

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019124.D
 Acq On : 19 Aug 2024 18:11
 Operator : SY/MD
 Sample : P3617-11
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

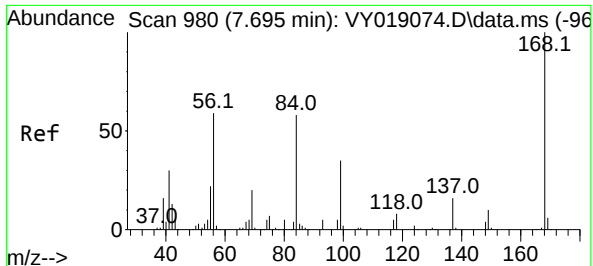
Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 01:48:54 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	7.695	168	20769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	31514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	26779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	7918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	9092	43.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.340%
35) Dibromofluoromethane	7.622	113	10699	51.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.840%
50) Toluene-d8	10.103	98	34582	46.636	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.401	95	8939	35.362	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.720%
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	236	Below Cal	#	50
6) Chloroethane	2.787	64	19	Below Cal	#	42
13) Acrolein	3.629	56	19	Below Cal	#	15
16) Acetone	3.842	43	104	2.694	ug/l #	36
20) Methylene Chloride	4.598	84	2015	Below Cal	#	89
31) Cyclohexane	7.689	56	426	Below Cal	#	1
36) 1,1-Dichloropropene	7.695	75	1738	6.142	ug/l #	40
38) Carbon Tetrachloride	7.695	117	1986	6.056	ug/l #	17
51) 4-Methyl-2-Pentanone	10.097	43	227	1.687	ug/l #	18
76) 1,2,3-Trichloropropane	12.401	75	4746	60.779	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	4746	150.104	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.456	75	19	1.195	ug/l #	1

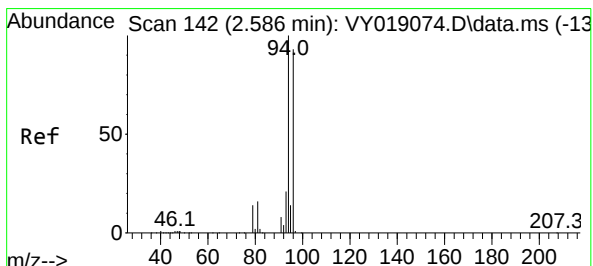
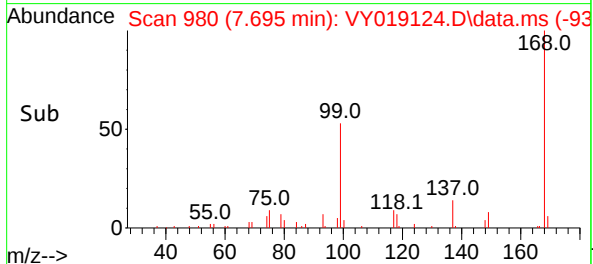
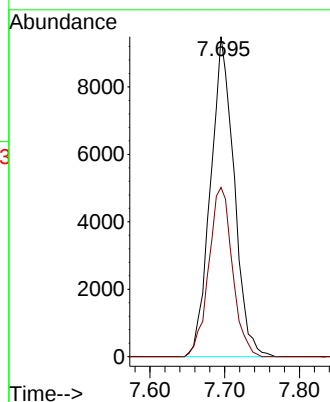
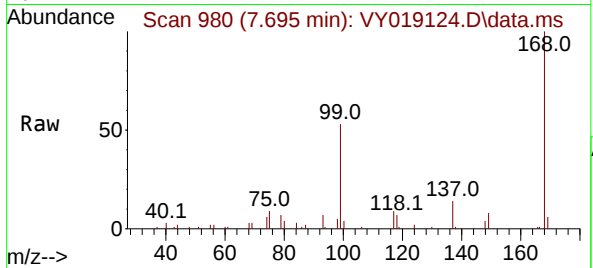
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

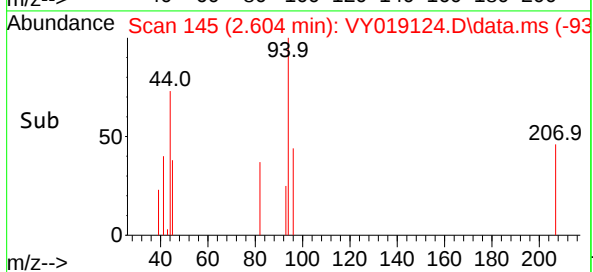
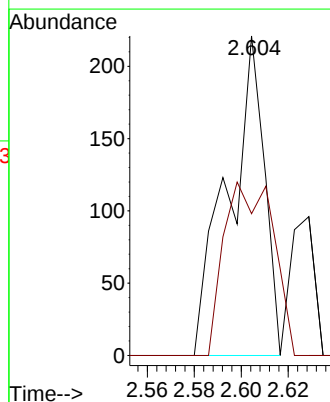
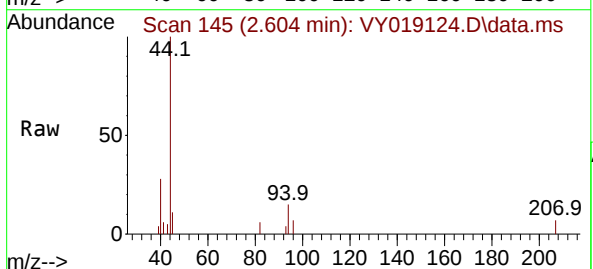
Instrument :
MSVOA_Y
ClientSampleId :

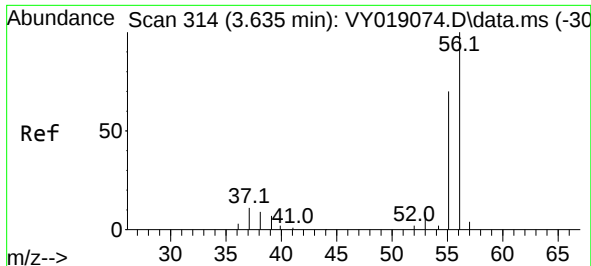
Tgt Ion:168 Resp: 20769
Ion Ratio Lower Upper
168 100
99 52.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

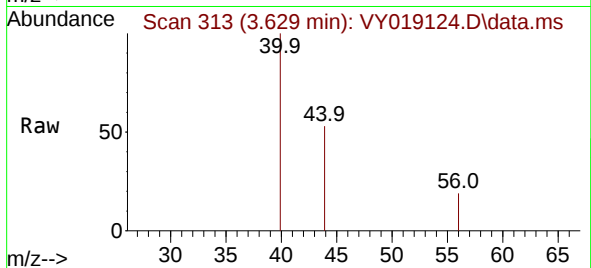
Tgt Ion: 94 Resp: 236
Ion Ratio Lower Upper
94 100
96 44.3 74.1 111.1#



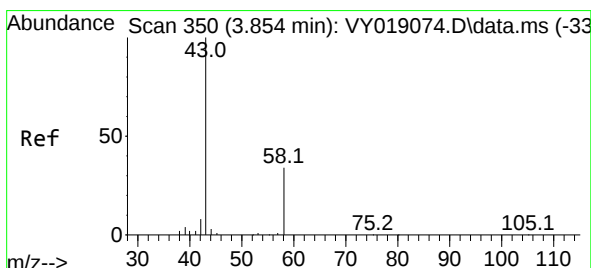
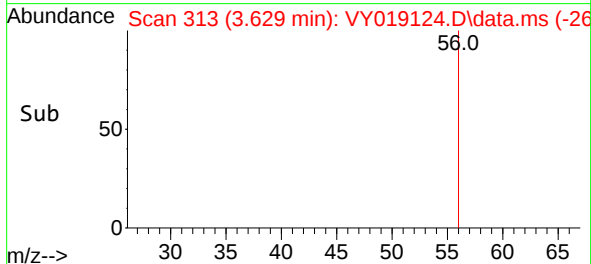
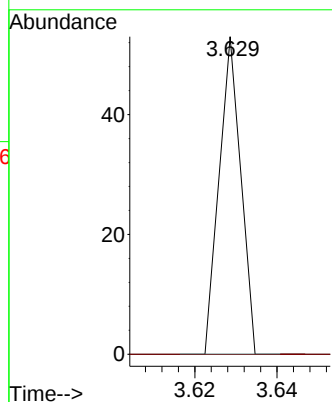


#13
Acrolein
Concen: Below Cal
RT: 3.629 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :

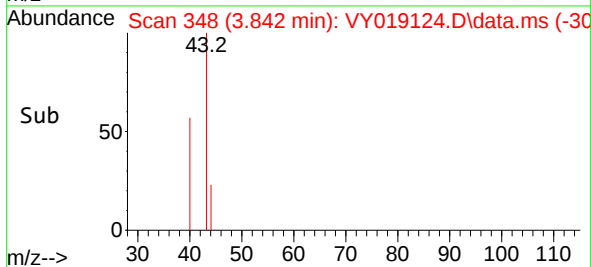
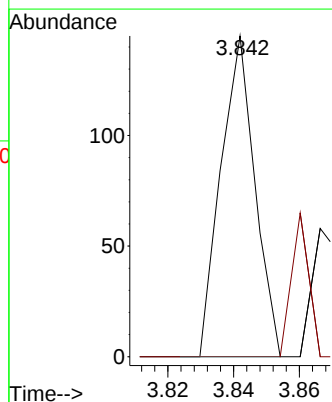
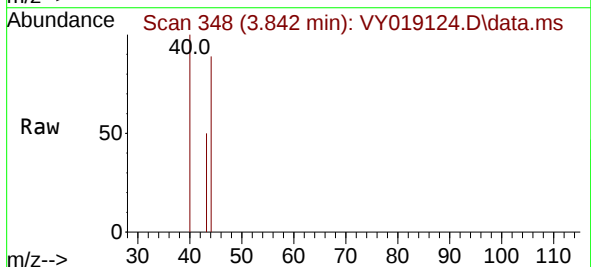


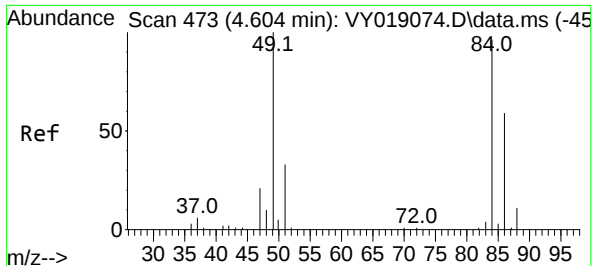
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 2.694 ug/l
RT: 3.842 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 41

Delta R.T. -0.006 min

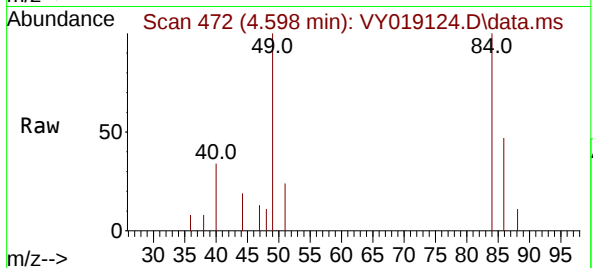
Lab File: VY019124.D

Acq: 19 Aug 2024 18:11

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 2015

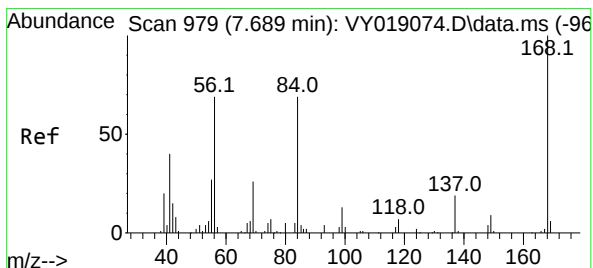
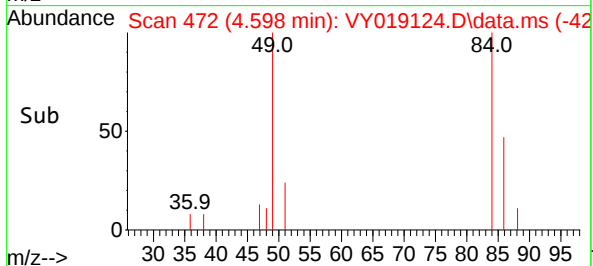
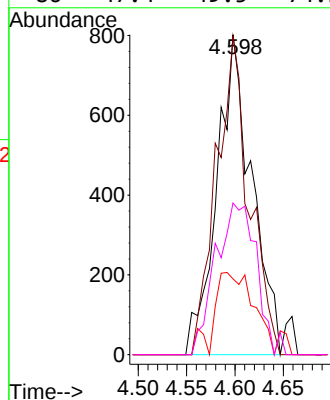
Ion Ratio Lower Upper

84 100

49 99.5 84.4 126.6

51 23.7 26.0 39.0#

86 47.4 49.5 74.3#



#31

Cyclohexane

Concen: Below Cal

RT: 7.689 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY019124.D

Acq: 19 Aug 2024 18:11

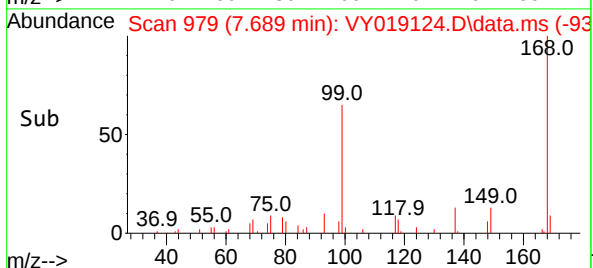
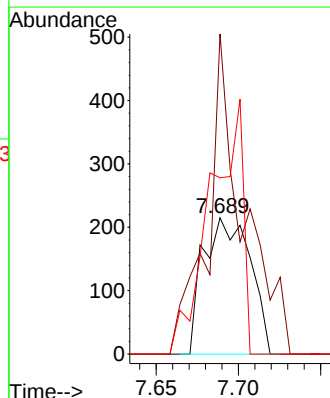
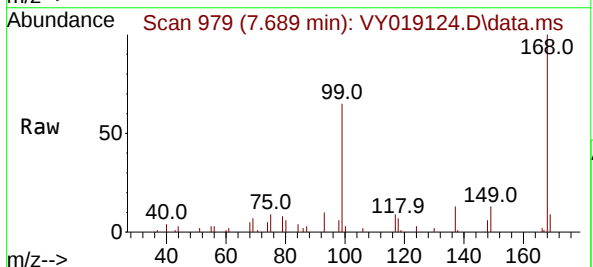
Tgt Ion: 56 Resp: 426

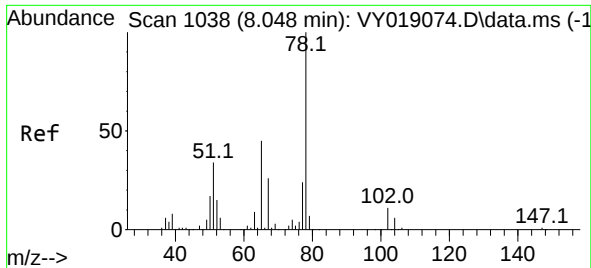
Ion Ratio Lower Upper

56 100

69 198.6 28.7 43.1#

84 129.3 77.7 116.5#

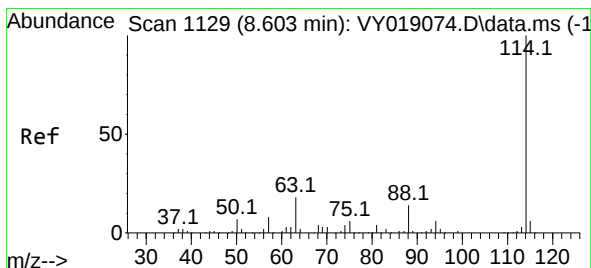
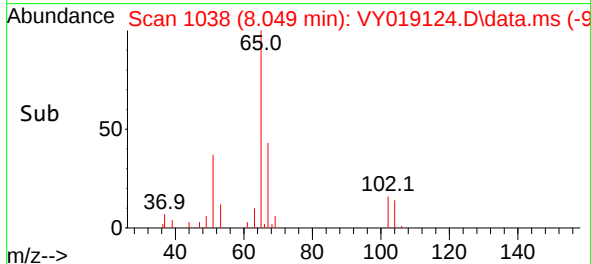
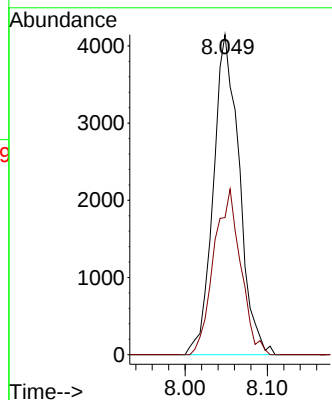
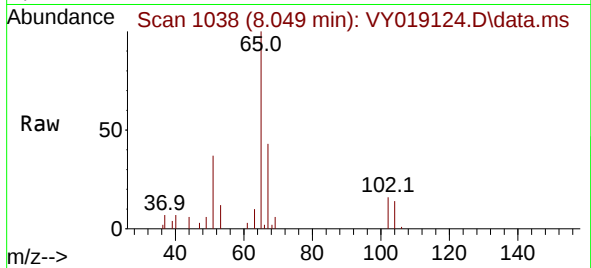




#33
 1,2-Dichloroethane-d4
 Concen: 43.671 ug/l
 RT: 8.049 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VY019124.D
 Acq: 19 Aug 2024 18:11

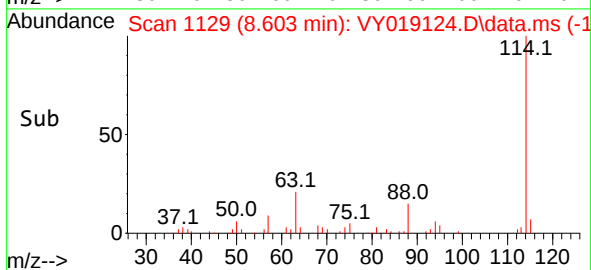
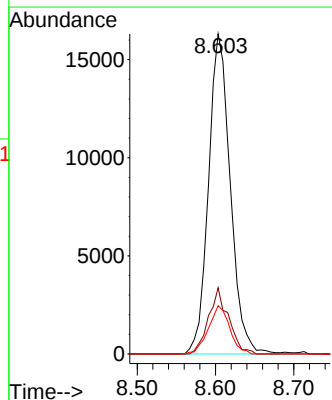
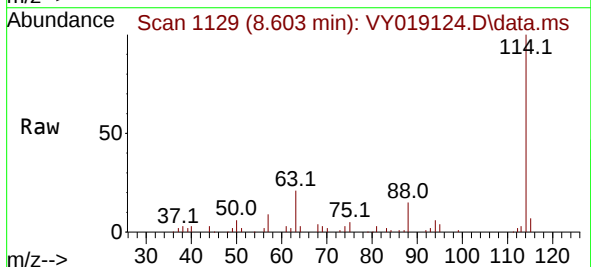
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 9092
 Ion Ratio Lower Upper
 65 100
 67 53.6 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: VY019124.D
 Acq: 19 Aug 2024 18:11

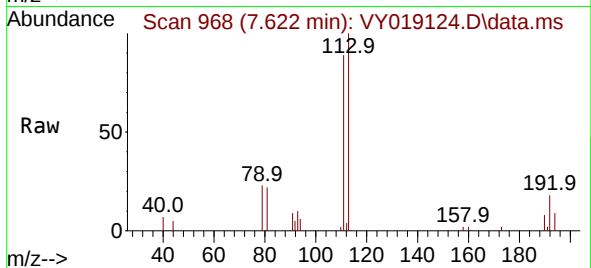
Tgt Ion: 114 Resp: 31514
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 35.0
 88 15.1 0.0 27.2



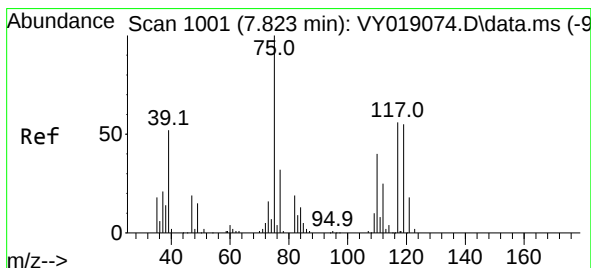
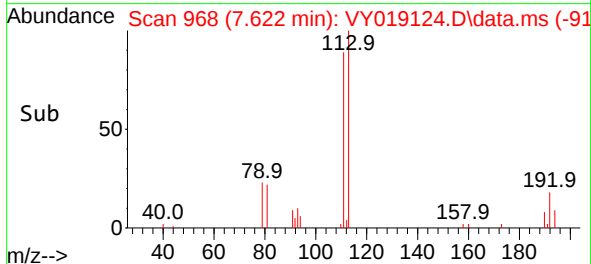
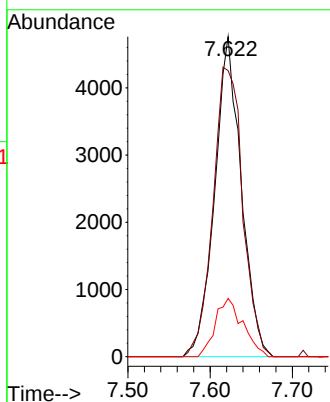


#35
Dibromofluoromethane
Concen: 51.922 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :

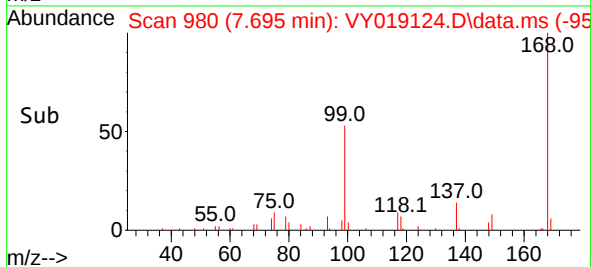
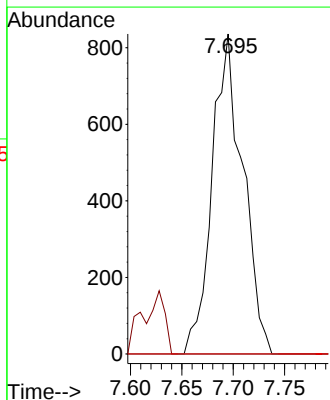
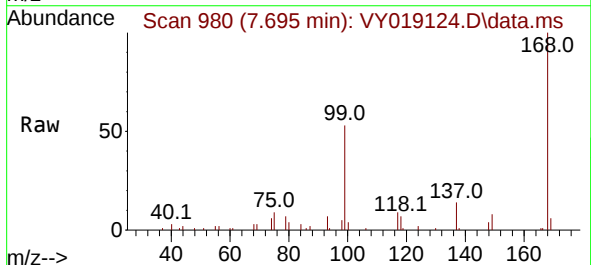


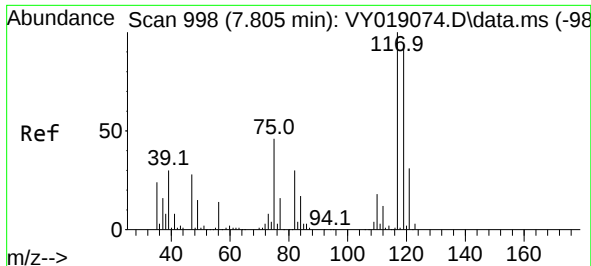
Tgt Ion:113 Resp: 10699
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.142 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

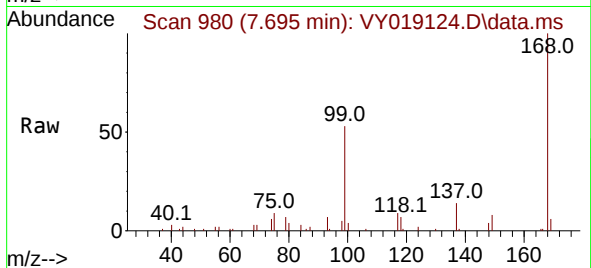
Tgt Ion: 75 Resp: 1738
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



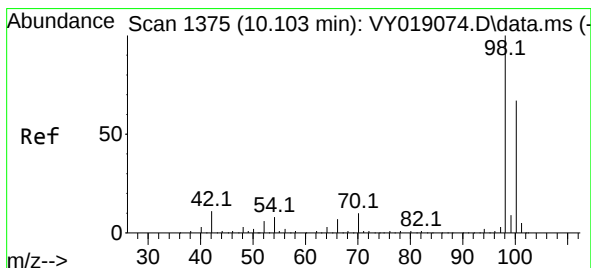
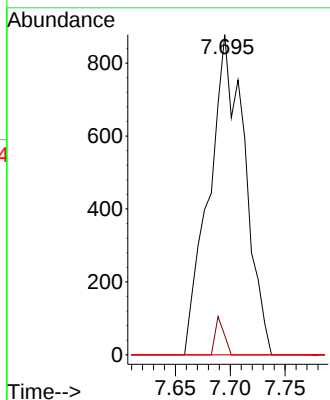
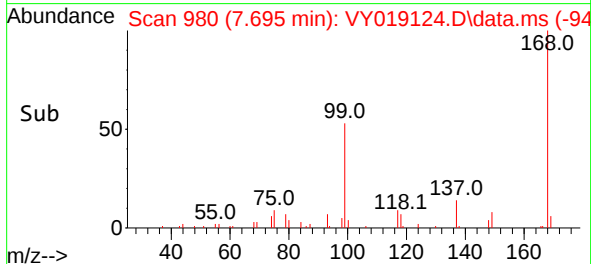


#38
Carbon Tetrachloride
Concen: 6.056 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :

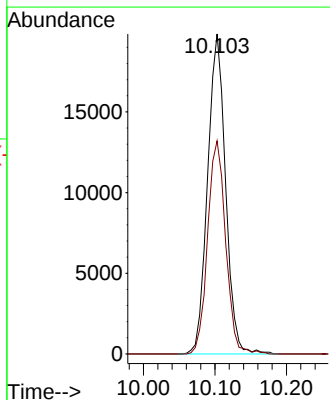
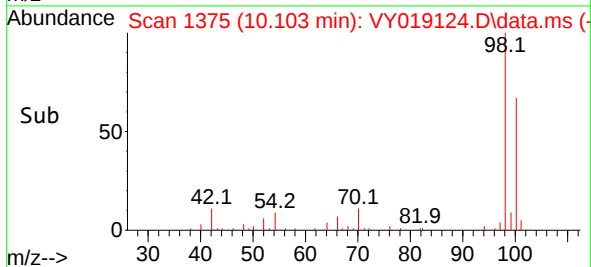
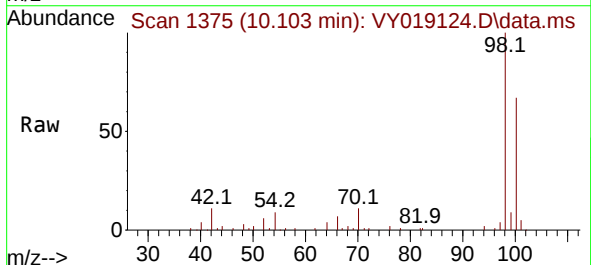


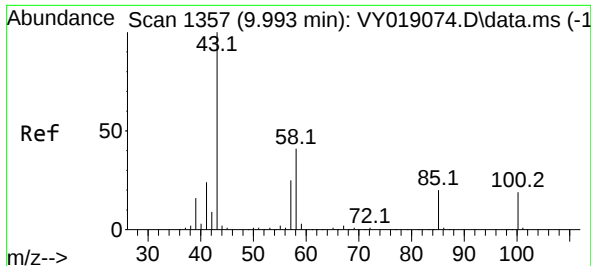
Tgt Ion:117 Resp: 1986
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.636 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

Tgt Ion: 98 Resp: 34582
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.687 ug/l

RT: 10.097 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY019124.D

Acq: 19 Aug 2024 18:11

Instrument :

MSVOA_Y

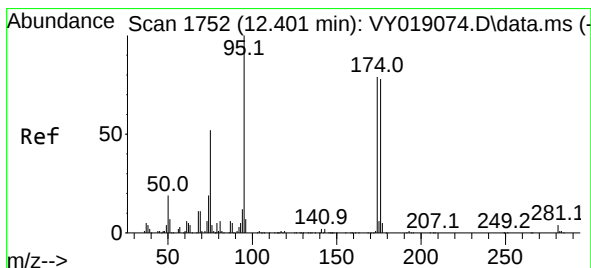
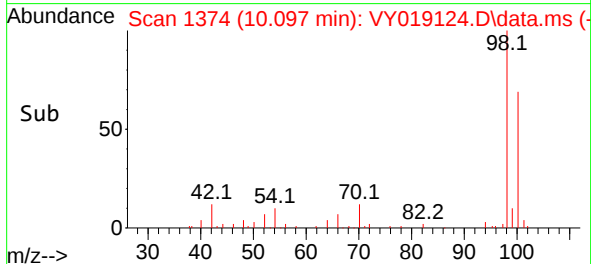
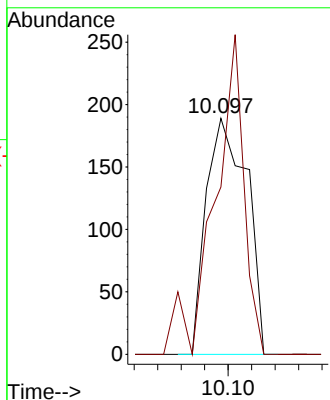
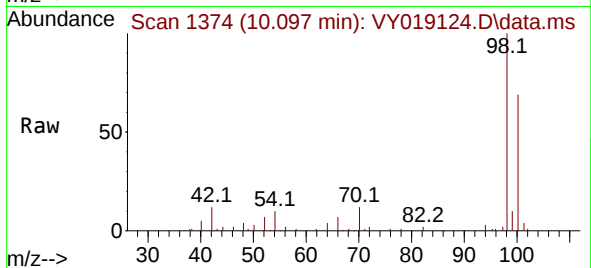
ClientSampleId :

Tgt Ion: 43 Resp: 227

Ion Ratio Lower Upper

43 100

58 98.2 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 35.362 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019124.D

Acq: 19 Aug 2024 18:11

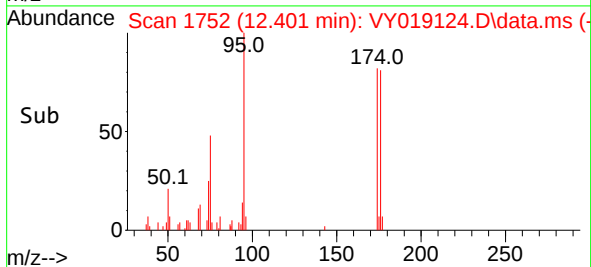
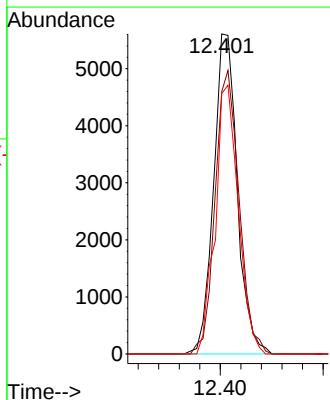
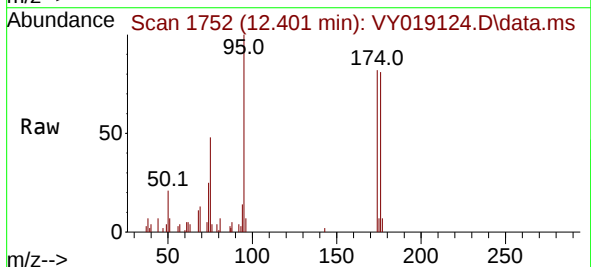
Tgt Ion: 95 Resp: 8939

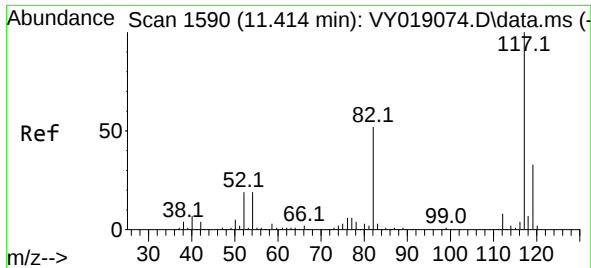
Ion Ratio Lower Upper

95 100

174 89.8 0.0 175.6

176 82.2 0.0 171.4

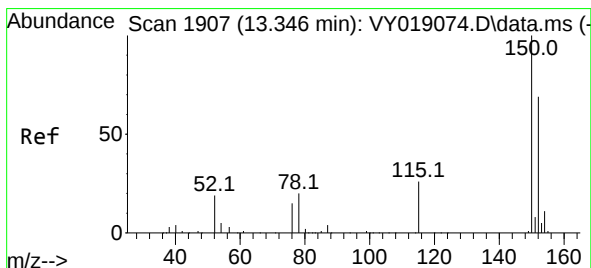
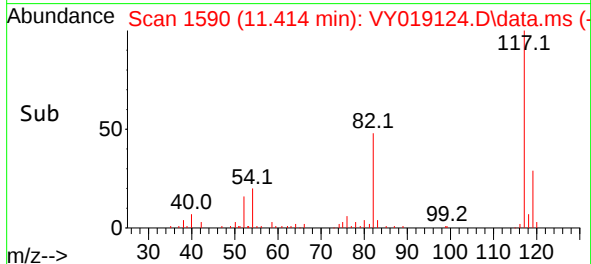
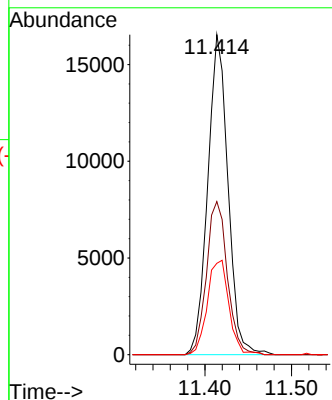
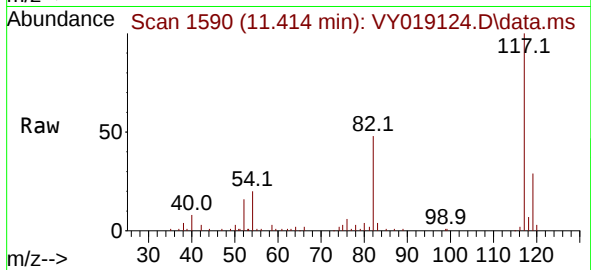




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

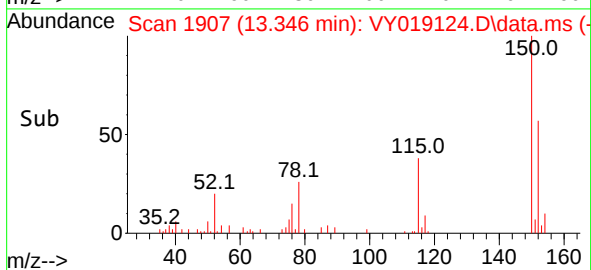
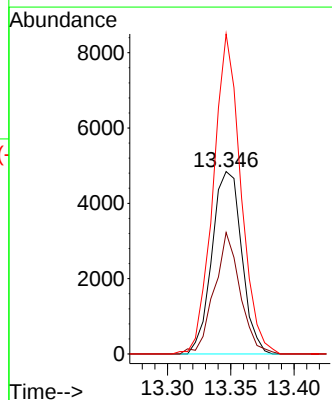
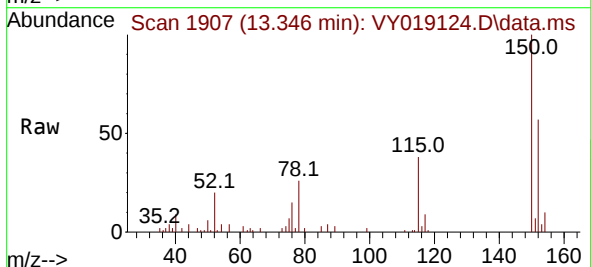
Instrument :
MSVOA_Y
ClientSampleId :

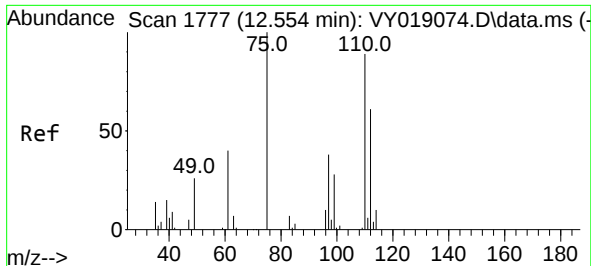
Tgt Ion:117 Resp: 26779
Ion Ratio Lower Upper
117 100
82 47.9 42.4 63.6
119 28.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

Tgt Ion:152 Resp: 7918
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 162.6 0.0 345.6

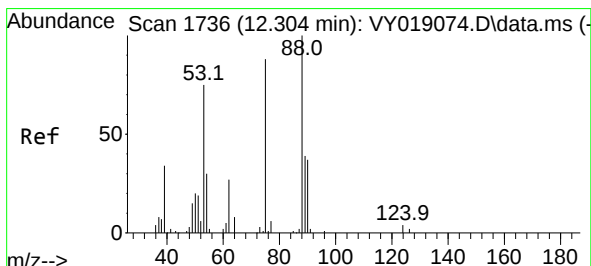
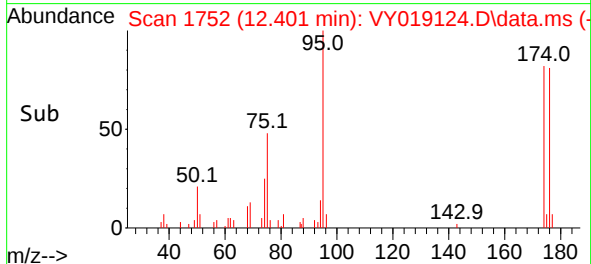
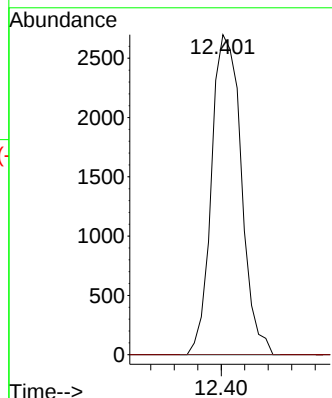
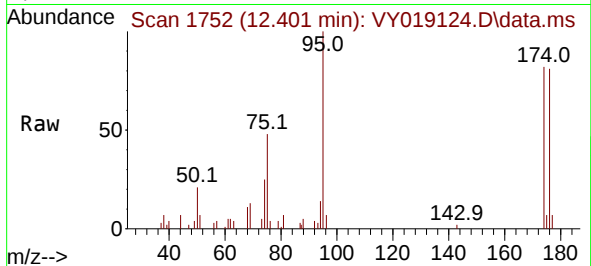




#76
1,2,3-Trichloropropane
Concen: 60.779 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

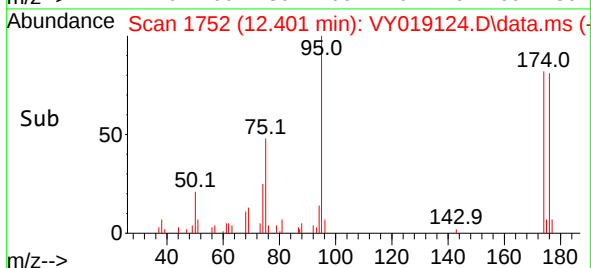
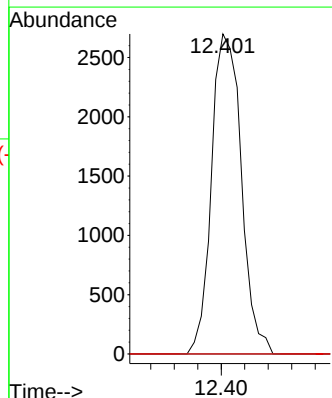
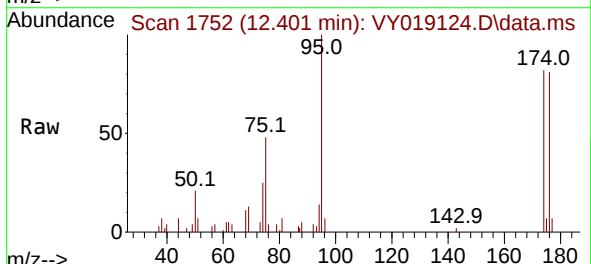
Instrument :
MSVOA_Y
ClientSampleId :

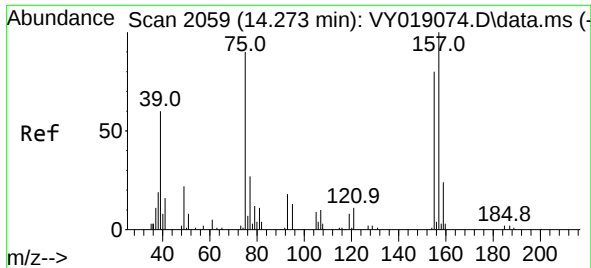
Tgt Ion: 75 Resp: 4746
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 150.104 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019124.D
Acq: 19 Aug 2024 18:11

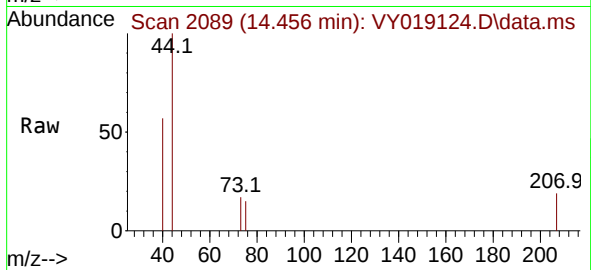
Tgt Ion: 75 Resp: 4746
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.195 ug/l
 RT: 14.456 min Scan# 20
 Delta R.T. 0.183 min
 Lab File: VY019124.D
 Acq: 19 Aug 2024 18:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75	Resp:	19
Ion Ratio	Lower	Upper
75	100	
155	0.0	48.6 145.8#
157	0.0	62.7 188.2#

