

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019260.D
 Acq On : 23 Aug 2024 16:18
 Operator : SY/MD
 Sample : P3663-12
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

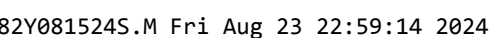
Quant Time: Aug 23 22:59:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

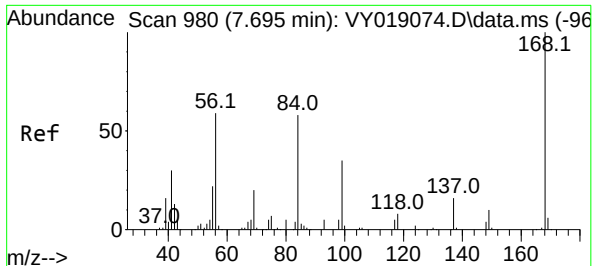
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	75811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	141443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	161280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	59067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	38852	51.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.240%	
35) Dibromofluoromethane	7.622	113	44469	48.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.160%	
50) Toluene-d8	10.103	98	203310	61.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 122.180%	
62) 4-Bromofluorobenzene	12.408	95	59372	52.330	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	145	Below Cal	#	74
6) Chloroethane	2.708	64	22	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	133	Below Cal	#	88
16) Acetone	3.854	43	6008	42.630	ug/l #	86
20) Methylene Chloride	4.592	84	951	Below Cal	#	90
25) 2-Butanone	6.878	43	2546	11.217	ug/l #	78
31) Cyclohexane	7.695	56	1747	Below Cal	#	14
36) 1,1-Dichloropropene	7.695	75	5815	4.579	ug/l #	48
37) Ethyl Acetate	6.878	43	2546	4.525	ug/l #	88
38) Carbon Tetrachloride	7.701	117	7850	5.334	ug/l #	15
51) 4-Methyl-2-Pentanone	10.097	43	825	1.366	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	32214	55.302	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	32214	136.578	ug/l #	16

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

Quant Time: Aug 23 22:59:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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Response via : Initial Calibration

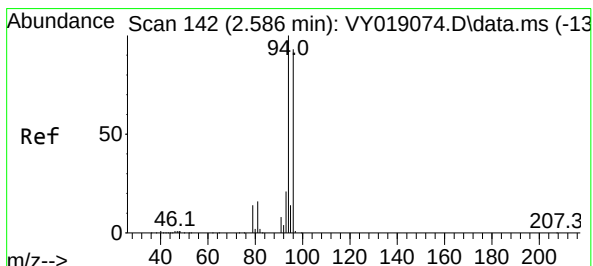
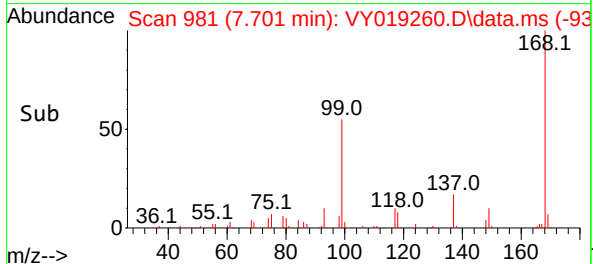
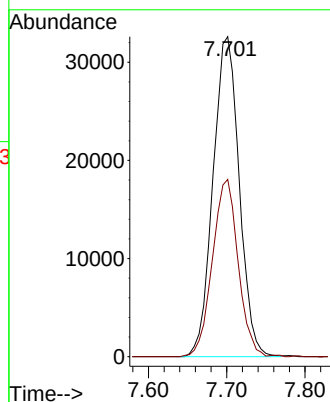
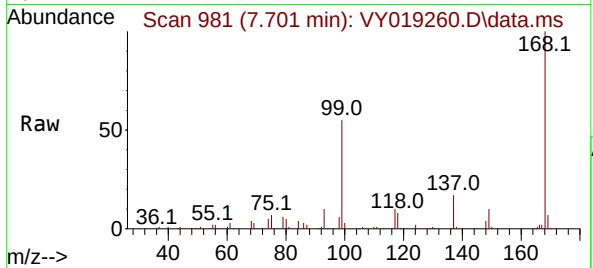




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

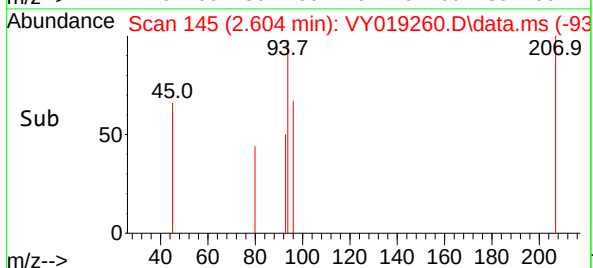
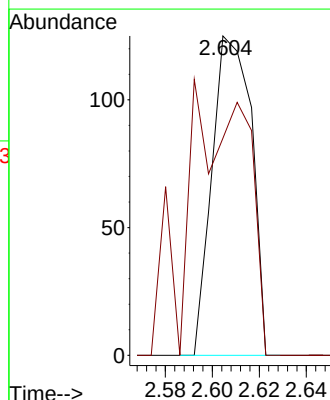
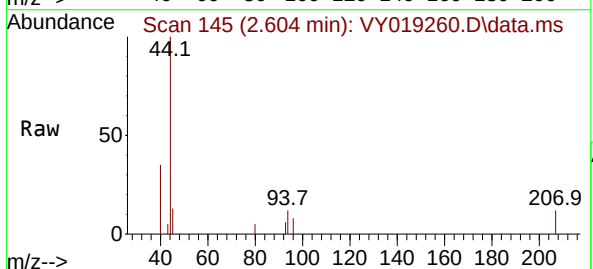
Instrument :
MSVOA_Y
ClientSampleId :

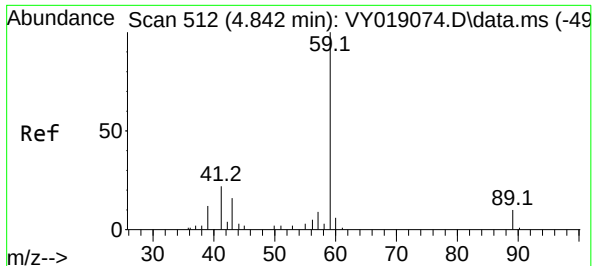
Tgt Ion:168 Resp: 75811
Ion Ratio Lower Upper
168 100
99 55.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

Tgt Ion: 94 Resp: 145
Ion Ratio Lower Upper
94 100
96 68.0 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.836 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019260.D

Acq: 23 Aug 2024 16:18

Instrument :

MSVOA_Y

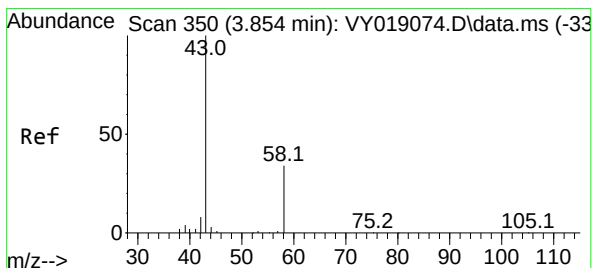
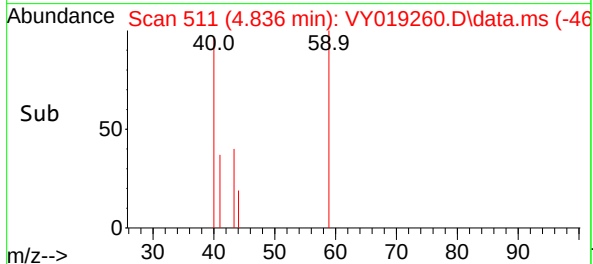
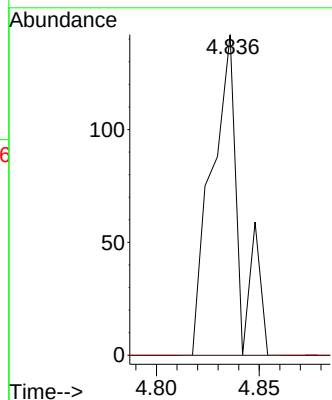
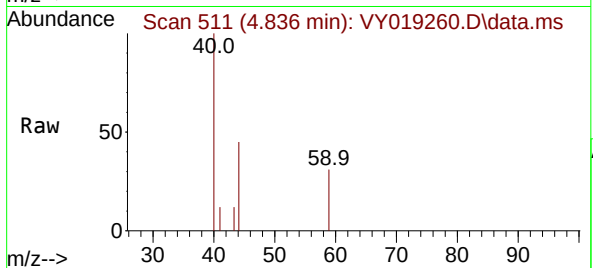
ClientSampleId :

Tgt Ion: 59 Resp: 133

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 42.630 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019260.D

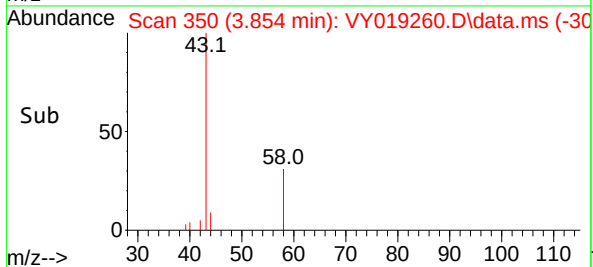
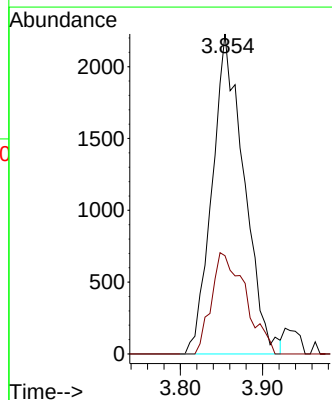
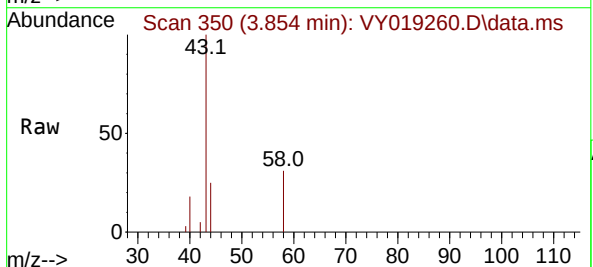
Acq: 23 Aug 2024 16:18

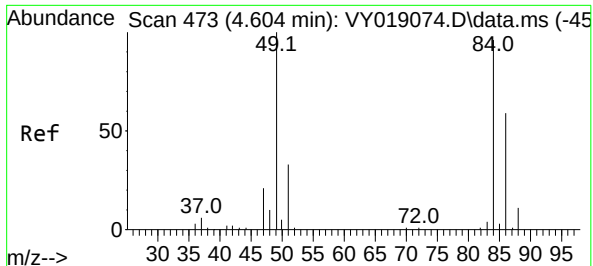
Tgt Ion: 43 Resp: 6008

Ion Ratio Lower Upper

43 100

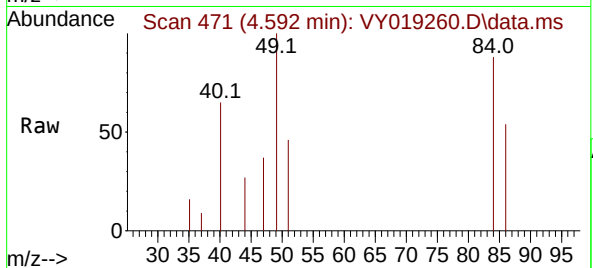
58 30.7 31.7 47.5#





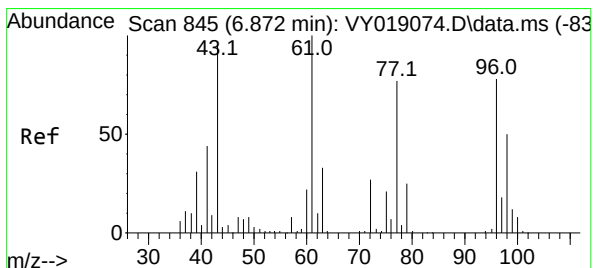
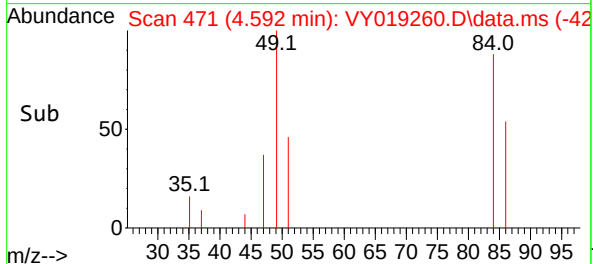
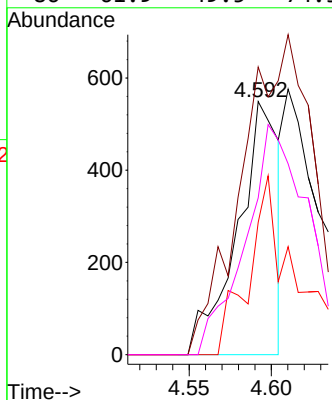
#20
Methylene Chloride
Concen: Below Cal
RT: 4.592 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 951

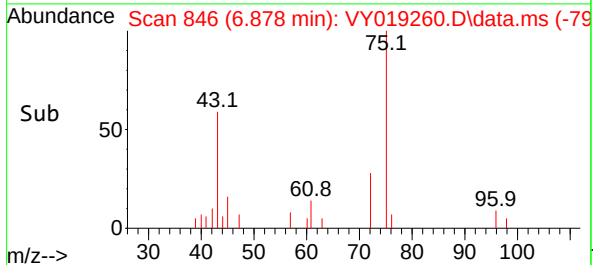
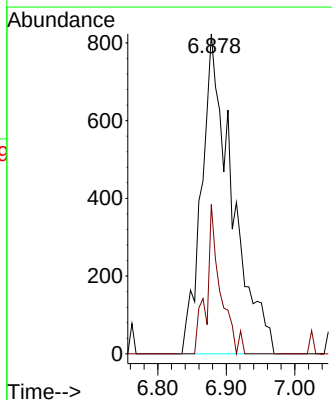
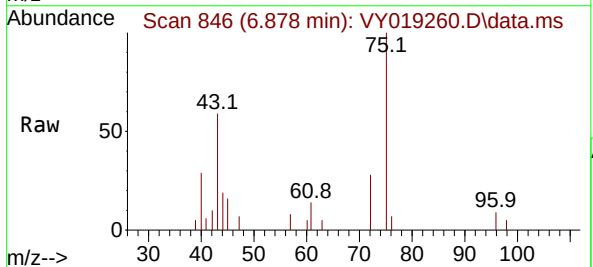
Ion	Ratio	Lower	Upper
84	100		
49	113.7	84.4	126.6
51	52.3	26.0	39.0#
86	61.9	49.5	74.3

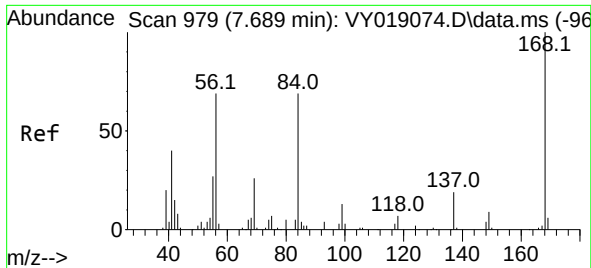


#25
2-Butanone
Concen: 11.217 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

Tgt Ion: 43 Resp: 2546

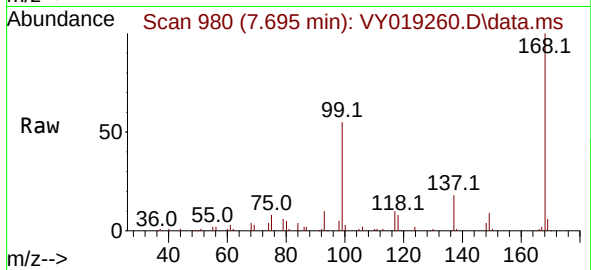
Ion	Ratio	Lower	Upper
43	100		
72	46.7	27.3	40.9#



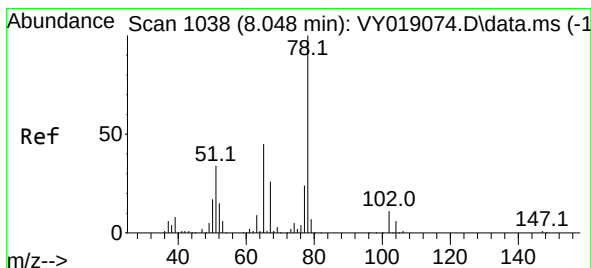
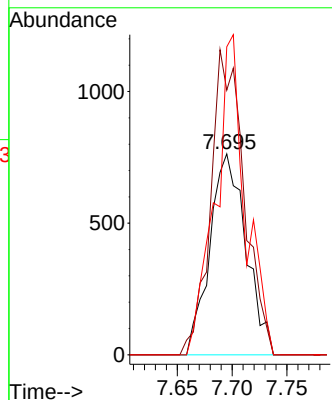
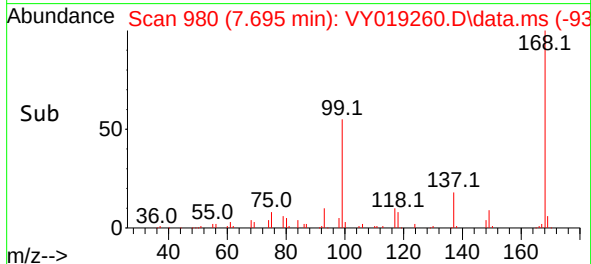


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

Instrument :
MSVOA_Y
ClientSampleId :

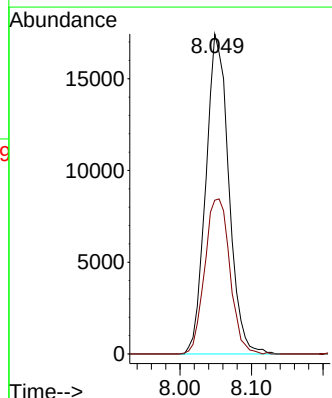
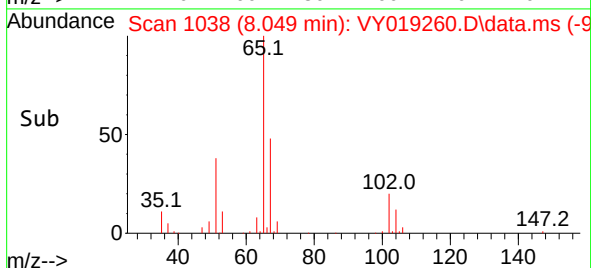
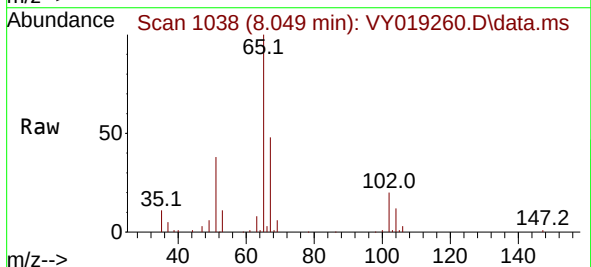


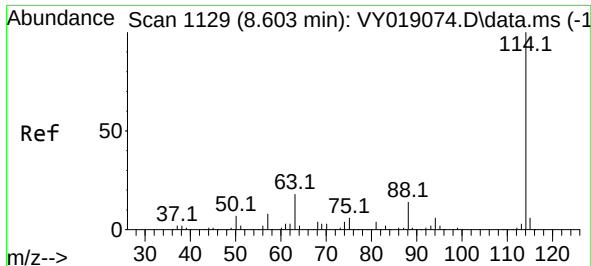
Tgt Ion: 56 Resp: 1747
Ion Ratio Lower Upper
56 100
69 131.7 28.7 43.1#
84 153.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.125 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

Tgt Ion: 65 Resp: 38852
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6

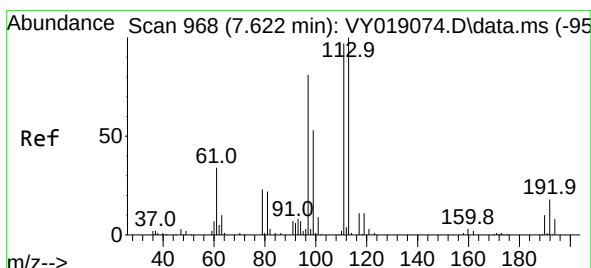
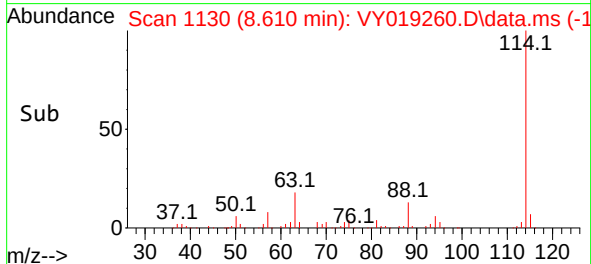
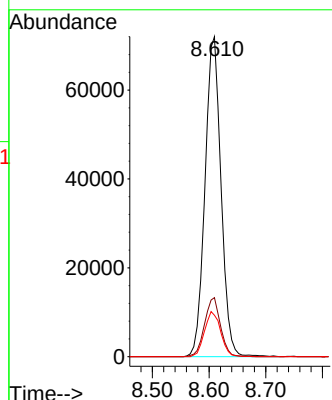
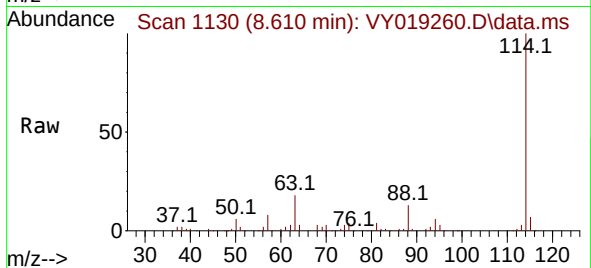




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

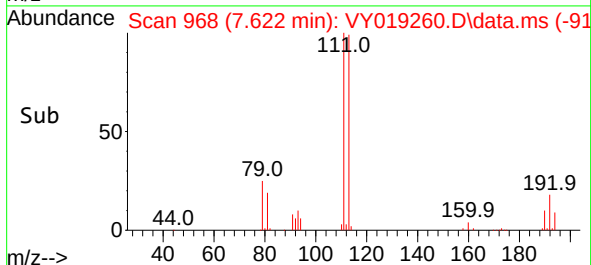
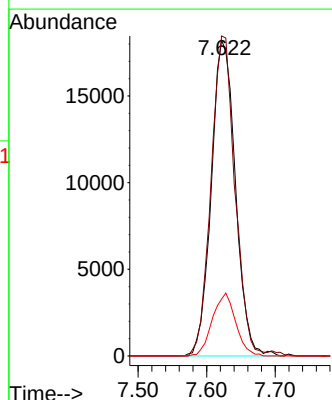
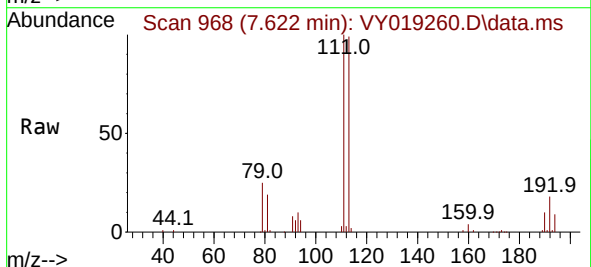
Instrument :
MSVOA_Y
ClientSampleId :

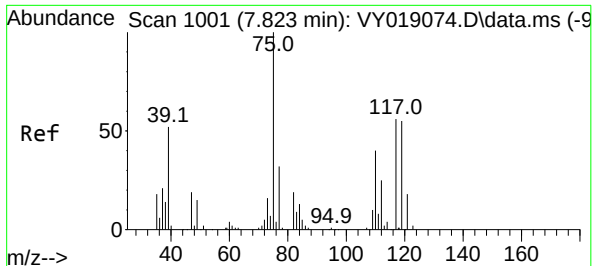
Tgt Ion:114 Resp: 141443
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.0
88 12.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.083 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

Tgt Ion:113 Resp: 44469
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.4
192 19.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.579 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.128 min

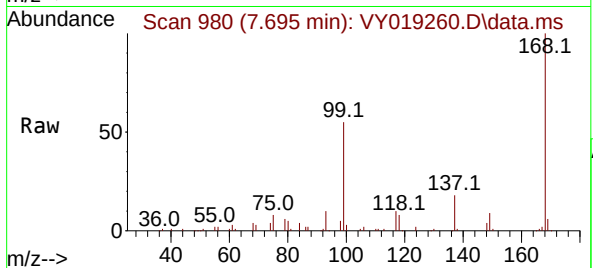
Lab File: VY019260.D

Acq: 23 Aug 2024 16:18

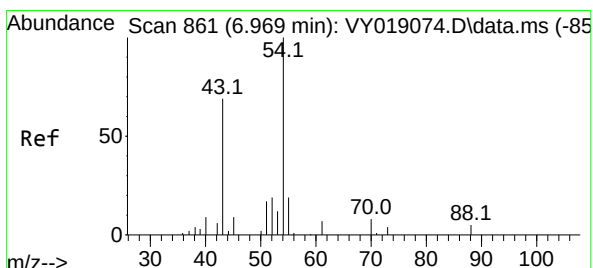
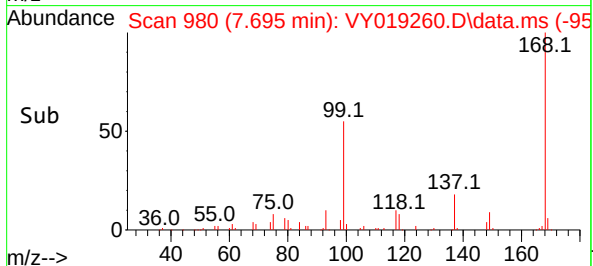
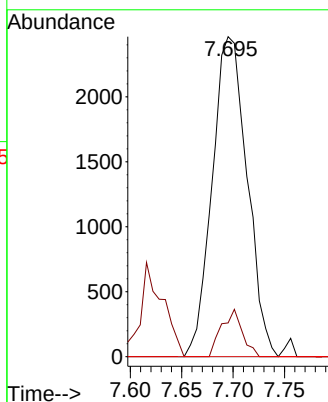
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 5815
Ion Ratio	Lower Upper
75 100	
110 8.9	19.0 57.0#
77 0.0	25.3 37.9#



#37

Ethyl Acetate

Concen: 4.525 ug/l

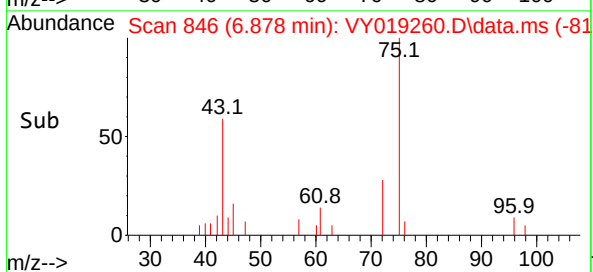
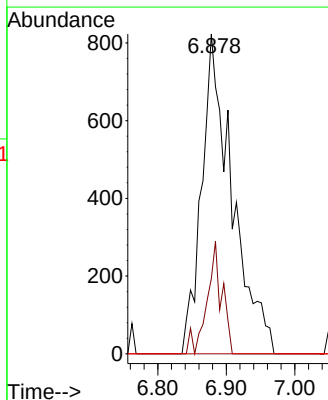
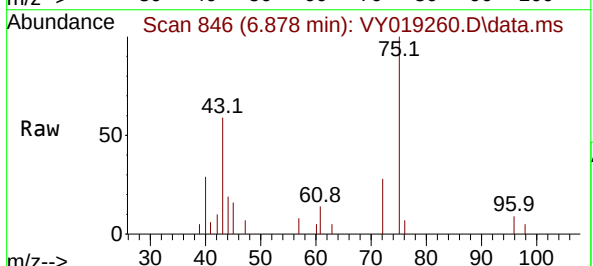
RT: 6.878 min Scan# 846

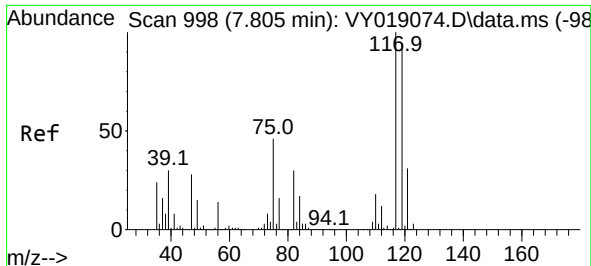
Delta R.T. -0.091 min

Lab File: VY019260.D

Acq: 23 Aug 2024 16:18

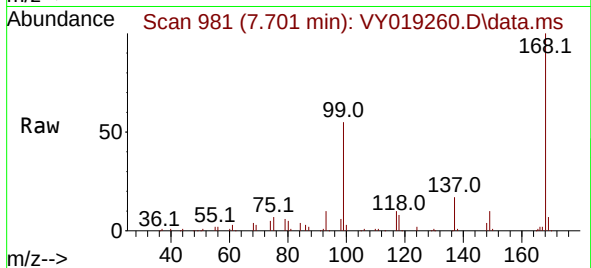
Tgt Ion: 43	Resp: 2546
Ion Ratio	Lower Upper
43 100	
61 17.2	12.6 19.0
70 0.0	7.8 11.8#



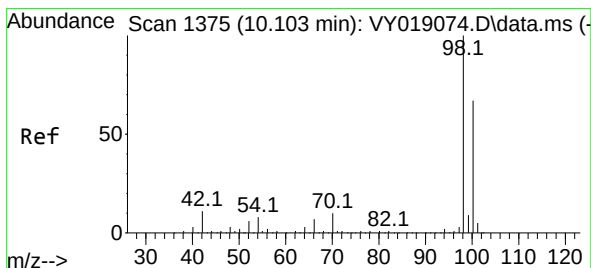
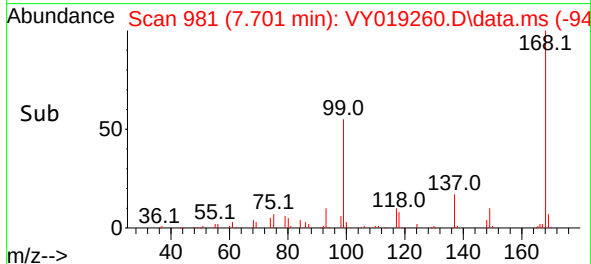
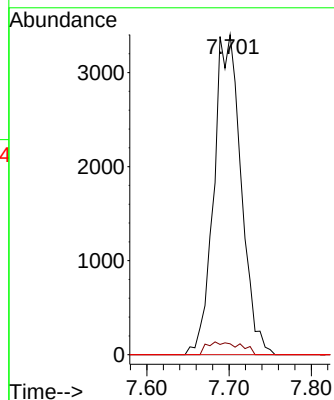


#38
Carbon Tetrachloride
Concen: 5.334 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

Instrument :
MSVOA_Y
ClientSampleId :

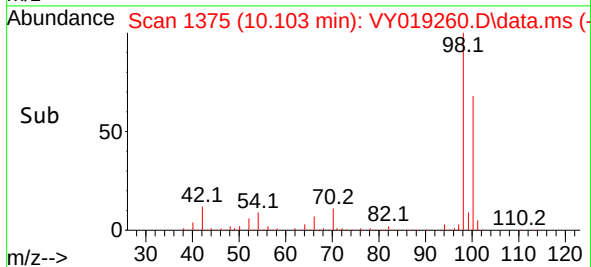
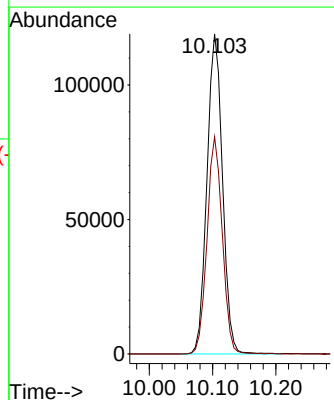
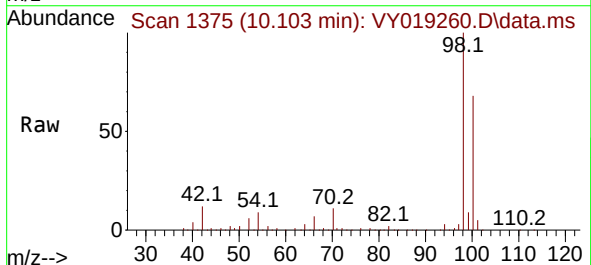


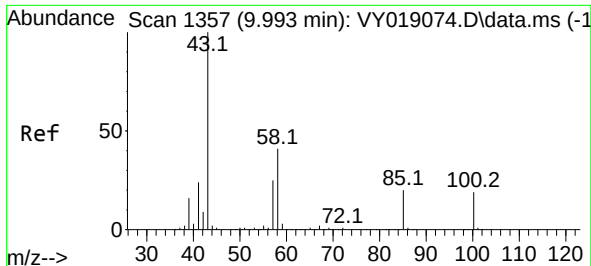
Tgt Ion:117 Resp: 7850
Ion Ratio Lower Upper
117 100
119 3.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 61.088 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

Tgt Ion: 98 Resp: 203310
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.366 ug/l

RT: 10.097 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY019260.D

Acq: 23 Aug 2024 16:18

Instrument :

MSVOA_Y

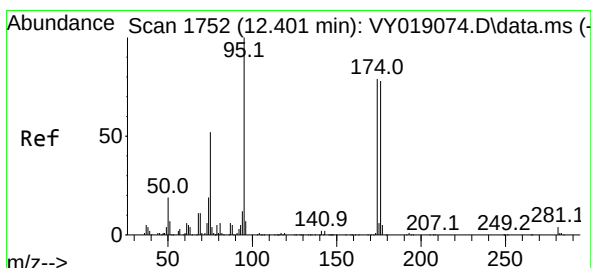
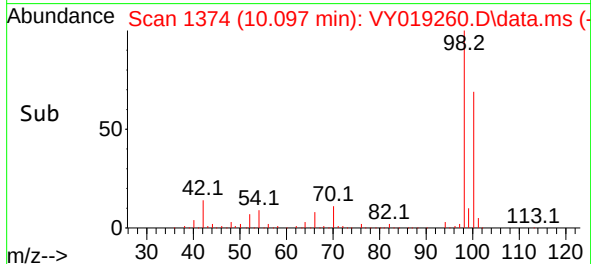
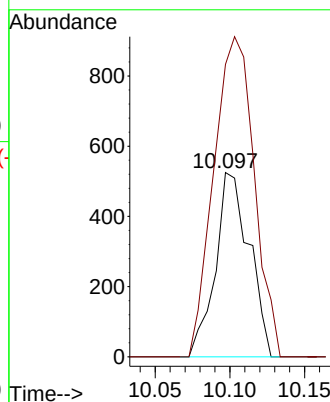
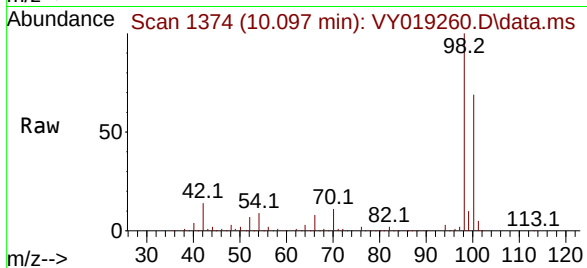
ClientSampleId :

Tgt Ion: 43 Resp: 825

Ion Ratio Lower Upper

43 100

58 208.1 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 52.330 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019260.D

Acq: 23 Aug 2024 16:18

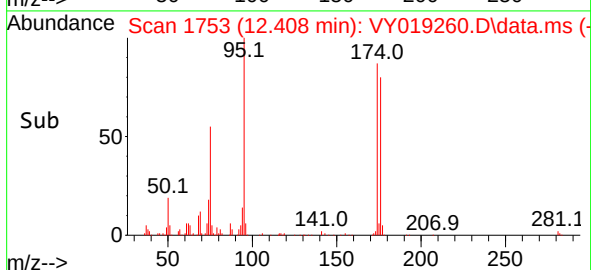
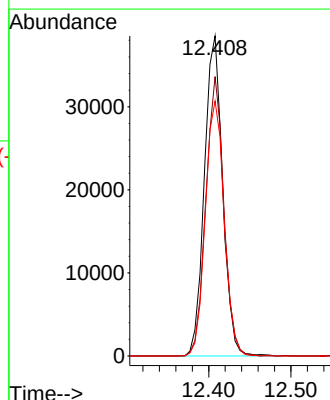
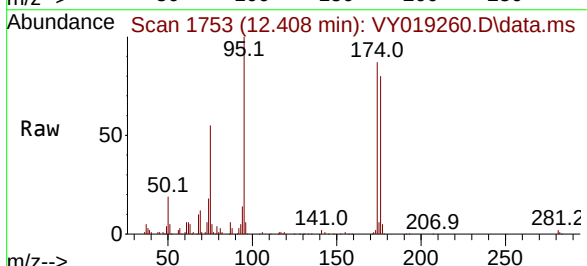
Tgt Ion: 95 Resp: 59372

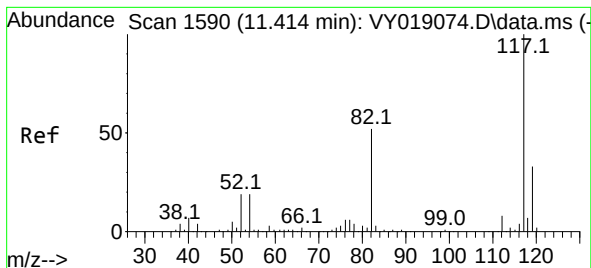
Ion Ratio Lower Upper

95 100

174 86.5 0.0 175.6

176 82.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019260.D

Acq: 23 Aug 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

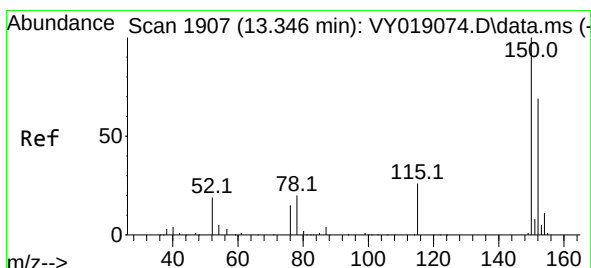
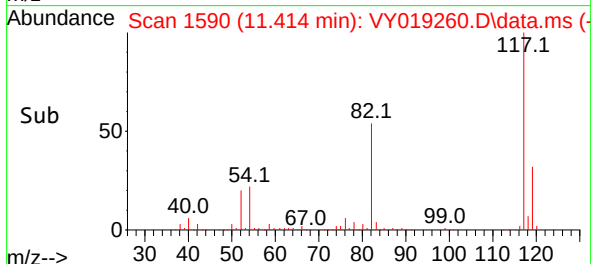
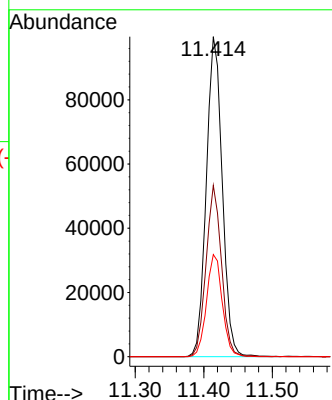
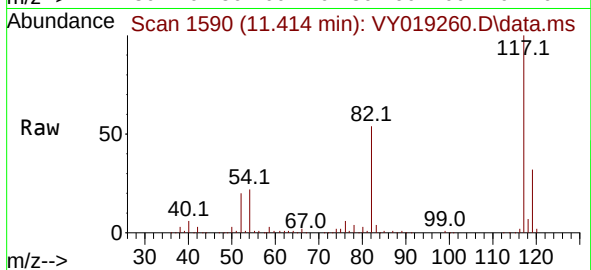
Tgt Ion:117 Resp: 161280

Ion Ratio Lower Upper

117 100

82 53.5 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019260.D

Acq: 23 Aug 2024 16:18

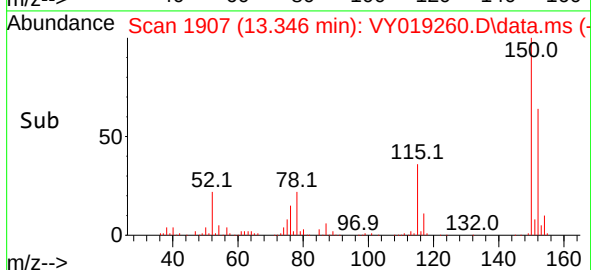
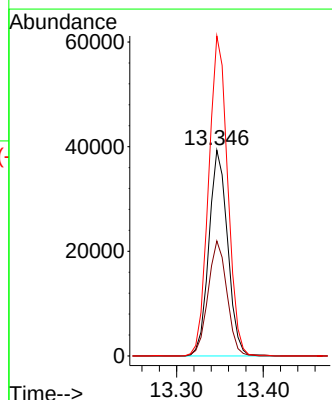
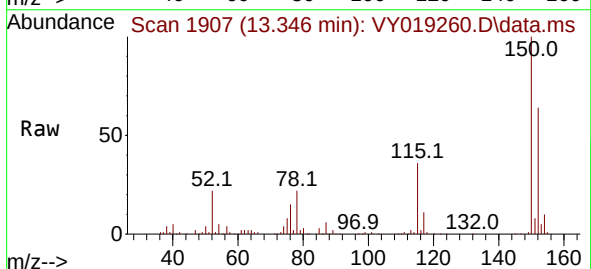
Tgt Ion:152 Resp: 59067

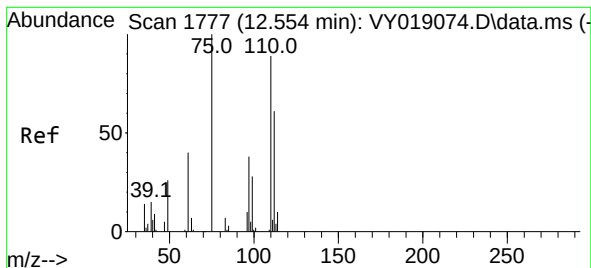
Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 158.1 0.0 345.6

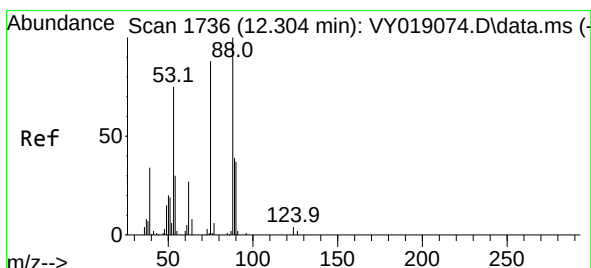
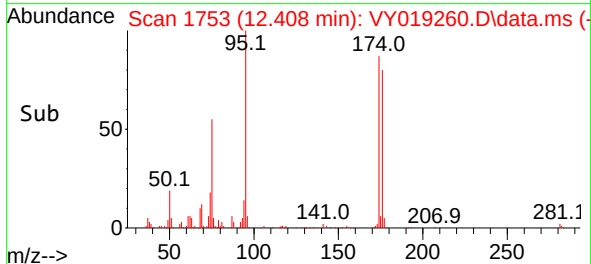
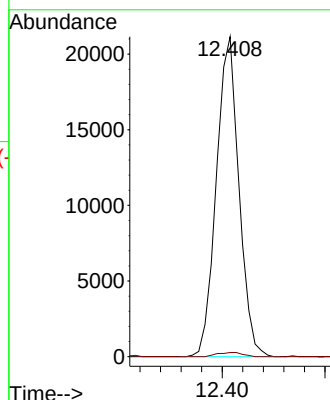
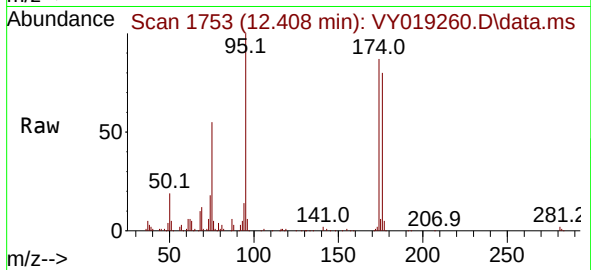




#76
1,2,3-Trichloropropane
Concen: 55.302 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32214
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.578 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019260.D
Acq: 23 Aug 2024 16:18

Tgt Ion: 75 Resp: 32214
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

