

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009333.D
 Acq On : 25 Jun 2022 18:52
 Operator : KP/MD
 Sample : N3488-13
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:32:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

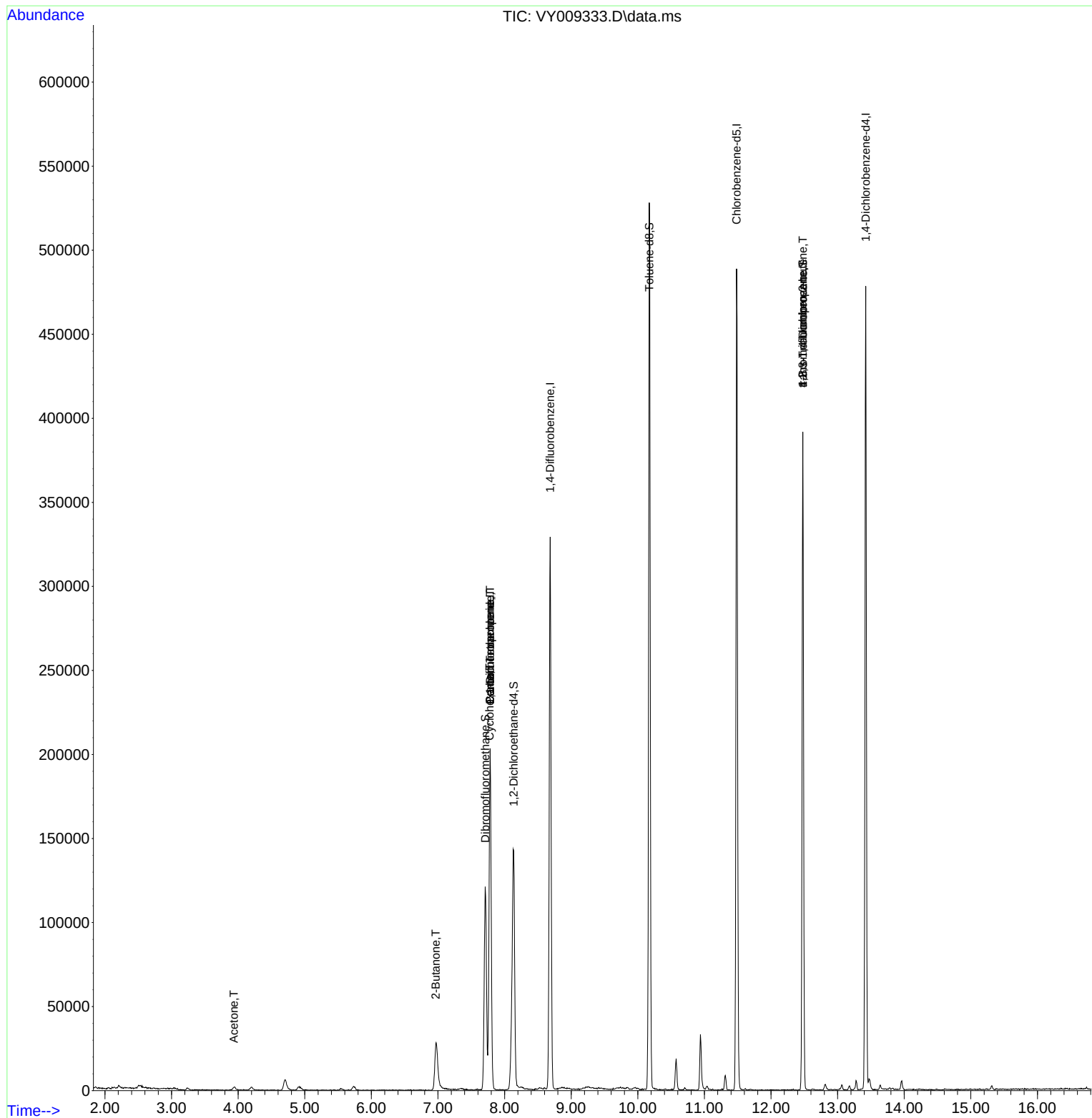
Internal Standards						
1) Pentafluorobenzene	7.783	168	156599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	256582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96779	85.304	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 170.600%#		
35) Dibromofluoromethane	7.710	113	83280	56.608	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 113.220%		
50) Toluene-d8	10.173	98	325509	79.771	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 159.540%#		
62) 4-Bromofluorobenzene	12.477	95	105328	50.270	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 100.540%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	2479	Below Cal	#	78
16) Acetone	3.936	43	3654	9.127	ug/l	91
20) Methylene Chloride	4.710	84	4151	Below Cal	#	79
25) 2-Butanone	6.966	43	1875	3.114	ug/l	# 48
31) Cyclohexane	7.777	56	3012	1.064	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	12278	4.973	ug/l	# 48
38) Carbon Tetrachloride	7.783	117	15053	5.929	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	56387	49.907	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	56387	98.794	ug/l	# 13

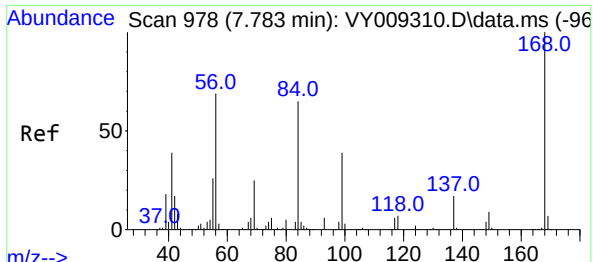
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
Data File : VY009333.D
Acq On : 25 Jun 2022 18:52
Operator : KP/MD
Sample : N3488-13
Misc : 5.38g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

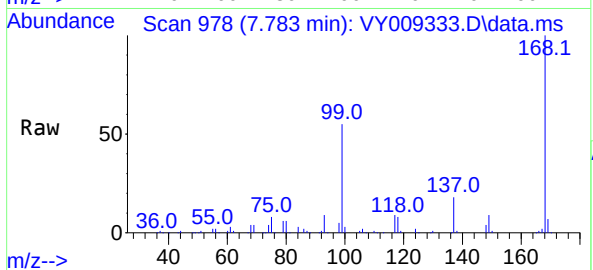
Quant Time: Jun 27 10:32:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 25 07:08:46 2022
Response via : Initial Calibration



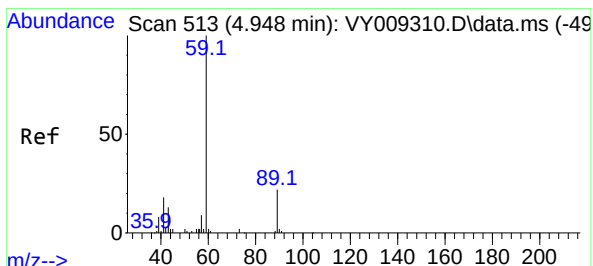
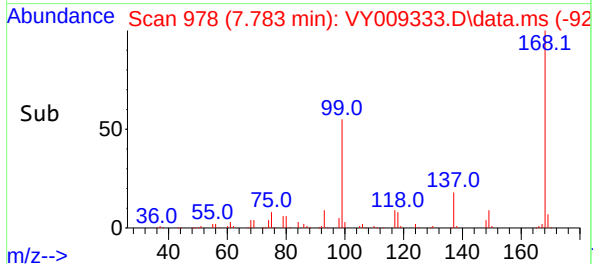
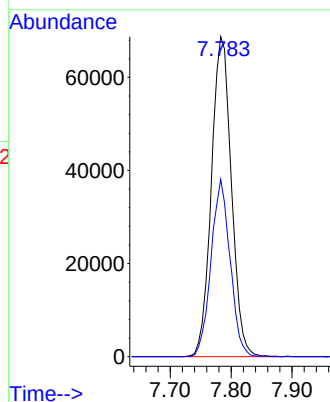


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

Instrument :
MSVOA_Y
ClientSampleId :

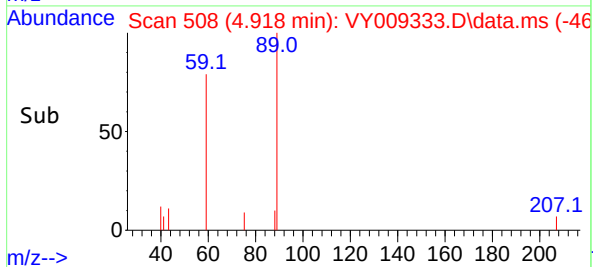
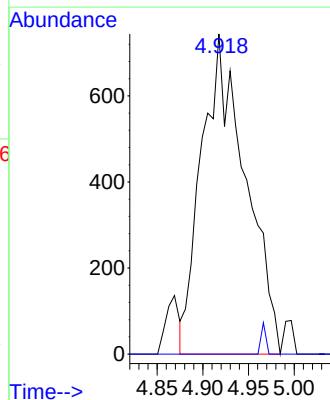
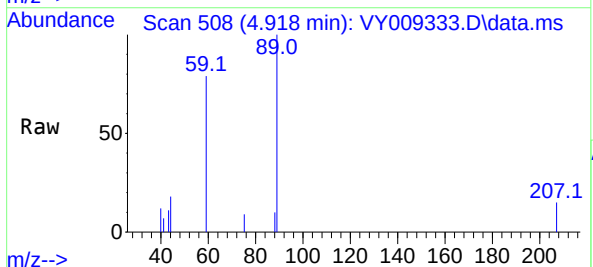


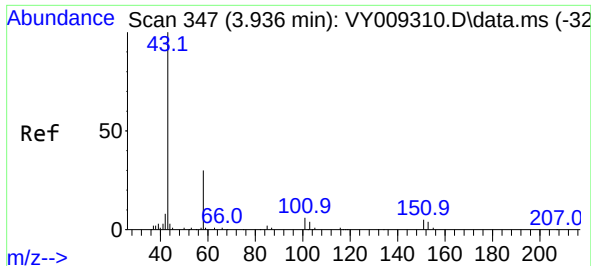
Tgt Ion:168 Resp: 156599
Ion Ratio Lower Upper
168 100
99 55.4 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

Tgt Ion: 59 Resp: 2479
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

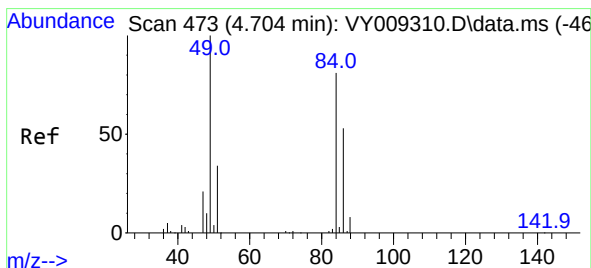
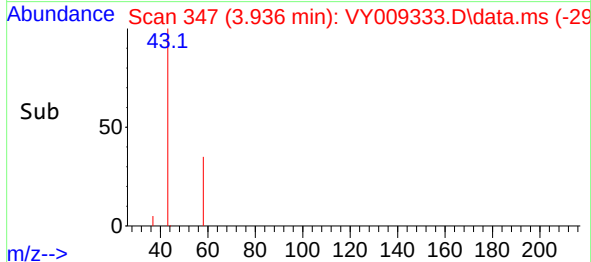
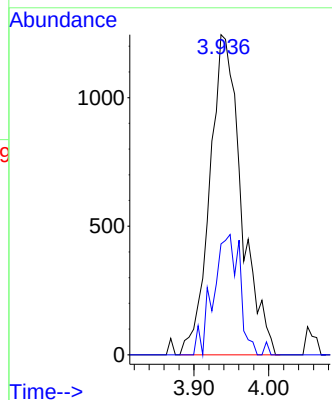
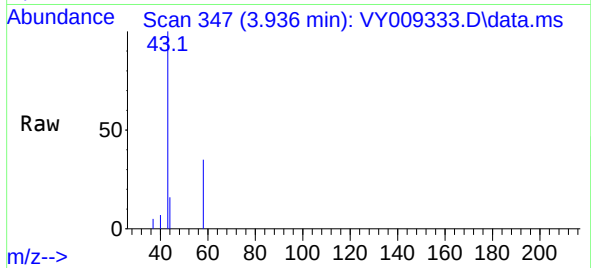




#16
Acetone
Concen: 9.127 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

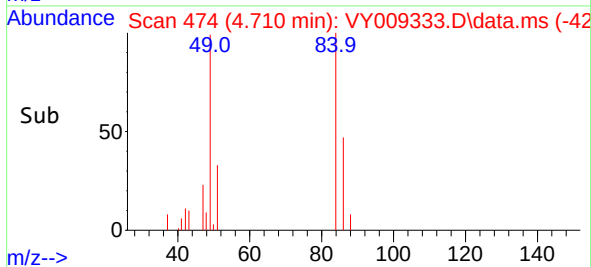
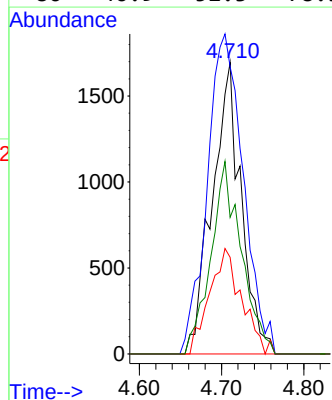
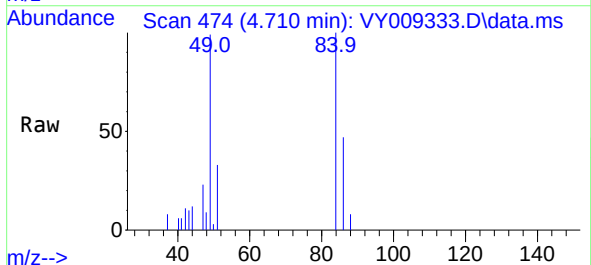
Instrument :
MSVOA_Y
ClientSampleId :

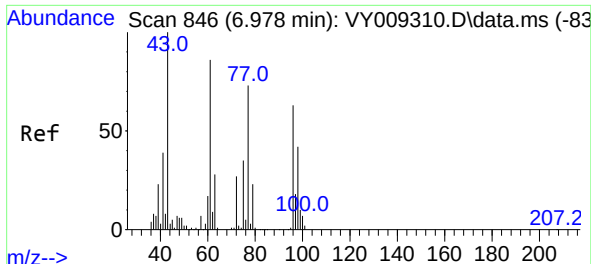
Tgt Ion: 43 Resp: 3654
Ion Ratio Lower Upper
43 100
58 34.6 24.0 36.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

Tgt Ion: 84 Resp: 4151
Ion Ratio Lower Upper
84 100
49 98.5 98.2 147.4
51 33.2 33.4 50.0#
86 46.9 52.3 78.5#

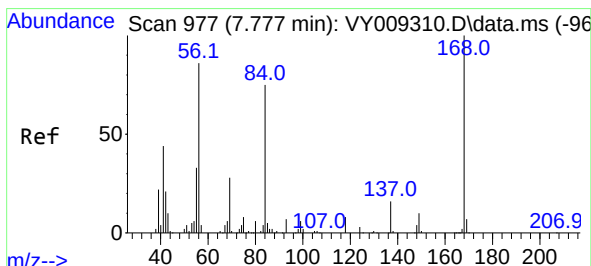
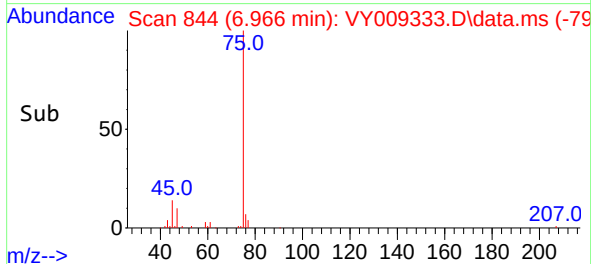
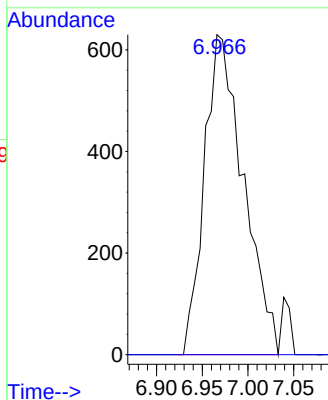
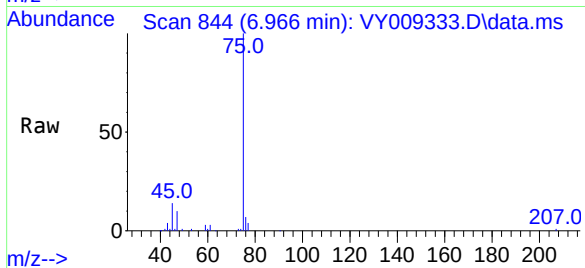




#25
2-Butanone
Concen: 3.114 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

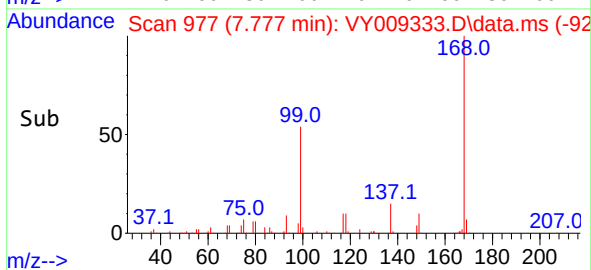
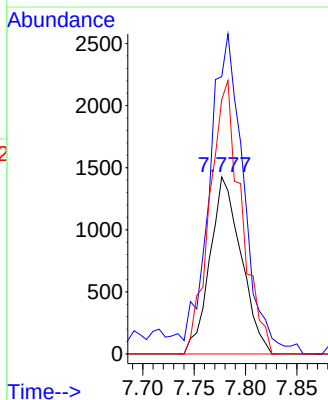
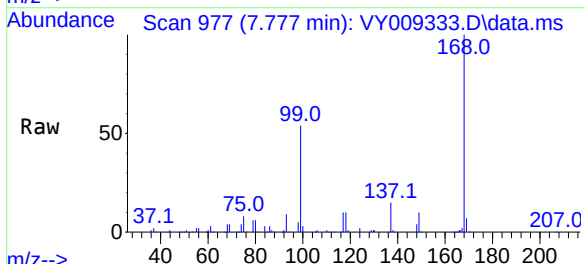
Instrument :
MSVOA_Y
ClientSampleId :

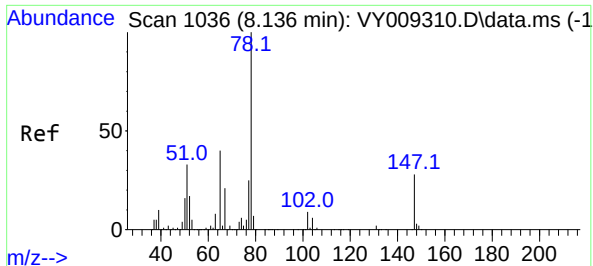
Tgt Ion: 43 Resp: 1875
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.000 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

Tgt Ion: 56 Resp: 3012
Ion Ratio Lower Upper
56 100
69 150.5 26.0 39.0#
84 143.6 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 85.304 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009333.D

Acq: 25 Jun 2022 18:52

Instrument :

MSVOA_Y

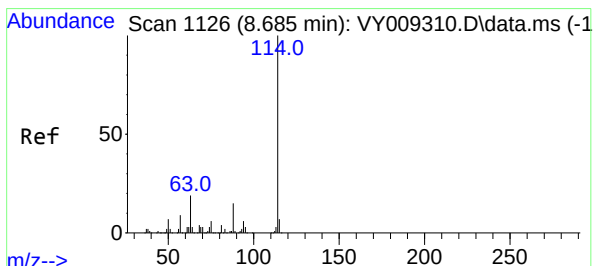
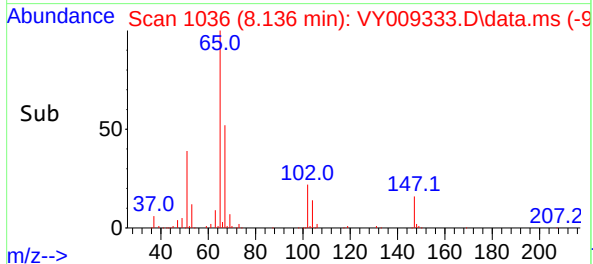
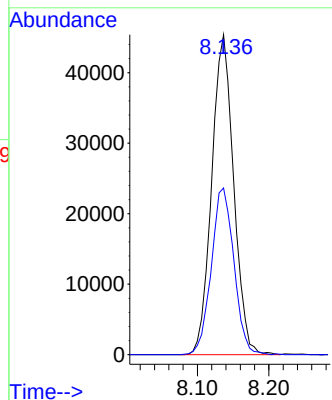
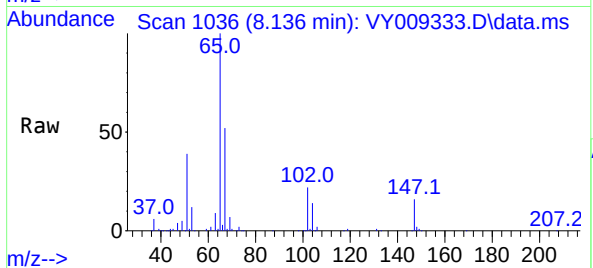
ClientSampleId :

Tgt Ion: 65 Resp: 96779

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009333.D

Acq: 25 Jun 2022 18:52

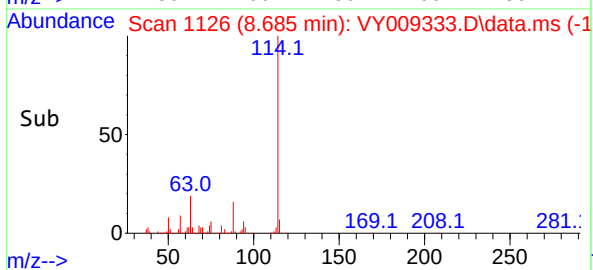
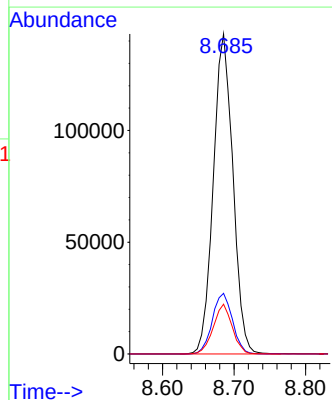
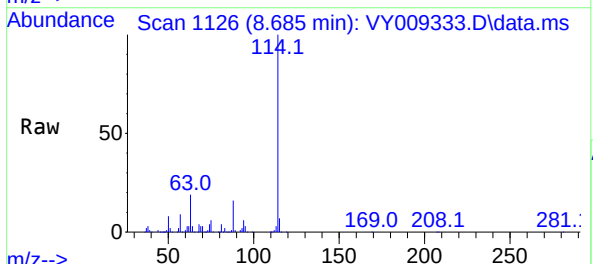
Tgt Ion:114 Resp: 272559

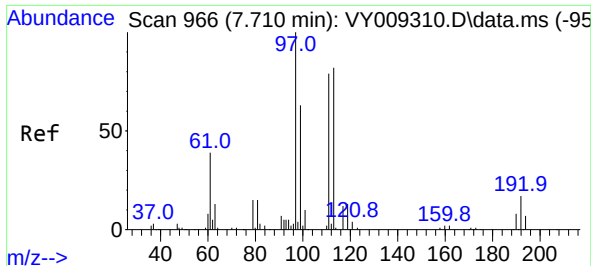
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

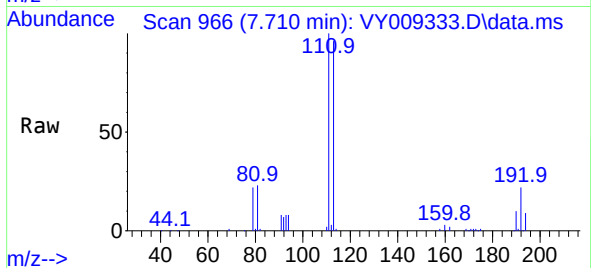
88 15.5 0.0 30.0



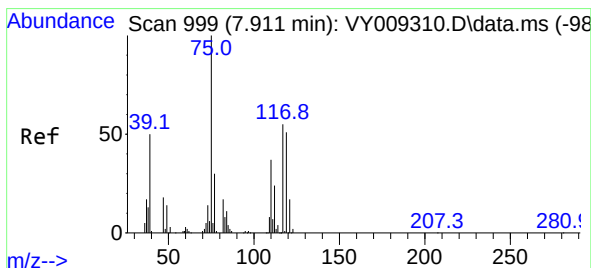
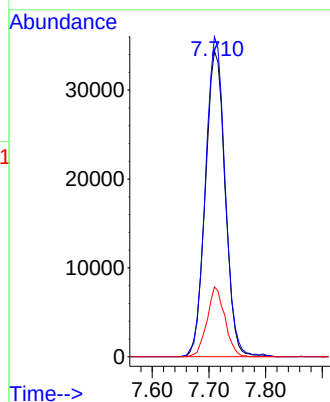
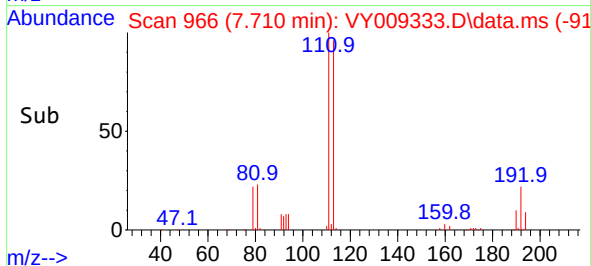


#35
Dibromofluoromethane
Concen: 56.608 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

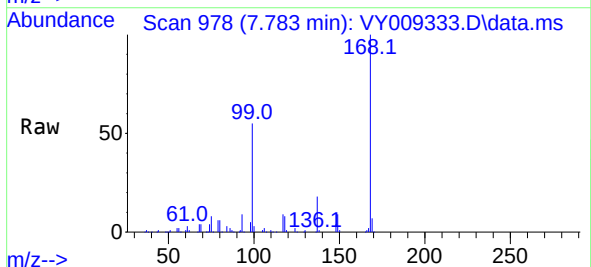
Instrument :
MSVOA_Y
ClientSampleId :



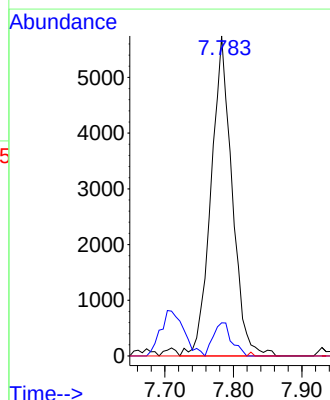
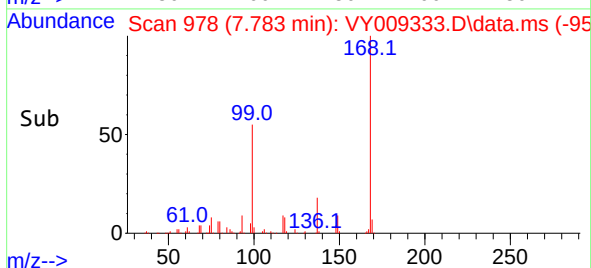
Tgt Ion:113 Resp: 83280
Ion Ratio Lower Upper
113 100
111 103.7 80.6 120.8
192 20.6 16.2 24.4

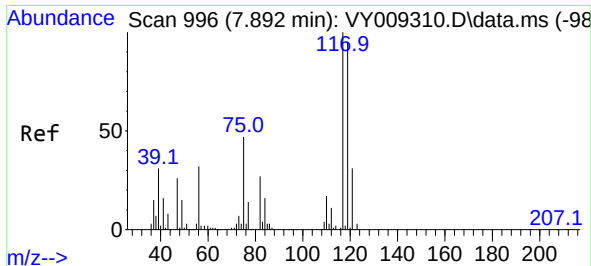


#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52



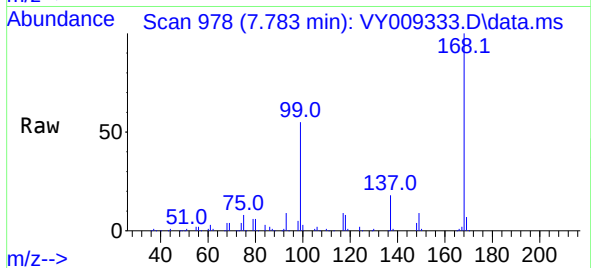
Tgt Ion: 75 Resp: 12278
Ion Ratio Lower Upper
75 100
110 9.0 18.6 56.0#
77 0.0 25.0 37.4#



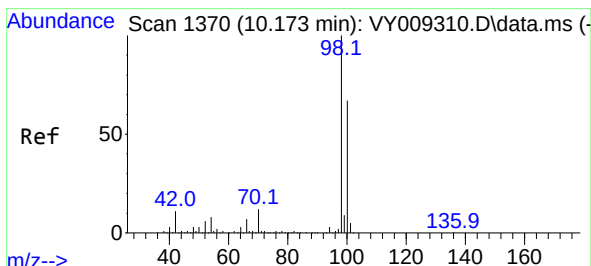
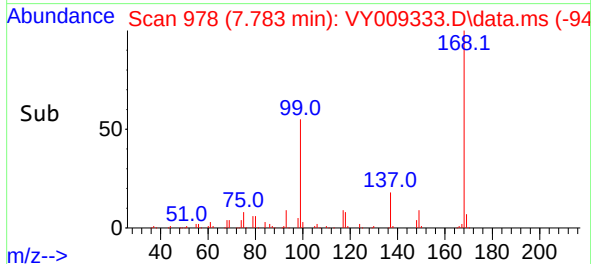
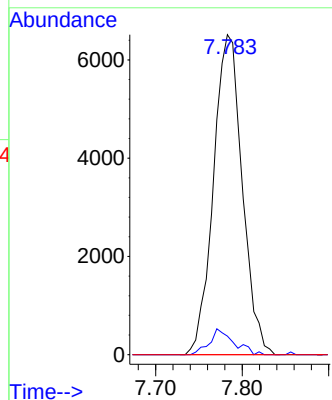


#38
Carbon Tetrachloride
Concen: 5.929 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

Instrument :
MSVOA_Y
ClientSampleId :

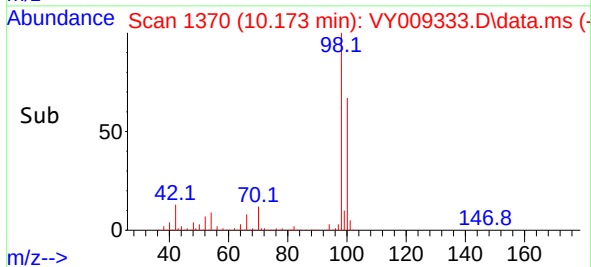
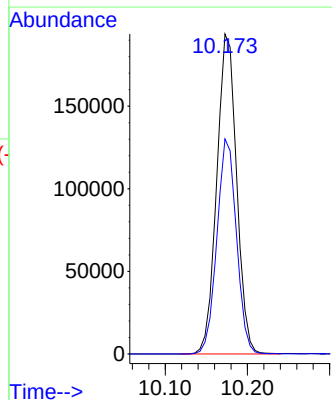
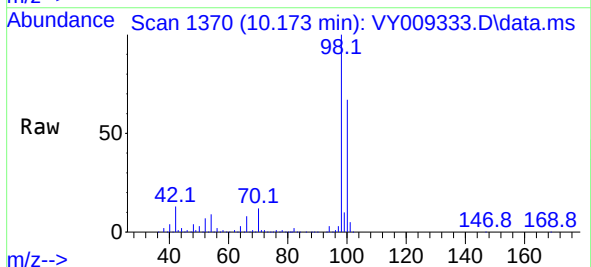


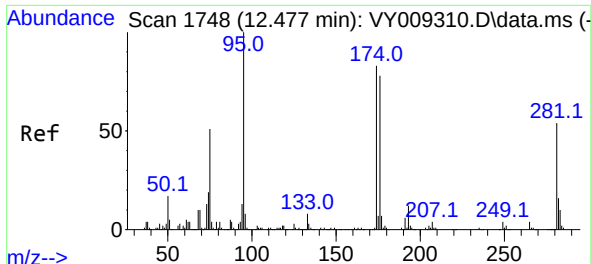
Tgt Ion:117 Resp: 15053
Ion Ratio Lower Upper
117 100
119 5.8 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 79.771 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

Tgt Ion: 98 Resp: 325509
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3

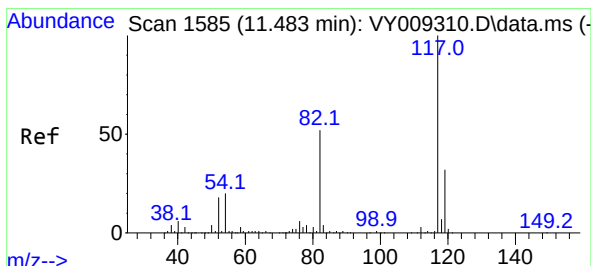
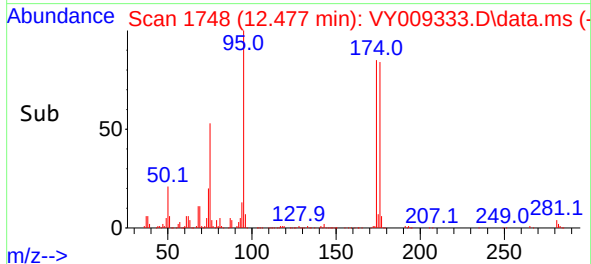
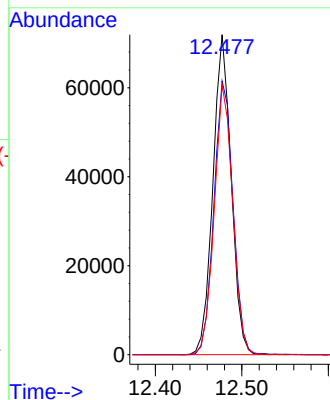
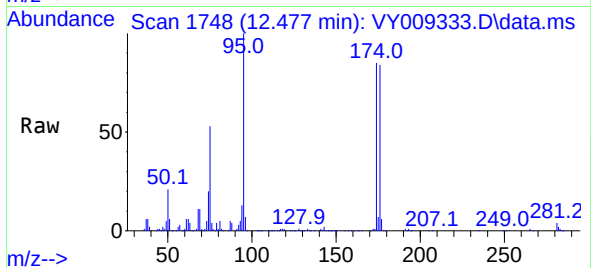




#62
4-Bromofluorobenzene
Concen: 50.270 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

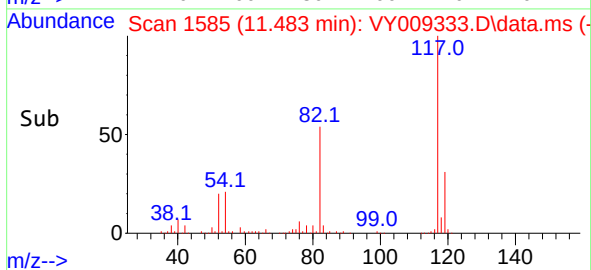
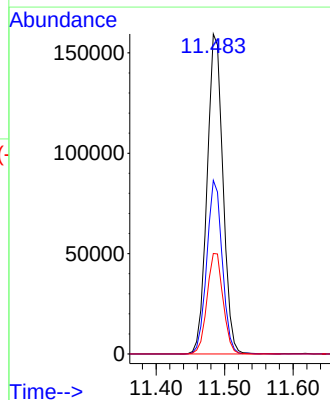
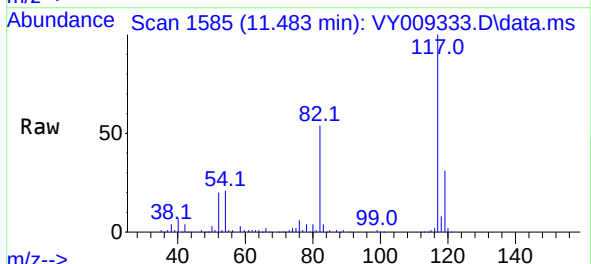
Instrument :
MSVOA_Y
ClientSampleId :

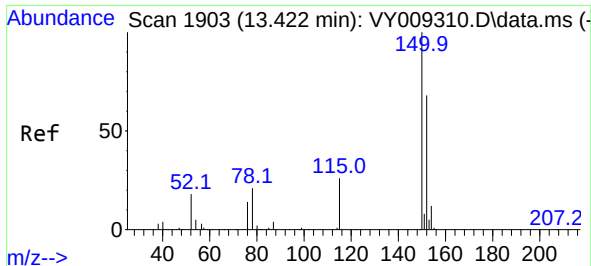
Tgt Ion: 95 Resp: 105328
Ion Ratio Lower Upper
95 100
174 89.3 0.0 173.8
176 85.4 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

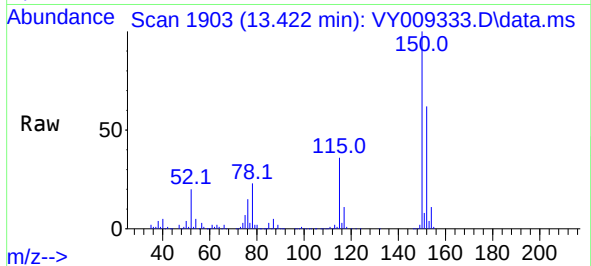
Tgt Ion: 117 Resp: 256582
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.6
119 31.4 25.6 38.4



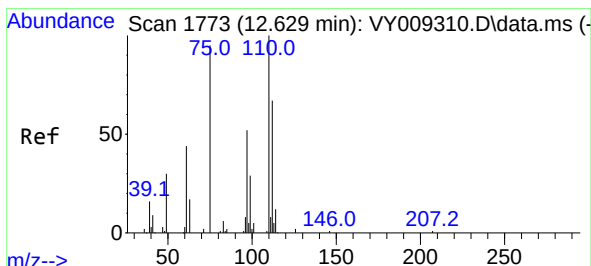
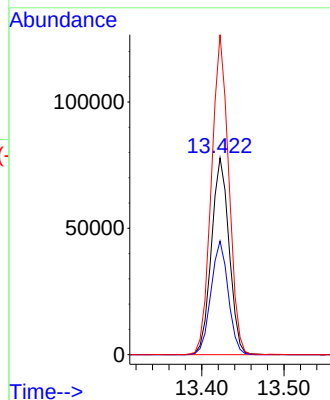
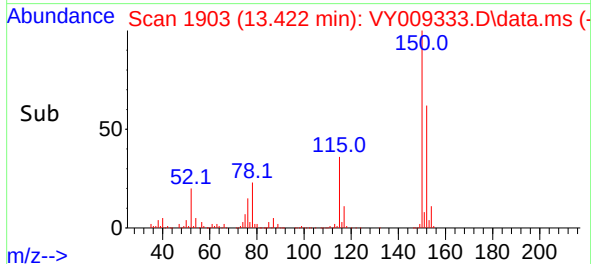


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

Instrument :
MSVOA_Y
ClientSampleId :

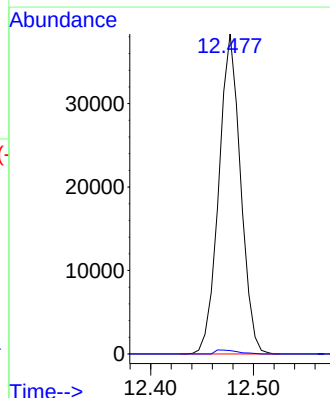
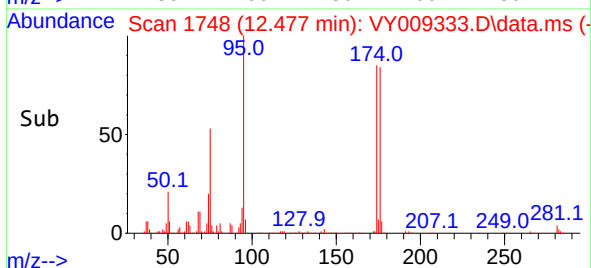
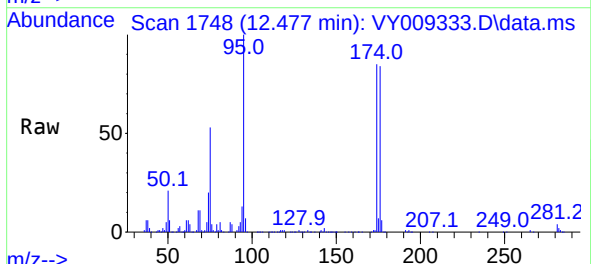


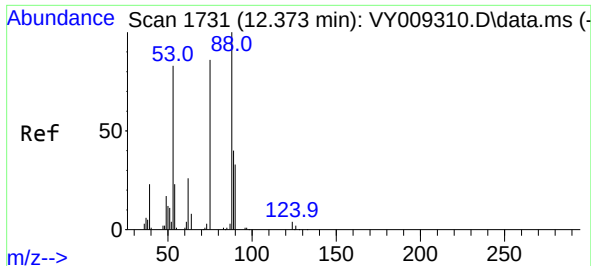
Tgt Ion:152 Resp: 116428
Ion Ratio Lower Upper
152 100
115 56.4 28.6 85.9
150 159.5 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 49.907 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009333.D
Acq: 25 Jun 2022 18:52

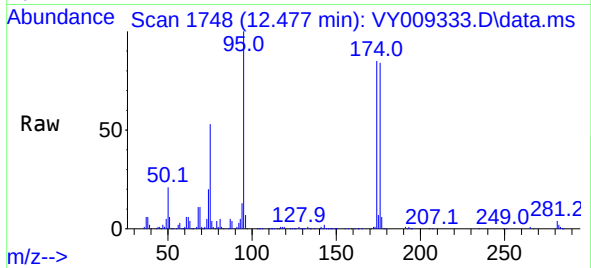
Tgt Ion: 75 Resp: 56387
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.794 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009333.D
 Acq: 25 Jun 2022 18:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 56387
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 38.1 57.1#

