

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009331.D
 Acq On : 25 Jun 2022 18:05
 Operator : KP/MD
 Sample : N3488-11
 Misc : 4.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:32:14 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)

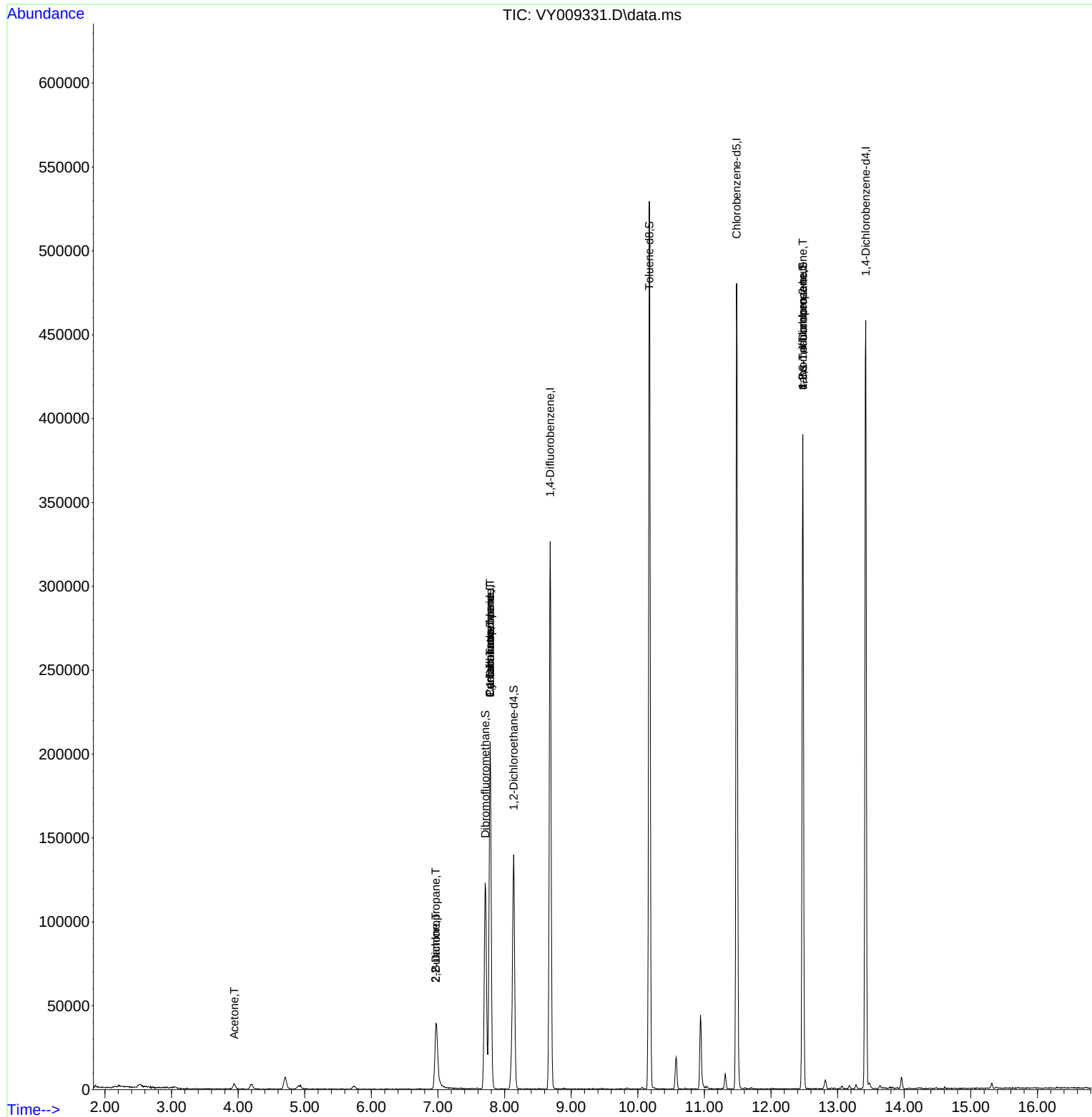
Internal Standards						
1) Pentafluorobenzene	7.783	168	158072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	256109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95693	83.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.920%#	
35) Dibromofluoromethane	7.710	113	84771	57.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.600%	
50) Toluene-d8	10.173	98	330046	80.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 161.000%#	
62) 4-Bromofluorobenzene	12.477	95	107745	51.136	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	3000	Below Cal	#	78
16) Acetone	3.942	43	5371	13.291	ug/l	92
20) Methylene Chloride	4.710	84	4700	Below Cal	#	85
25) 2-Butanone	6.966	43	2356	3.877	ug/l	96
26) 2,2-Dichloropropane	6.966	77	3067	1.118	ug/l	# 52
31) Cyclohexane	7.783	56	3343	1.170	ug/l	# 7
36) 1,1-Dichloropropene	7.783	75	12624	5.084	ug/l	# 48
38) Carbon Tetrachloride	7.783	117	15500	6.071	ug/l	# 18
76) 1,2,3-Trichloropropane	12.477	75	57442	50.655	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	57442	100.273	ug/l	# 13

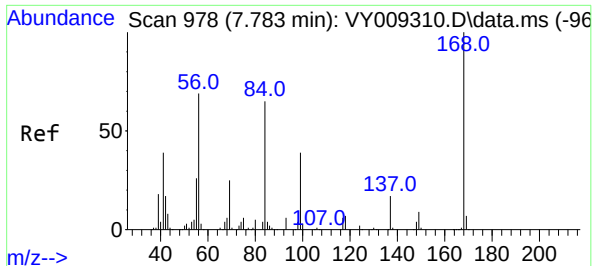
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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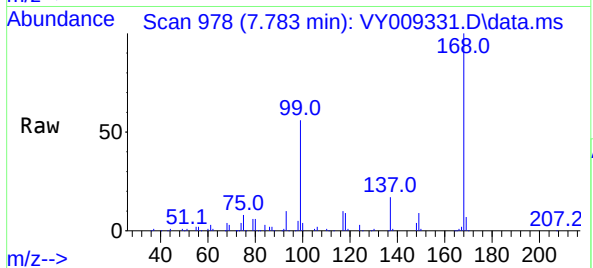
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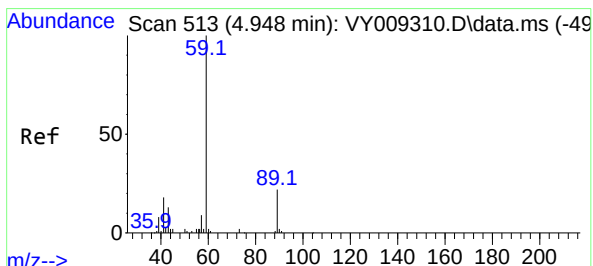
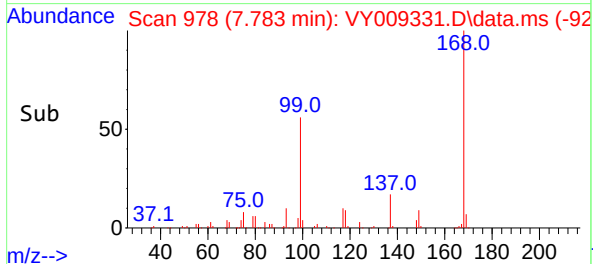
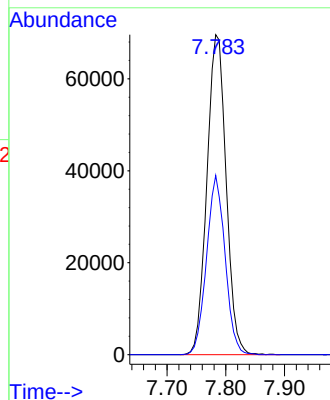


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009331.D
Acq: 25 Jun 2022 18:05

Instrument :
MSVOA_Y
ClientSampleId :

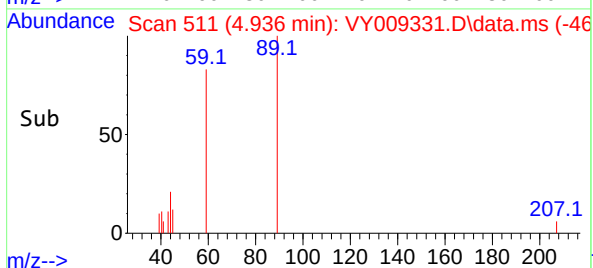
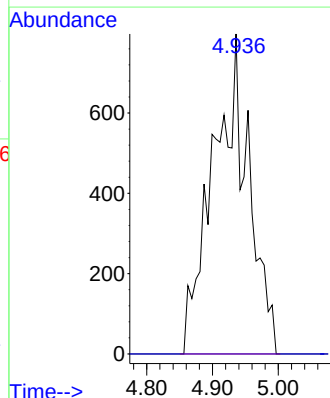
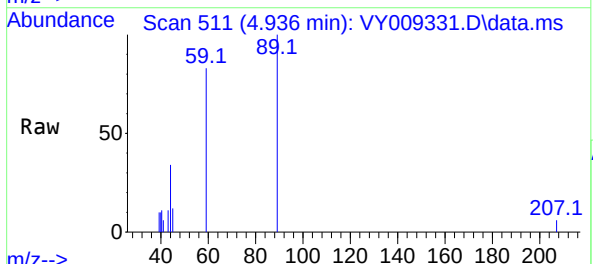


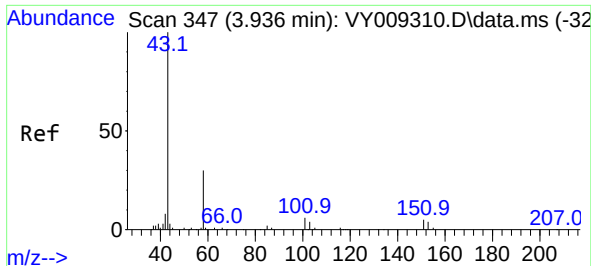
Tgt Ion:168 Resp: 158072
Ion Ratio Lower Upper
168 100
99 56.0 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009331.D
Acq: 25 Jun 2022 18:05

Tgt Ion: 59 Resp: 3000
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

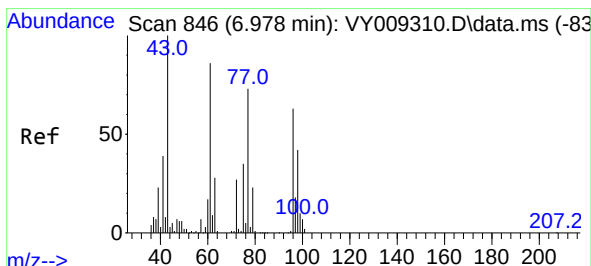
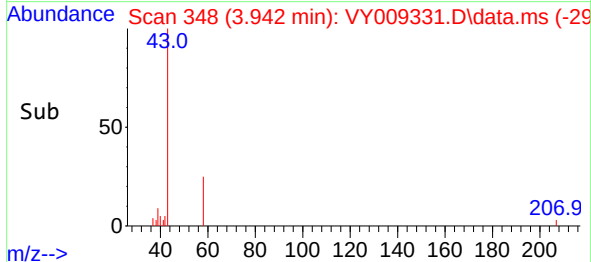
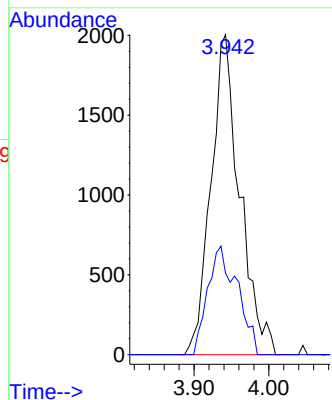
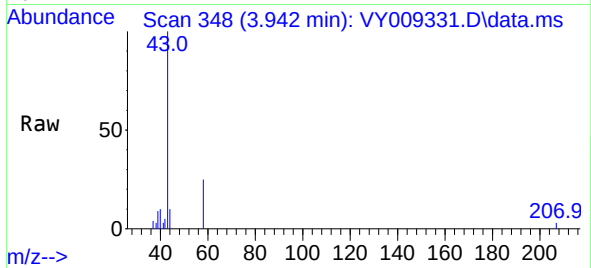




#16
Acetone
Concen: 13.291 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009331.D
Acq: 25 Jun 2022 18:05

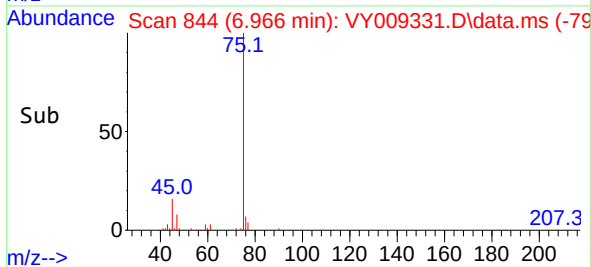
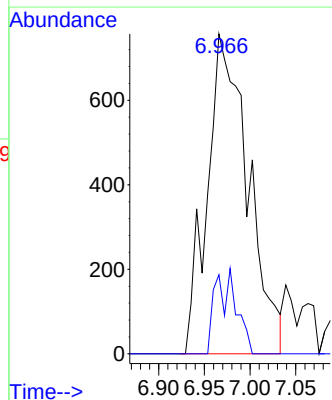
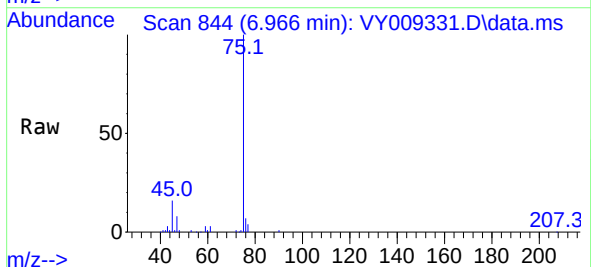
Instrument :
MSVOA_Y
ClientSampleId :

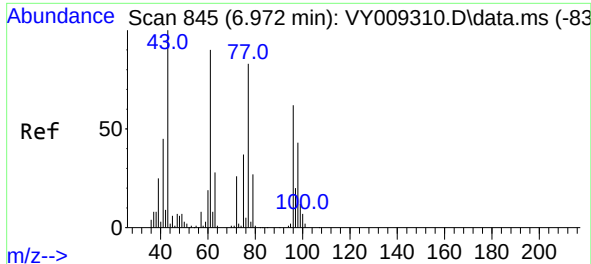
Tgt Ion: 43 Resp: 5371
Ion Ratio Lower Upper
43 100
58 25.5 24.0 36.0



#25
2-Butanone
Concen: 3.877 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY009331.D
Acq: 25 Jun 2022 18:05

Tgt Ion: 43 Resp: 2356
Ion Ratio Lower Upper
43 100
72 24.7 21.5 32.3

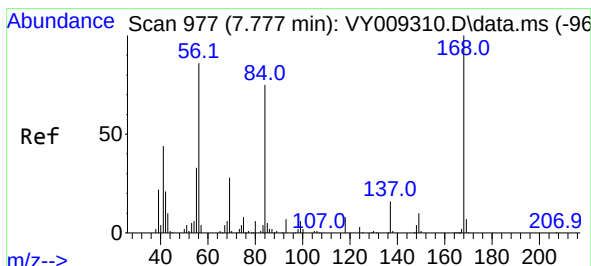
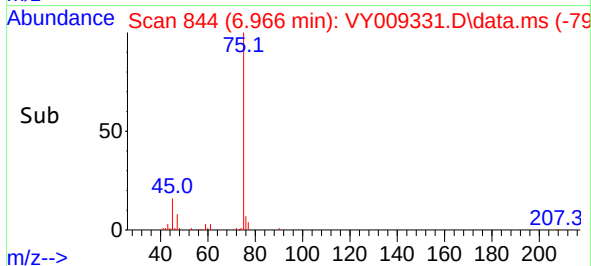
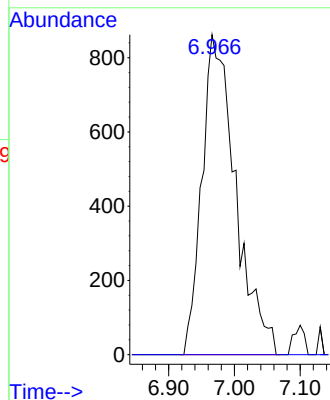
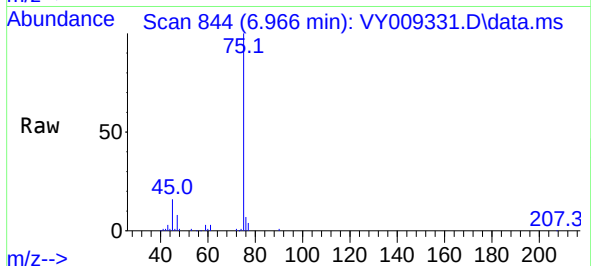




#26
2,2-Dichloropropane
Concen: 1.118 ug/l
RT: 6.966 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009331.D
Acq: 25 Jun 2022 18:05

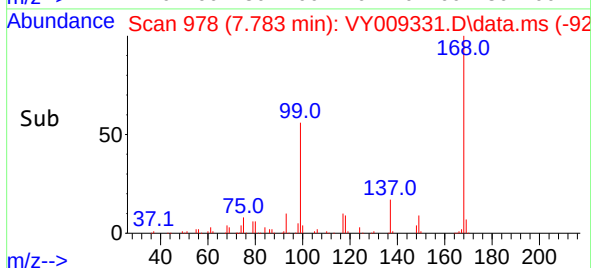
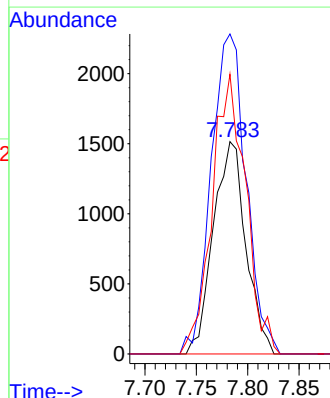
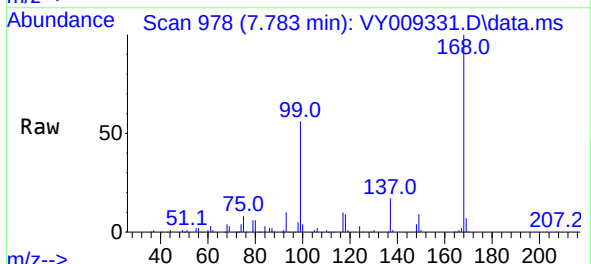
Instrument :
MSVOA_Y
ClientSampleId :

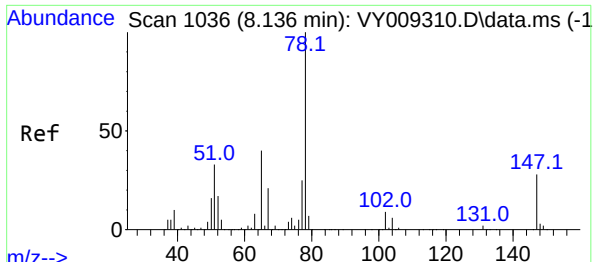
Tgt Ion: 77 Resp: 3067
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.0#



#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009331.D
Acq: 25 Jun 2022 18:05

Tgt Ion: 56 Resp: 3343
Ion Ratio Lower Upper
56 100
69 150.7 26.0 39.0#
84 131.7 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 83.457 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009331.D

Acq: 25 Jun 2022 18:05

Instrument :

MSVOA_Y

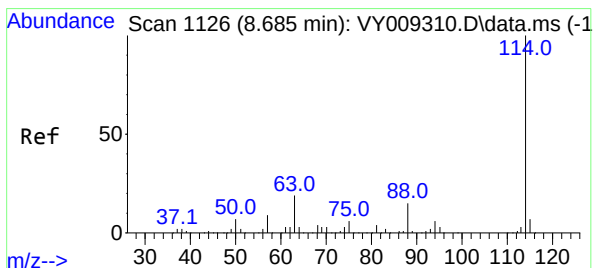
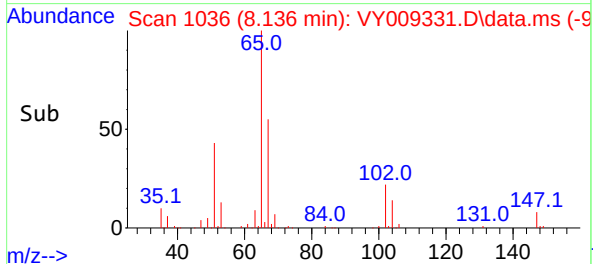
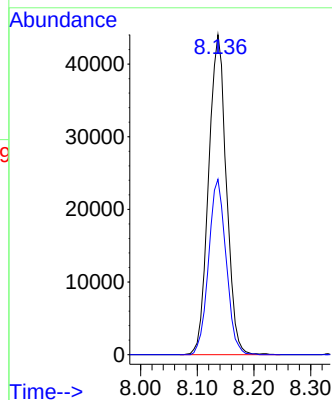
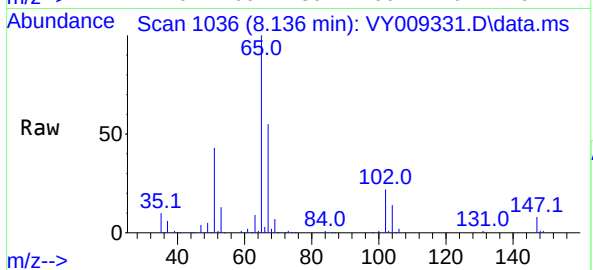
ClientSampleId :

Tgt Ion: 65 Resp: 95693

Ion Ratio Lower Upper

65 100

67 54.0 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: VY009331.D

Acq: 25 Jun 2022 18:05

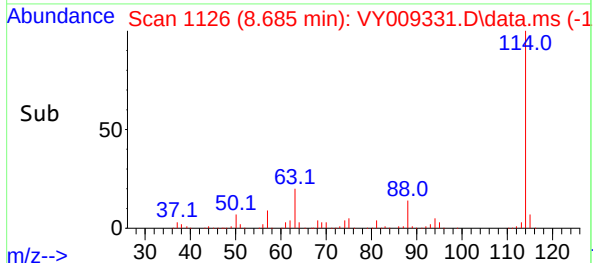
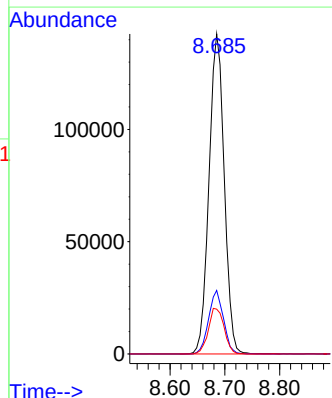
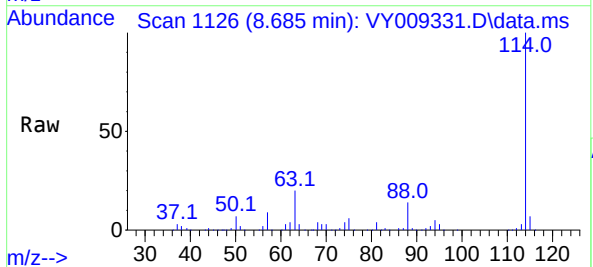
Tgt Ion: 114 Resp: 274090

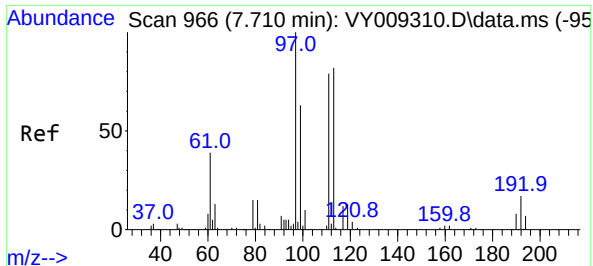
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.0

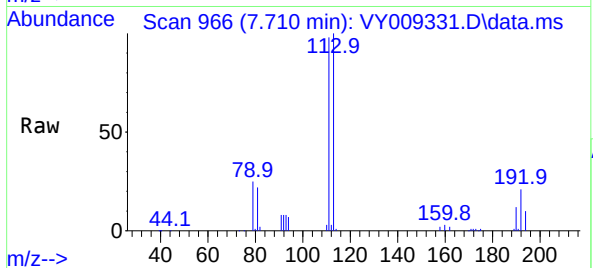
88 14.0 0.0 30.0



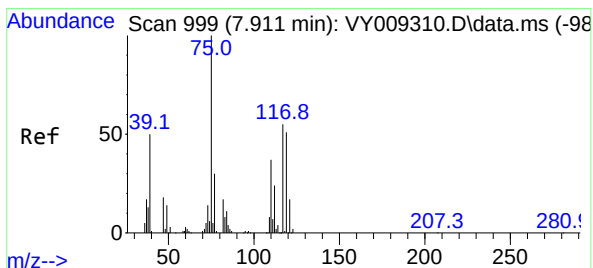
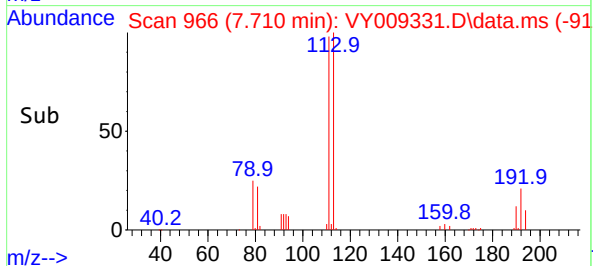
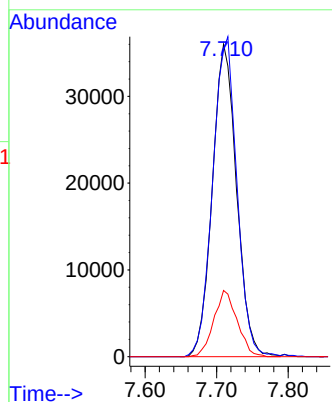


#35
Dibromofluoromethane
Concen: 57.300 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009331.D
Acq: 25 Jun 2022 18:05

Instrument :
MSVOA_Y
ClientSampleId :

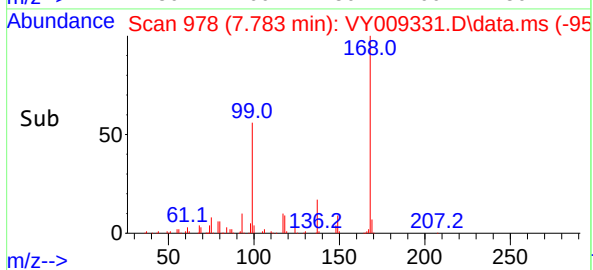
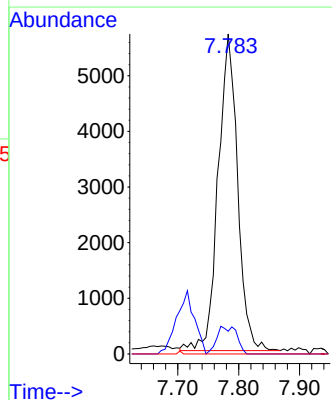
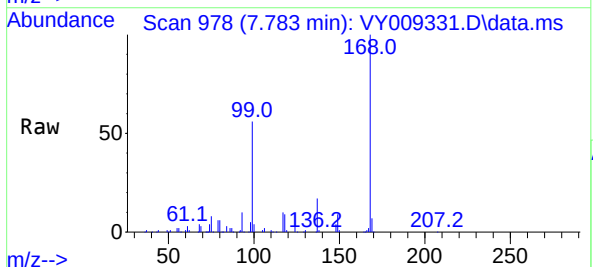


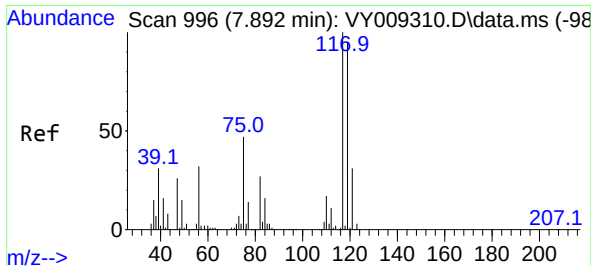
Tgt Ion:113 Resp: 84771
Ion Ratio Lower Upper
113 100
111 102.2 80.6 120.8
192 20.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 5.084 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009331.D
Acq: 25 Jun 2022 18:05

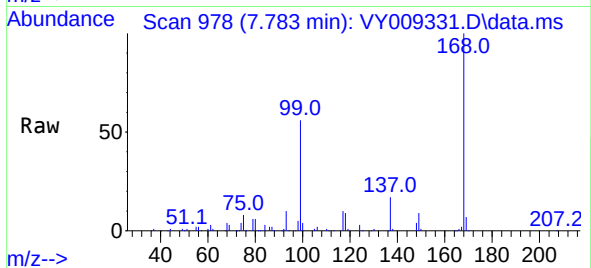
Tgt Ion: 75 Resp: 12624
Ion Ratio Lower Upper
75 100
110 8.8 18.6 56.0#
77 0.0 25.0 37.4#



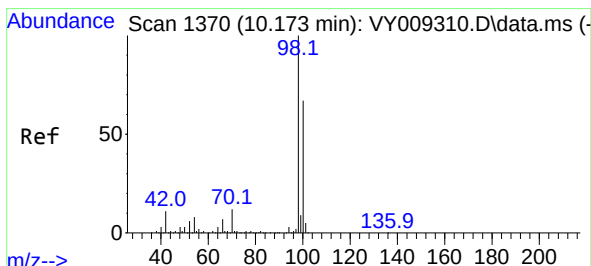
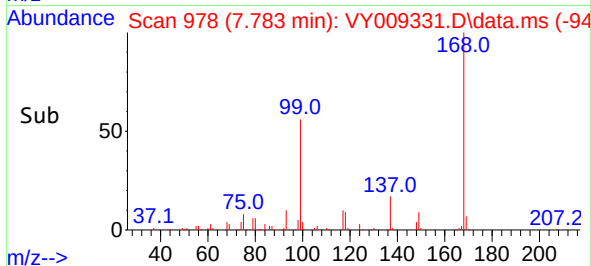
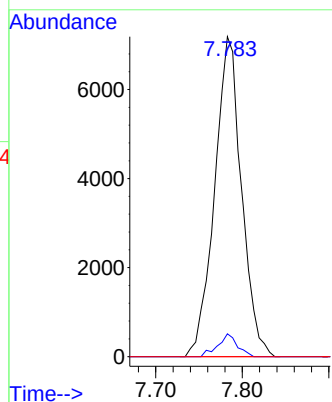


#38
Carbon Tetrachloride
Concen: 6.071 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009331.D
Acq: 25 Jun 2022 18:05

Instrument :
MSVOA_Y
ClientSampleId :

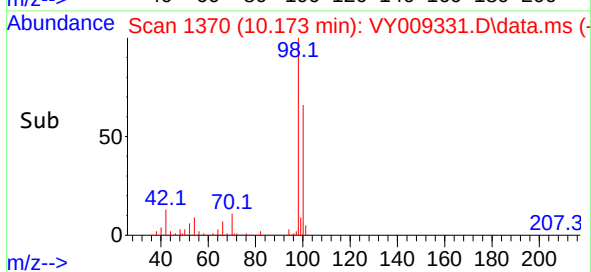
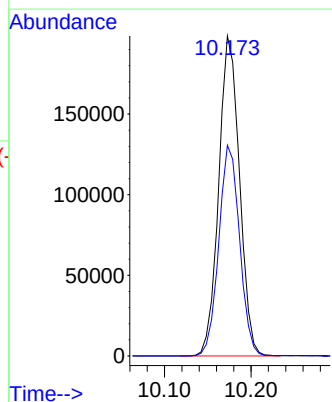
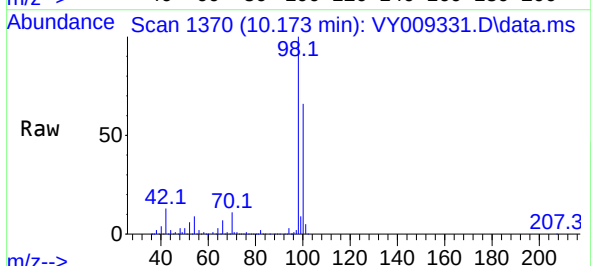


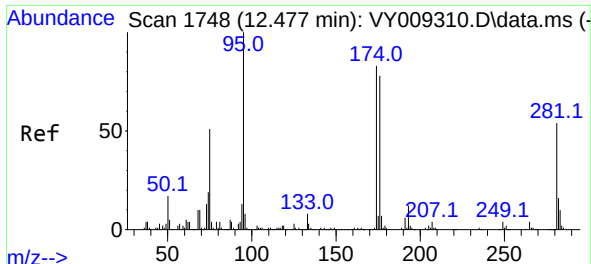
Tgt Ion:117 Resp: 15500
Ion Ratio Lower Upper
117 100
119 7.2 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 80.496 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009331.D
Acq: 25 Jun 2022 18:05

Tgt Ion: 98 Resp: 330046
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3

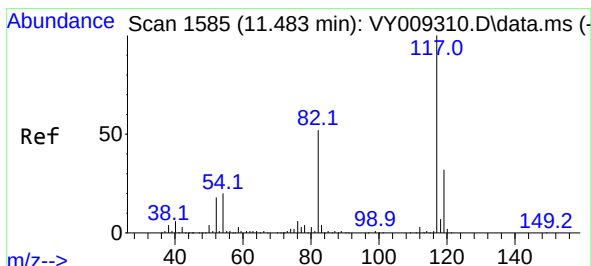
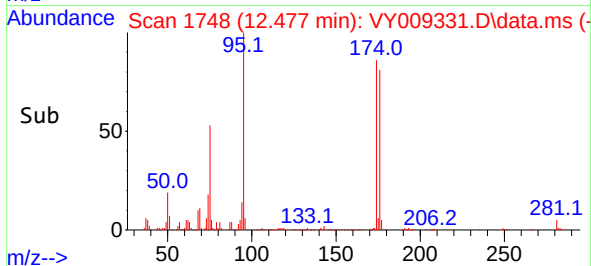
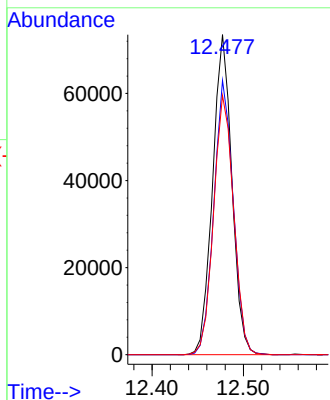
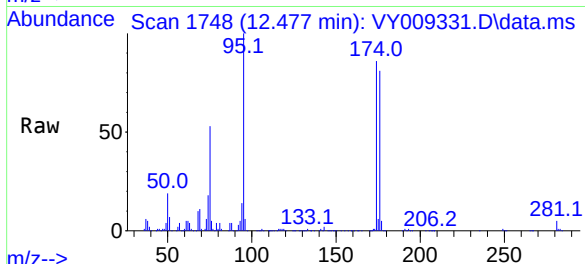




#62
4-Bromofluorobenzene
Concen: 51.136 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009331.D
Acq: 25 Jun 2022 18:05

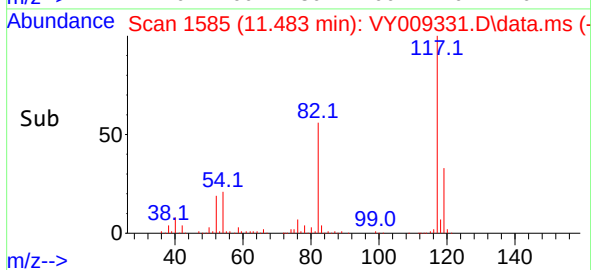
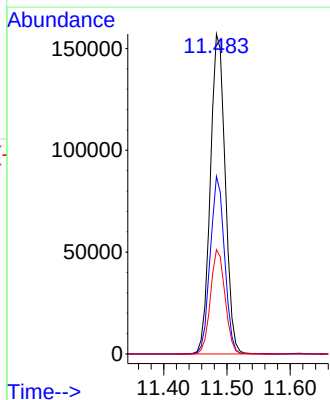
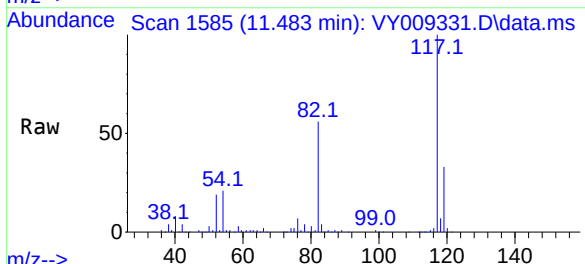
Instrument :
MSVOA_Y
ClientSampleId :

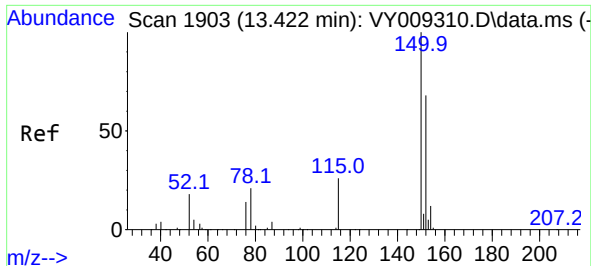
Tgt Ion: 95 Resp: 107745
Ion Ratio Lower Upper
95 100
174 86.3 0.0 173.8
176 84.3 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY009331.D
Acq: 25 Jun 2022 18:05

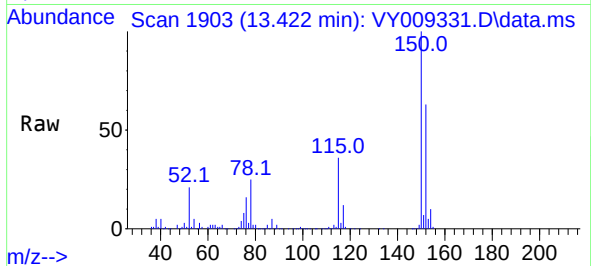
Tgt Ion: 117 Resp: 256109
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.6
119 32.6 25.6 38.4



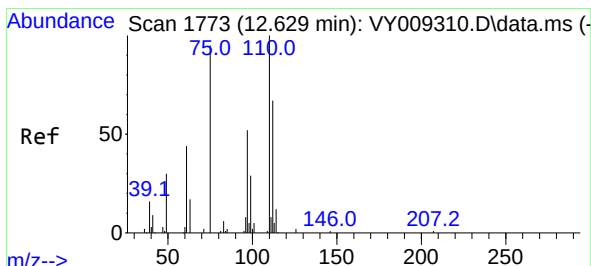
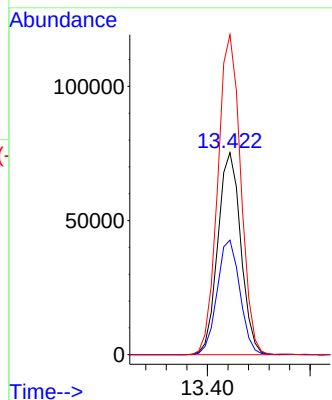
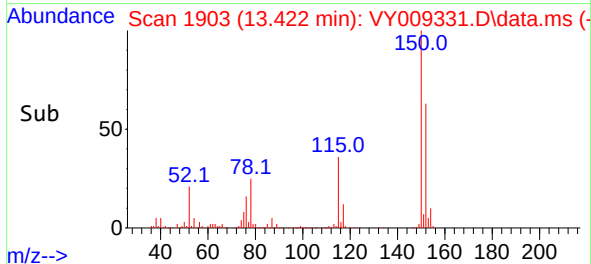


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009331.D
 Acq: 25 Jun 2022 18:05

Instrument :
 MSVOA_Y
 ClientSampleId :

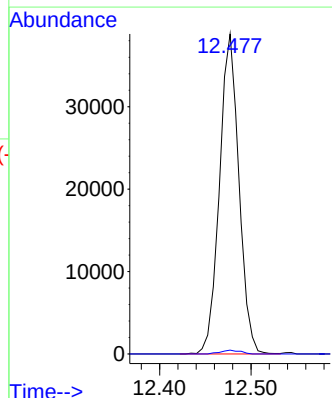
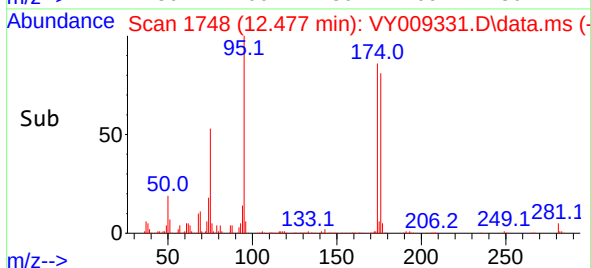
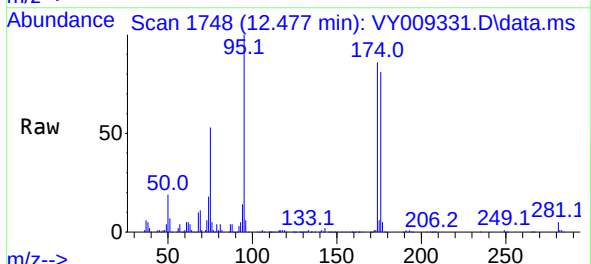


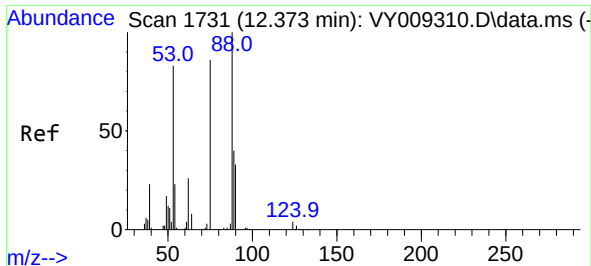
Tgt Ion:152 Resp: 116856
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.6 85.9
 150 158.2 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 50.655 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009331.D
 Acq: 25 Jun 2022 18:05

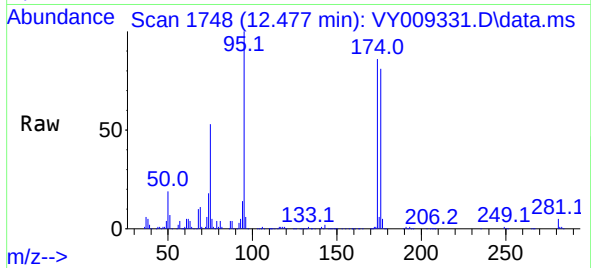
Tgt Ion: 75 Resp: 57442
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.273 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009331.D
 Acq: 25 Jun 2022 18:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 57442
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.4 38.1 57.1#

