

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009324.D
 Acq On : 25 Jun 2022 15:21
 Operator : KP/MD
 Sample : N3488-04
 Misc : 3.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 27 10:29:10 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)

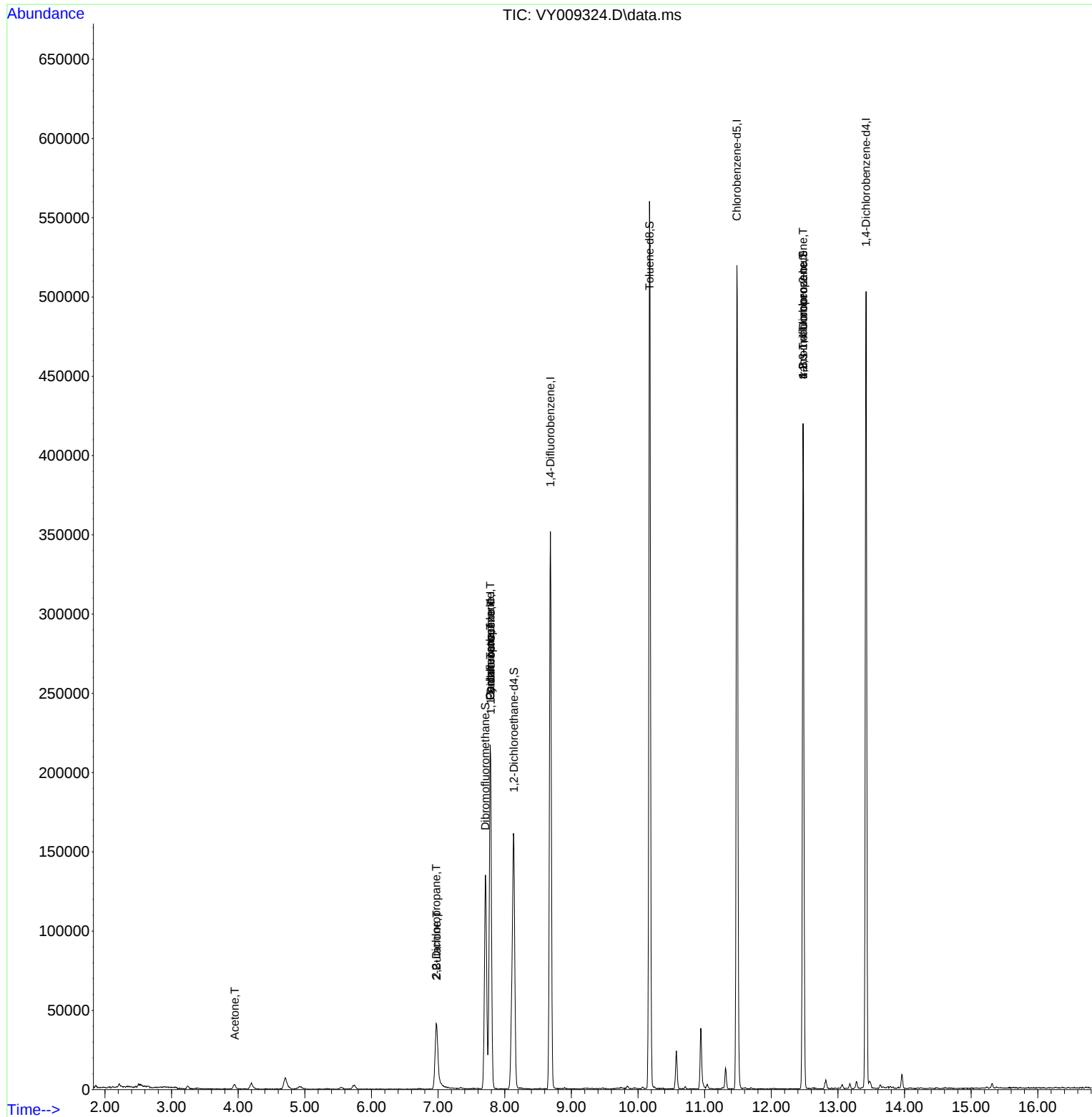
Internal Standards						
1) Pentafluorobenzene	7.783	168	171523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	300248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	280427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	104765	84.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.500%#	
35) Dibromofluoromethane	7.710	113	91395	56.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.800%	
50) Toluene-d8	10.173	98	360934	80.347	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 160.700%#	
62) 4-Bromofluorobenzene	12.477	95	118310	51.259	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.520%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	1533	Below Cal	#	85
16) Acetone	3.948	43	4982	11.361	ug/l	96
20) Methylene Chloride	4.704	84	4745	Below Cal	#	92
25) 2-Butanone	6.978	43	2651	4.020	ug/l	# 61
26) 2,2-Dichloropropane	6.972	77	3183	1.069	ug/l	# 52
31) Cyclohexane	7.783	56	3895	1.256	ug/l	# 34
36) 1,1-Dichloropropene	7.789	75	13191	4.850	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	16668	5.960	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	61723	51.155	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	61723	101.265	ug/l	# 13

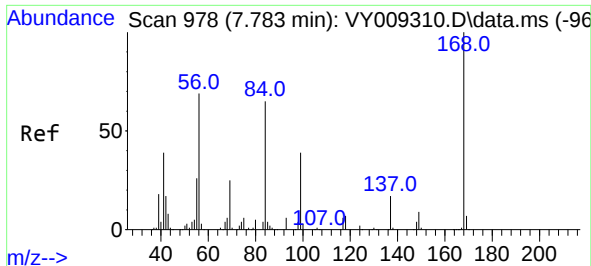
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
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MSVOA_Y
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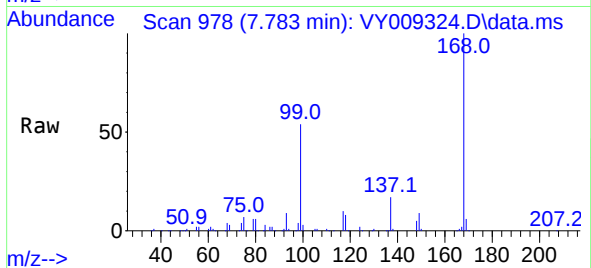
Quant Time: Jun 27 10:29:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
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QLast Update : Sat Jun 25 07:08:46 2022
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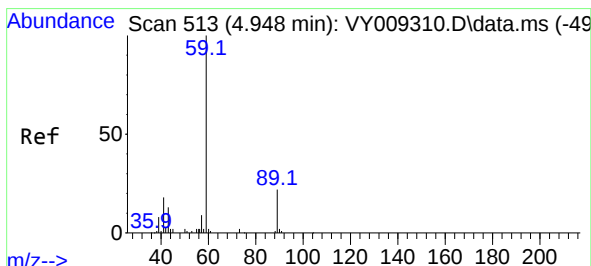
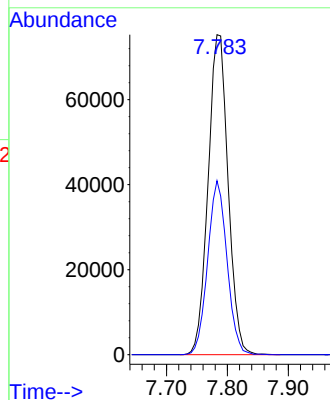
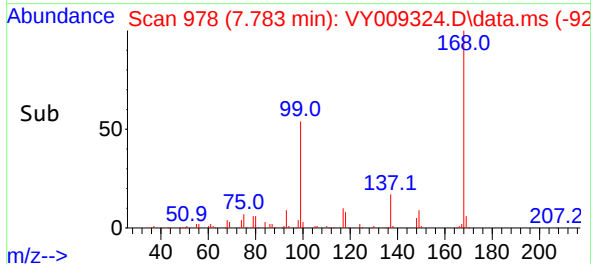


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009324.D
Acq: 25 Jun 2022 15:21

Instrument :
MSVOA_Y
ClientSampleId :

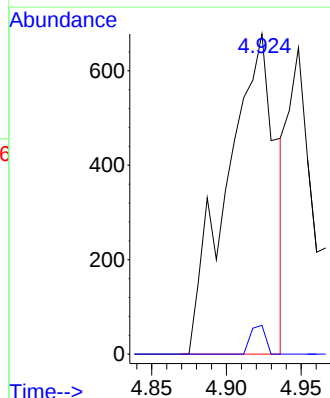
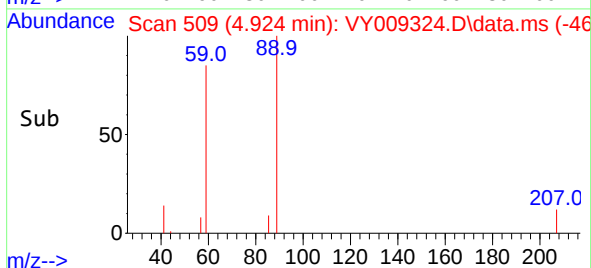
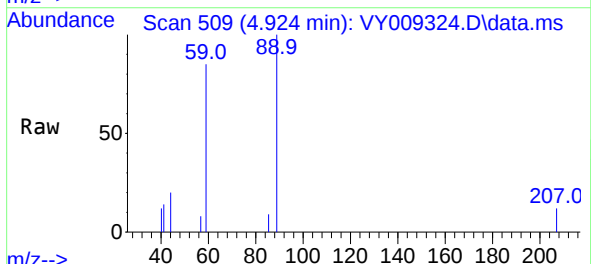


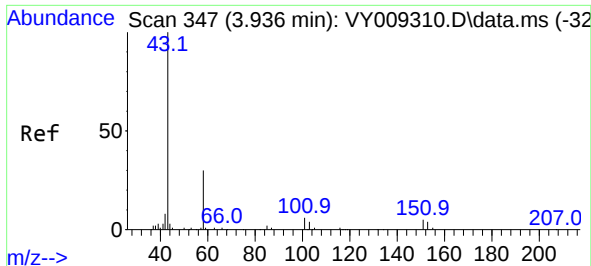
Tgt Ion:168 Resp: 171523
Ion Ratio Lower Upper
168 100
99 54.3 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009324.D
Acq: 25 Jun 2022 15:21

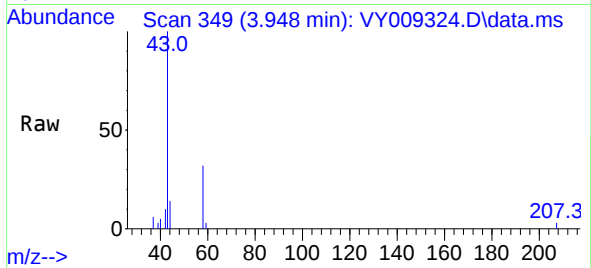
Tgt Ion: 59 Resp: 1533
Ion Ratio Lower Upper
59 100
57 2.7 6.3 9.5#



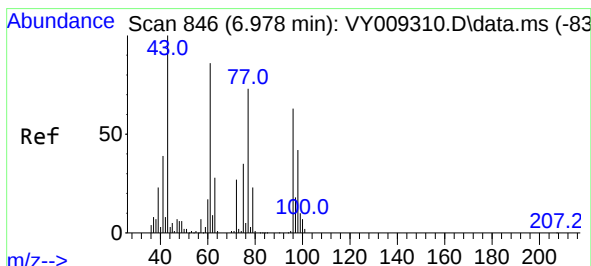
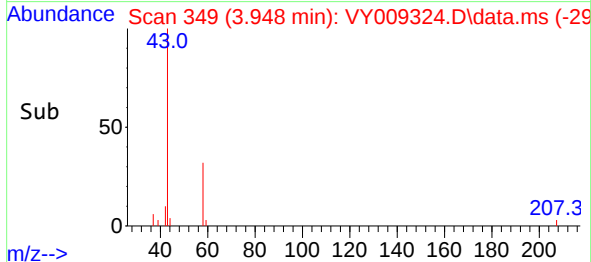
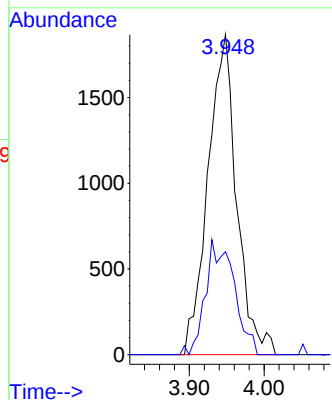


#16
Acetone
Concen: 11.361 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009324.D
Acq: 25 Jun 2022 15:21

Instrument :
MSVOA_Y
ClientSampleId :

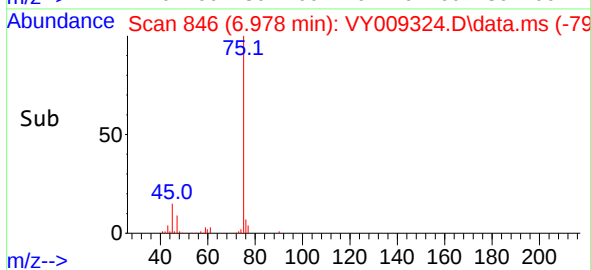
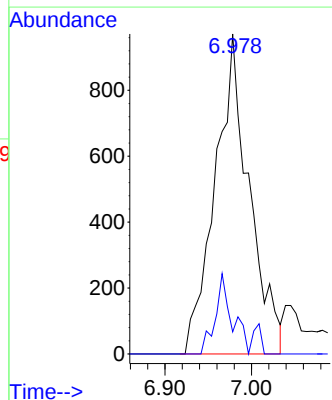
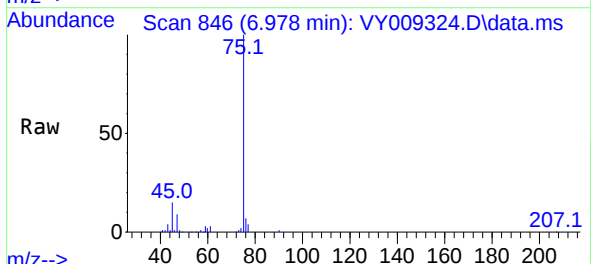


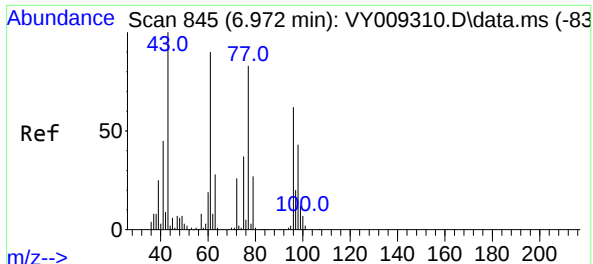
Tgt Ion: 43 Resp: 4982
Ion Ratio Lower Upper
43 100
58 32.1 24.0 36.0



#25
2-Butanone
Concen: 4.020 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009324.D
Acq: 25 Jun 2022 15:21

Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
72 6.9 21.5 32.3#





#26

2,2-Dichloropropane

Concen: 1.069 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009324.D

Acq: 25 Jun 2022 15:21

Instrument :

MSVOA_Y

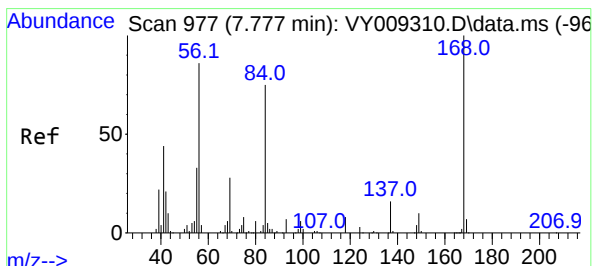
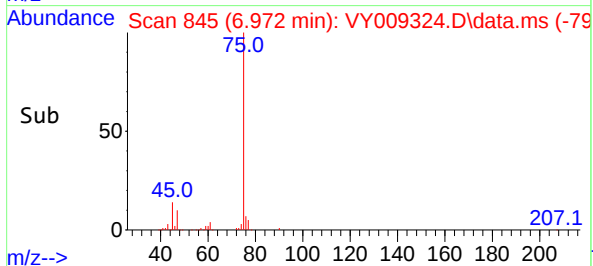
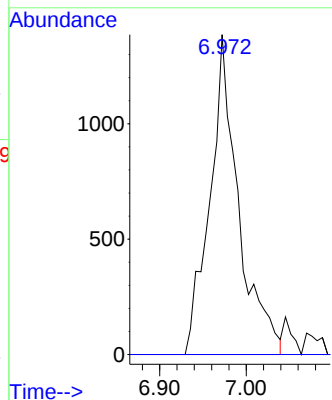
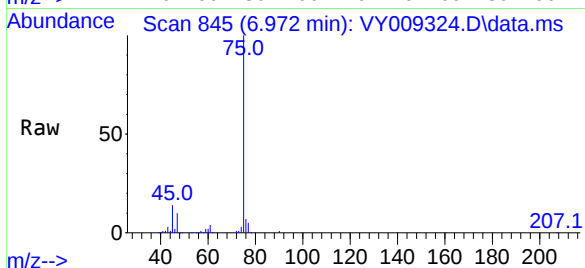
ClientSampleId :

Tgt Ion: 77 Resp: 3183

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#31

Cyclohexane

Concen: 1.256 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY009324.D

Acq: 25 Jun 2022 15:21

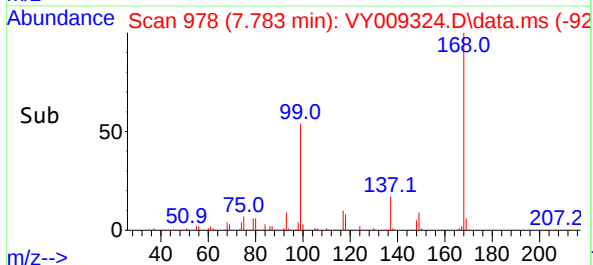
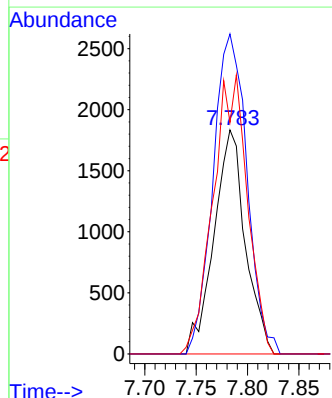
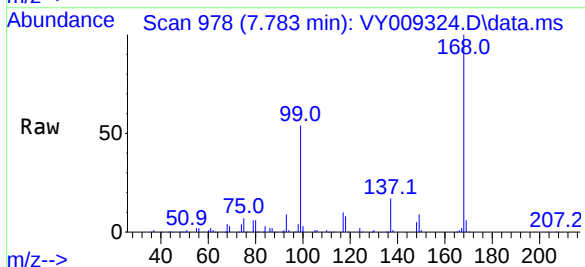
Tgt Ion: 56 Resp: 3895

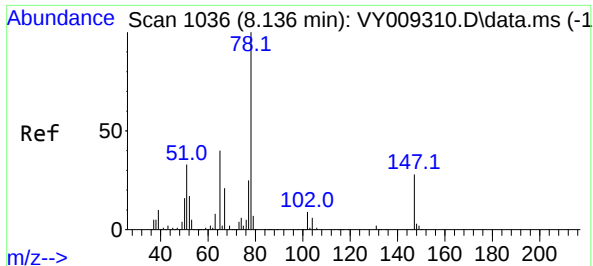
Ion Ratio Lower Upper

56 100

69 142.9 26.0 39.0#

84 103.4 69.5 104.3





#33

1,2-Dichloroethane-d4

Concen: 84.250 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009324.D

Acq: 25 Jun 2022 15:21

Instrument :

MSVOA_Y

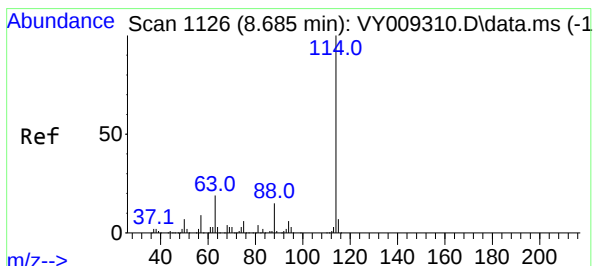
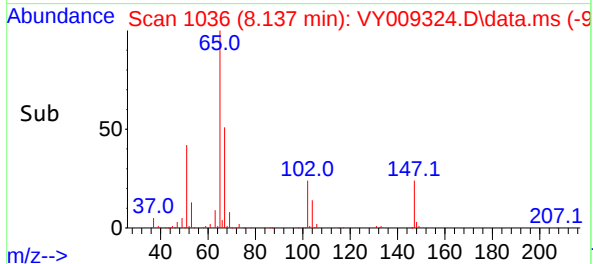
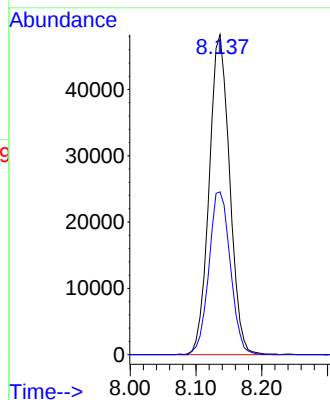
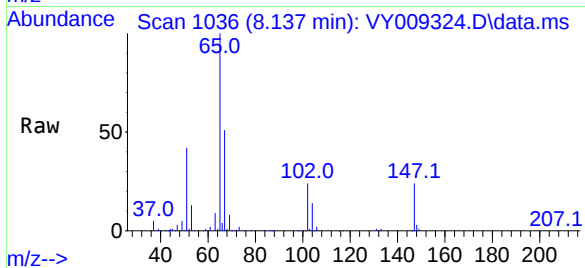
ClientSampleId :

Tgt Ion: 65 Resp: 104765

Ion Ratio Lower Upper

65 100

67 53.3 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: VY009324.D

Acq: 25 Jun 2022 15:21

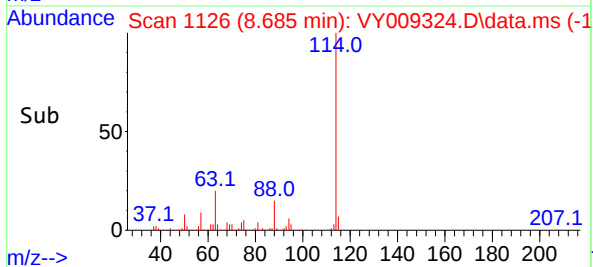
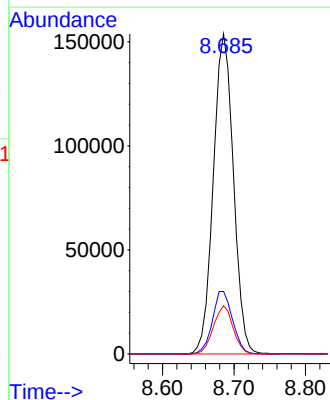
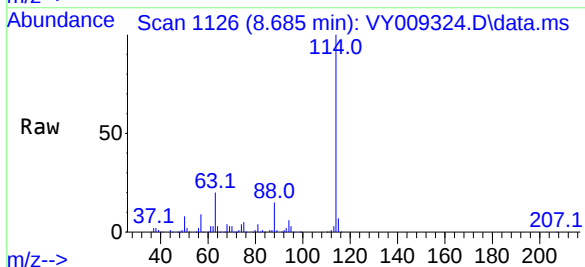
Tgt Ion:114 Resp: 300248

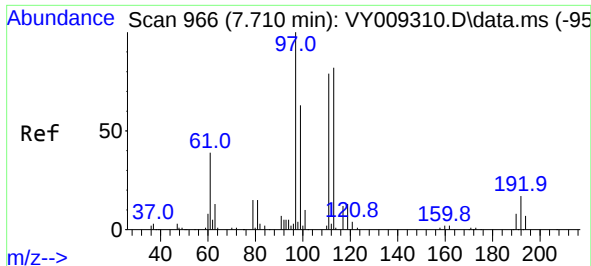
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

88 15.1 0.0 30.0

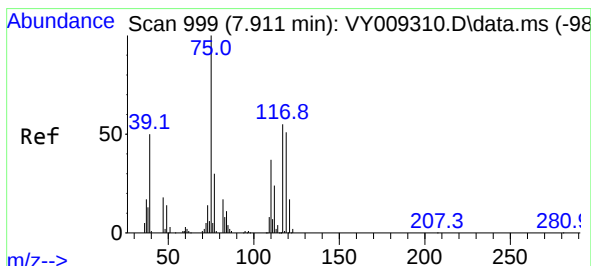
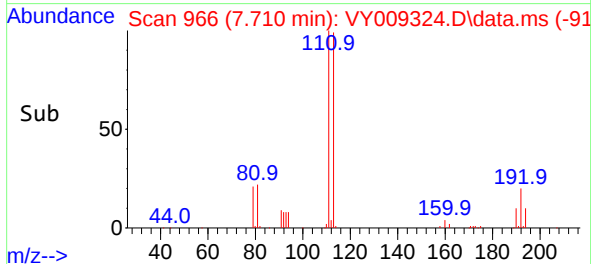
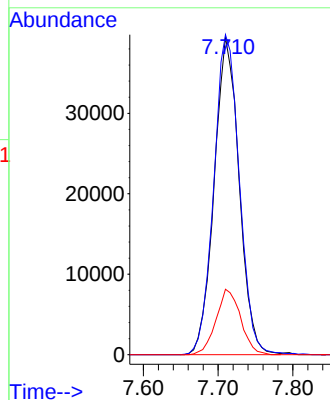
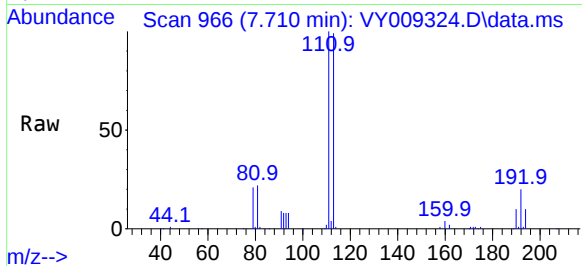




#35
Dibromofluoromethane
Concen: 56.395 ug/l
RT: 7.710 min Scan# 913
Delta R.T. 0.000 min
Lab File: VY009324.D
Acq: 25 Jun 2022 15:21

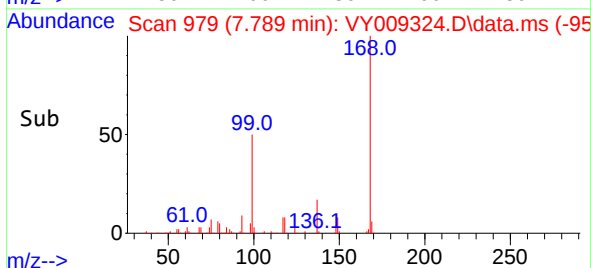
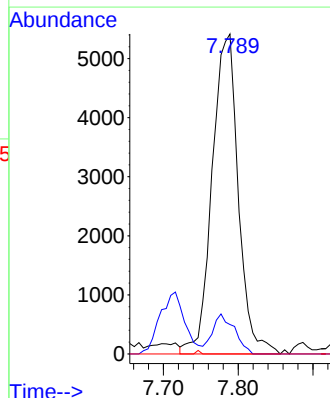
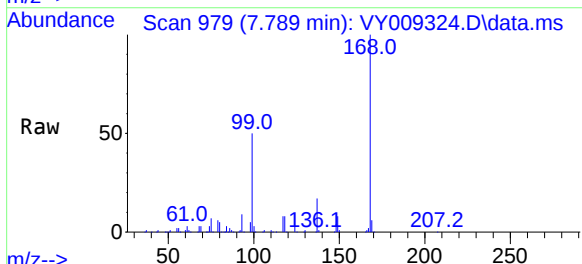
Instrument :
MSVOA_Y
ClientSampleId :

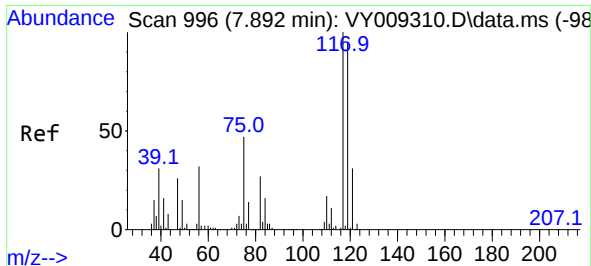
Tgt Ion:113 Resp: 91395
Ion Ratio Lower Upper
113 100
111 103.5 80.6 120.8
192 20.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.850 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009324.D
Acq: 25 Jun 2022 15:21

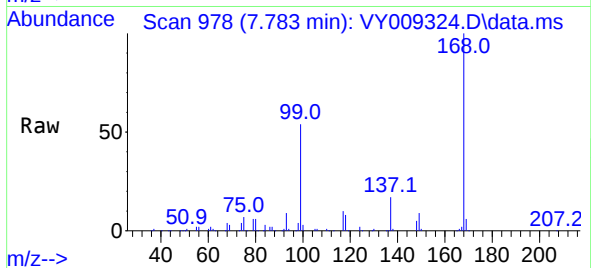
Tgt Ion: 75 Resp: 13191
Ion Ratio Lower Upper
75 100
110 10.5 18.6 56.0#
77 0.0 25.0 37.4#



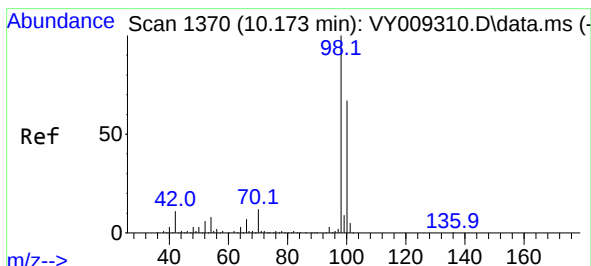
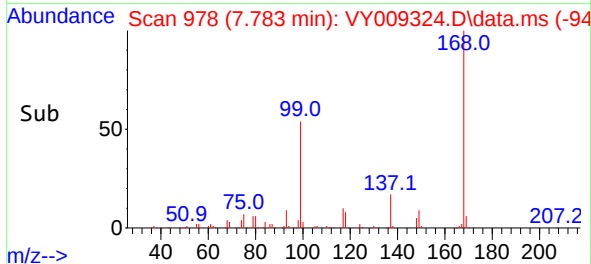
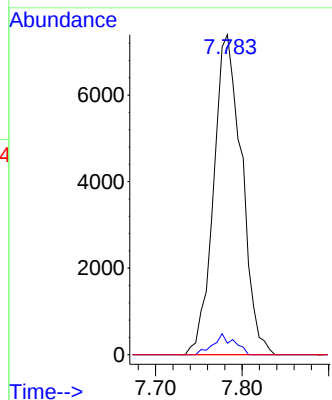


#38
Carbon Tetrachloride
Concen: 5.960 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009324.D
Acq: 25 Jun 2022 15:21

Instrument :
MSVOA_Y
ClientSampleId :

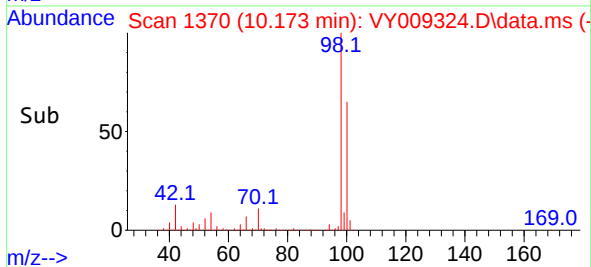
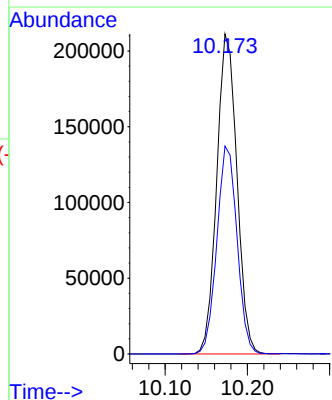
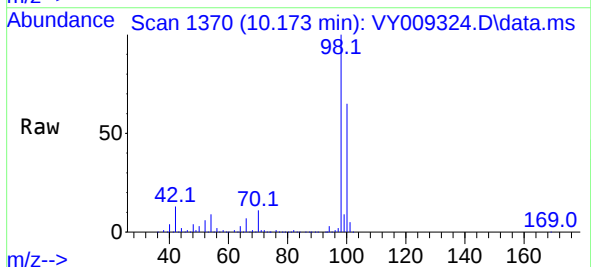


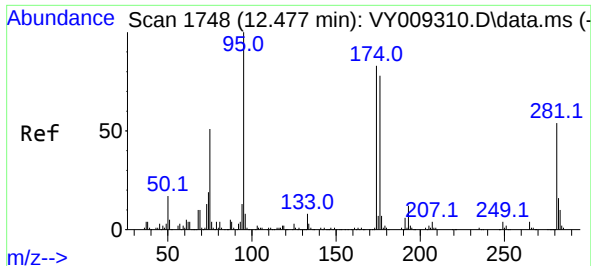
Tgt Ion:117 Resp: 16668
Ion Ratio Lower Upper
117 100
119 3.6 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 80.347 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009324.D
Acq: 25 Jun 2022 15:21

Tgt Ion: 98 Resp: 360934
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3

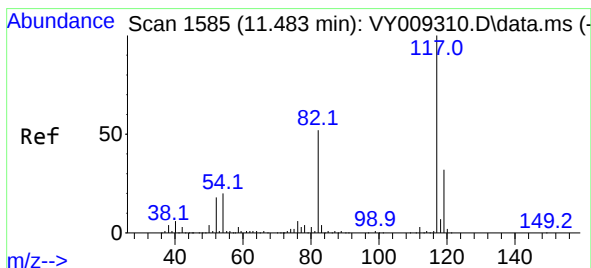
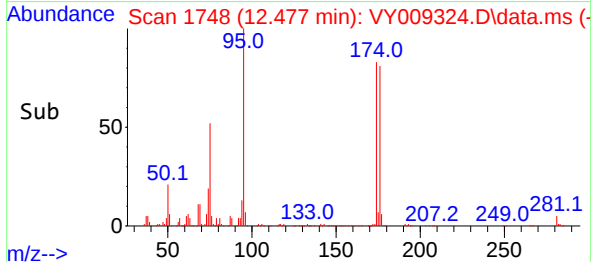
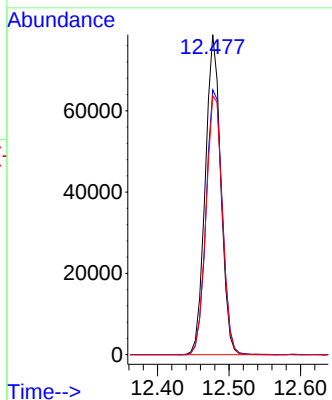
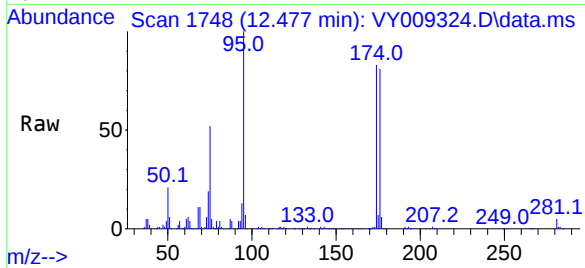




#62
4-Bromofluorobenzene
Concen: 51.259 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009324.D
Acq: 25 Jun 2022 15:21

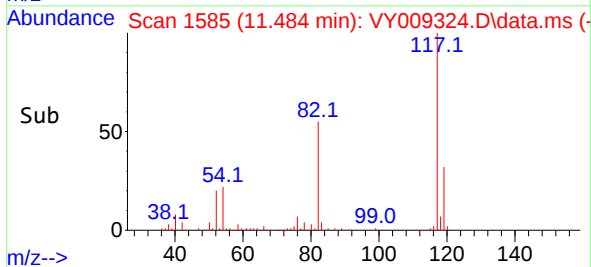
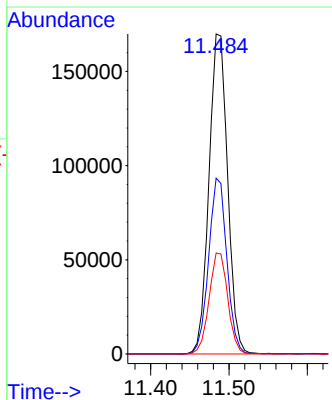
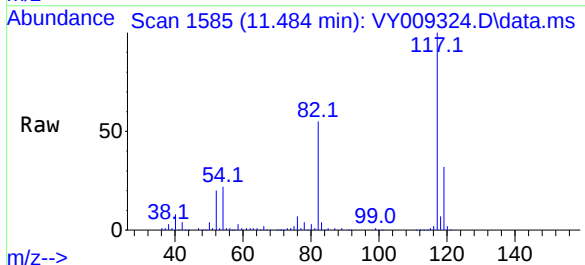
Instrument :
MSVOA_Y
ClientSampleId :

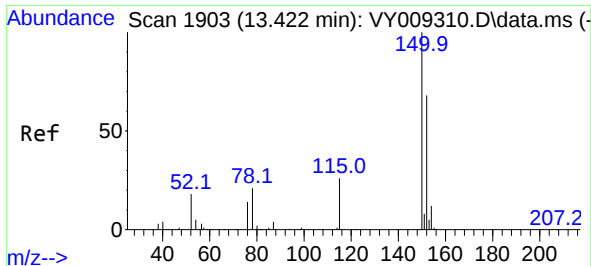
Tgt Ion: 95 Resp: 118310
Ion Ratio Lower Upper
95 100
174 86.7 0.0 173.8
176 85.3 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. 0.001 min
Lab File: VY009324.D
Acq: 25 Jun 2022 15:21

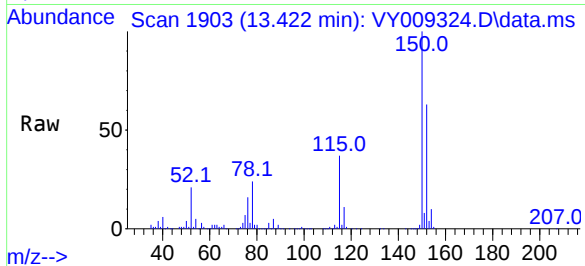
Tgt Ion: 117 Resp: 280427
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.6
119 31.6 25.6 38.4



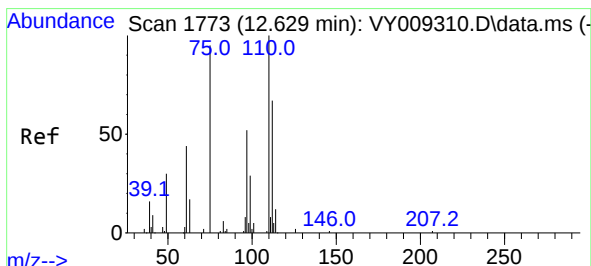
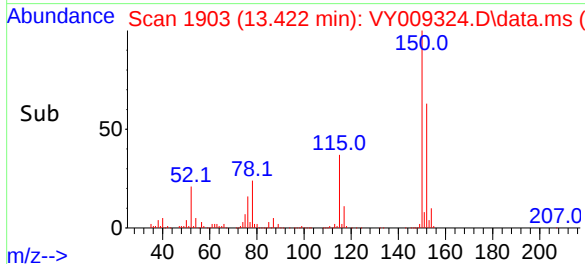
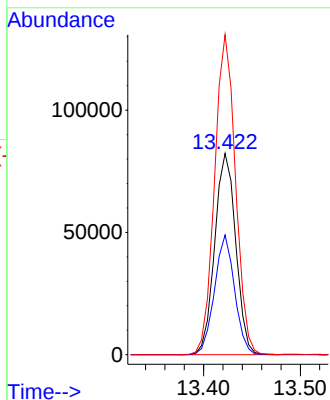


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009324.D
Acq: 25 Jun 2022 15:21

Instrument :
MSVOA_Y
ClientSampleId :

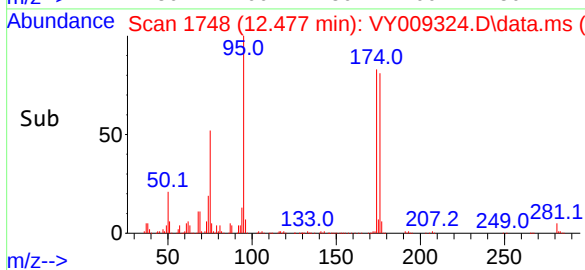
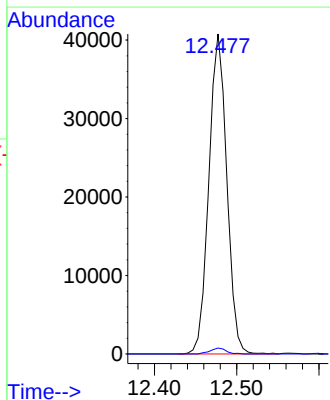
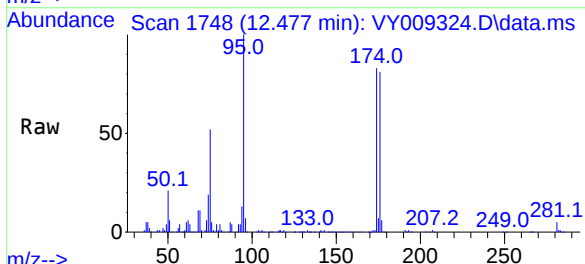


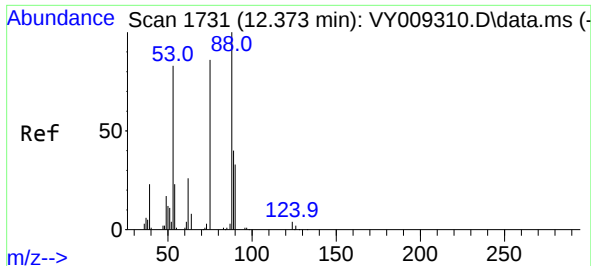
Tgt Ion:152 Resp: 124336
Ion Ratio Lower Upper
152 100
115 56.9 28.6 85.9
150 157.8 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 51.155 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009324.D
Acq: 25 Jun 2022 15:21

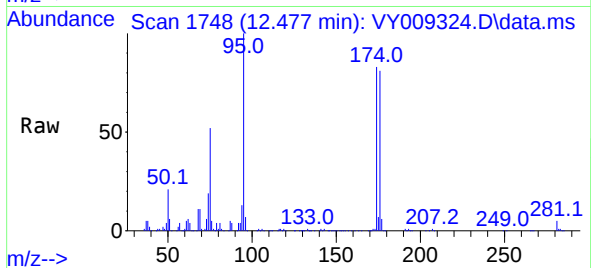
Tgt Ion: 75 Resp: 61723
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.265 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009324.D
 Acq: 25 Jun 2022 15:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 61723
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 38.1 57.1#

