

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040722\
 Data File : VY008247.D
 Acq On : 07 Apr 2022 15:24
 Operator : KP/MD
 Sample : N2272-01
 Misc : 3.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Apr 08 02:35:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

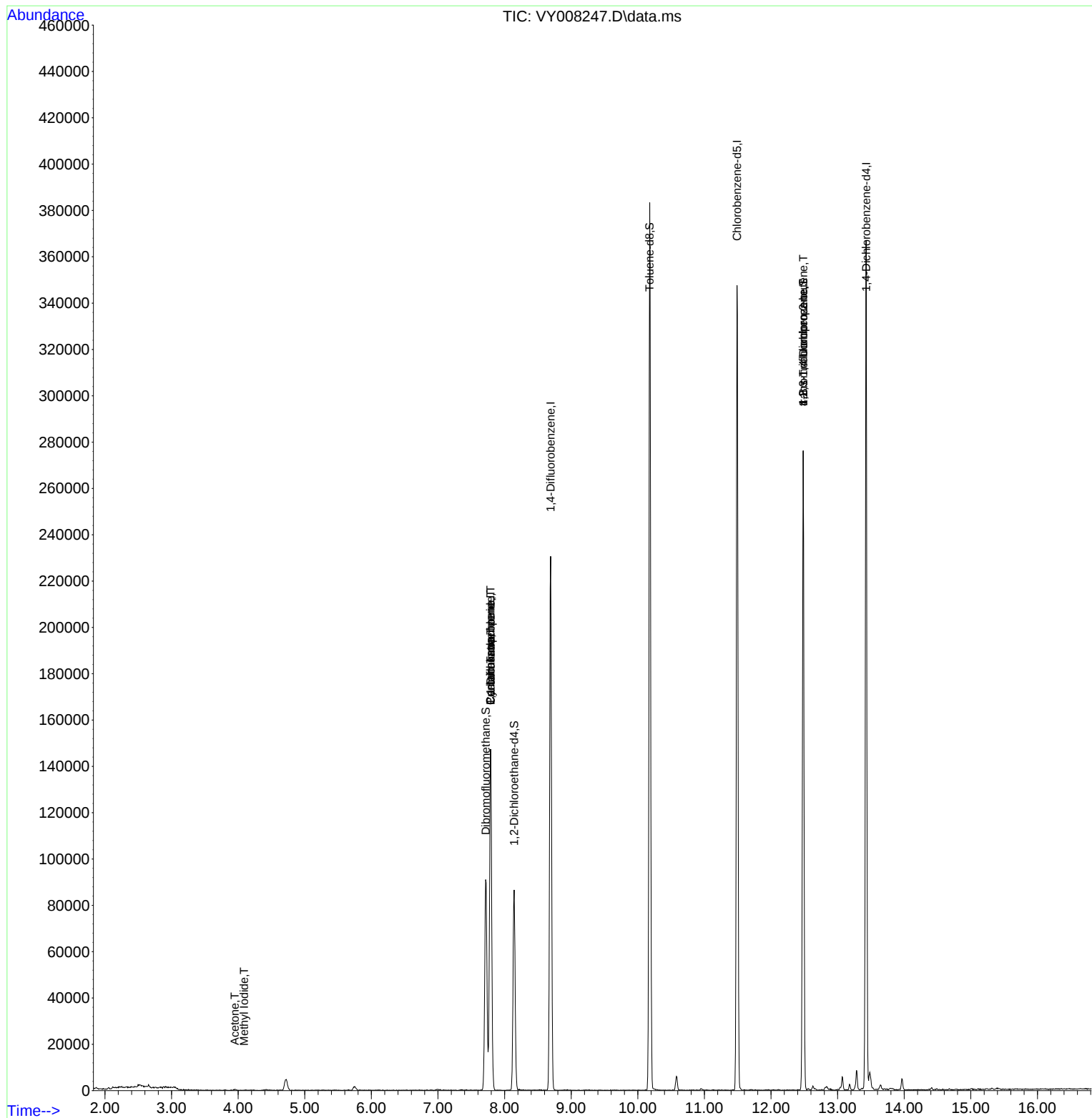
Internal Standards						
1) Pentafluorobenzene	7.789	168	116129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65152	55.919	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.840%			
35) Dibromofluoromethane	7.716	113	65625	50.496	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.000%			
50) Toluene-d8	10.179	98	257597	52.610	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.220%			
62) 4-Bromofluorobenzene	12.483	95	84721	49.044	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.080%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	58	1.733	ug/l #	35
16) Acetone	3.948	43	750	2.816	ug/l #	86
18) Methyl Acetate	4.466	43	152	Below Cal	#	56
20) Methylene Chloride	4.716	84	3978	Below Cal	#	83
31) Cyclohexane	7.789	56	2264	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8557	4.192	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11696	5.257	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	43645	39.597	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43645	88.347	ug/l #	7

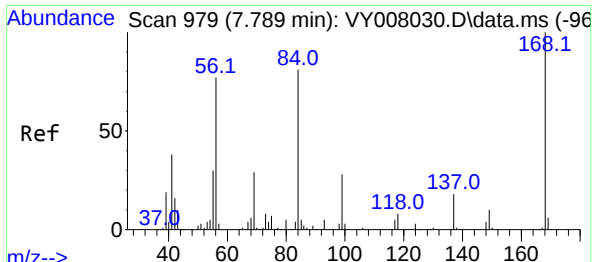
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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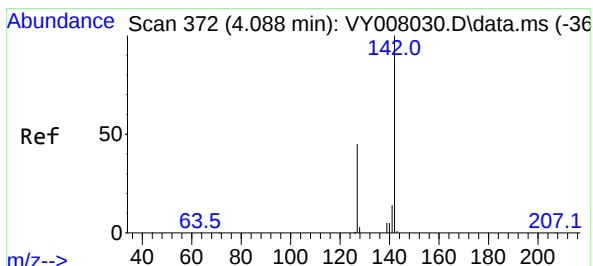
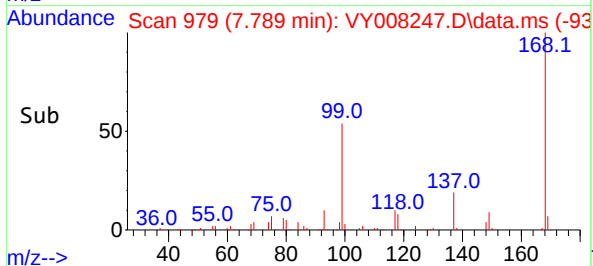
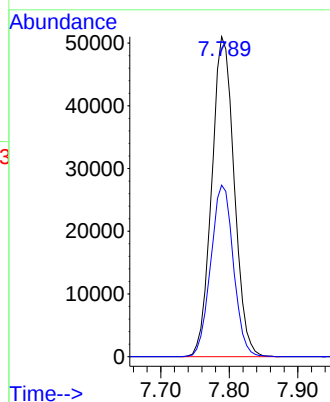
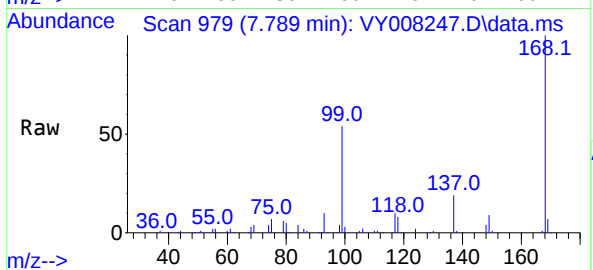




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008247.D
Acq: 07 Apr 2022 15:24

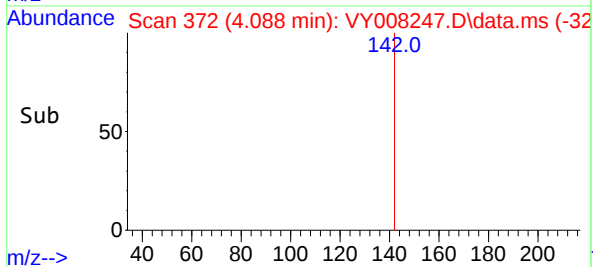
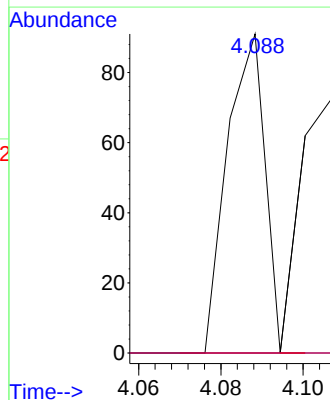
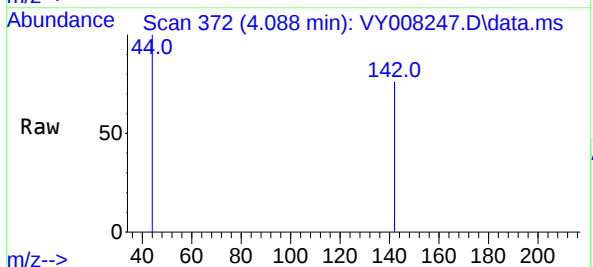
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

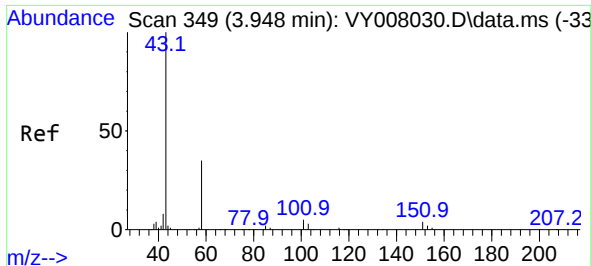
Tgt Ion:168 Resp: 116129
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#10
Methyl Iodide
Concen: 1.733 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008247.D
Acq: 07 Apr 2022 15:24

Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

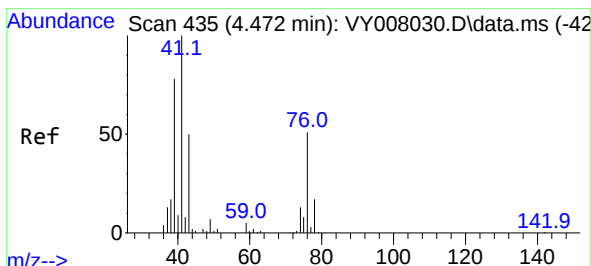
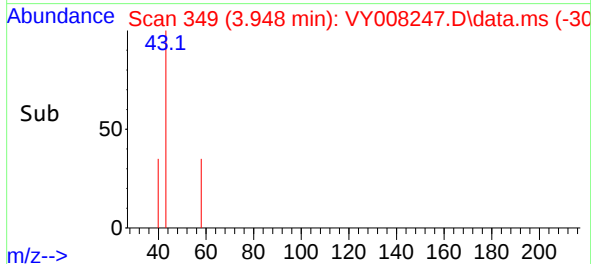
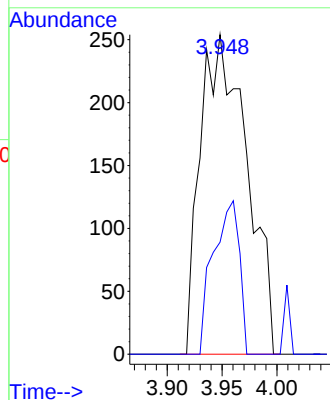
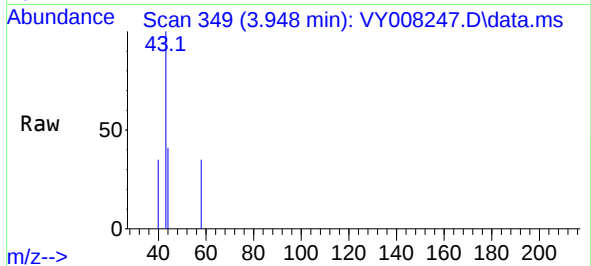




#16
Acetone
Concen: 2.816 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008247.D
Acq: 07 Apr 2022 15:24

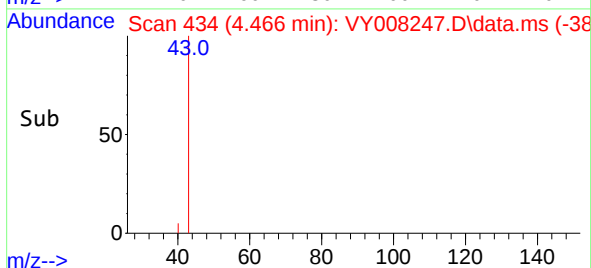
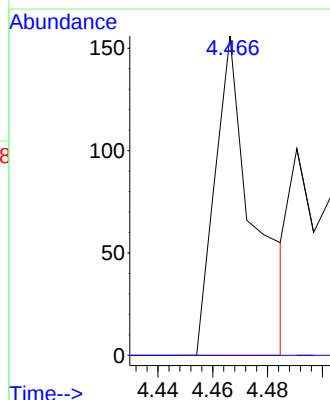
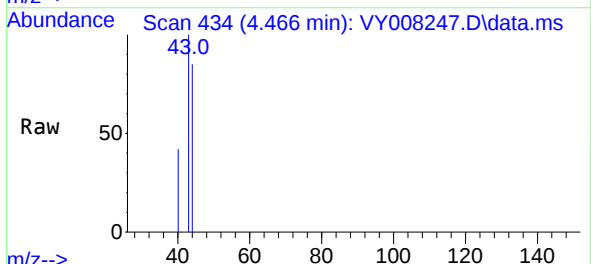
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

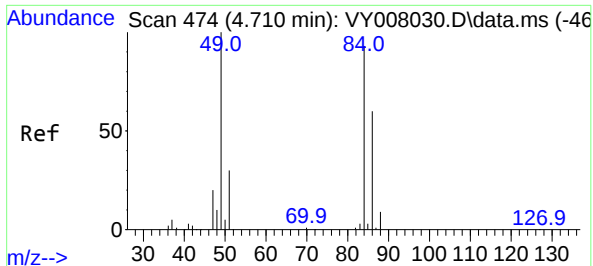
Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
58 35.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008247.D
Acq: 07 Apr 2022 15:24

Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



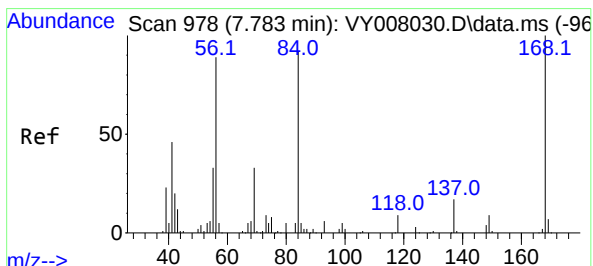
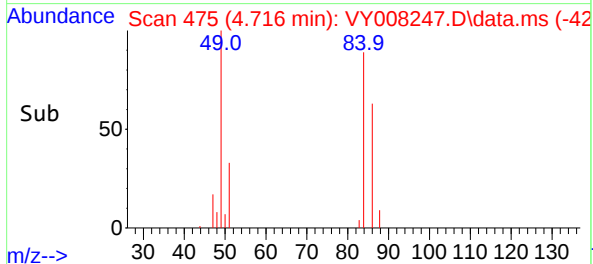
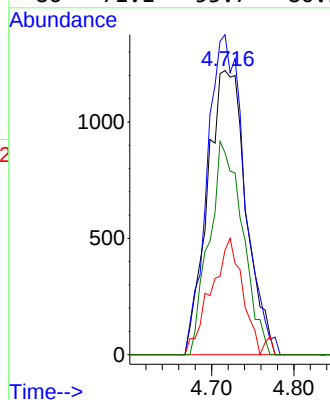
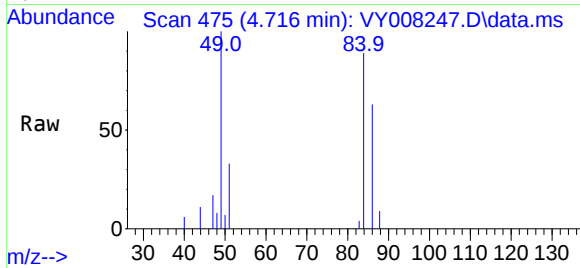


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008247.D
Acq: 07 Apr 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion: 84 Resp: 3978

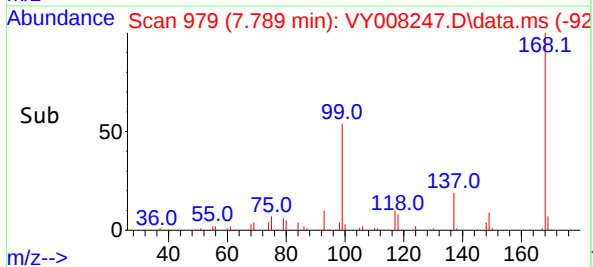
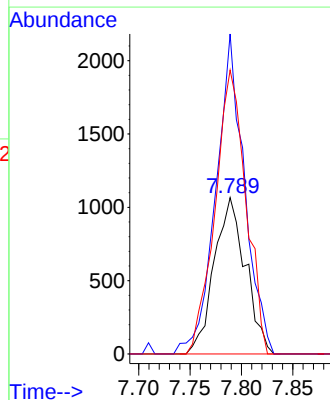
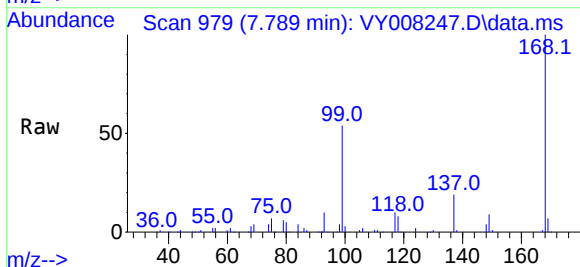
Ion	Ratio	Lower	Upper
84	100		
49	112.6	114.4	171.6#
51	36.8	35.3	52.9
86	71.1	53.7	80.5

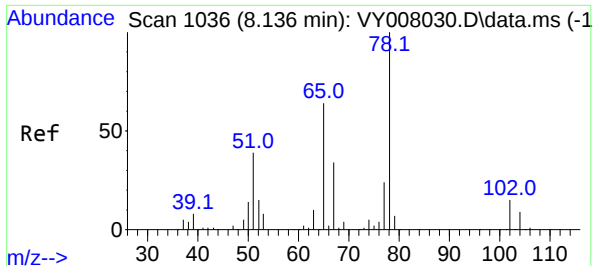


#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008247.D
Acq: 07 Apr 2022 15:24

Tgt Ion: 56 Resp: 2264

Ion	Ratio	Lower	Upper
56	100		
69	204.7	26.7	40.1#
84	181.5	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.919 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY008247.D

Acq: 07 Apr 2022 15:24

Instrument :

MSVOA_Y

ClientSampleId :

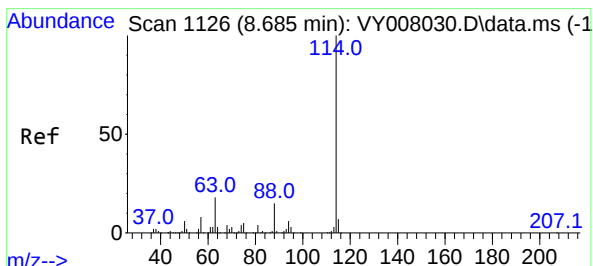
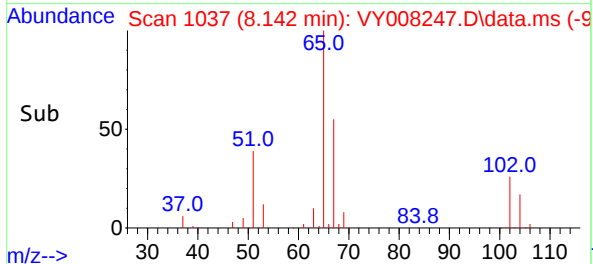
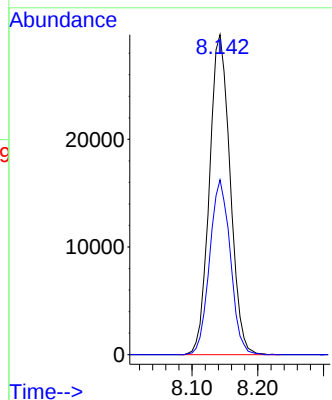
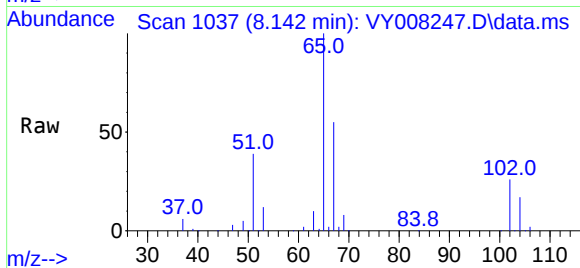
TP-1

Tgt Ion: 65 Resp: 65152

Ion Ratio Lower Upper

65 100

67 54.5 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: VY008247.D

Acq: 07 Apr 2022 15:24

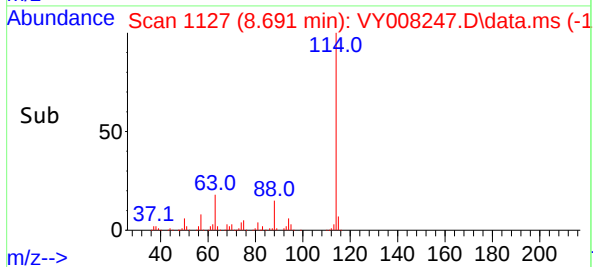
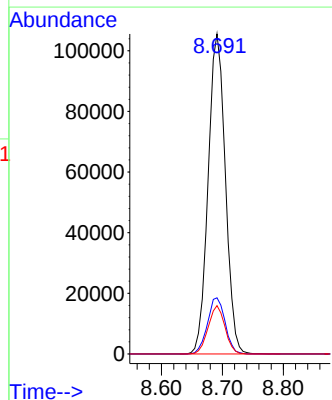
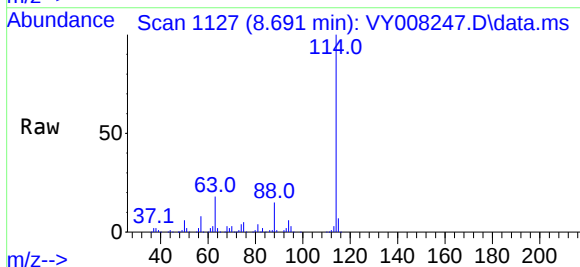
Tgt Ion: 114 Resp: 207285

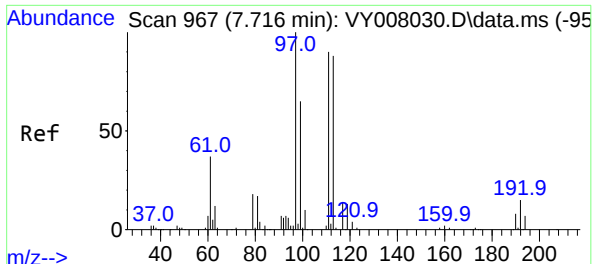
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.1 0.0 31.8

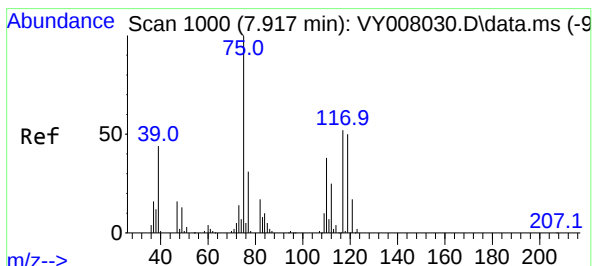
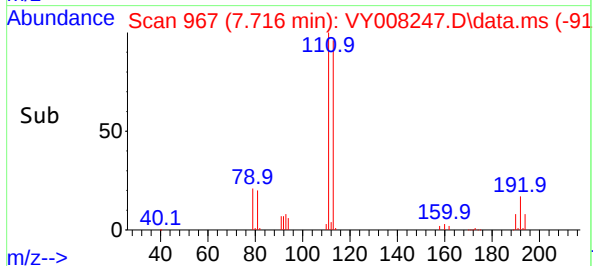
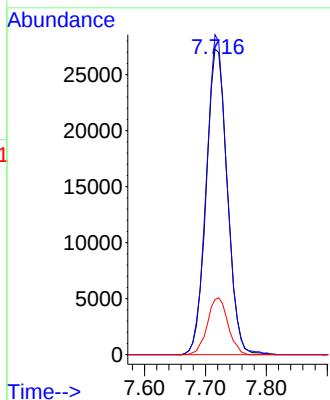
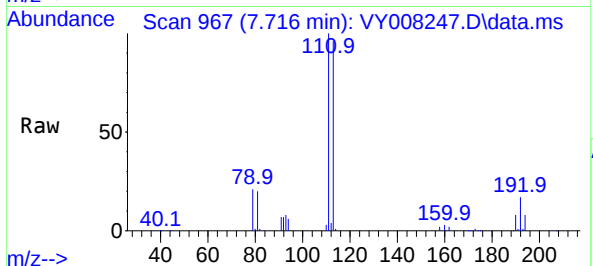




#35
Dibromofluoromethane
Concen: 50.496 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008247.D
Acq: 07 Apr 2022 15:24

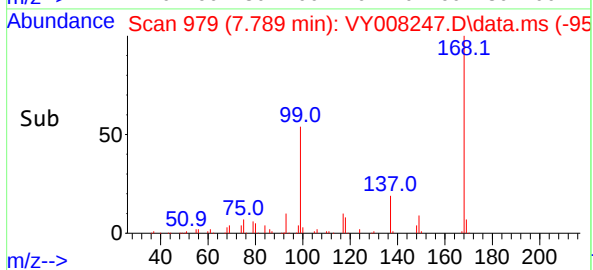
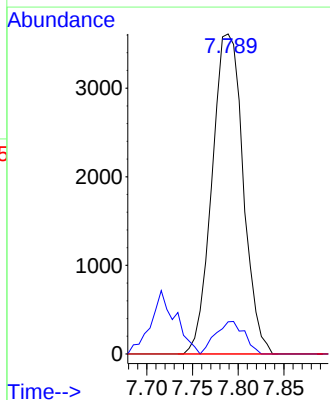
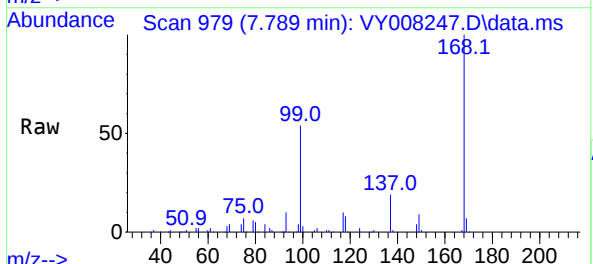
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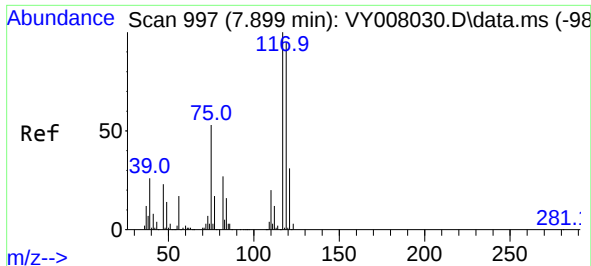
Tgt Ion:	113	Resp:	65625
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	18.2	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.192 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008247.D
Acq: 07 Apr 2022 15:24

Tgt Ion:	75	Resp:	8557
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.1	51.2#
77	0.0	24.4	36.6#

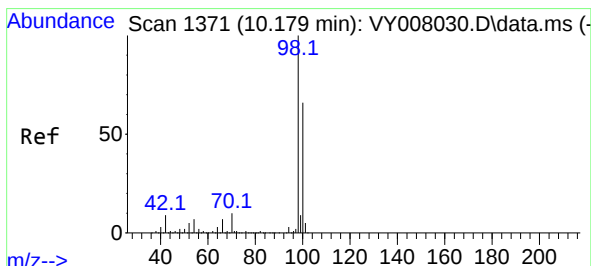
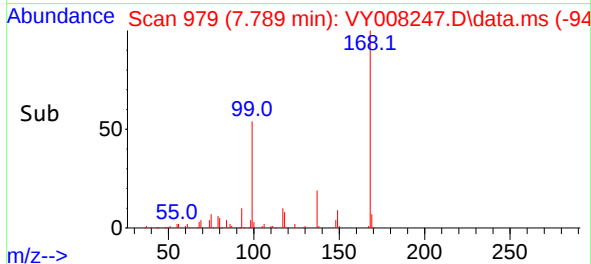
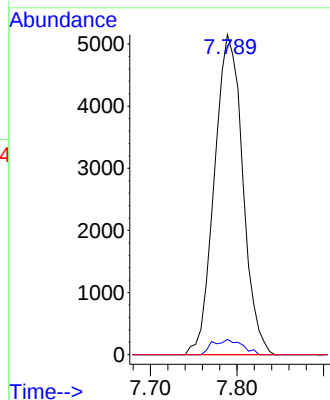
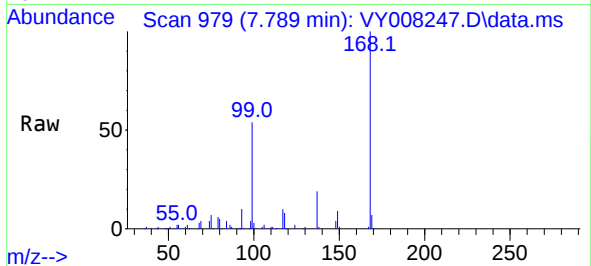




#38
Carbon Tetrachloride
Concen: 5.257 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008247.D
Acq: 07 Apr 2022 15:24

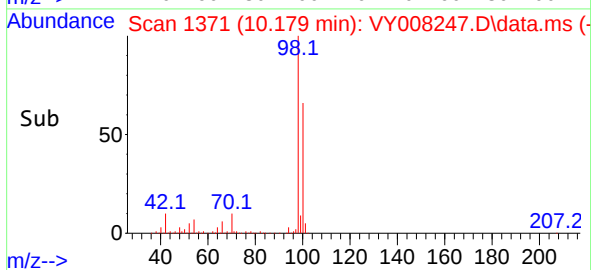
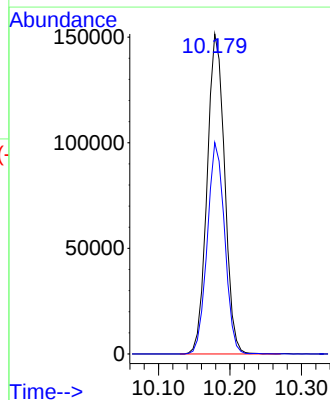
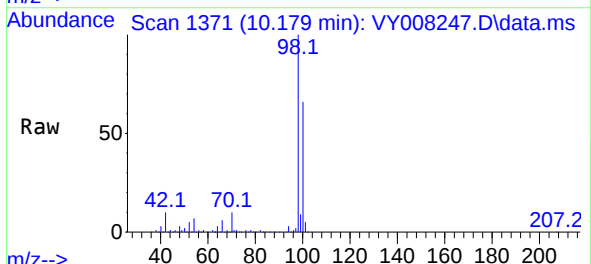
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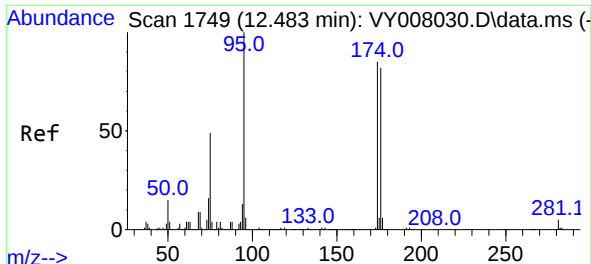
Tgt Ion:117 Resp: 11696
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.610 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008247.D
Acq: 07 Apr 2022 15:24

Tgt Ion: 98 Resp: 257597
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

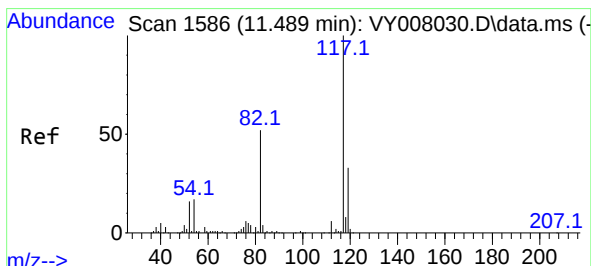
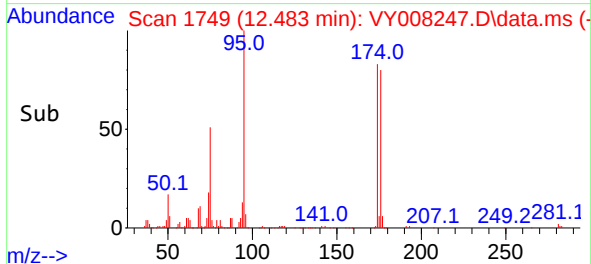
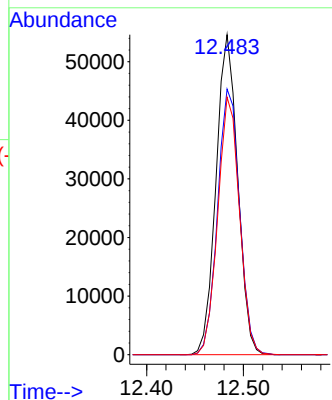
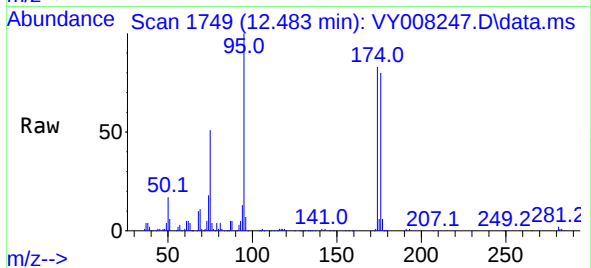




#62
4-Bromofluorobenzene
Concen: 49.044 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008247.D
Acq: 07 Apr 2022 15:24

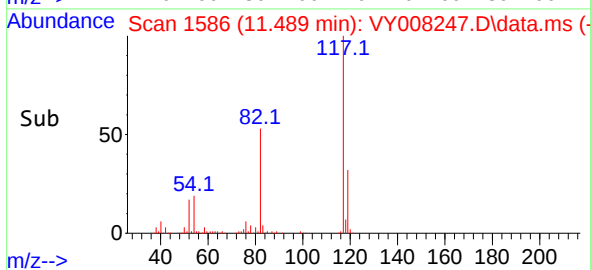
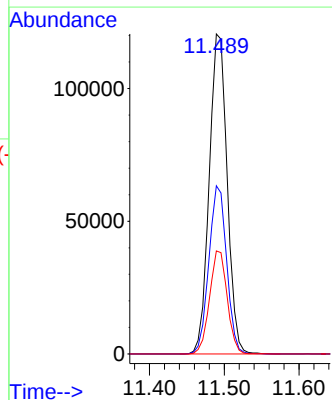
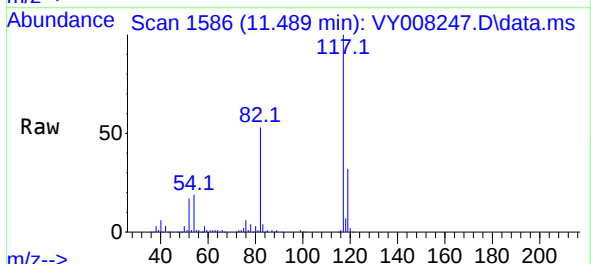
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

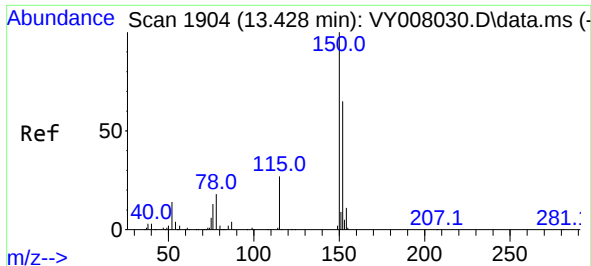
Tgt Ion: 95 Resp: 84721
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 80.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008247.D
Acq: 07 Apr 2022 15:24

Tgt Ion: 117 Resp: 201275
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.2 25.4 38.0

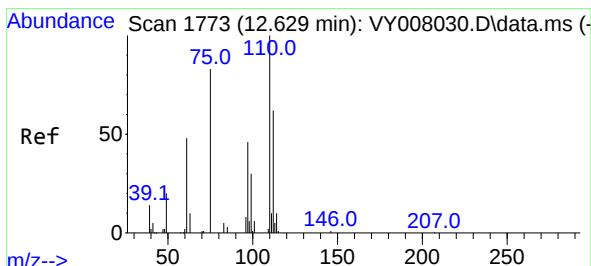
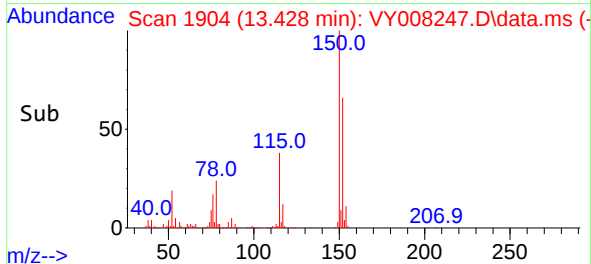
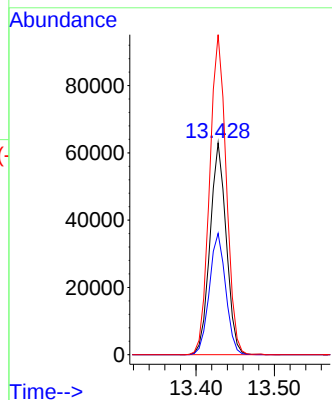
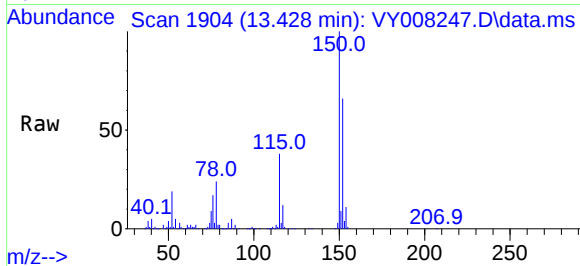




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008247.D
 Acq: 07 Apr 2022 15:24

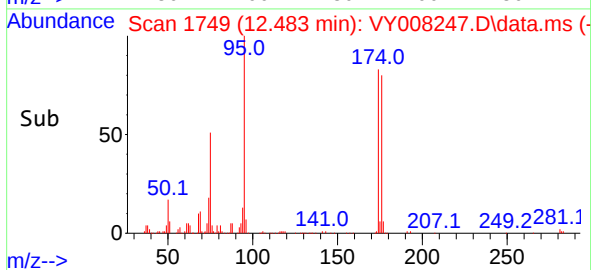
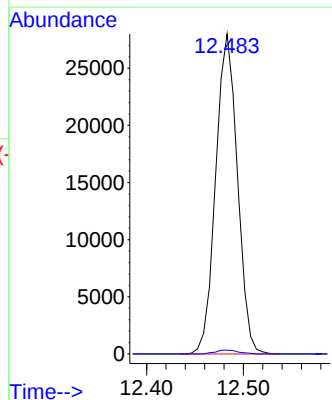
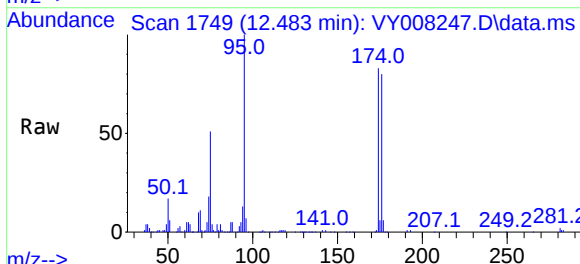
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

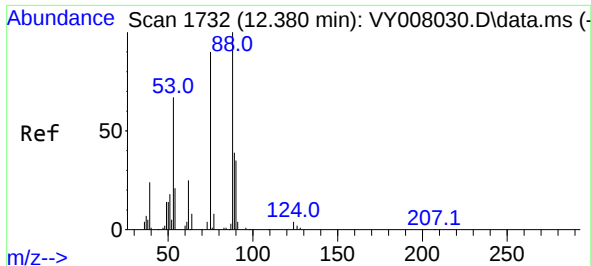
Tgt Ion:152 Resp: 90421
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 154.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.597 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008247.D
 Acq: 07 Apr 2022 15:24

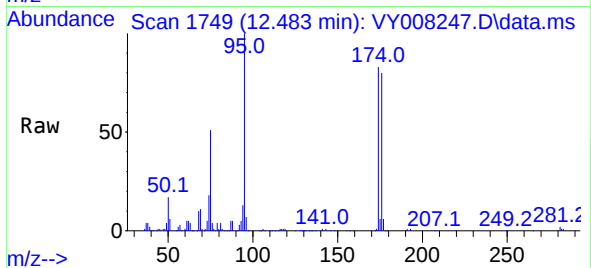
Tgt Ion: 75 Resp: 43645
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.347 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008247.D
 Acq: 07 Apr 2022 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1



Tgt Ion: 75 Resp: 43645
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

