

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019199.D
 Acq On : 22 Aug 2024 04:57
 Operator : SY/MD
 Sample : P3671-05
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

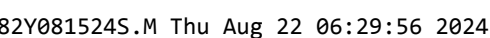
Quant Time: Aug 22 06:29:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

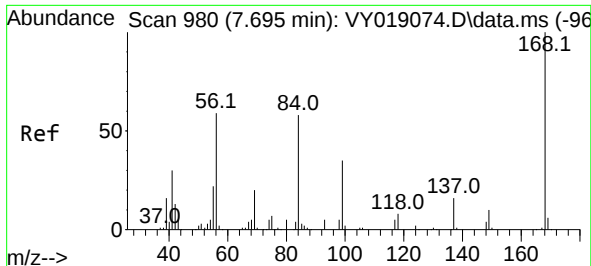
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	81637	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.609	114	146493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	122862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	38679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	42446	51.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.740%	
35) Dibromofluoromethane	7.634	113	48168	50.287	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.580%	
50) Toluene-d8	10.109	98	161402	46.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.640%	
62) 4-Bromofluorobenzene	12.408	95	42871	36.484	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 72.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	252	Below Cal	#	51
6) Chloroethane	2.867	64	37	Below Cal	#	1
11) Tert butyl alcohol	4.854	59	41	Below Cal	#	88
20) Methylene Chloride	4.610	84	2560	Below Cal		95
31) Cyclohexane	7.707	56	1790	Below Cal	#	40
36) 1,1-Dichloropropene	7.701	75	5870	4.463	ug/l #	44
38) Carbon Tetrachloride	7.707	117	8380	5.498	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	828	1.324	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	23064	60.465	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	23064	149.328	ug/l #	16

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

Quant Time: Aug 22 06:29:47 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

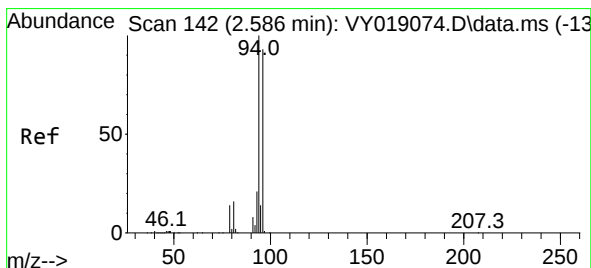
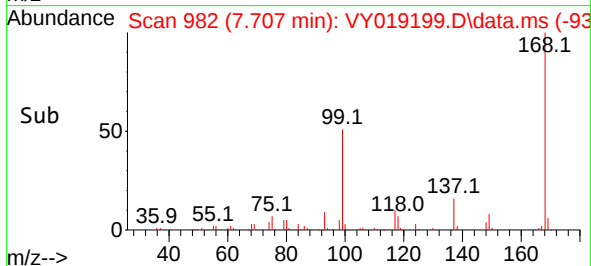
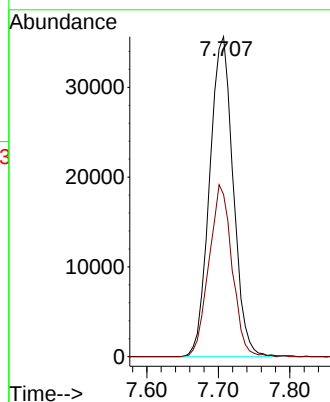
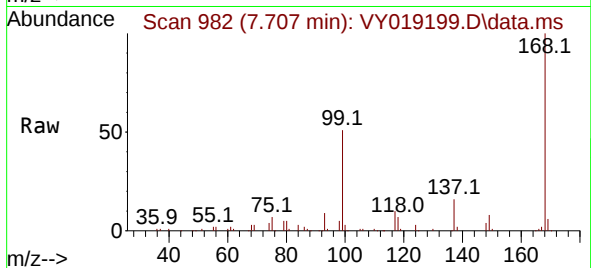




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019199.D
Acq: 22 Aug 2024 04:57

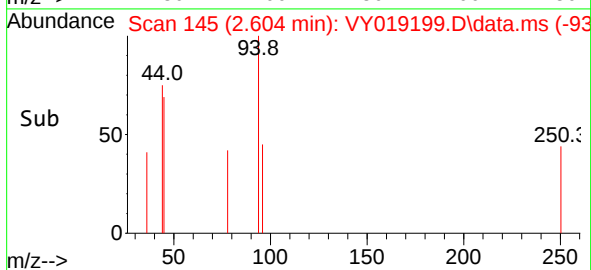
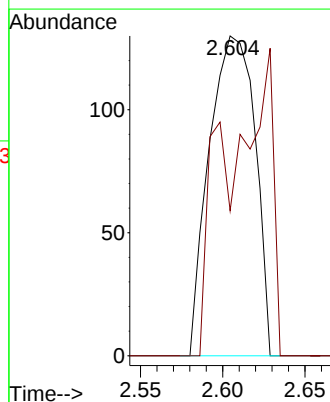
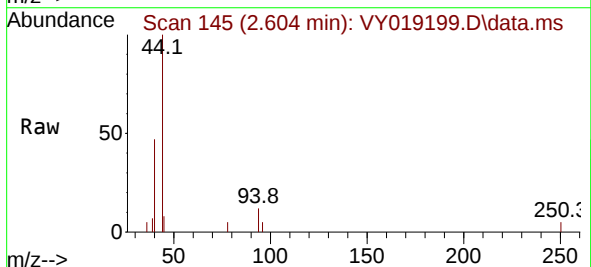
Instrument :
MSVOA_Y
ClientSampleId :

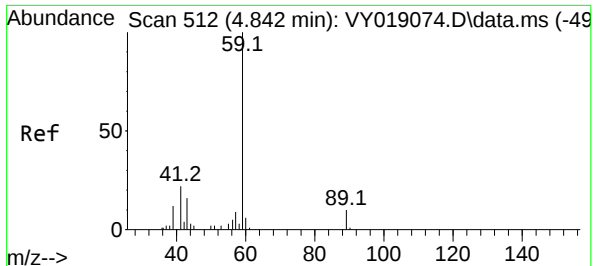
Tgt Ion:168 Resp: 81637
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019199.D
Acq: 22 Aug 2024 04:57

Tgt Ion: 94 Resp: 252
Ion Ratio Lower Upper
94 100
96 45.4 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.854 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY019199.D

Acq: 22 Aug 2024 04:57

Instrument :

MSVOA_Y

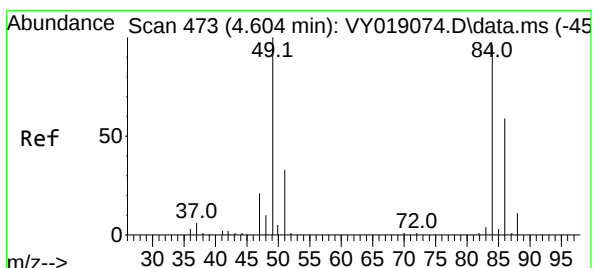
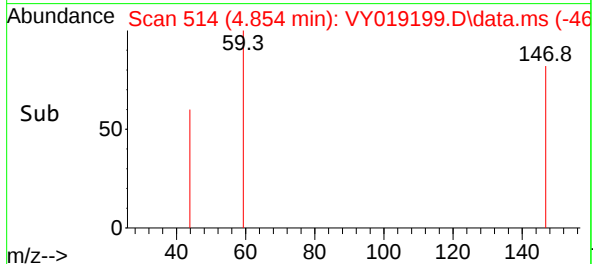
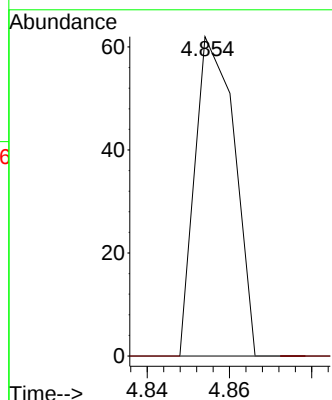
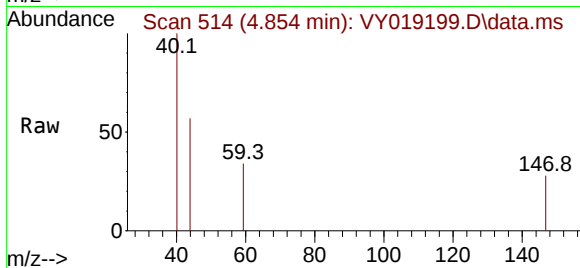
ClientSampleId :

Tgt Ion: 59 Resp: 41

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019199.D

Acq: 22 Aug 2024 04:57

Tgt Ion: 84 Resp: 2560

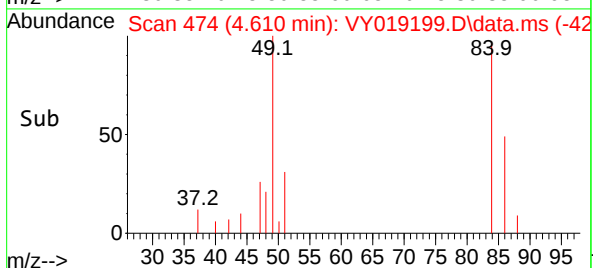
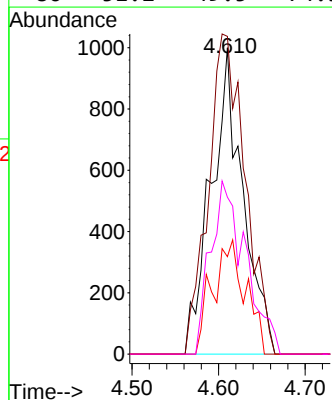
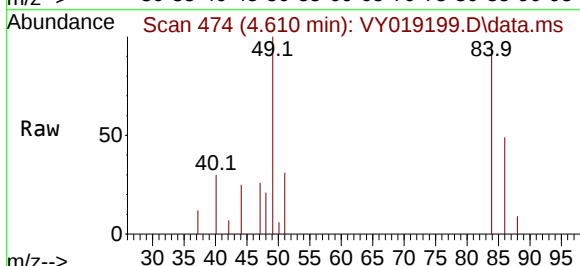
Ion Ratio Lower Upper

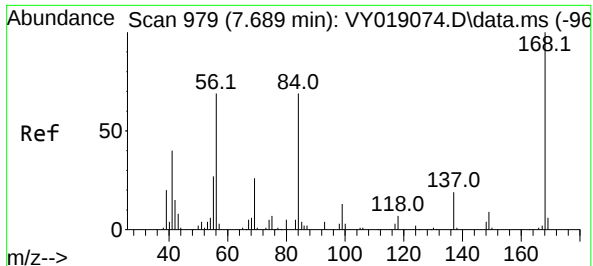
84 100

49 103.7 84.4 126.6

51 31.8 26.0 39.0

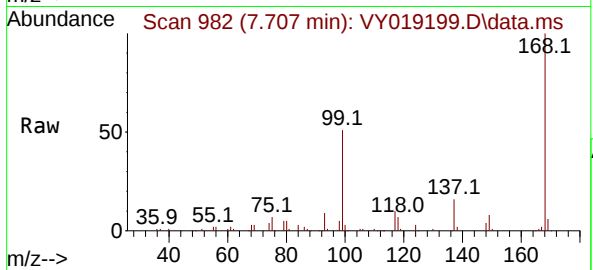
86 51.2 49.5 74.3



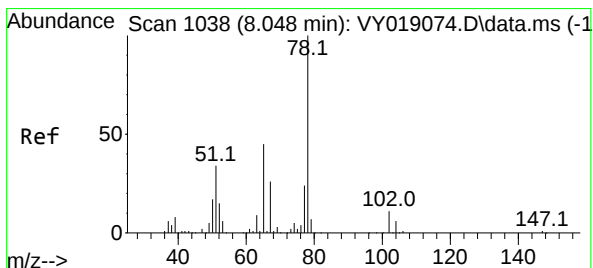
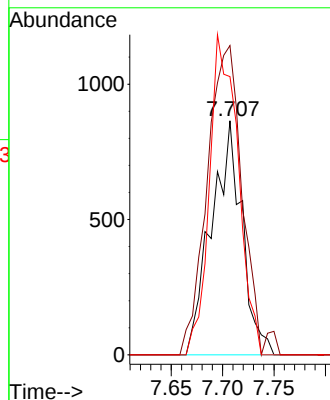
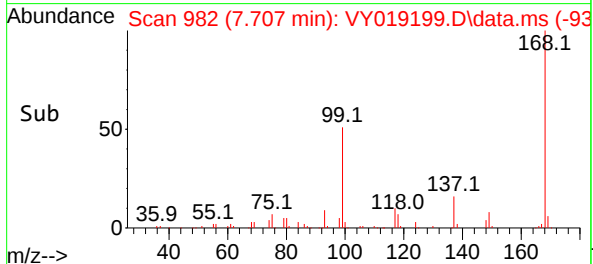


#31
Cyclohexane
Concen: Below Cal
RT: 7.707 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY019199.D
Acq: 22 Aug 2024 04:57

Instrument :
MSVOA_Y
ClientSampleId :

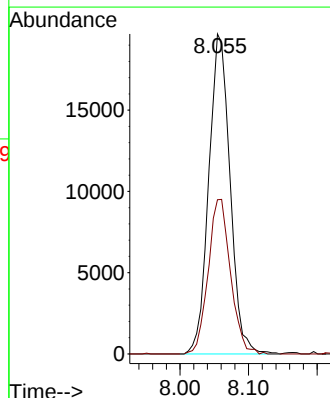
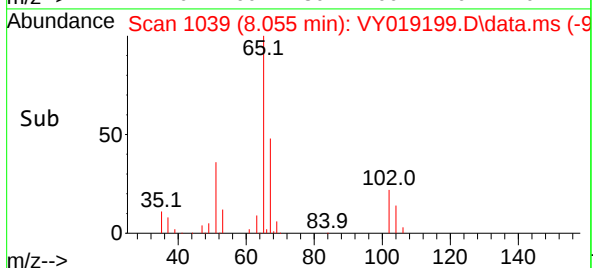
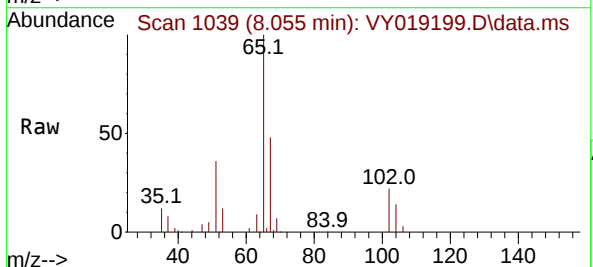


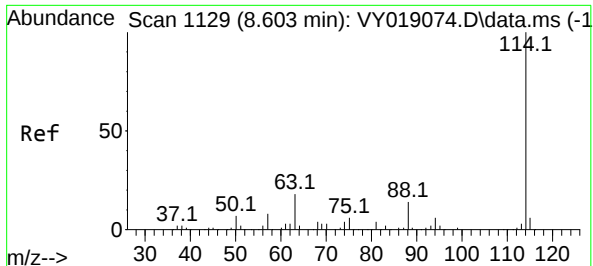
Tgt Ion: 56 Resp: 1790
Ion Ratio Lower Upper
56 100
69 132.1 28.7 43.1#
84 118.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.868 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019199.D
Acq: 22 Aug 2024 04:57

Tgt Ion: 65 Resp: 42446
Ion Ratio Lower Upper
65 100
67 50.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019199.D

Acq: 22 Aug 2024 04:57

Instrument :

MSVOA_Y

ClientSampleId :

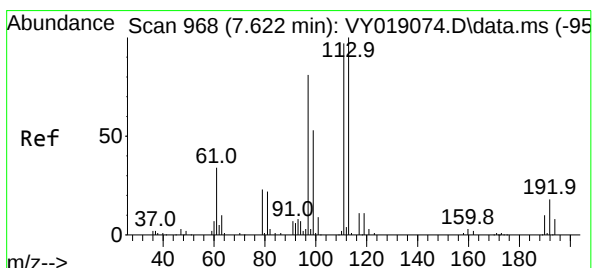
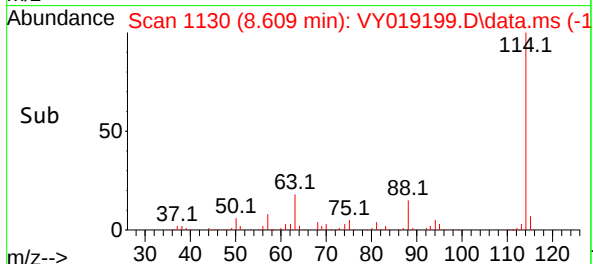
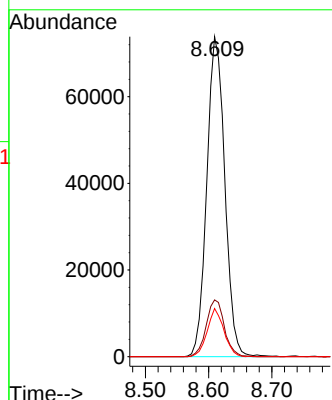
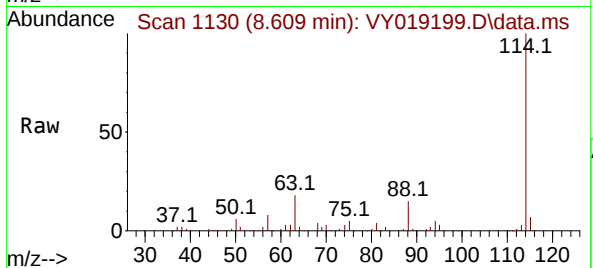
Tgt Ion:114 Resp: 146493

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.287 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.012 min

Lab File: VY019199.D

Acq: 22 Aug 2024 04:57

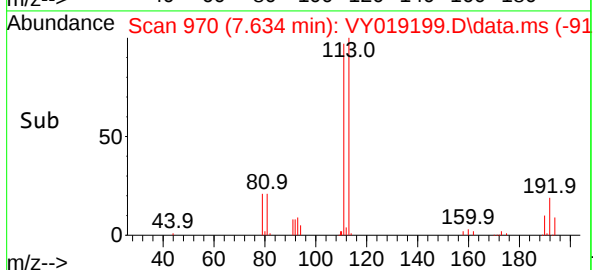
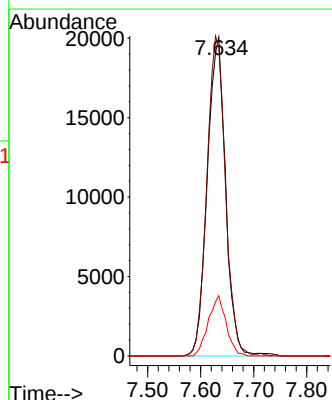
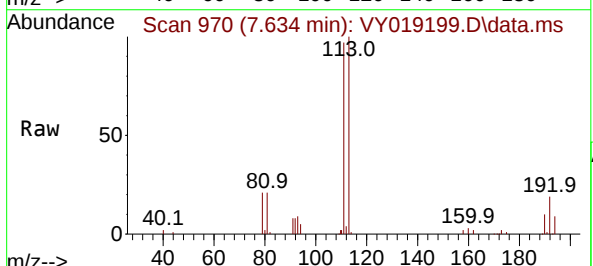
Tgt Ion:113 Resp: 48168

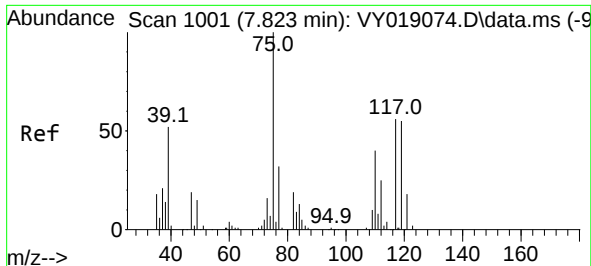
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 18.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.463 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY019199.D

Acq: 22 Aug 2024 04:57

Instrument :

MSVOA_Y

ClientSampleId :

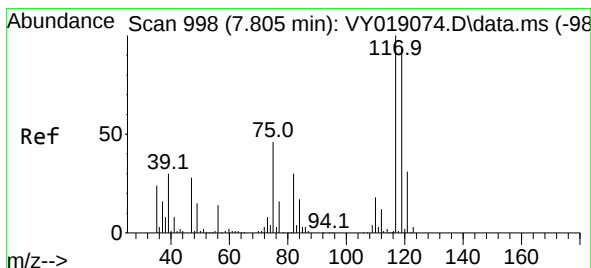
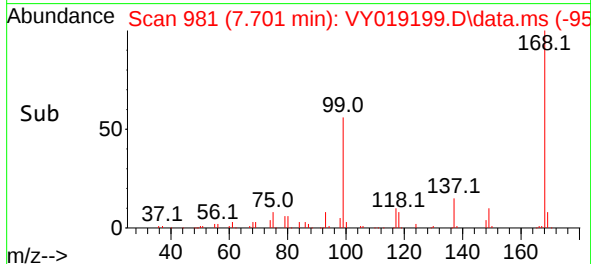
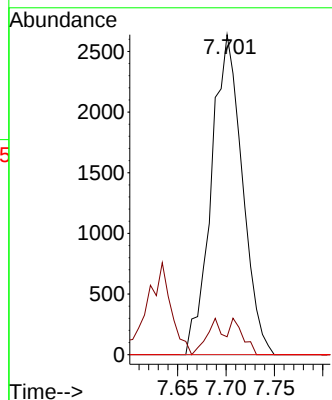
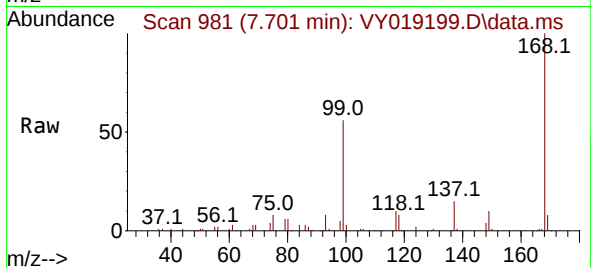
Tgt Ion: 75 Resp: 5870

Ion Ratio Lower Upper

75 100

110 4.6 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.498 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.097 min

Lab File: VY019199.D

Acq: 22 Aug 2024 04:57

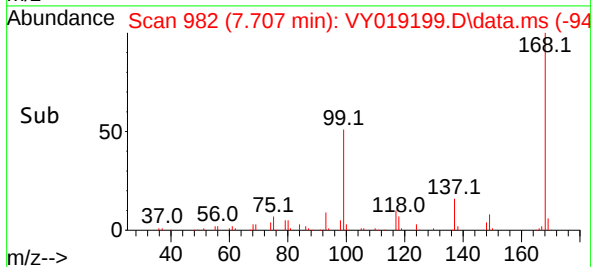
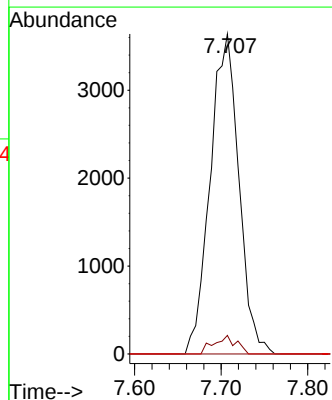
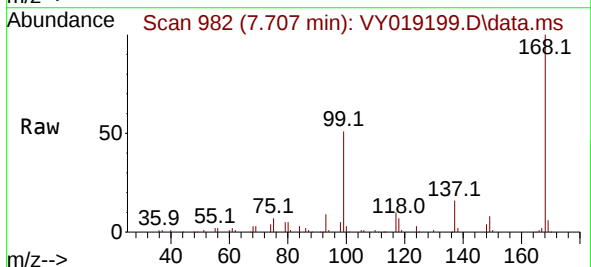
Tgt Ion: 117 Resp: 8380

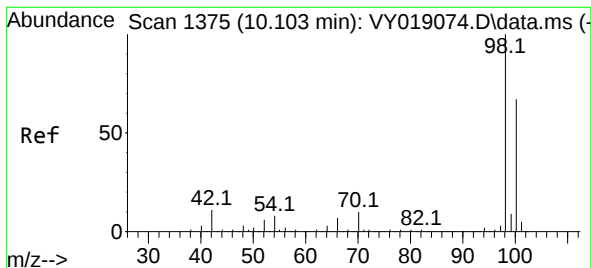
Ion Ratio Lower Upper

117 100

119 5.8 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.824 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019199.D

Acq: 22 Aug 2024 04:57

Instrument :

MSVOA_Y

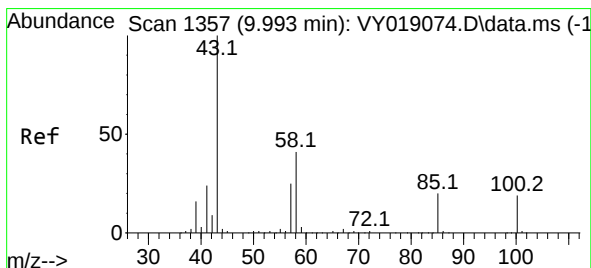
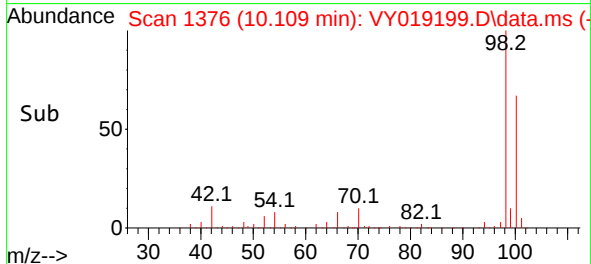
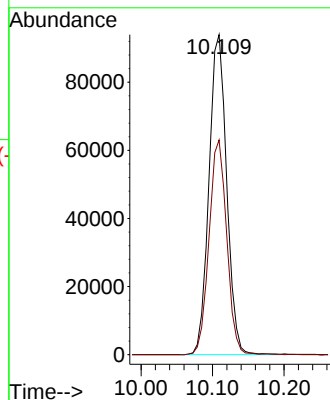
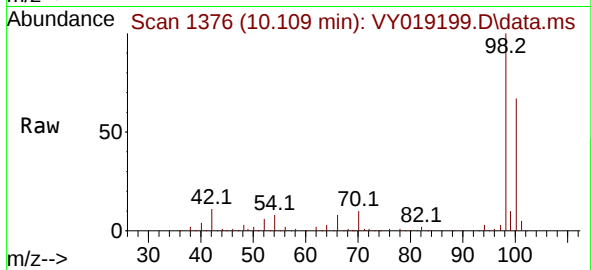
ClientSampleId :

Tgt Ion: 98 Resp: 161402

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.324 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.110 min

Lab File: VY019199.D

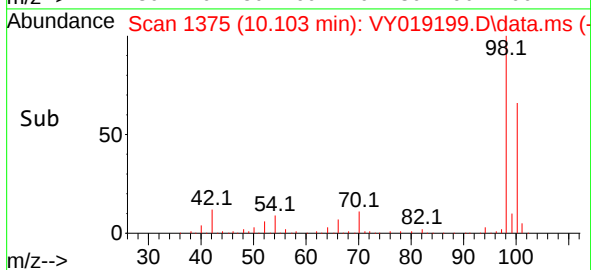
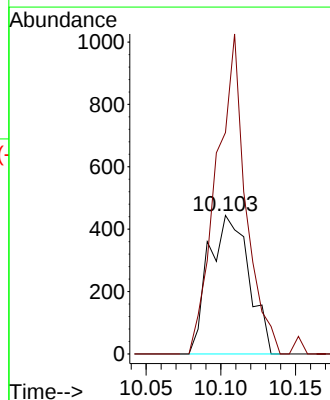
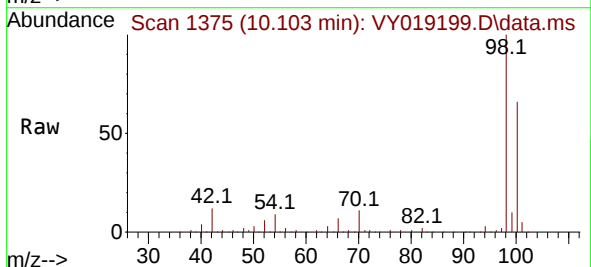
Acq: 22 Aug 2024 04:57

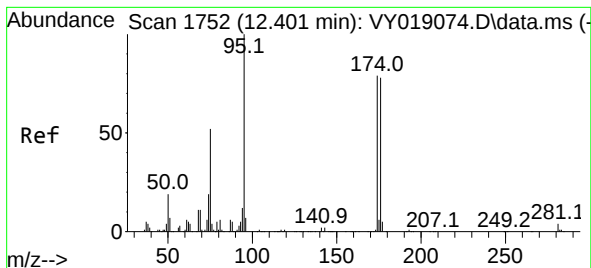
Tgt Ion: 43 Resp: 828

Ion Ratio Lower Upper

43 100

58 169.7 35.7 53.5#

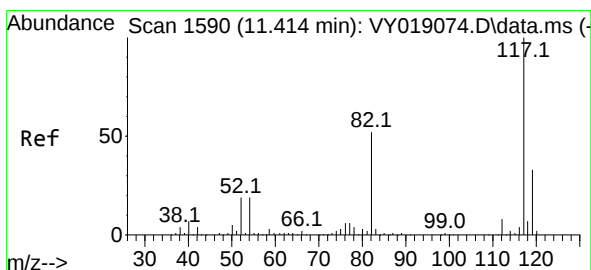
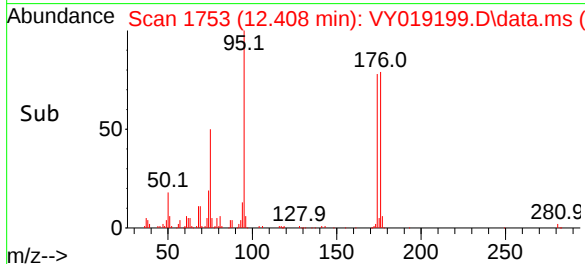
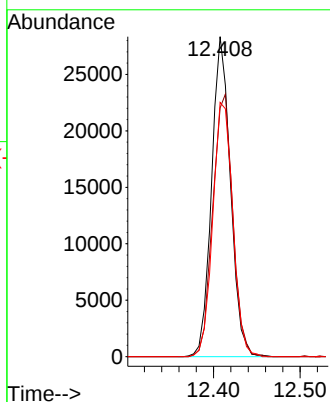
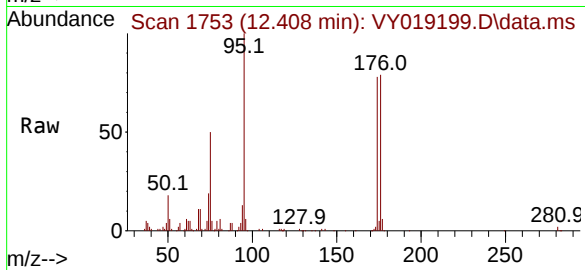




#62
4-Bromofluorobenzene
Concen: 36.484 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019199.D
Acq: 22 Aug 2024 04:57

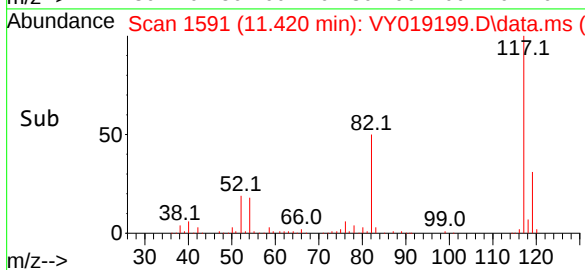
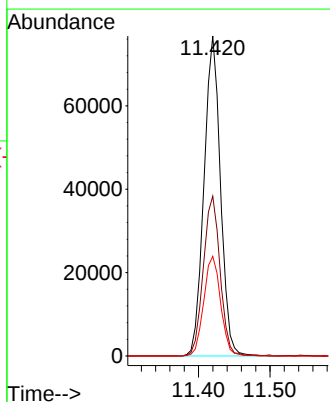
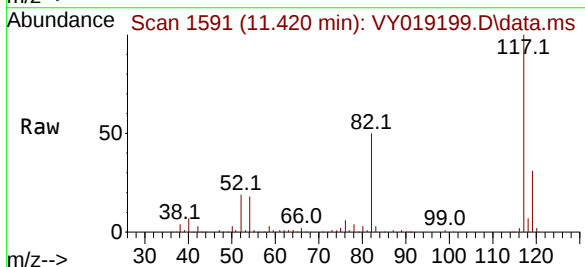
Instrument :
MSVOA_Y
ClientSampleId :

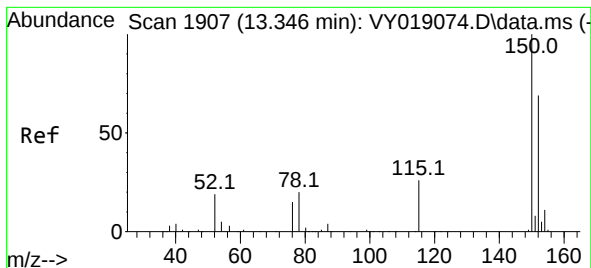
Tgt Ion: 95 Resp: 42871
Ion Ratio Lower Upper
95 100
174 87.1 0.0 175.6
176 84.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019199.D
Acq: 22 Aug 2024 04:57

Tgt Ion: 117 Resp: 122862
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 31.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY019199.D

Acq: 22 Aug 2024 04:57

Instrument :

MSVOA_Y

ClientSampleId :

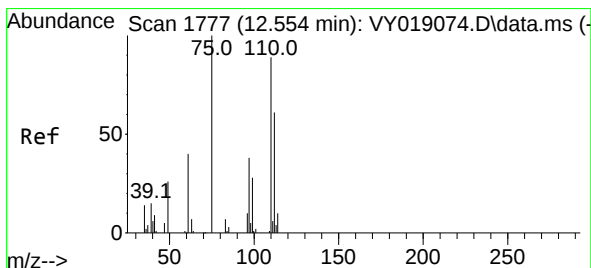
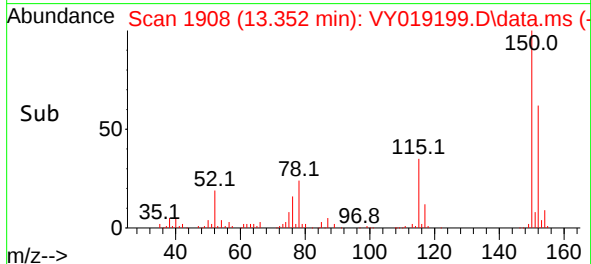
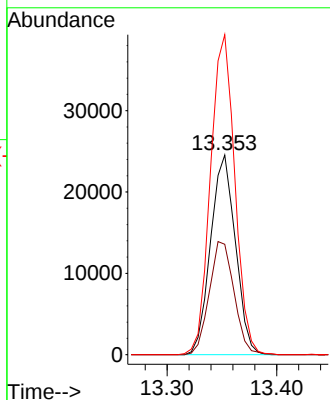
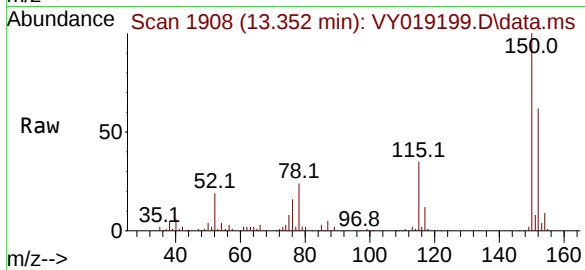
Tgt Ion:152 Resp: 38679

Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 156.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 60.465 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019199.D

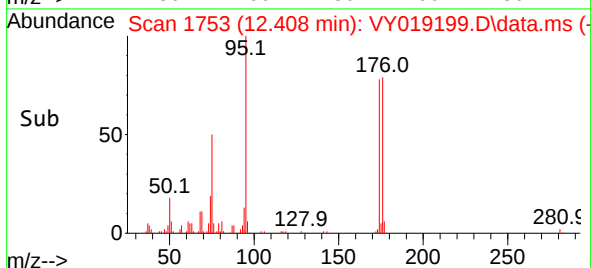
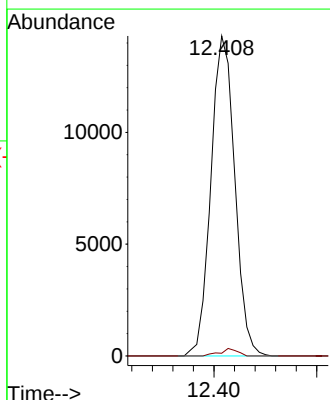
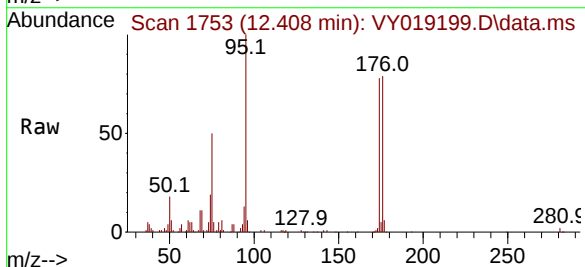
Acq: 22 Aug 2024 04:57

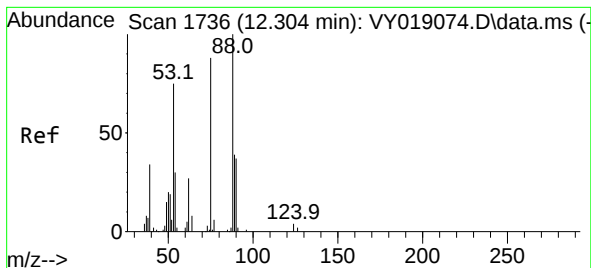
Tgt Ion: 75 Resp: 23064

Ion Ratio Lower Upper

75 100

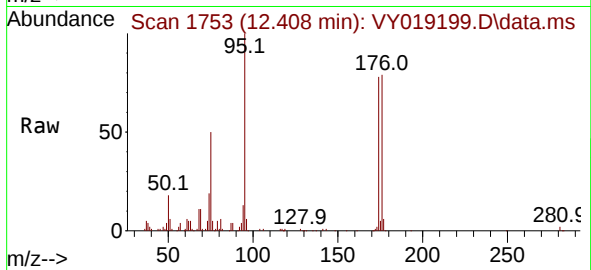
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.328 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019199.D
 Acq: 22 Aug 2024 04:57

Instrument :
 MSVOA_Y
 ClientSampleId :



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

