

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019112.D
 Acq On : 19 Aug 2024 13:12
 Operator : SY/MD
 Sample : P3615-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

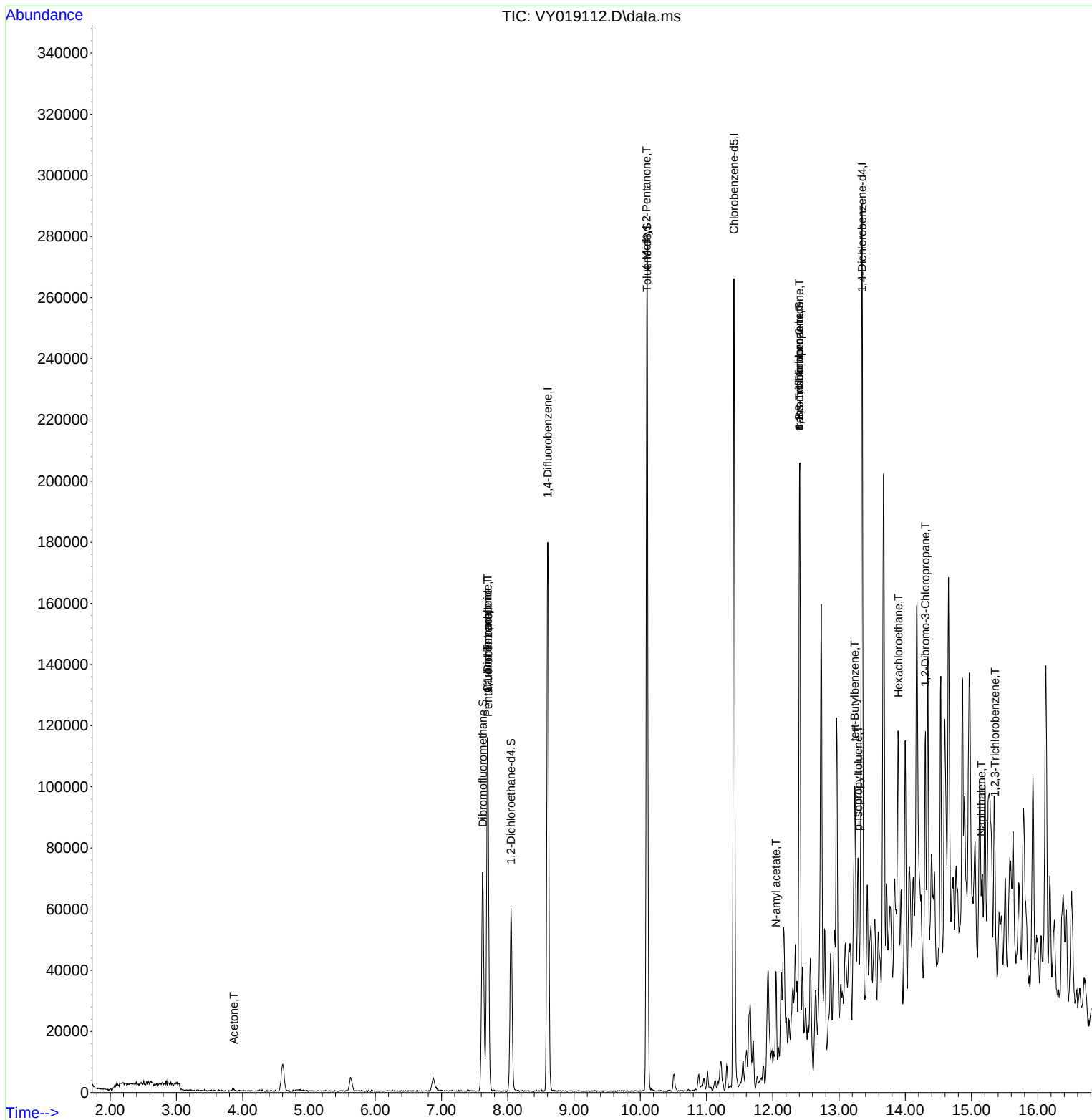
Quant Time: Aug 19 14:52:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

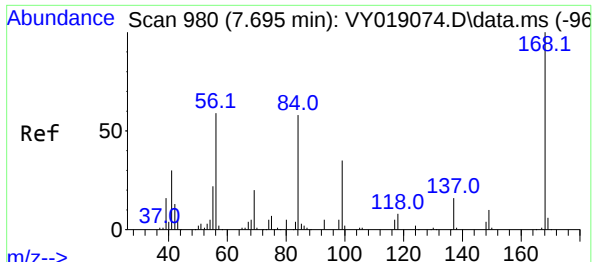
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	90131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	157061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	142236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	59552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	46014	50.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.860%	
35) Dibromofluoromethane	7.622	113	50159	48.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.680%	
50) Toluene-d8	10.103	98	176020	47.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.260%	
62) 4-Bromofluorobenzene	12.402	95	58147	46.154	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	420	Below Cal		97
6) Chloroethane	2.641	64	26	Below Cal	#	42
11) Tert butyl alcohol	4.842	59	468	Below Cal	#	88
16) Acetone	3.866	43	839	5.007 ug/l	#	84
20) Methylene Chloride	4.604	84	6749	Below Cal		95
31) Cyclohexane	7.689	56	1999	Below Cal	#	38
36) 1,1-Dichloropropene	7.695	75	6802	4.823 ug/l	#	48
38) Carbon Tetrachloride	7.695	117	8654	5.295 ug/l	#	18
51) 4-Methyl-2-Pentanone	10.097	43	817	1.218 ug/l	#	1
74) N-amyl acetate	12.048	43	6093	6.122 ug/l	#	58
76) 1,2,3-Trichloropropane	12.402	75	30732	52.328 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.402	75	30732	129.234 ug/l	#	16
83) tert-Butylbenzene	13.237	119	11505	3.350 ug/l	#	68
86) p-Isopropyltoluene	13.292	119	4753	1.156 ug/l		86
90) Hexachloroethane	13.895	117	3168	3.910 ug/l	#	12
92) 1,2-Dibromo-3-Chloropr...	14.304	75	392	3.279 ug/l	#	1
95) Naphthalene	15.151	128	2390	1.249 ug/l	#	69
96) 1,2,3-Trichlorobenzene	15.352	180	944	1.044 ug/l	#	12

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

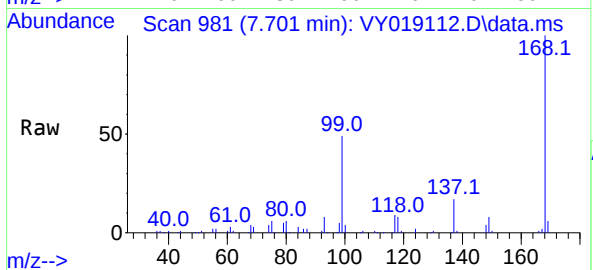
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration



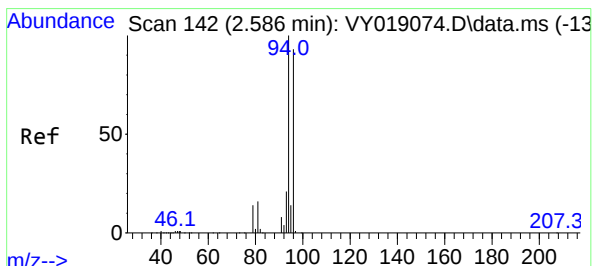
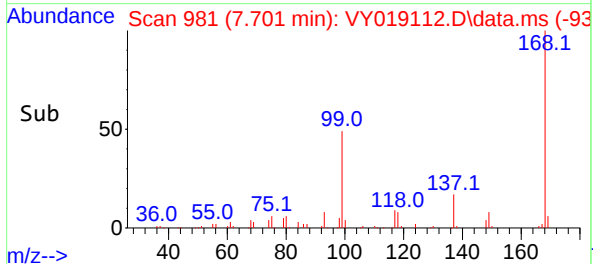
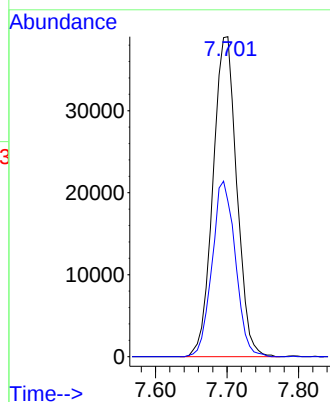


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

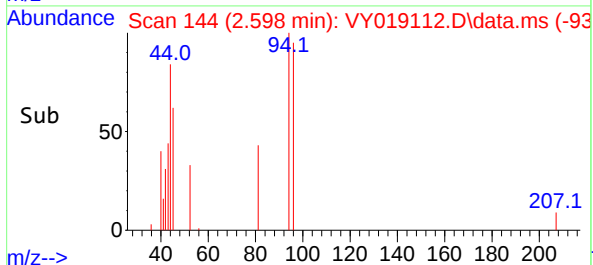
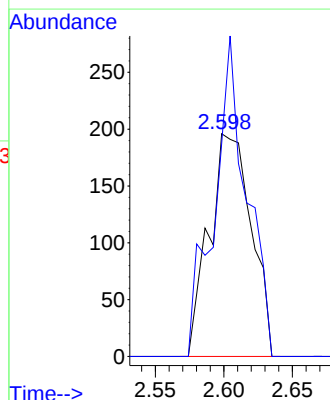
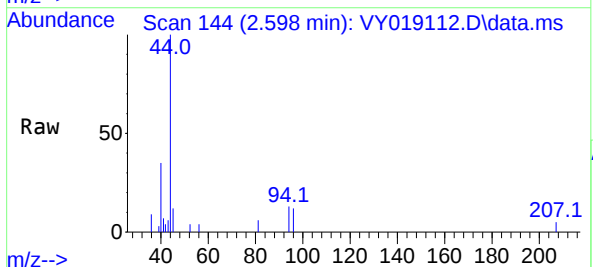


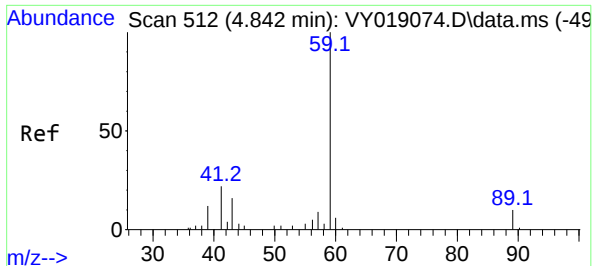
Tgt Ion:168 Resp: 90131
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

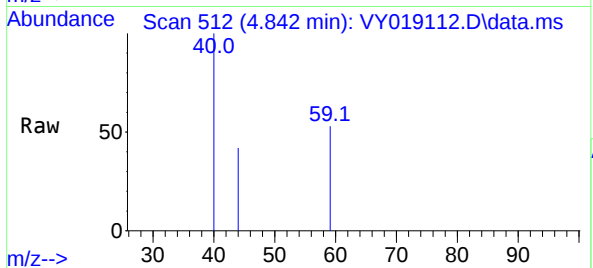
Tgt Ion: 94 Resp: 420
Ion Ratio Lower Upper
94 100
96 95.4 74.1 111.1



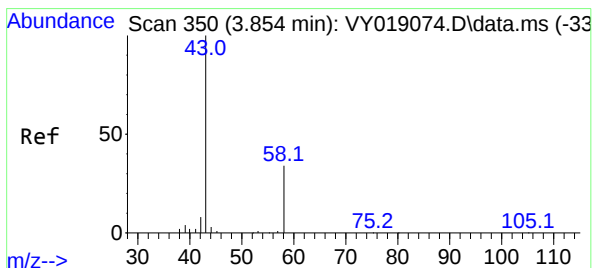
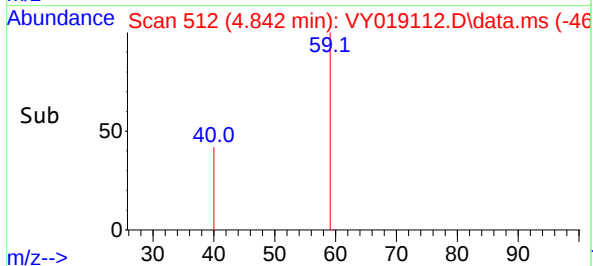
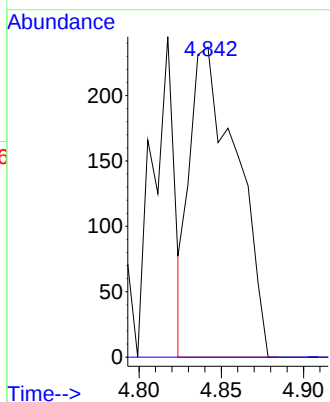


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.842 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

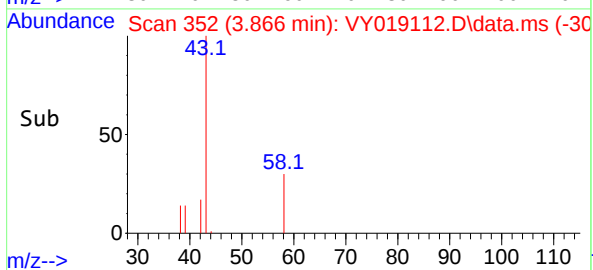
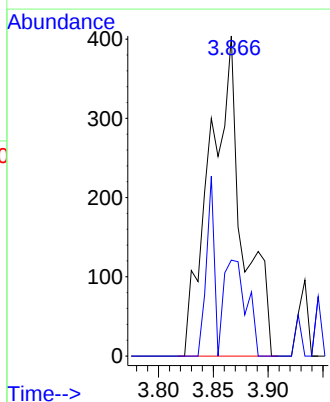
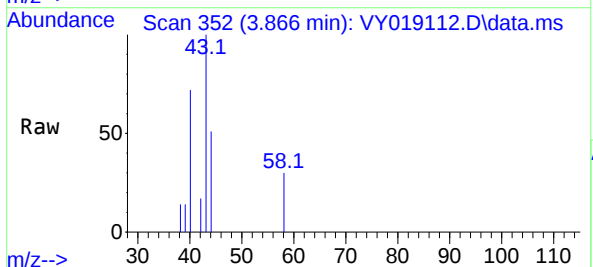


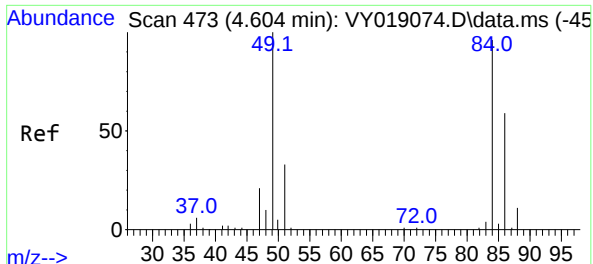
Tgt Ion: 59 Resp: 468
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 5.007 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 30.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 41

Delta R.T. 0.000 min

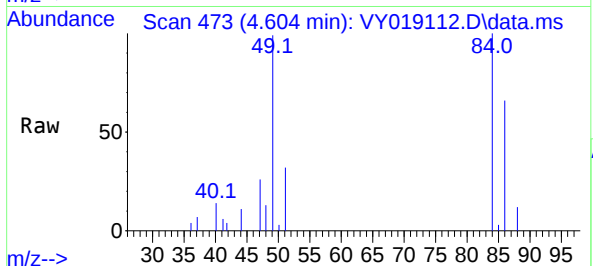
Lab File: VY019112.D

Acq: 19 Aug 2024 13:12

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 6749

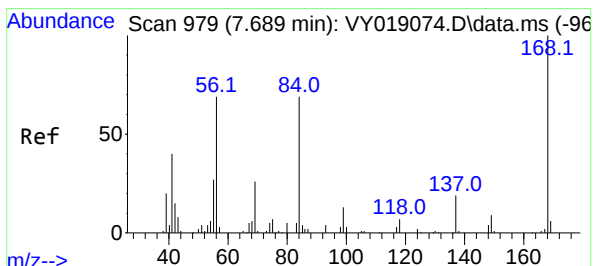
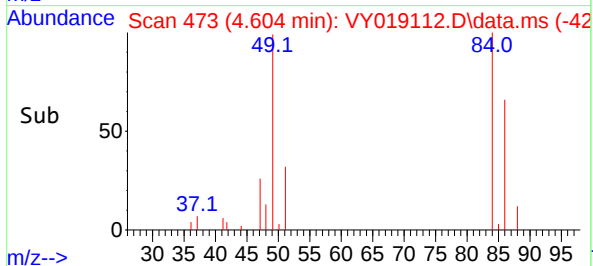
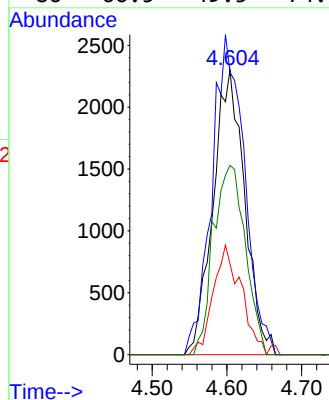
Ion Ratio Lower Upper

84 100

49 99.3 84.4 126.6

51 32.0 26.0 39.0

86 66.5 49.5 74.3



#31

Cyclohexane

Concen: Below Cal

RT: 7.689 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY019112.D

Acq: 19 Aug 2024 13:12

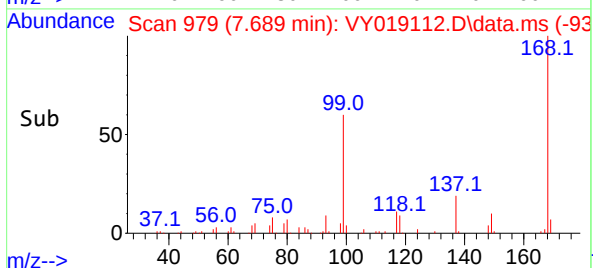
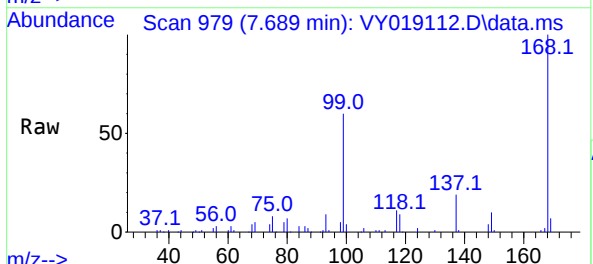
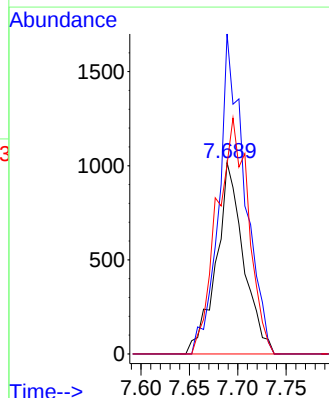
Tgt Ion: 56 Resp: 1999

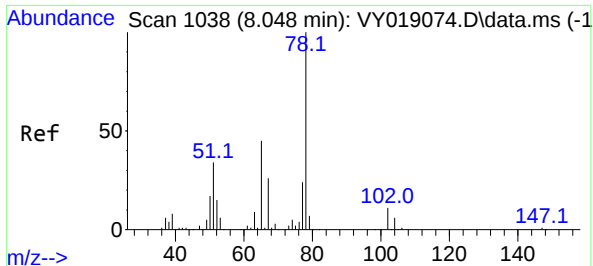
Ion Ratio Lower Upper

56 100

69 167.2 28.7 43.1#

84 99.0 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 50.929 ug/l

RT: 8.049 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019112.D

Acq: 19 Aug 2024 13:12

Instrument :

MSVOA_Y

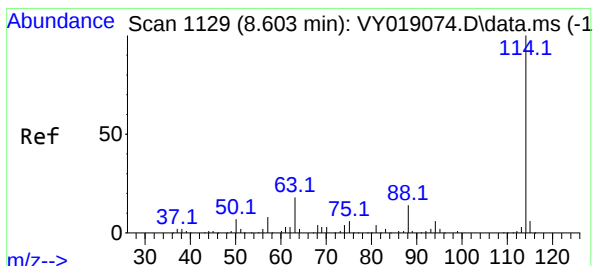
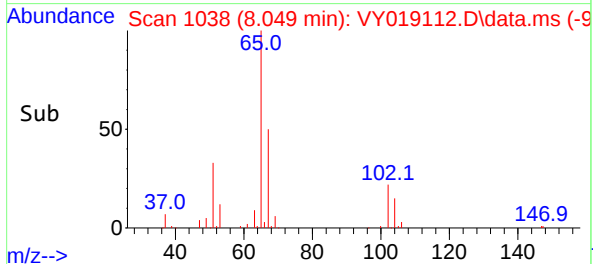
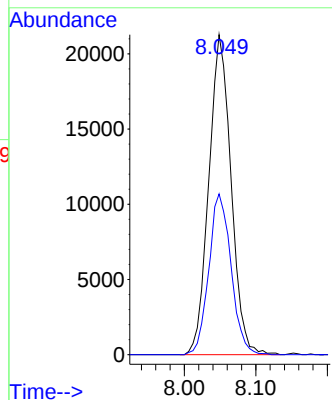
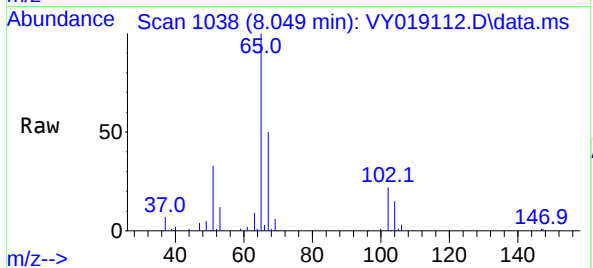
ClientSampleId :

Tgt Ion: 65 Resp: 46014

Ion Ratio Lower Upper

65 100

67 50.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019112.D

Acq: 19 Aug 2024 13:12

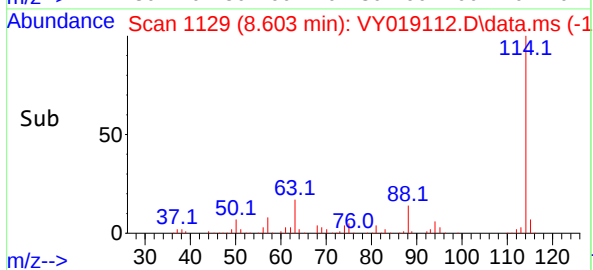
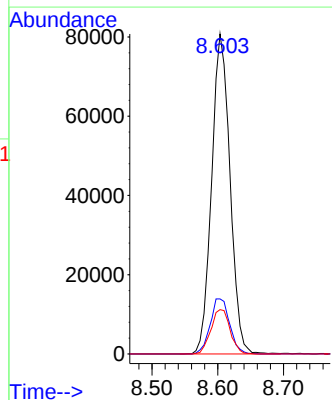
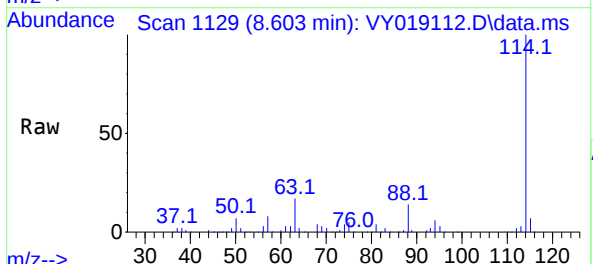
Tgt Ion: 114 Resp: 157061

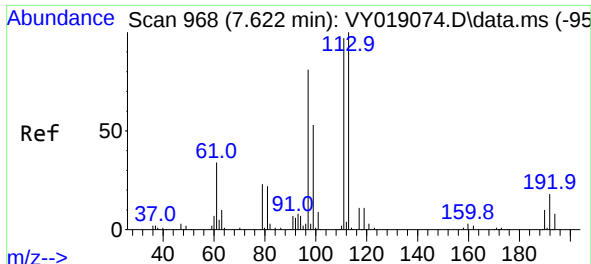
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

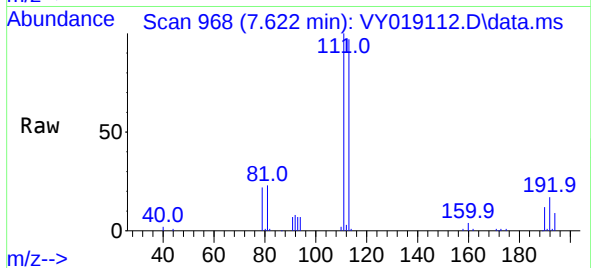
88 13.9 0.0 27.2



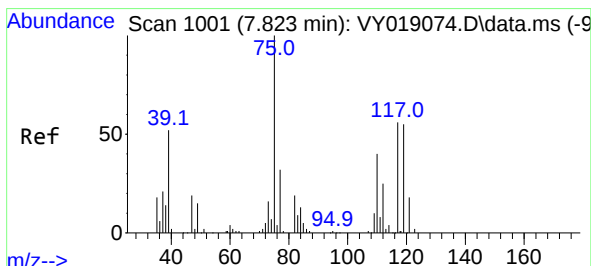
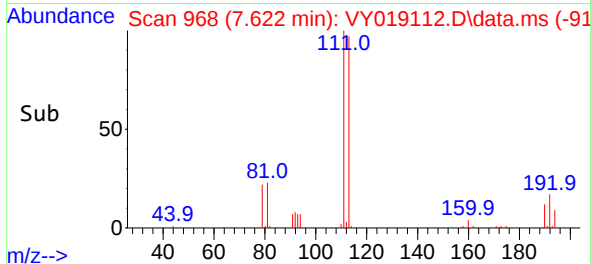
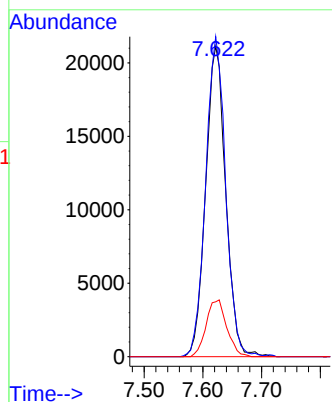


#35
Dibromofluoromethane
Concen: 48.842 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

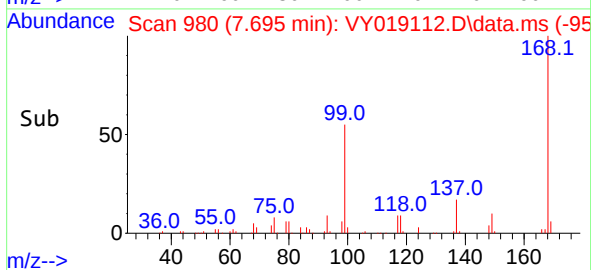
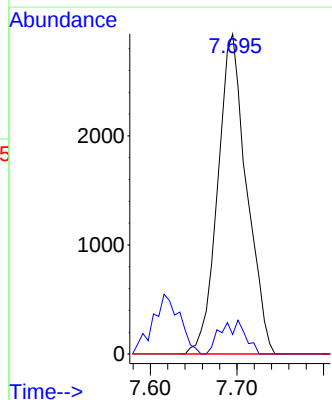
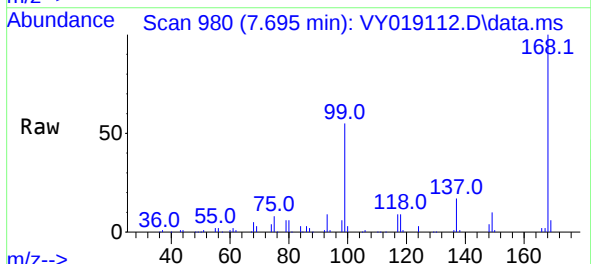


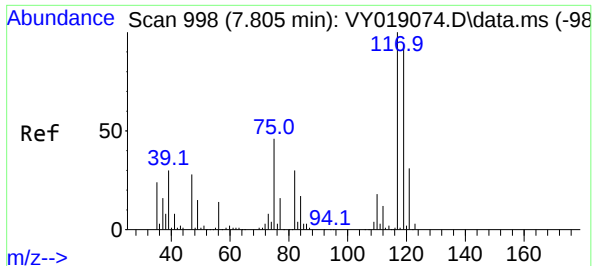
Tgt Ion:113 Resp: 50159
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

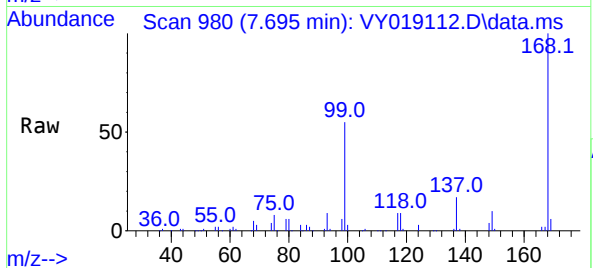
Tgt Ion: 75 Resp: 6802
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



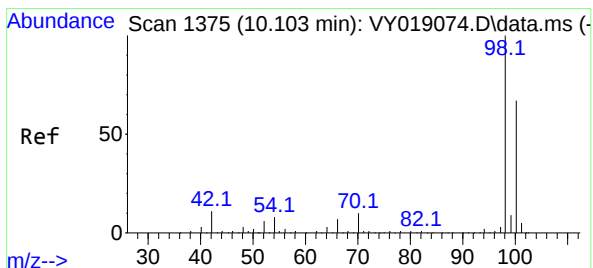
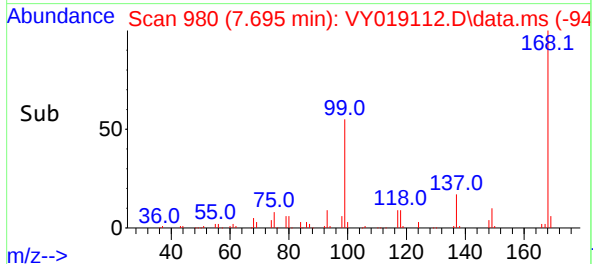
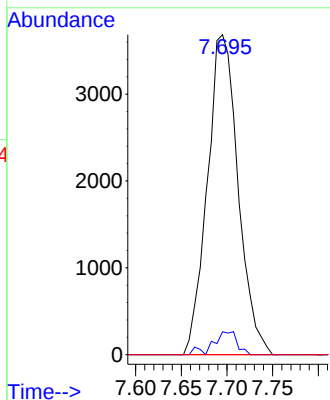


#38
Carbon Tetrachloride
Concen: 5.295 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

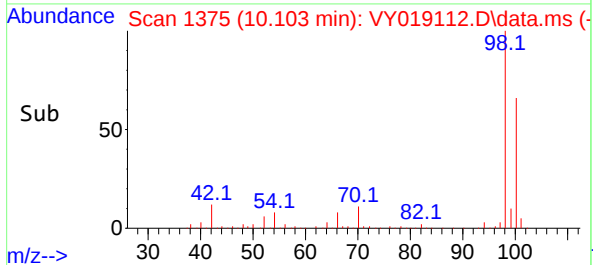
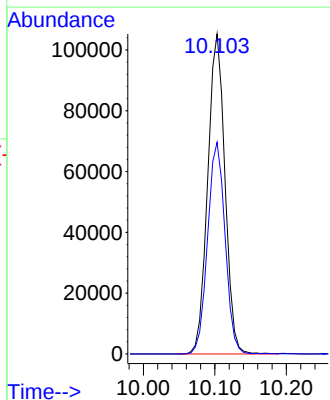
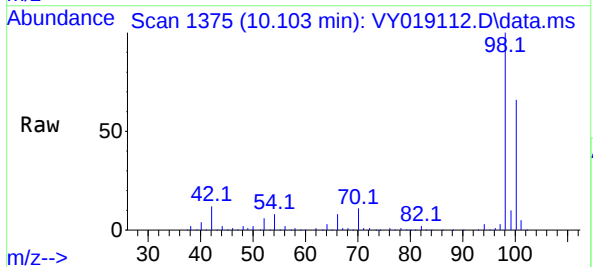


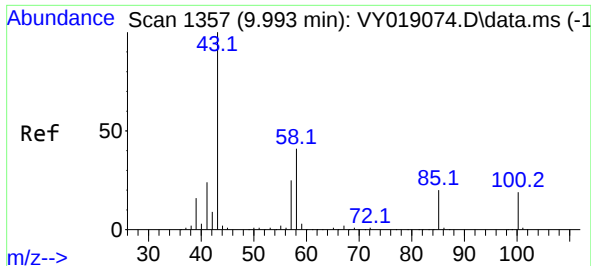
Tgt Ion:117 Resp: 8654
Ion Ratio Lower Upper
117 100
119 7.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.629 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Tgt Ion: 98 Resp: 176020
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0

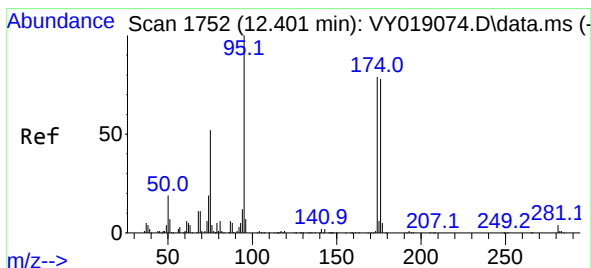
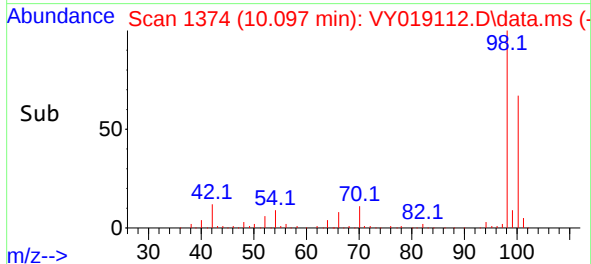
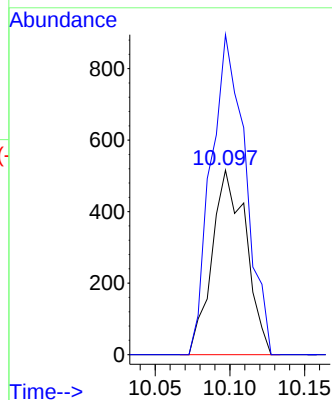
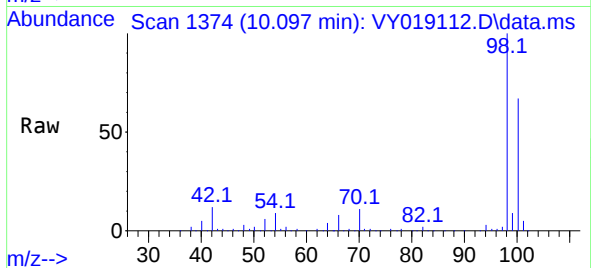




#51
4-Methyl-2-Pentanone
Concen: 1.218 ug/l
RT: 10.097 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

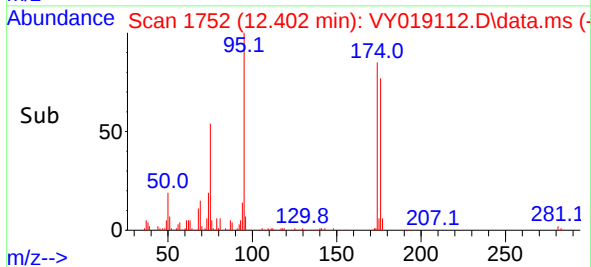
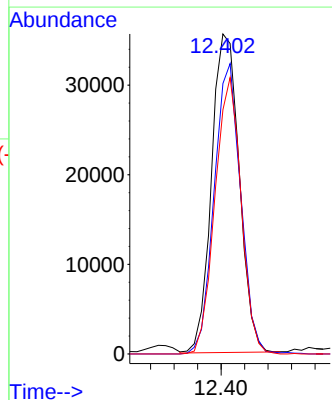
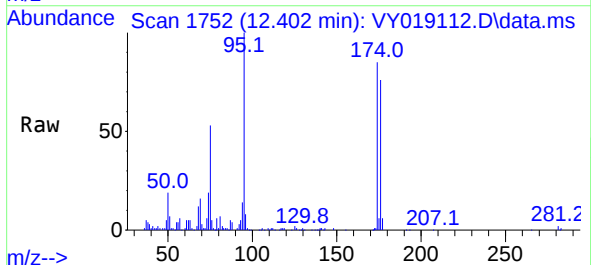
Instrument :
MSVOA_Y
ClientSampleId :

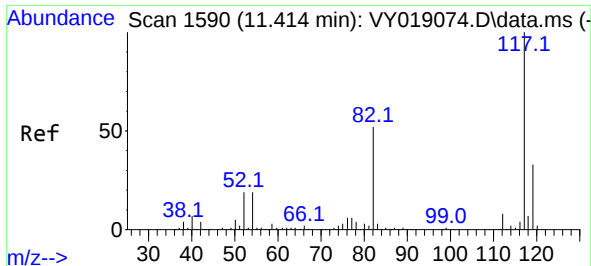
Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 175.5 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 46.154 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Tgt Ion: 95 Resp: 58147
Ion Ratio Lower Upper
95 100
174 87.5 0.0 175.6
176 81.9 0.0 171.4

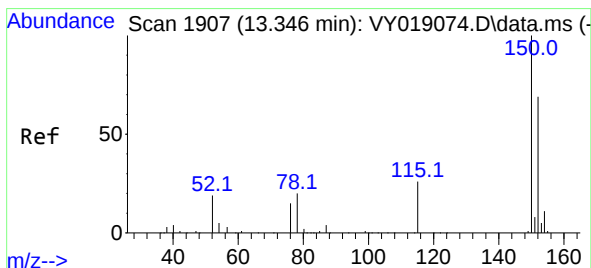
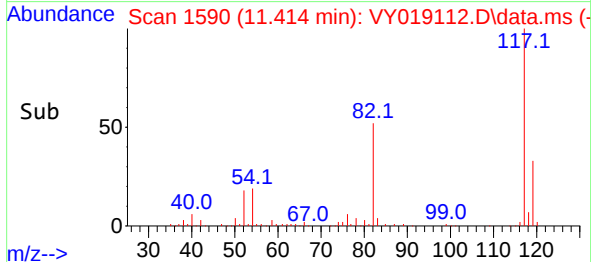
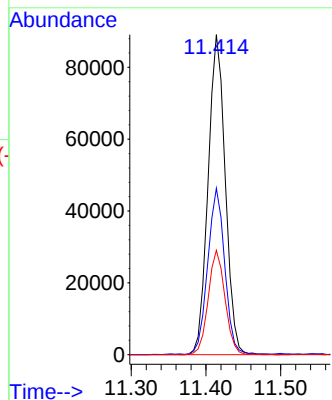
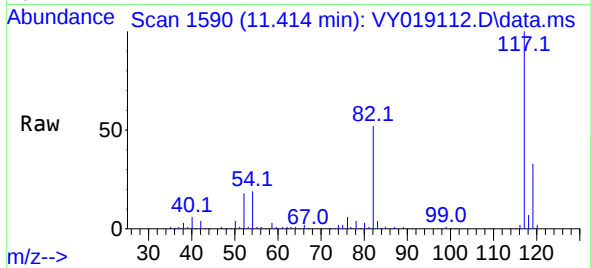




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

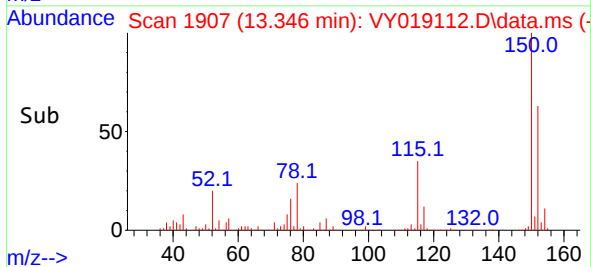
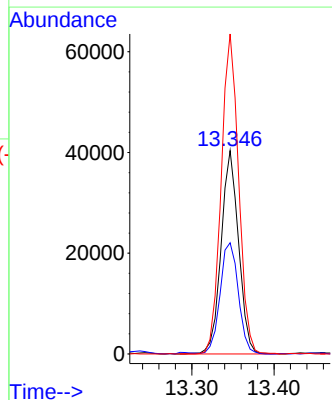
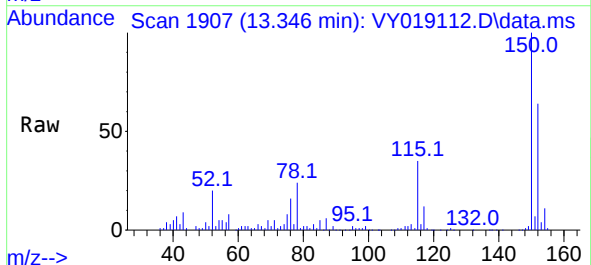
Instrument :
MSVOA_Y
ClientSampleId :

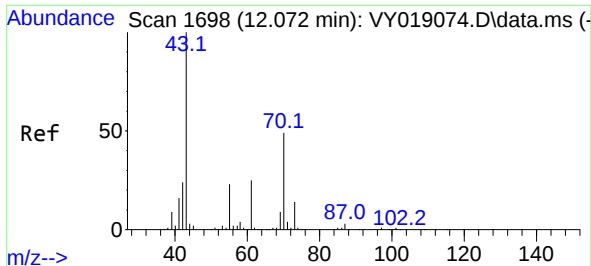
Tgt Ion:117 Resp: 142236
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

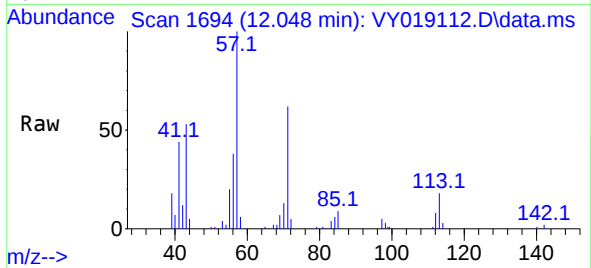
Tgt Ion:152 Resp: 59552
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 157.3 0.0 345.6





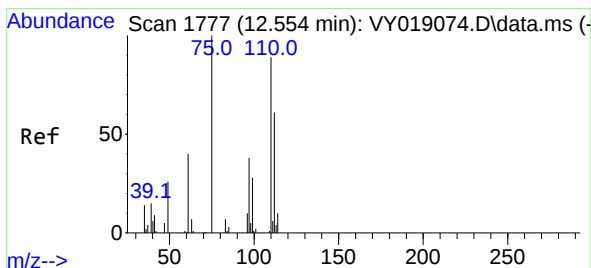
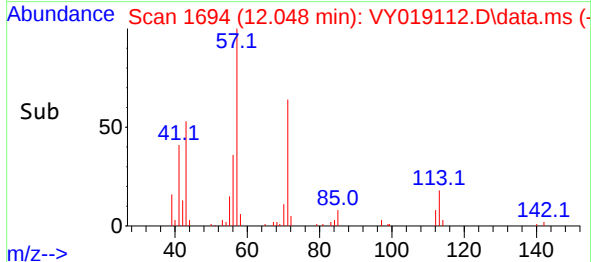
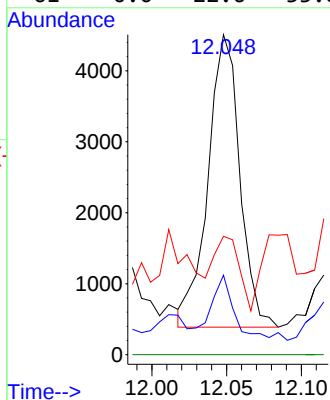
#74
N-amy1 acetate
Concen: 6.122 ug/l
RT: 12.048 min Scan# 1752
Delta R.T. -0.024 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 43 Resp: 6093

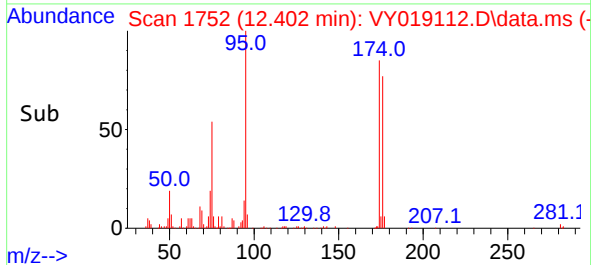
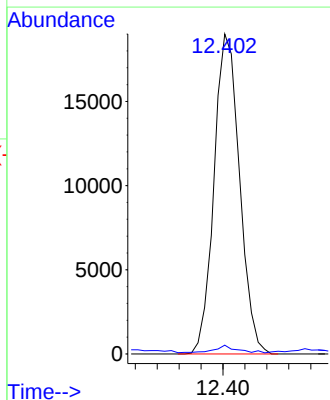
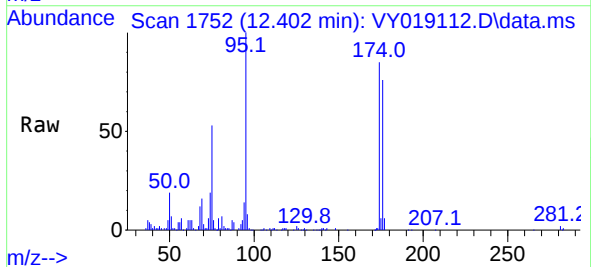
Ion	Ratio	Lower	Upper
43	100		
70	17.2	41.4	62.2#
55	20.0	23.3	34.9#
61	0.0	22.6	33.8#

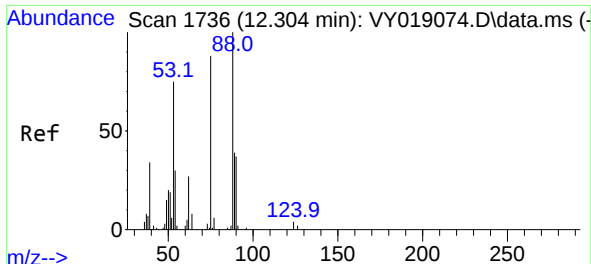


#76
1,2,3-Trichloropropane
Concen: 52.328 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Tgt Ion: 75 Resp: 30732

Ion	Ratio	Lower	Upper
75	100		
77	2.0	0.0	0.0#

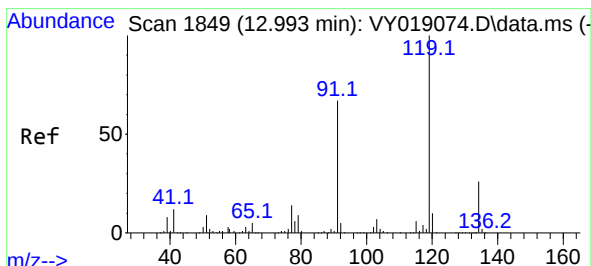
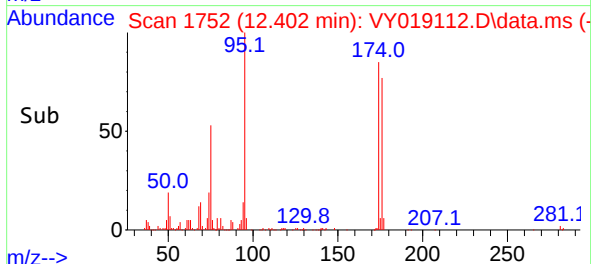
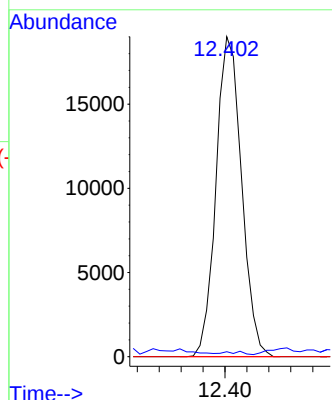
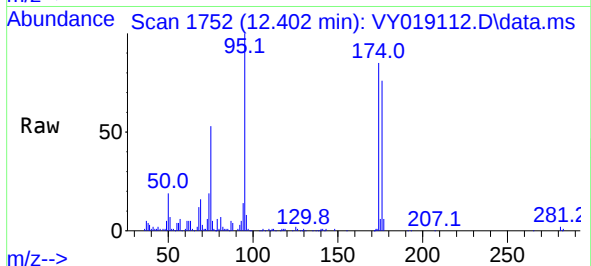




#81
trans-1,4-Dichloro-2-butene
Concen: 129.234 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

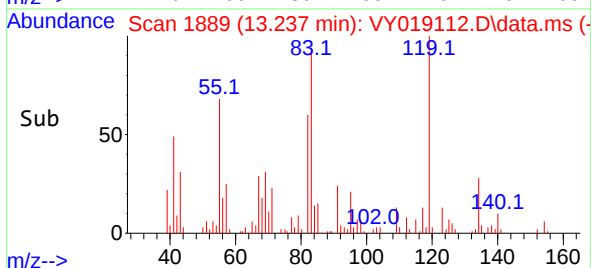
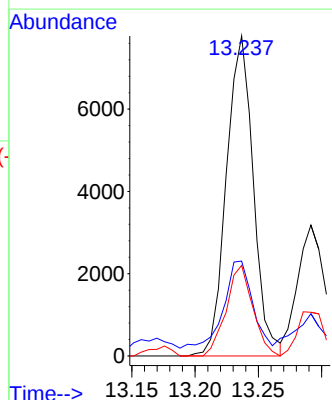
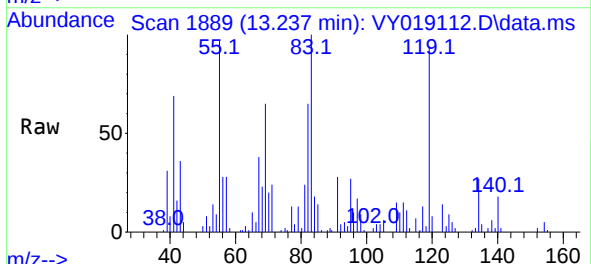
Instrument :
MSVOA_Y
ClientSampleId :

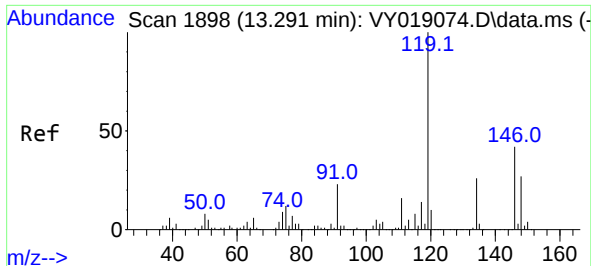
Tgt Ion: 75 Resp: 30732
Ion Ratio Lower Upper
75 100
53 0.6 66.8 100.2#
89 0.0 35.8 53.6#



#83
tert-Butylbenzene
Concen: 3.350 ug/l
RT: 13.237 min Scan# 1889
Delta R.T. 0.244 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

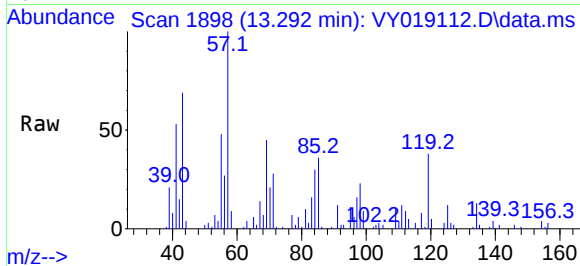
Tgt Ion: 119 Resp: 11505
Ion Ratio Lower Upper
119 100
91 28.6 31.3 93.8#
134 27.9 13.4 40.1



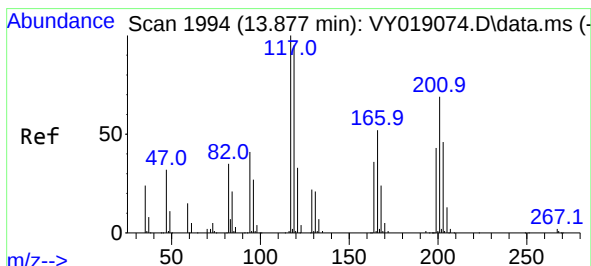
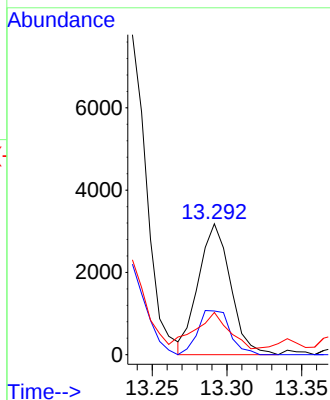
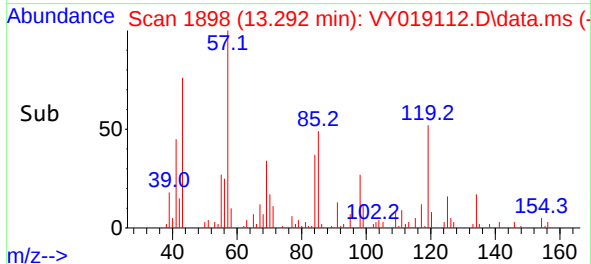


#86
p-Isopropyltoluene
Concen: 1.156 ug/l
RT: 13.292 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

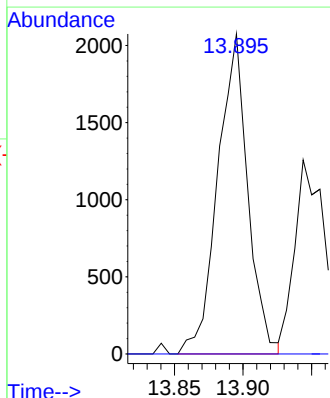
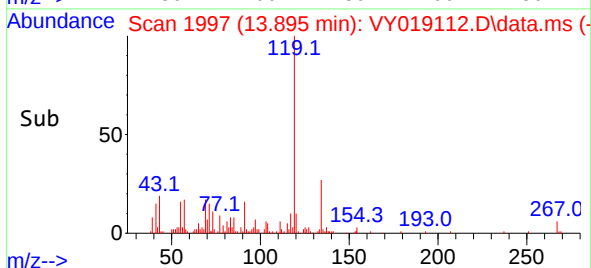
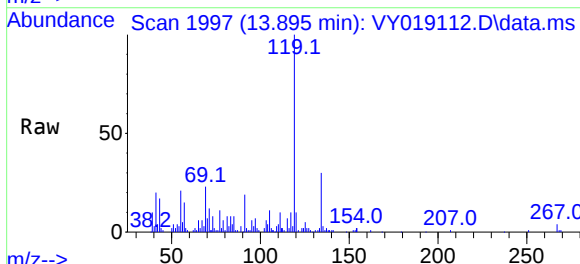


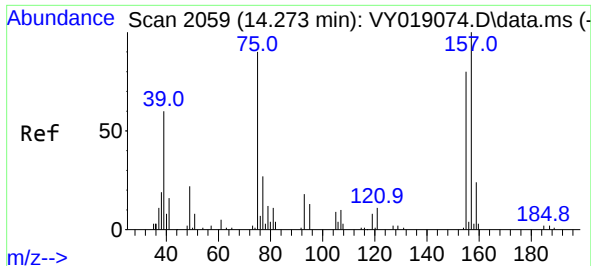
Tgt Ion:119 Resp: 4753
Ion Ratio Lower Upper
119 100
134 33.8 13.1 39.3
91 27.1 10.7 32.1



#90
Hexachloroethane
Concen: 3.910 ug/l
RT: 13.895 min Scan# 1997
Delta R.T. 0.019 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

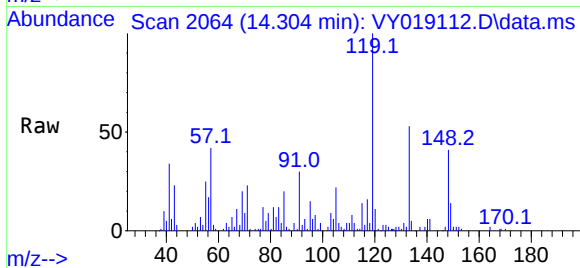
Tgt Ion:117 Resp: 3168
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#



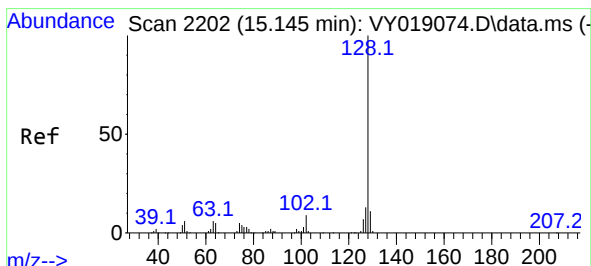
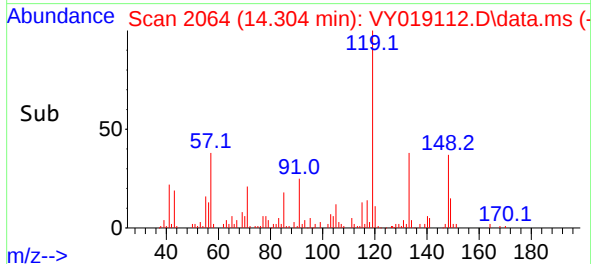
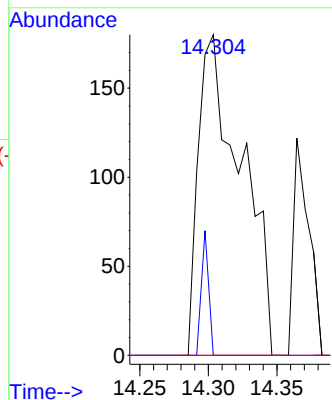


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.279 ug/l
RT: 14.304 min Scan# 2059
Delta R.T. 0.031 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

Instrument :
MSVOA_Y
ClientSampleId :

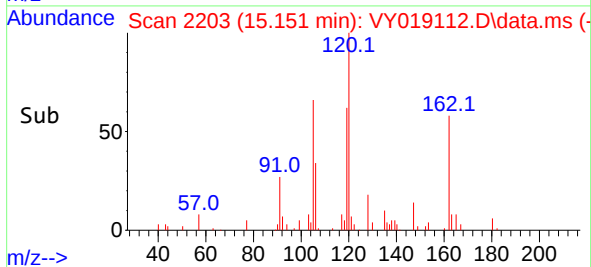
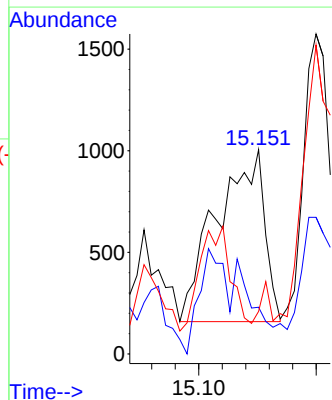
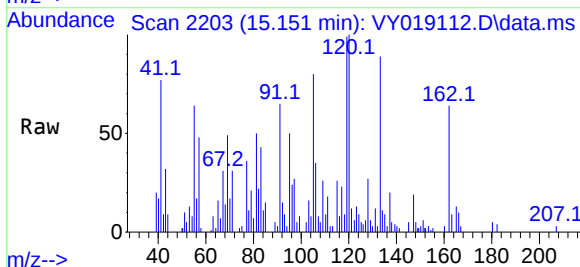


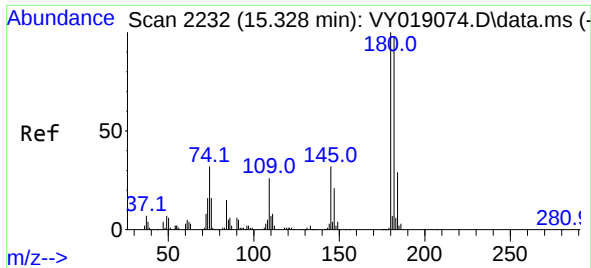
Tgt Ion: 75 Resp: 392
Ion Ratio Lower Upper
75 100
155 6.6 48.6 145.8#
157 0.0 62.7 188.2#



#95
Naphthalene
Concen: 1.249 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY019112.D
Acq: 19 Aug 2024 13:12

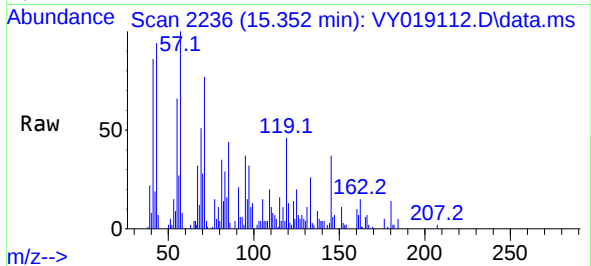
Tgt Ion: 128 Resp: 2390
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.044 ug/l
 RT: 15.352 min Scan# 21
 Delta R.T. 0.025 min
 Lab File: VY019112.D
 Acq: 19 Aug 2024 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	944
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.6	142.9#
145	0.0	15.4	46.1#

