

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019914.D
 Acq On : 16 Oct 2024 14:44
 Operator : SY/MD
 Sample : P4410-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 01:52:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

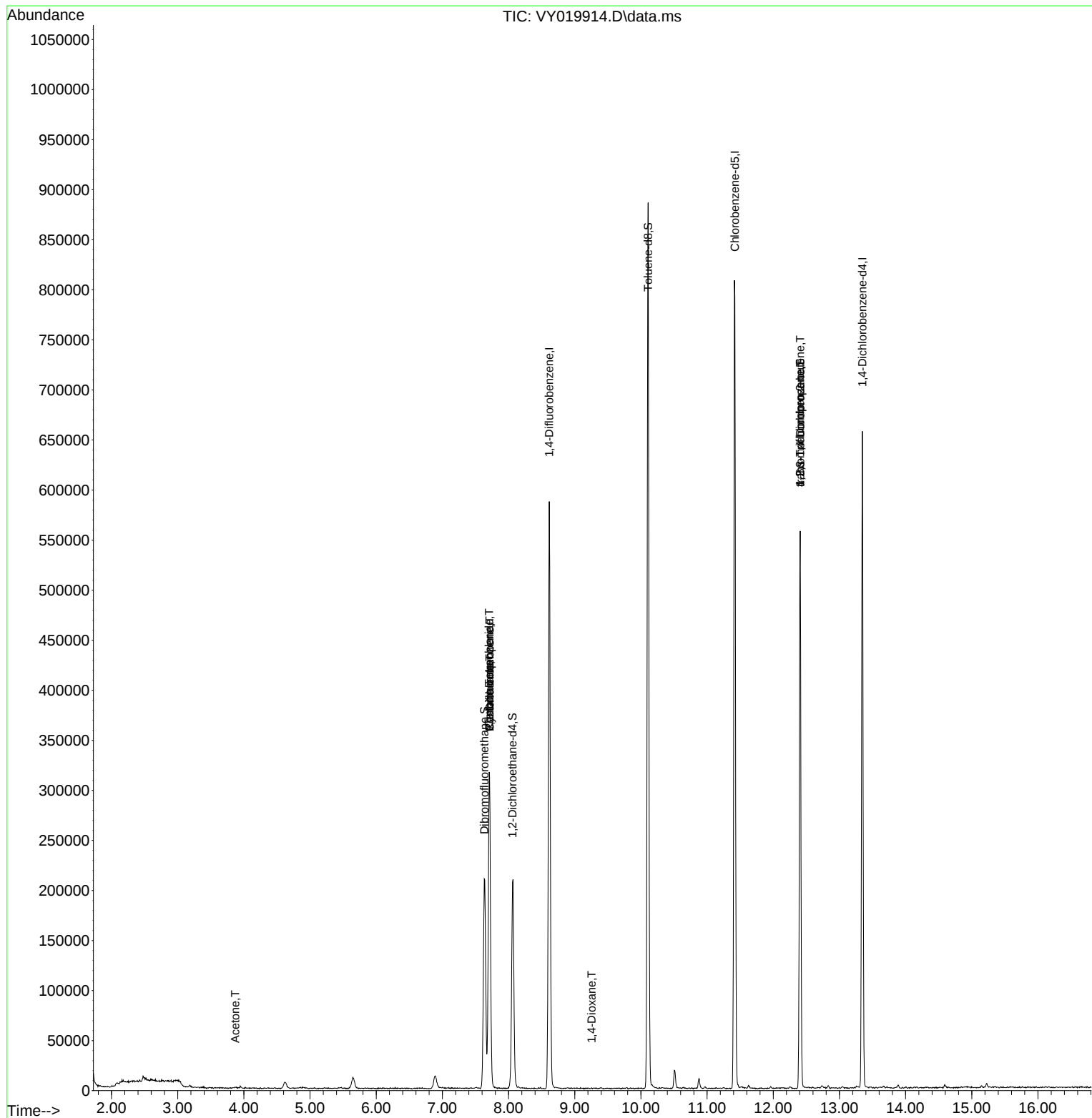
Internal Standards						
1) Pentafluorobenzene	7.713	168	224722	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	453828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	407871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	161735	58.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.900%
35) Dibromofluoromethane	7.634	113	149087	49.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.560%
50) Toluene-d8	10.109	98	556374	50.308	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.407	95	171666	42.959	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	306	Below Cal	#	52
16) Acetone	3.872	43	1278	1.774	ug/l #	75
31) Cyclohexane	7.713	56	6264	1.355	ug/l #	17
36) 1,1-Dichloropropene	7.713	75	22116	5.126	ug/l #	49
38) Carbon Tetrachloride	7.707	117	25330	5.476	ug/l #	14
49) 1,4-Dioxane	9.255	88	20	1.001	ug/l #	20
76) 1,2,3-Trichloropropane	12.407	75	98002	34.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	98002	139.704	ug/l #	16

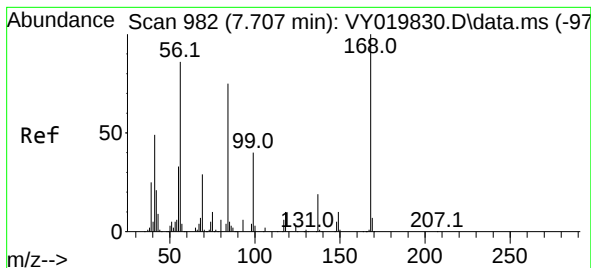
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
Data File : VY019914.D
Acq On : 16 Oct 2024 14:44
Operator : SY/MD
Sample : P4410-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 17 01:52:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY019914.D

Acq: 16 Oct 2024 14:44

Instrument :

MSVOA_Y

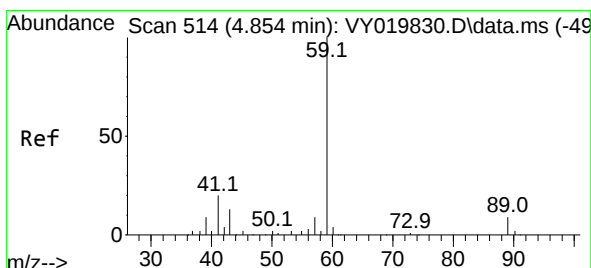
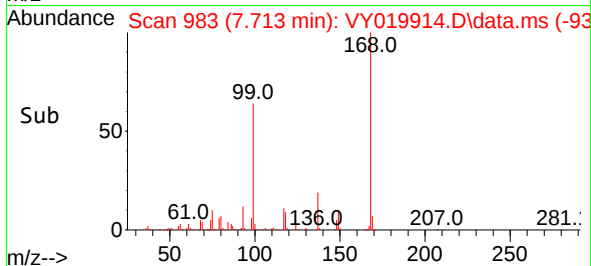
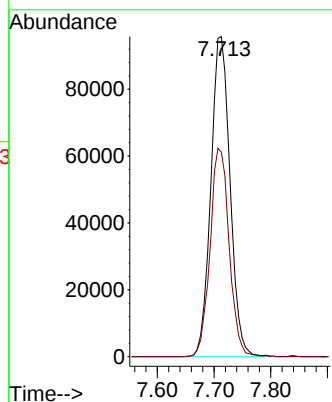
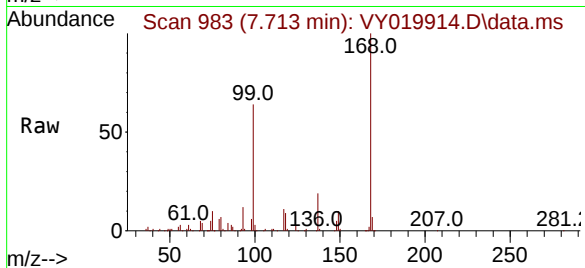
ClientSampleId :

Tgt Ion:168 Resp: 224722

Ion Ratio Lower Upper

168 100

99 64.0 39.1 58.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY019914.D

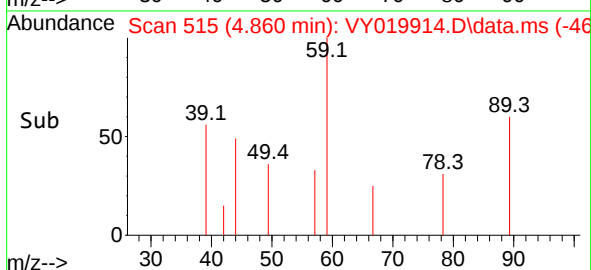
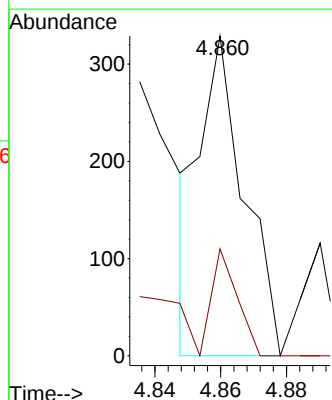
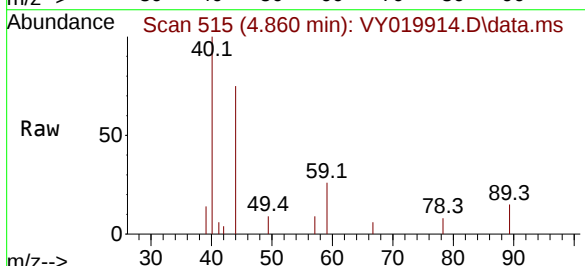
Acq: 16 Oct 2024 14:44

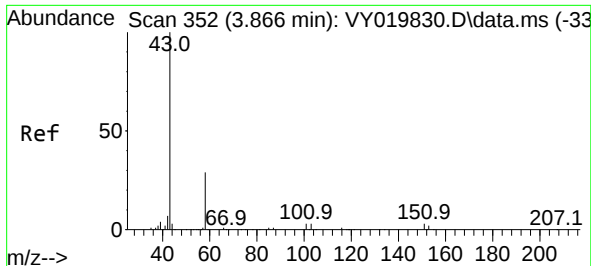
Tgt Ion: 59 Resp: 306

Ion Ratio Lower Upper

59 100

57 19.6 3.0 4.6#

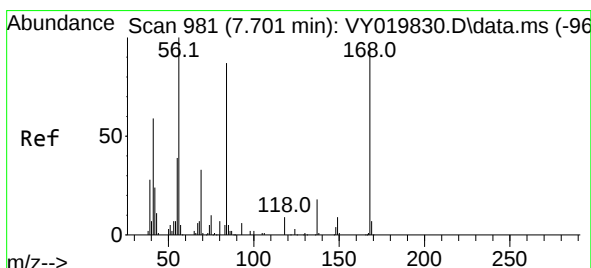
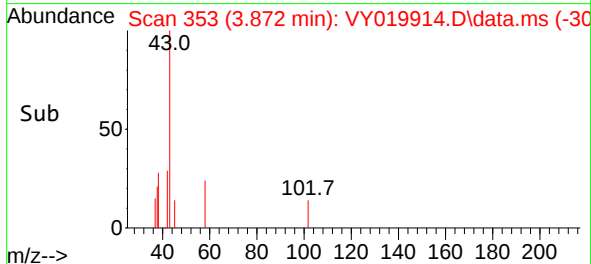
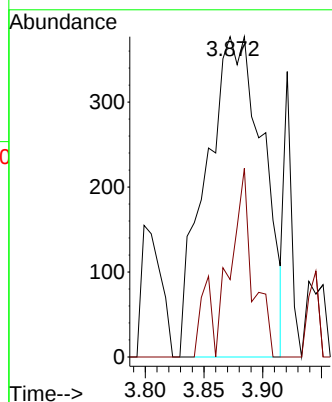
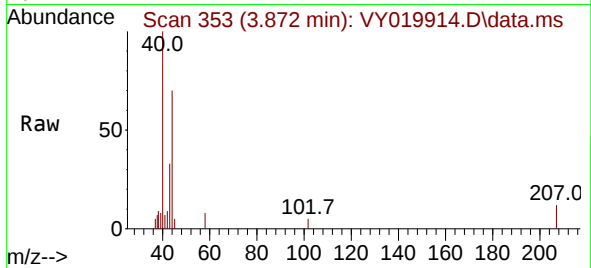




#16
Acetone
Concen: 1.774 ug/l
RT: 3.872 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

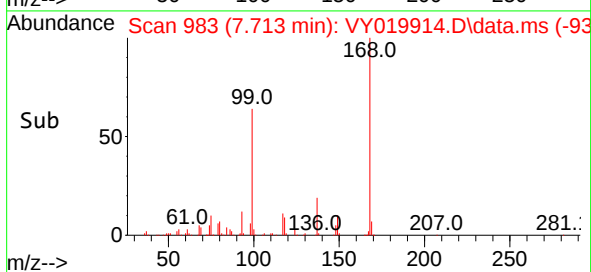
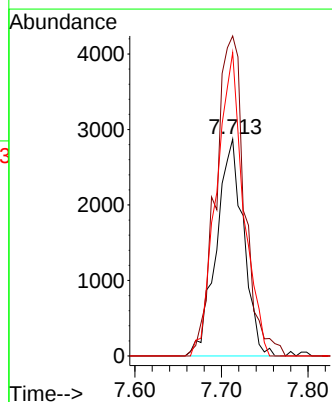
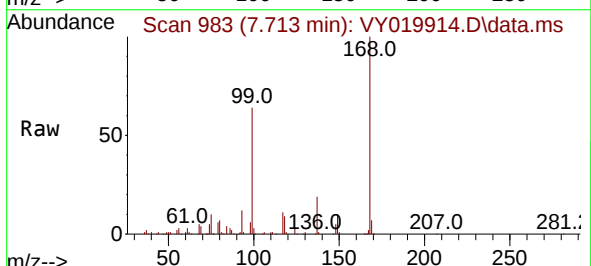
Instrument :
MSVOA_Y
ClientSampleId :

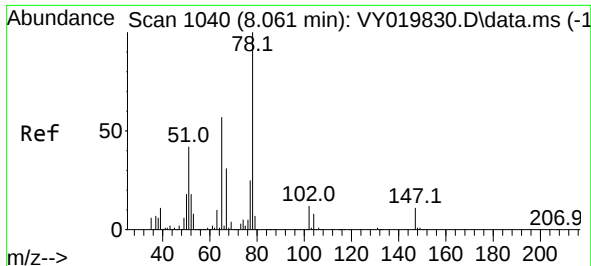
Tgt Ion: 43 Resp: 1278
Ion Ratio Lower Upper
43 100
58 24.1 31.7 47.5#



#31
Cyclohexane
Concen: 1.355 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

Tgt Ion: 56 Resp: 6264
Ion Ratio Lower Upper
56 100
69 147.6 28.7 43.1#
84 140.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 58.452 ug/l

RT: 8.060 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019914.D

Acq: 16 Oct 2024 14:44

Instrument :

MSVOA_Y

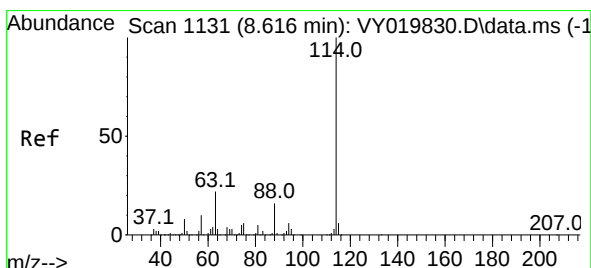
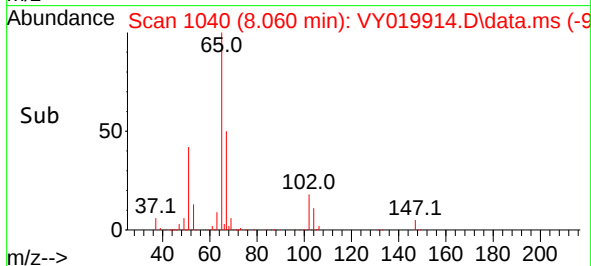
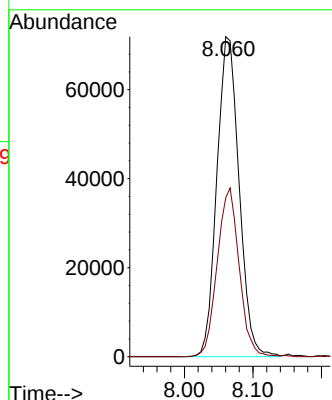
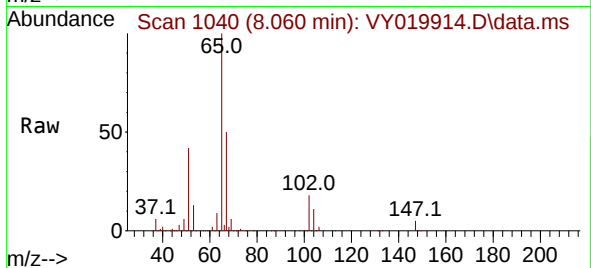
ClientSampleId :

Tgt Ion: 65 Resp: 161735

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY019914.D

Acq: 16 Oct 2024 14:44

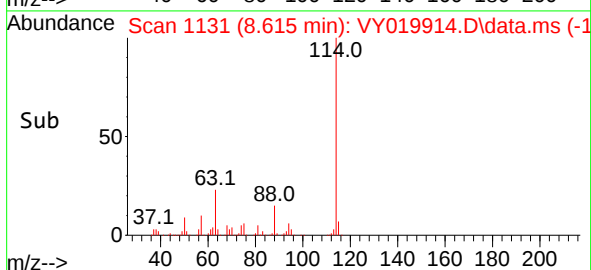
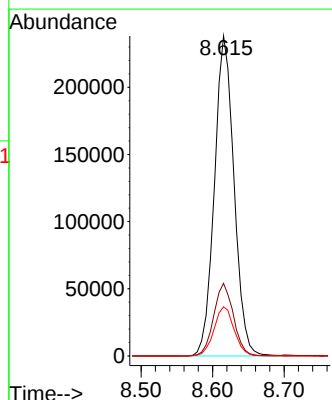
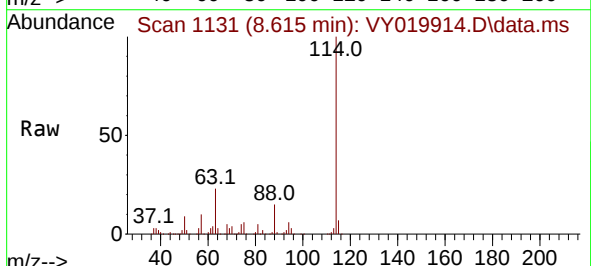
Tgt Ion: 114 Resp: 453828

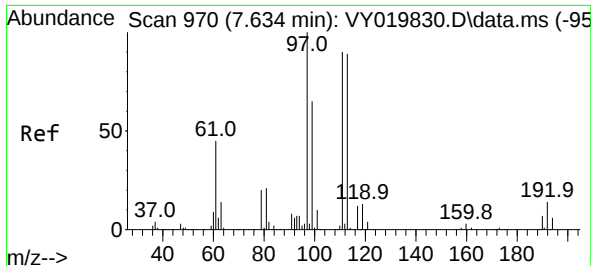
Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

88 15.3 0.0 27.2

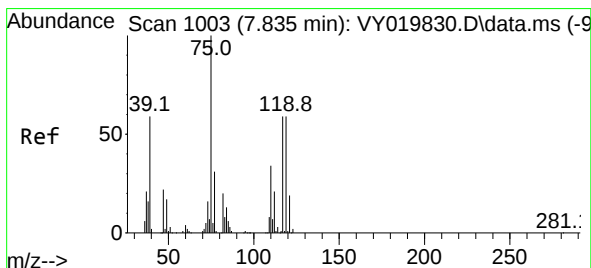
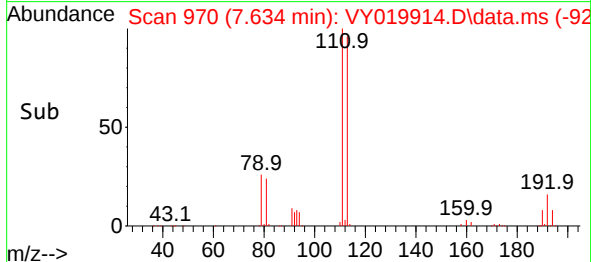
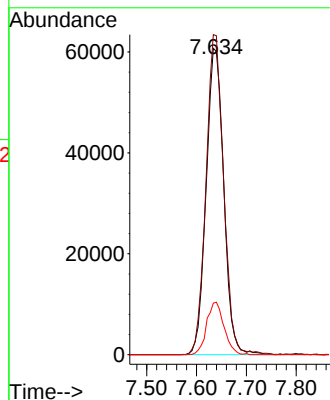
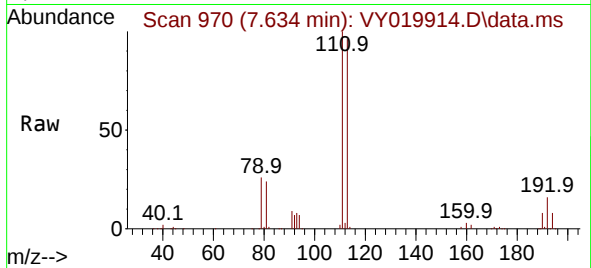




#35
Dibromofluoromethane
Concen: 49.783 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

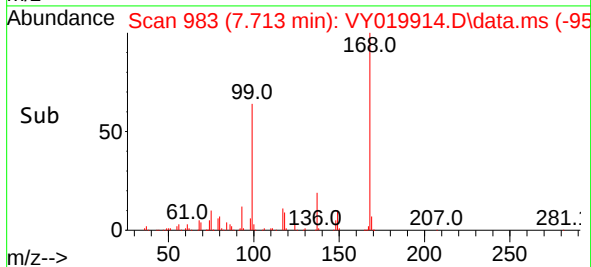
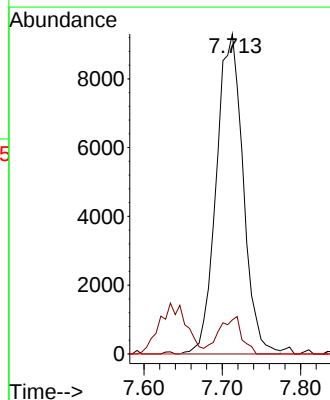
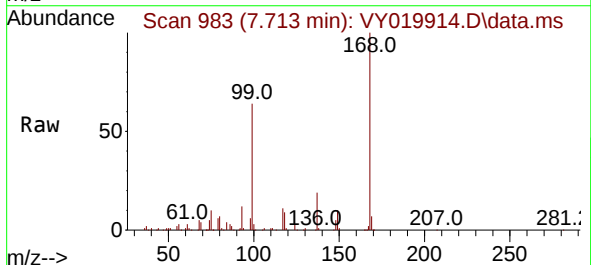
Instrument :
MSVOA_Y
ClientSampleId :

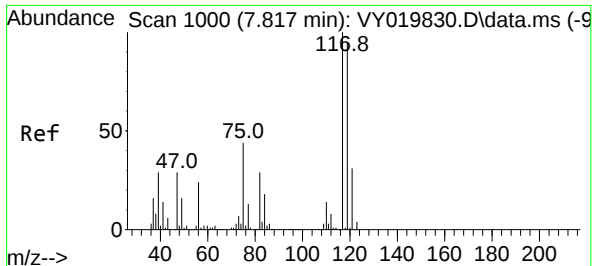
Tgt Ion:113 Resp: 149087
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 16.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.126 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

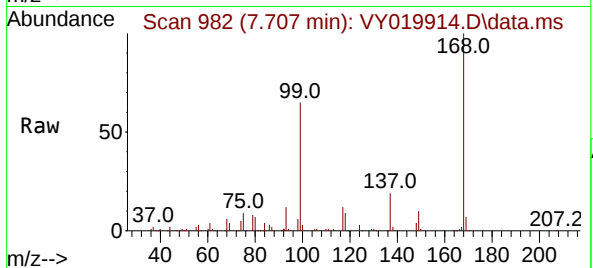
Tgt Ion: 75 Resp: 22116
Ion Ratio Lower Upper
75 100
110 10.0 19.0 57.0#
77 0.0 25.3 37.9#



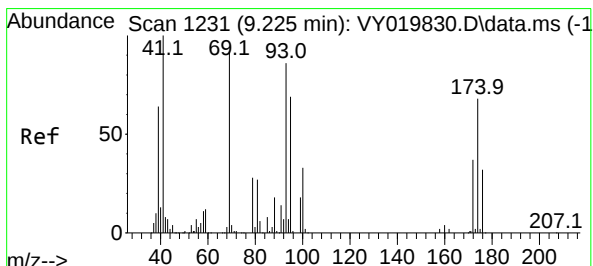
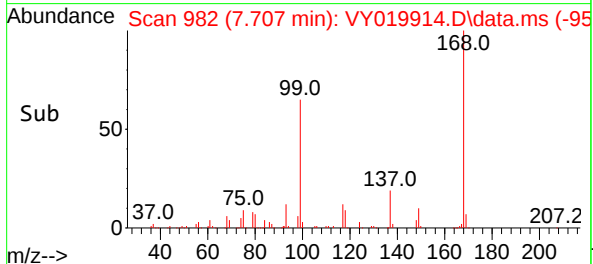
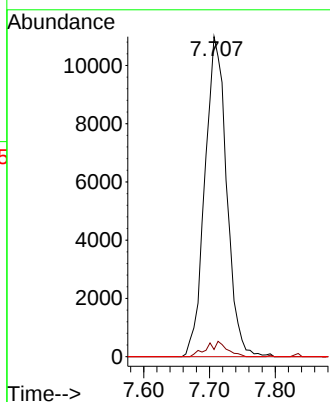


#38
Carbon Tetrachloride
Concen: 5.476 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :

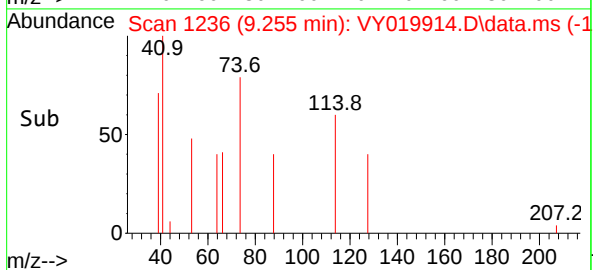
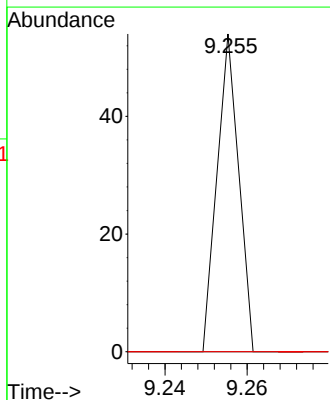
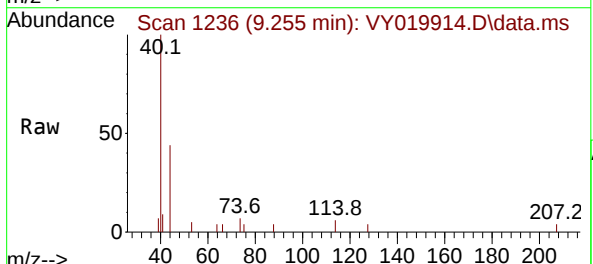


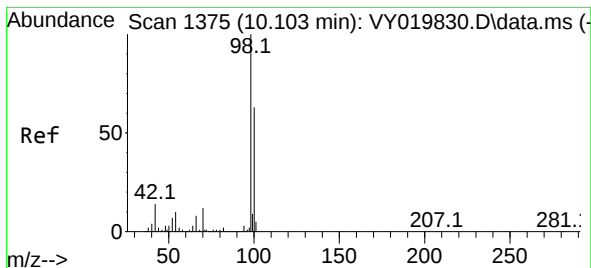
Tgt Ion:117 Resp: 25330
Ion Ratio Lower Upper
117 100
119 2.2 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.001 ug/l
RT: 9.255 min Scan# 1236
Delta R.T. 0.024 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

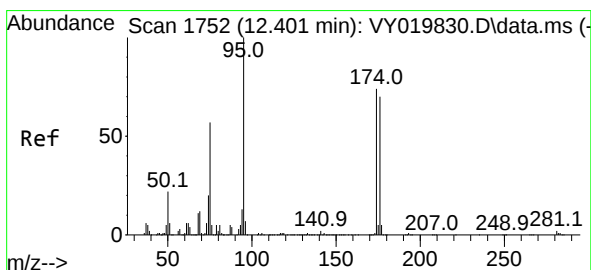
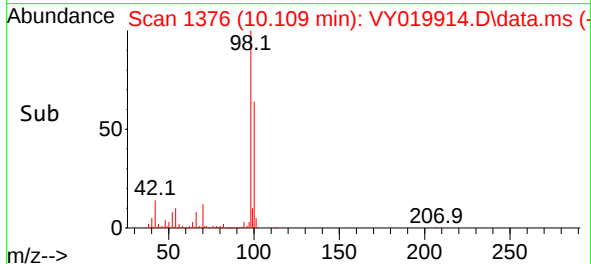
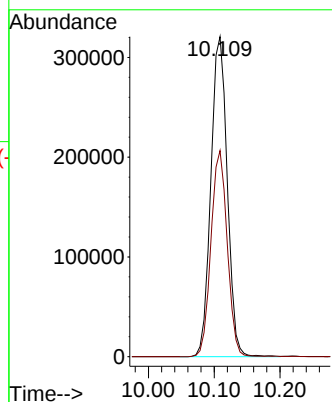
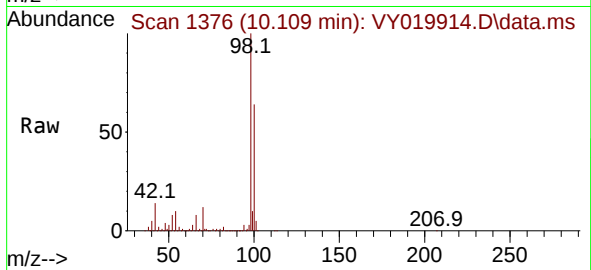




#50
Toluene-d8
Concen: 50.308 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

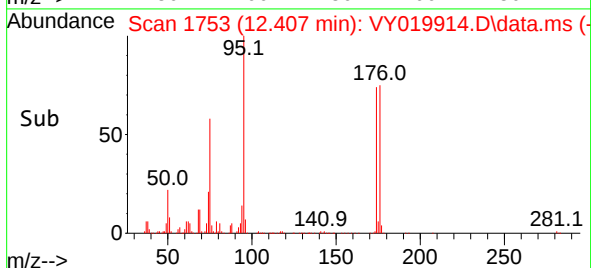
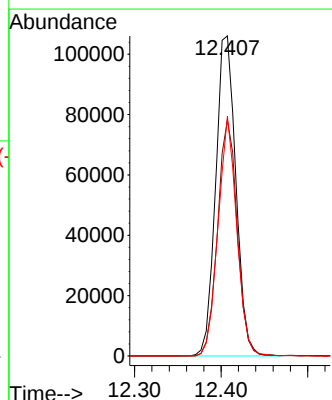
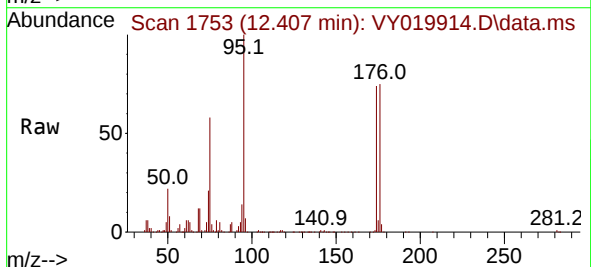
Instrument :
MSVOA_Y
ClientSampleId :

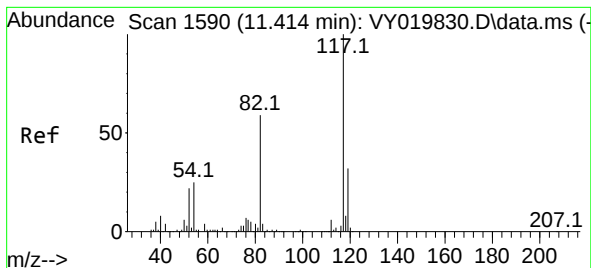
Tgt Ion: 98 Resp: 556374
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.959 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

Tgt Ion: 95 Resp: 171666
Ion Ratio Lower Upper
95 100
174 71.6 0.0 175.6
176 69.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019914.D

Acq: 16 Oct 2024 14:44

Instrument :

MSVOA_Y

ClientSampleId :

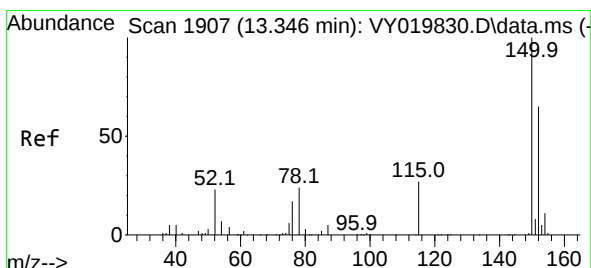
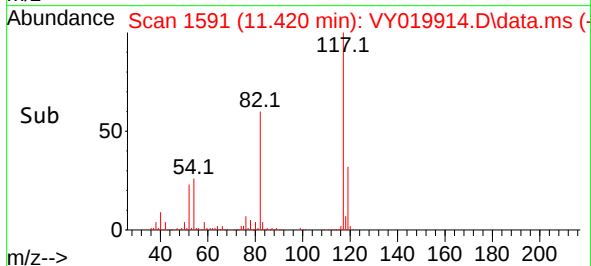
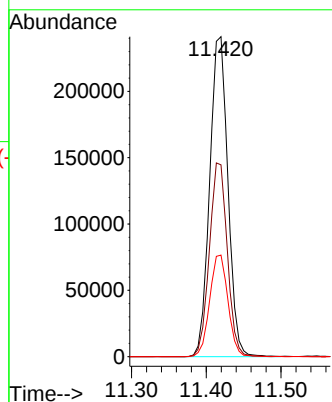
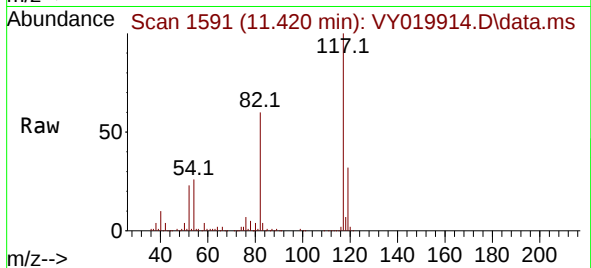
Tgt Ion:117 Resp: 407871

Ion Ratio Lower Upper

117 100

82 60.0 42.4 63.6

119 31.8 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: VY019914.D

Acq: 16 Oct 2024 14:44

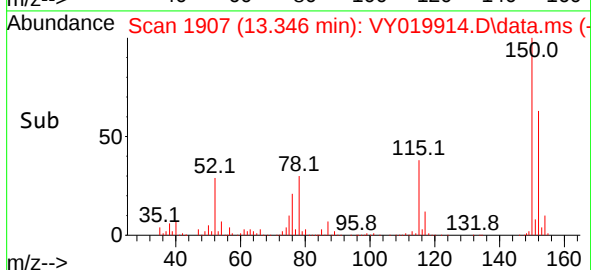
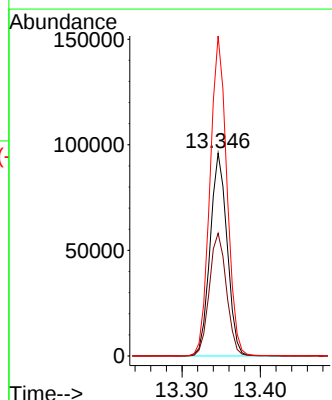
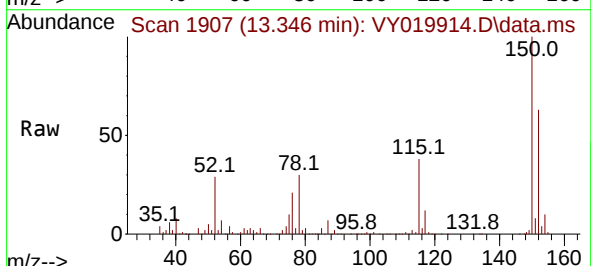
Tgt Ion:152 Resp: 144539

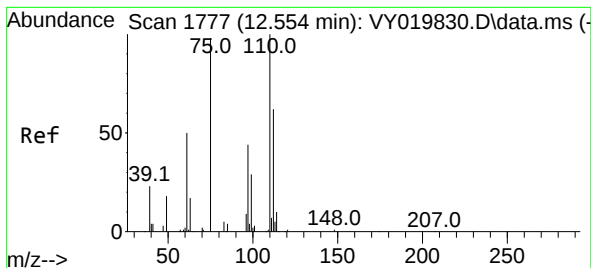
Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 157.0 0.0 345.6

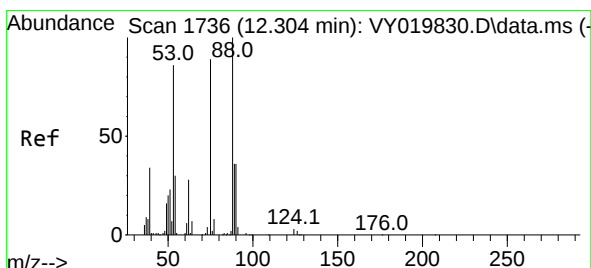
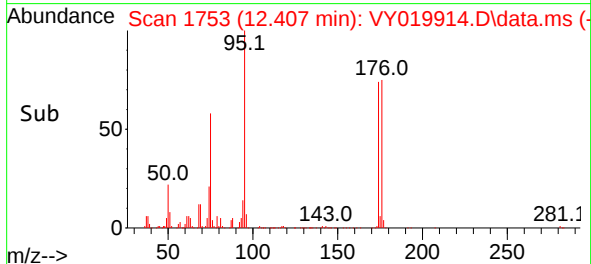
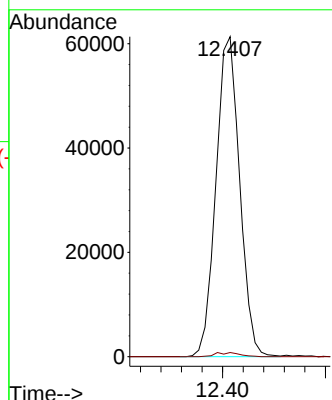
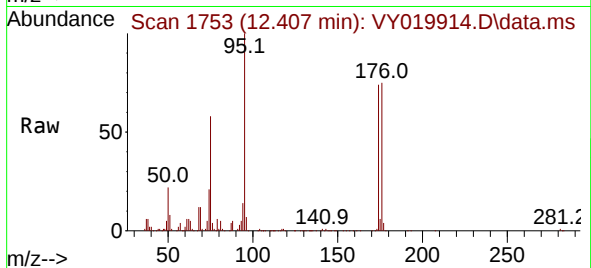




#76
1,2,3-Trichloropropane
Concen: 34.611 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 98002
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.704 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019914.D
Acq: 16 Oct 2024 14:44

Tgt Ion: 75 Resp: 98002
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

