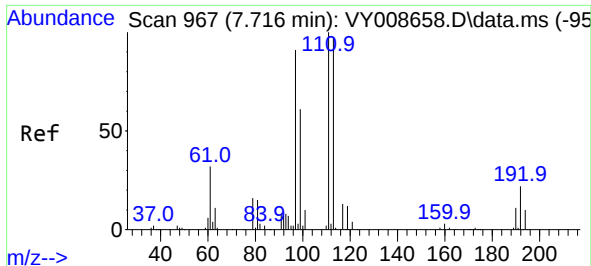
Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 13.8 0.0 31.8

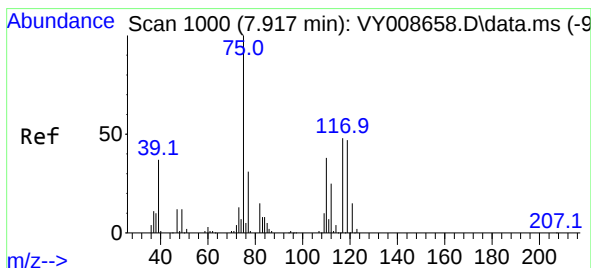
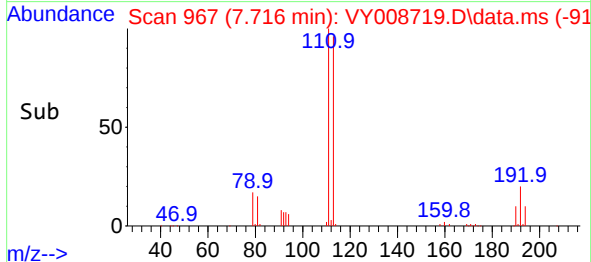
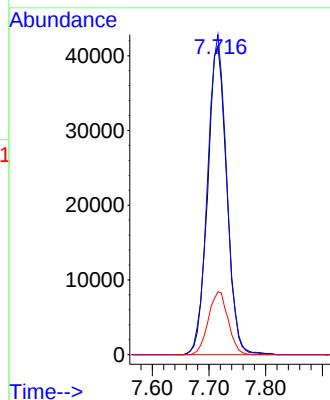
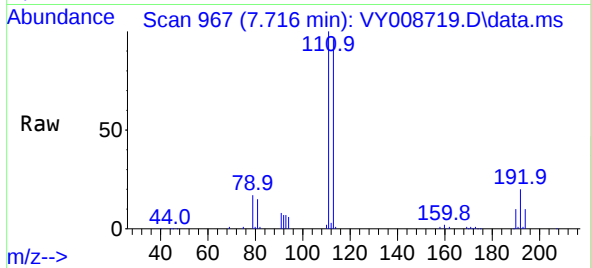




#35
Dibromofluoromethane
Concen: 51.473 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

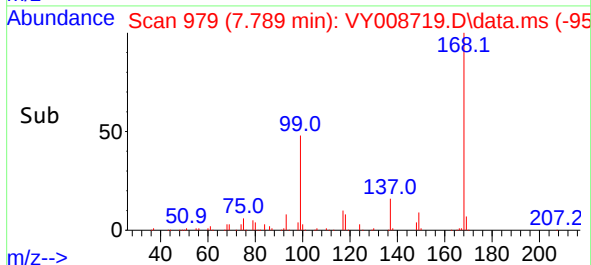
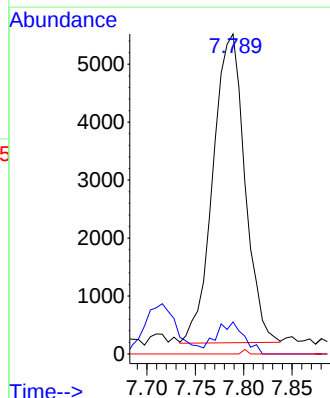
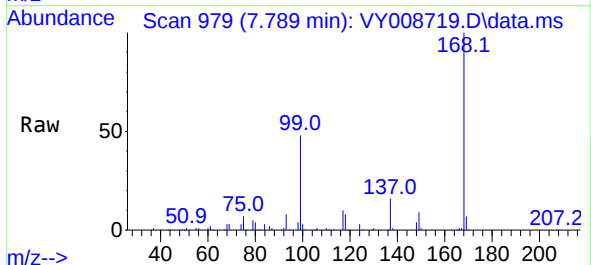
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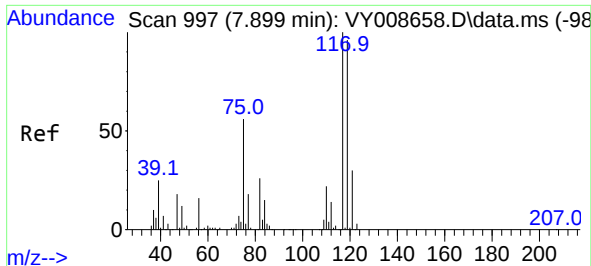
Tgt Ion:	113	Resp:	97201
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	20.9	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.032 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

Tgt Ion:	75	Resp:	12233
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.1	51.2#
77	0.2	24.4	36.6#

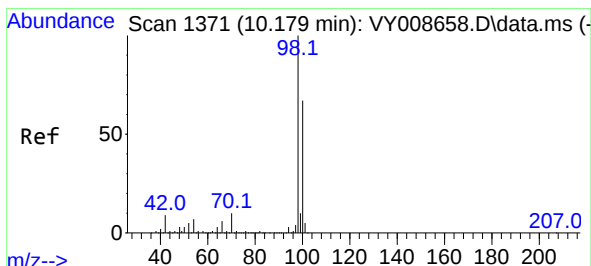
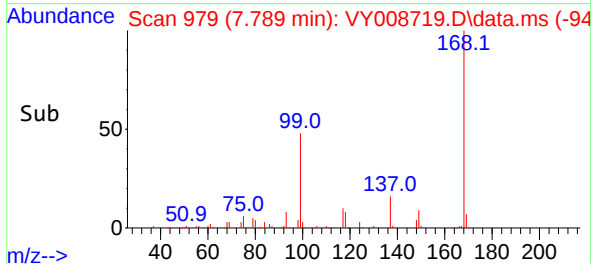
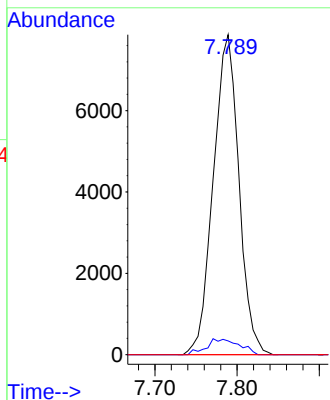
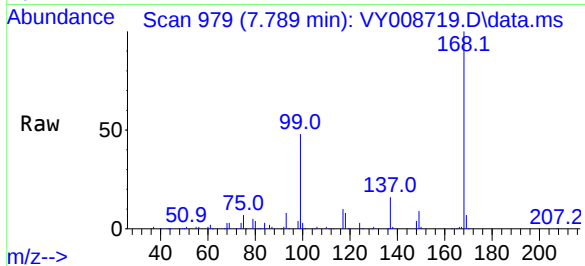




#38
Carbon Tetrachloride
Concen: 5.544 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

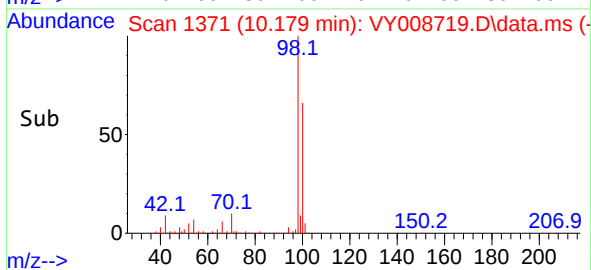
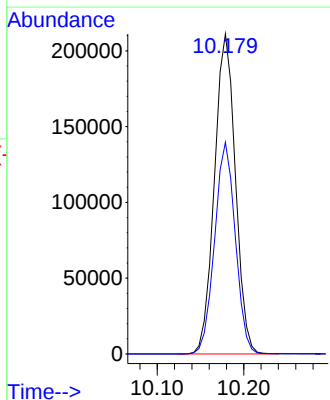
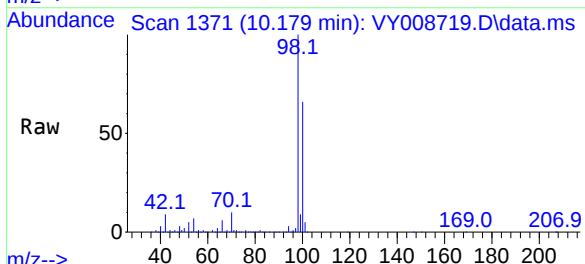
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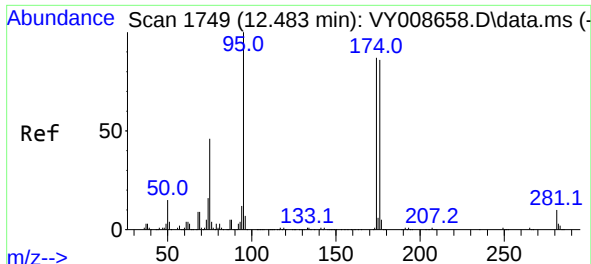
Tgt Ion:117 Resp: 17012
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.347 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

Tgt Ion: 98 Resp: 355007
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

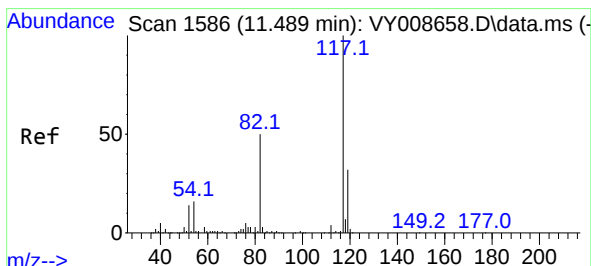
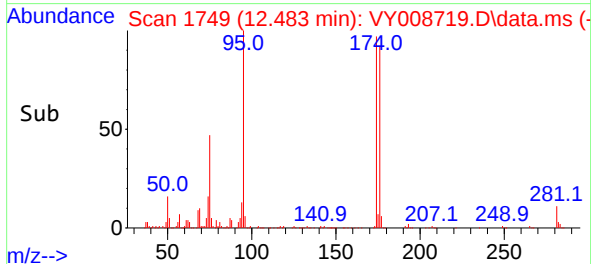
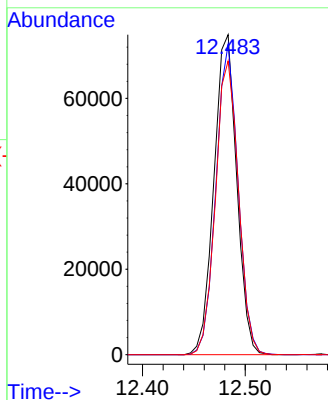
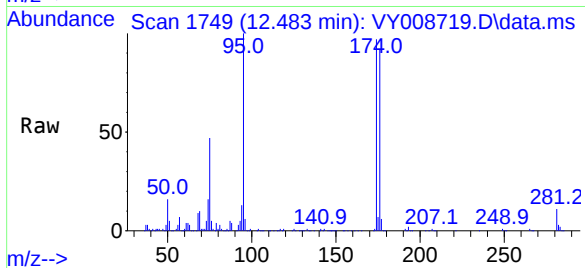




#62
4-Bromofluorobenzene
Concen: 48.149 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

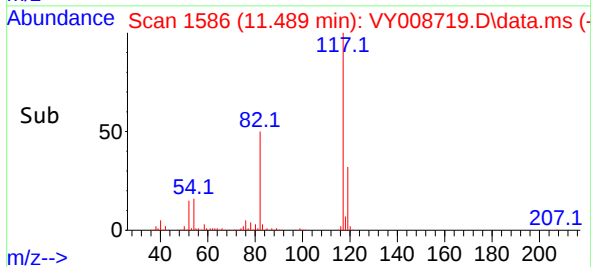
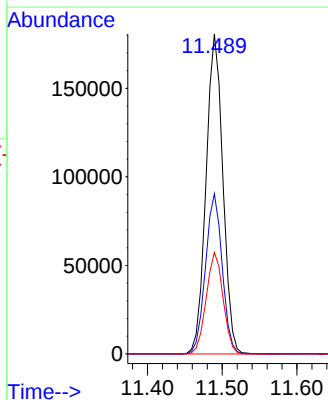
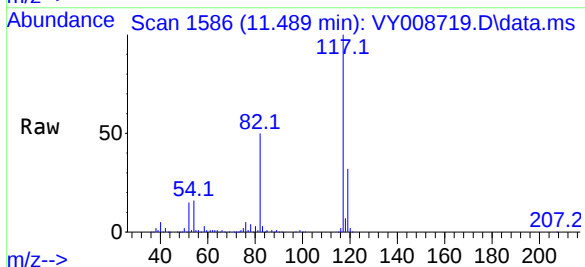
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS007-0006-01

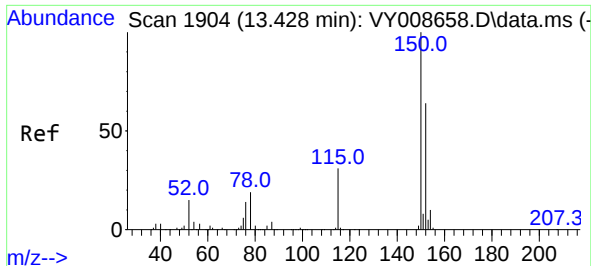
Tgt Ion: 95 Resp: 115276
Ion Ratio Lower Upper
95 100
174 94.1 0.0 177.0
176 92.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

Tgt Ion: 117 Resp: 282645
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 31.8 25.4 38.0

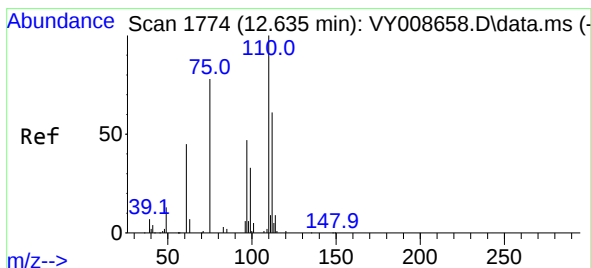
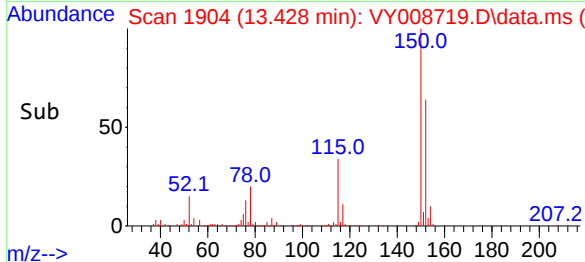
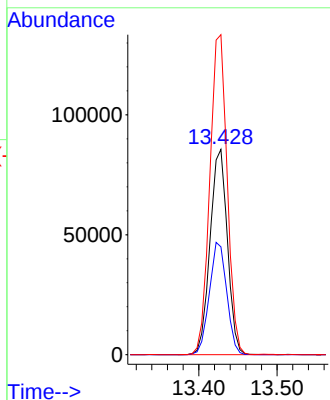
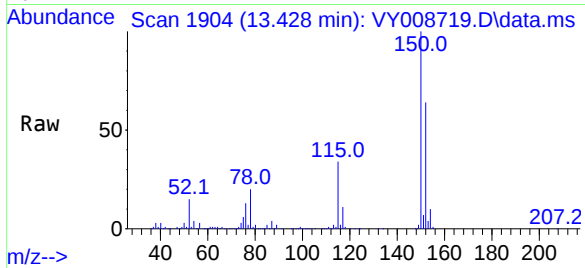




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

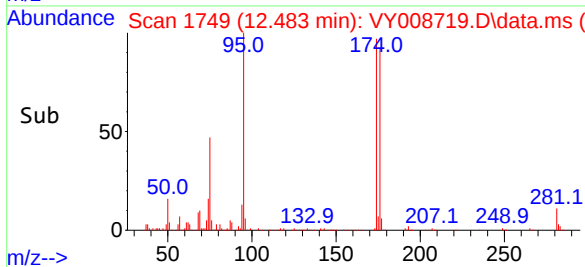
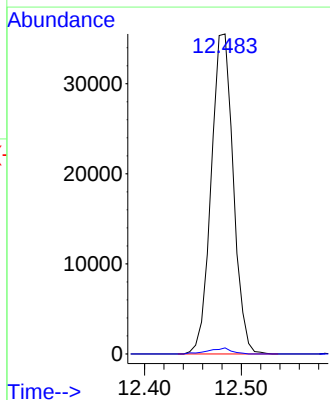
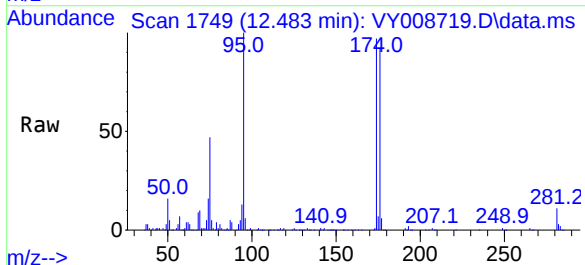
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS007-0006-01

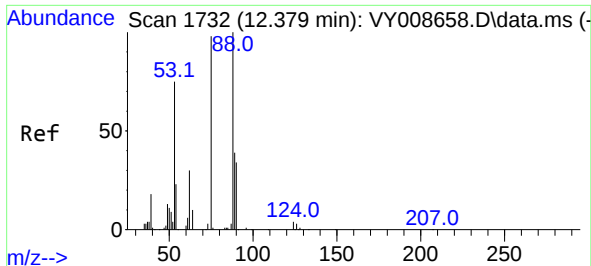
Tgt Ion:152 Resp: 131719
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 155.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 37.889 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

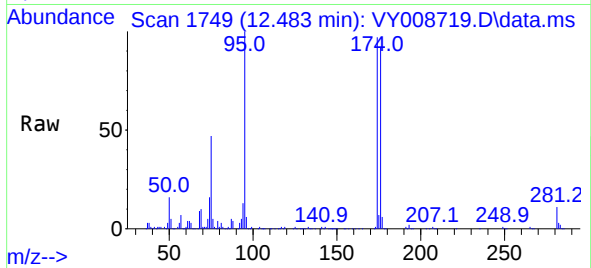
Tgt Ion: 75 Resp: 56259
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.383 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008719.D
 Acq: 11 May 2022 19:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS007-0006-01



Tgt Ion: 75 Resp: 56259
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

