

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
 Data File : VY019818.D
 Acq On : 08 Oct 2024 11:58
 Operator : SY/MD
 Sample : VY1008SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 09 02:05:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

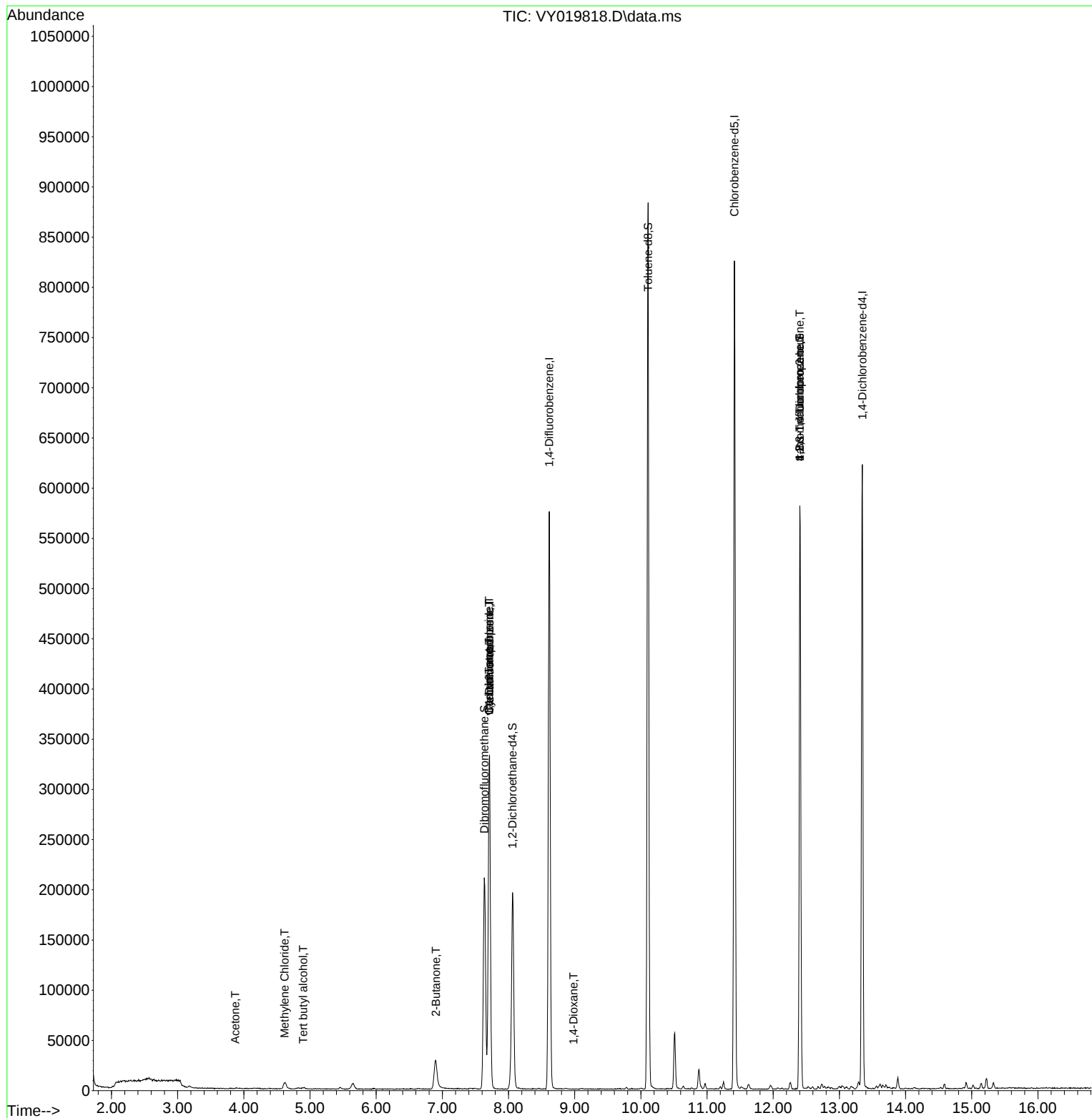
Internal Standards						
1) Pentafluorobenzene	7.713	168	240734	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	468560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	415422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	146880	65.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.780%	
35) Dibromofluoromethane	7.634	113	150651	56.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.420%	
50) Toluene-d8	10.109	98	562386	57.233	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.460%	
62) 4-Bromofluorobenzene	12.401	95	177805	47.060	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	23	Below Cal	#	43
11) Tert butyl alcohol	4.897	59	651	3.616	ug/l #	97
13) Acrolein	3.690	56	39	Below Cal	#	15
16) Acetone	3.872	43	1433	2.698	ug/l #	80
20) Methylene Chloride	4.616	84	4486	1.852	ug/l	96
25) 2-Butanone	6.902	43	2472	3.273	ug/l #	62
31) Cyclohexane	7.707	56	6843	1.715	ug/l #	31
36) 1,1-Dichloropropene	7.707	75	22447	6.210	ug/l #	49
38) Carbon Tetrachloride	7.707	117	26182	6.423	ug/l #	17
49) 1,4-Dioxane	8.981	88	22	1.255	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	98760	71.769	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	98760	137.776	ug/l #	16

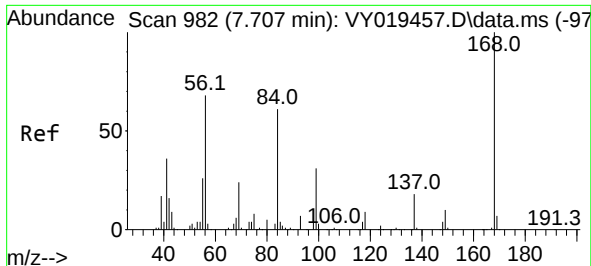
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
Data File : VY019818.D
Acq On : 08 Oct 2024 11:58
Operator : SY/MD
Sample : VY1008SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 09 02:05:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

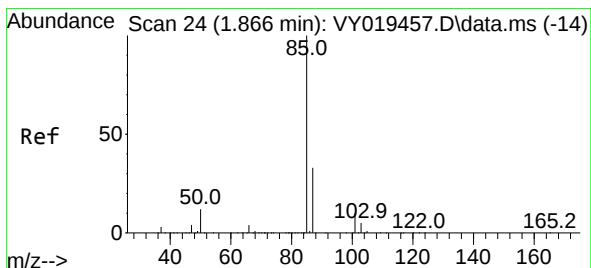
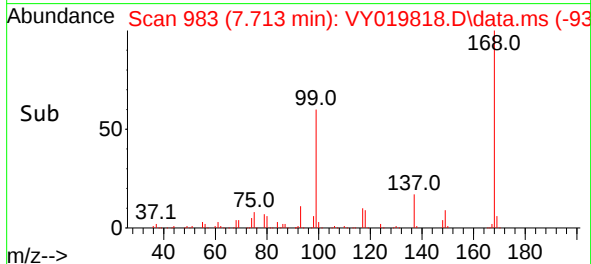
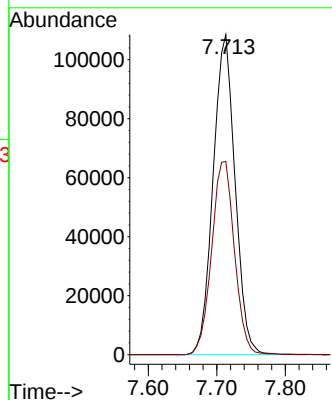
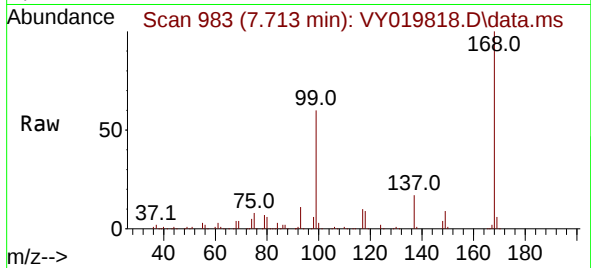




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

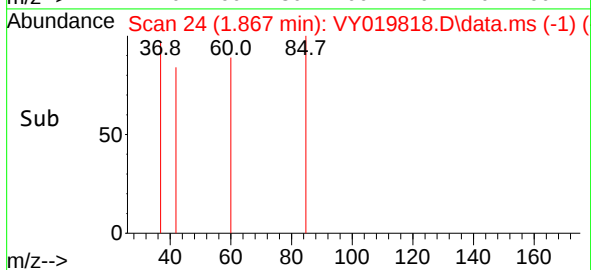
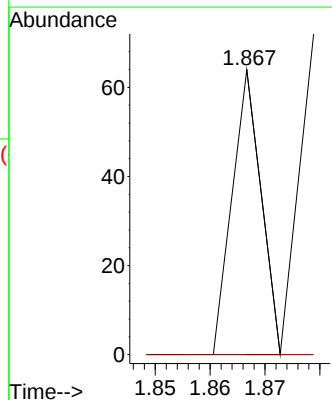
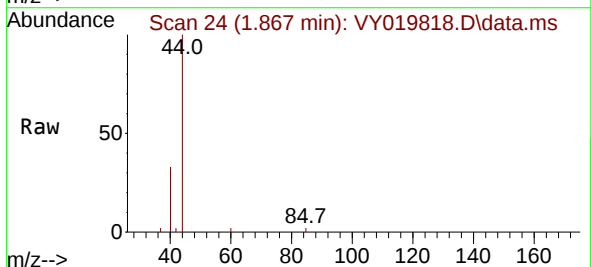
Instrument :
MSVOA_Y
ClientSampleId :

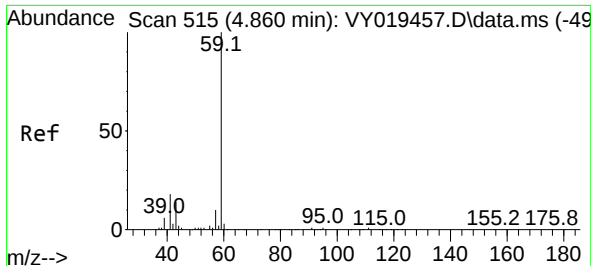
Tgt Ion:168 Resp: 240734
Ion Ratio Lower Upper
168 100
99 60.4 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

Tgt Ion: 85 Resp: 23
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

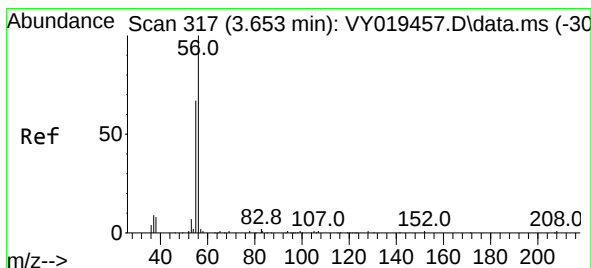
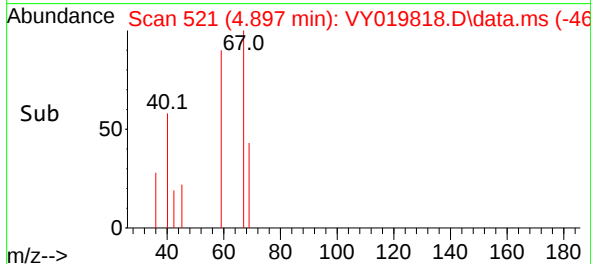
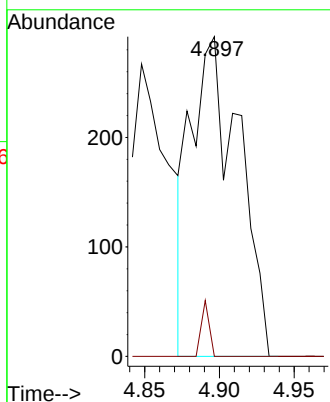
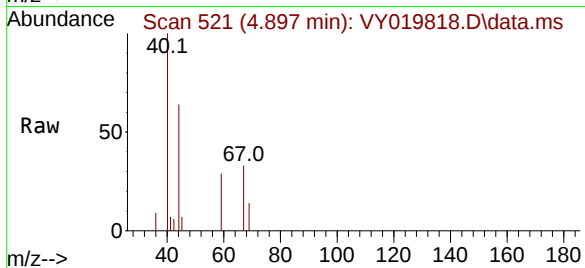




#11
Tert butyl alcohol
Concen: 3.616 ug/l
RT: 4.897 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

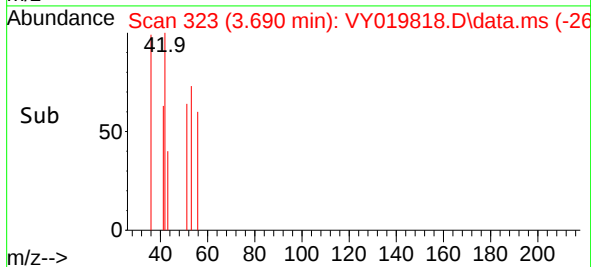
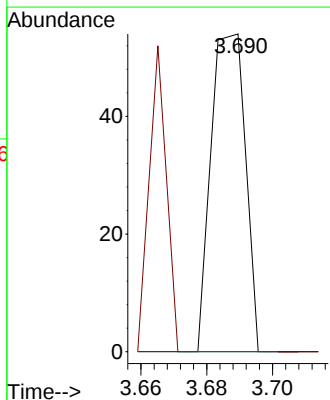
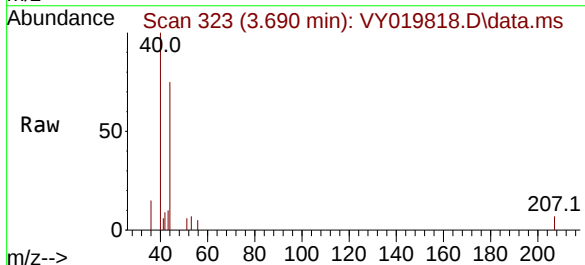
Instrument :
MSVOA_Y
ClientSampleId :

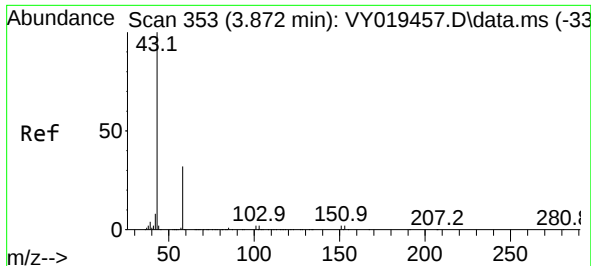
Tgt Ion: 59 Resp: 651
Ion Ratio Lower Upper
59 100
57 2.9 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.690 min Scan# 323
Delta R.T. 0.037 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

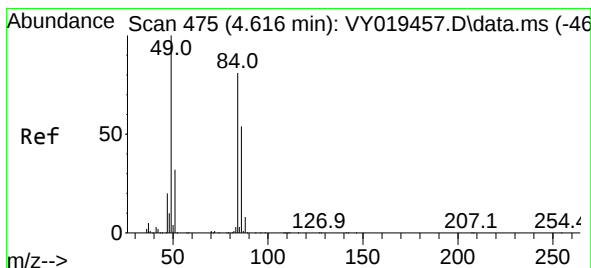
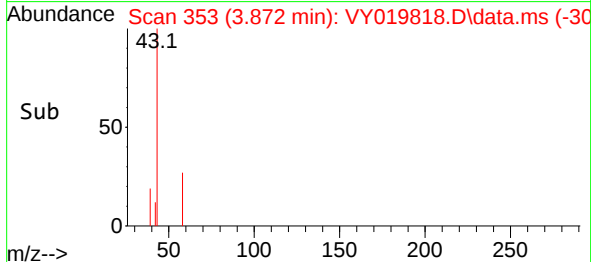
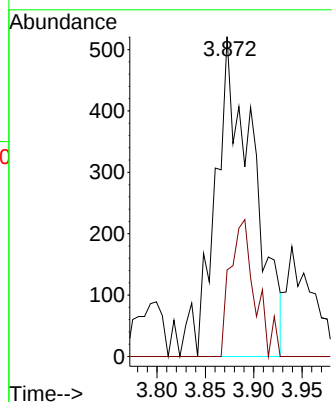
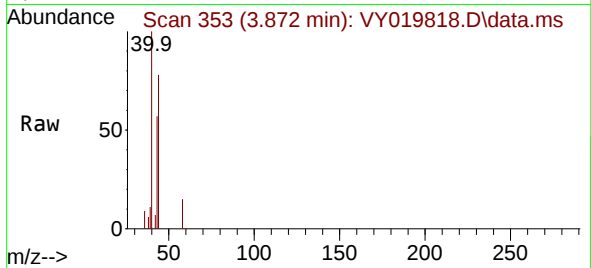




#16
Acetone
Concen: 2.698 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

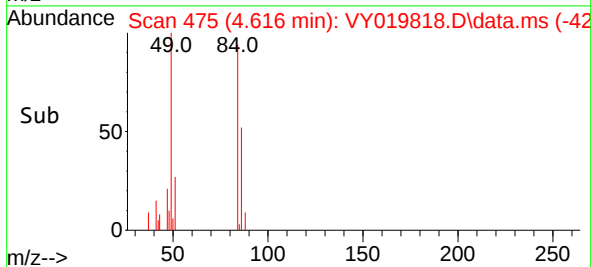
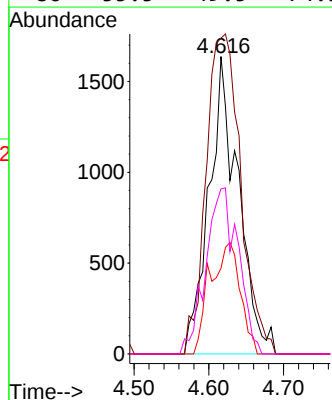
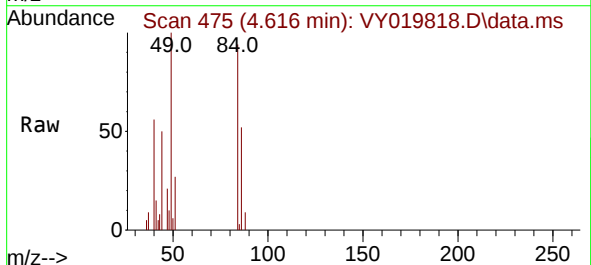
Instrument :
MSVOA_Y
ClientSampleId :

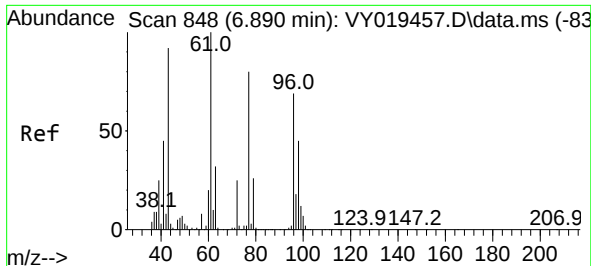
Tgt Ion: 43 Resp: 1433
Ion Ratio Lower Upper
43 100
58 27.1 31.7 47.5#



#20
Methylene Chloride
Concen: 1.852 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

Tgt Ion: 84 Resp: 4486
Ion Ratio Lower Upper
84 100
49 106.2 84.4 126.6
51 28.8 26.0 39.0
86 55.5 49.5 74.3

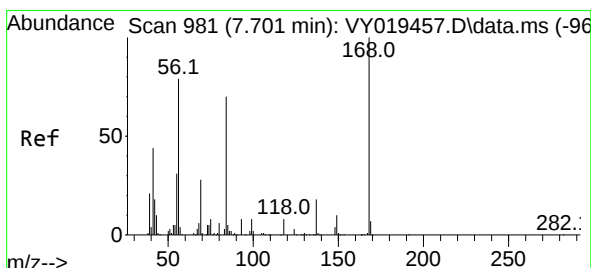
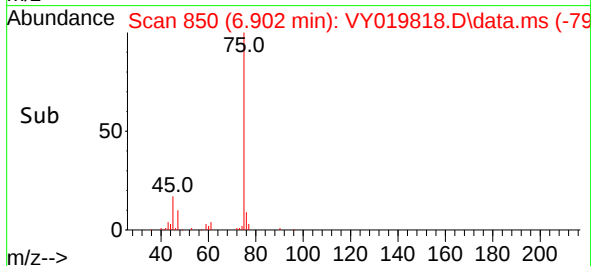
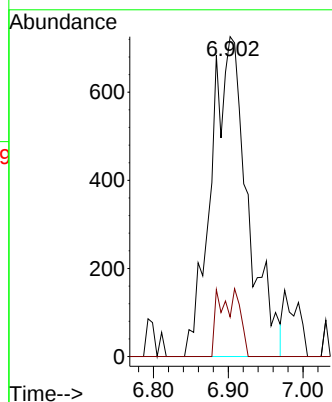
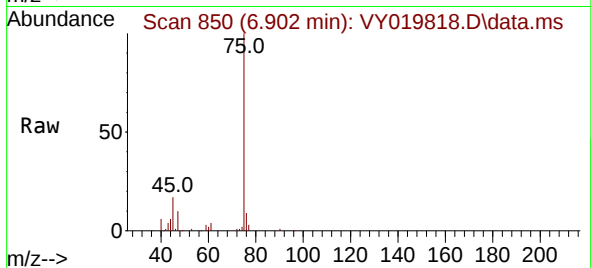




#25
2-Butanone
Concen: 3.273 ug/l
RT: 6.902 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

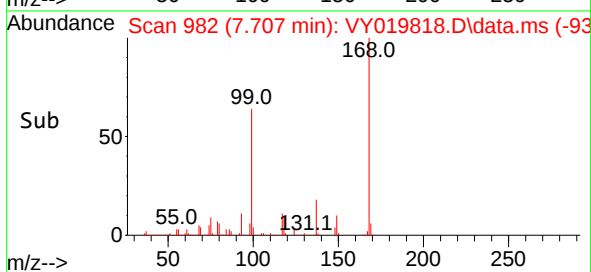
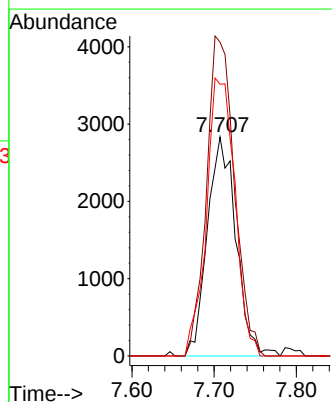
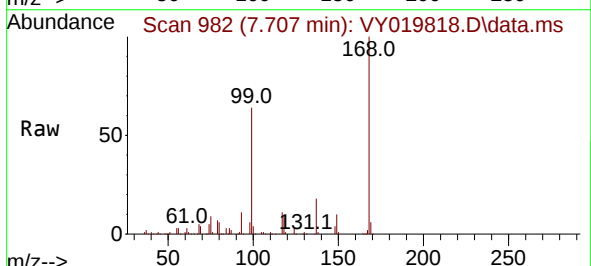
Instrument :
MSVOA_Y
ClientSampleId :

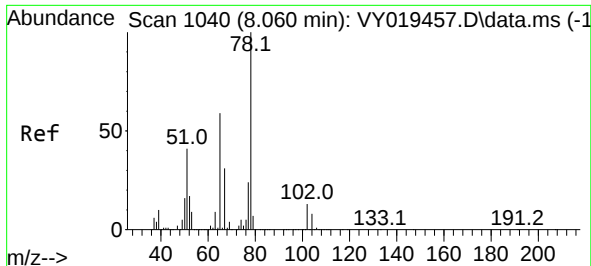
Tgt Ion: 43 Resp: 2472
Ion Ratio Lower Upper
43 100
72 12.4 27.3 40.9#



#31
Cyclohexane
Concen: 1.715 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

Tgt Ion: 56 Resp: 6843
Ion Ratio Lower Upper
56 100
69 143.4 28.7 43.1#
84 124.2 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 65.891 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019818.D

Acq: 08 Oct 2024 11:58

Instrument :

MSVOA_Y

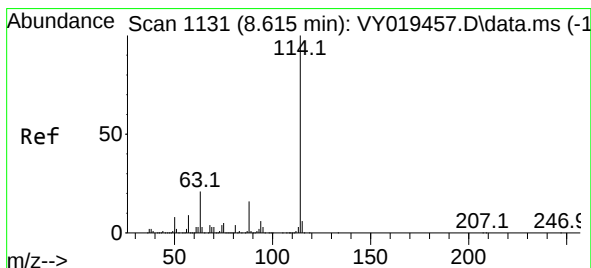
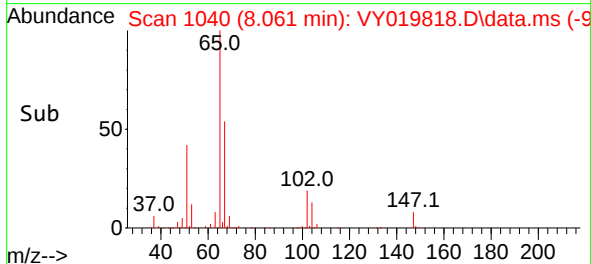
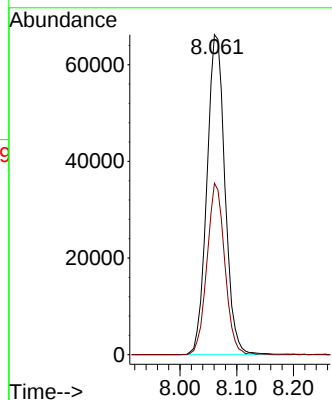
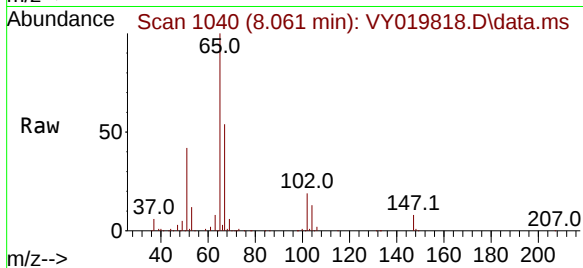
ClientSampleId :

Tgt Ion: 65 Resp: 146880

Ion Ratio Lower Upper

65 100

67 52.8 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: VY019818.D

Acq: 08 Oct 2024 11:58

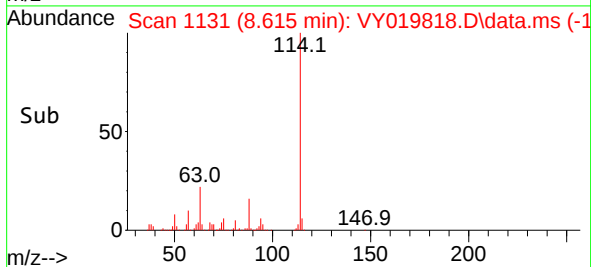
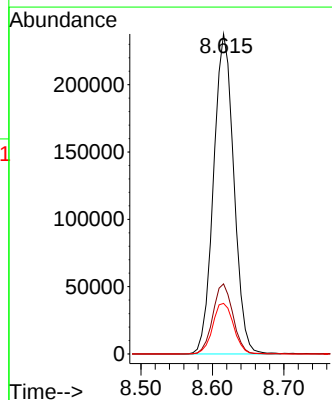
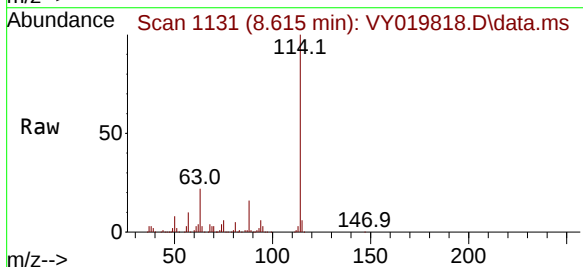
Tgt Ion: 114 Resp: 468560

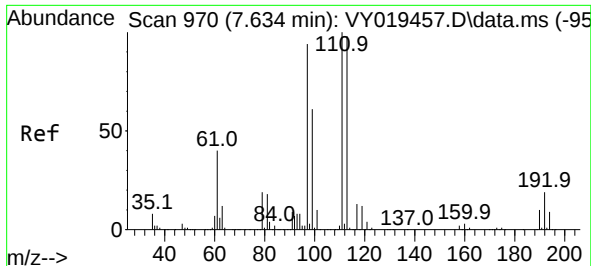
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

88 15.8 0.0 27.2

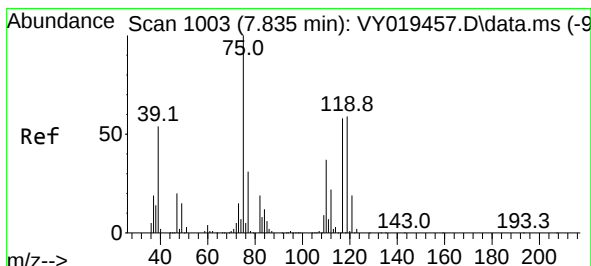
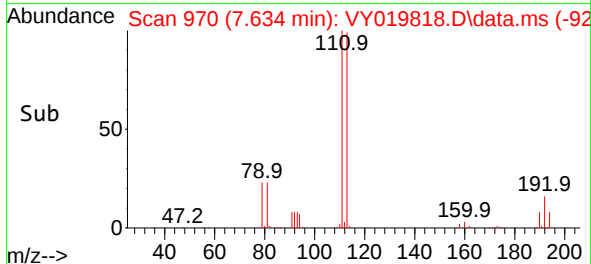
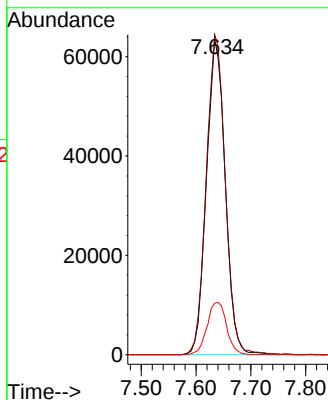
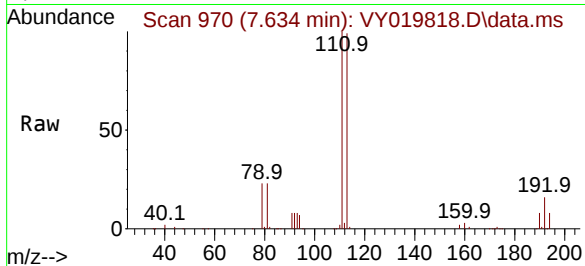




#35
Dibromofluoromethane
Concen: 56.707 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

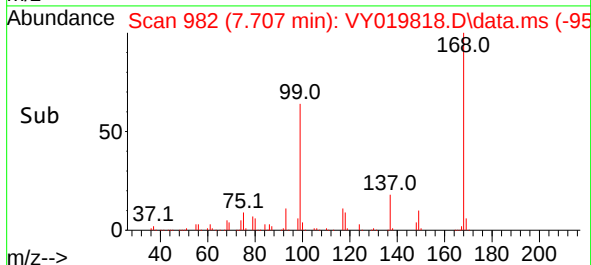
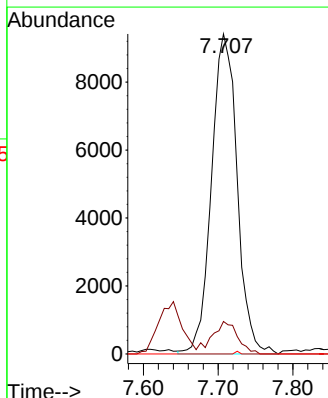
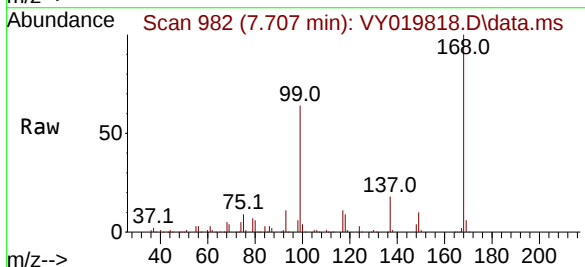
Instrument :
MSVOA_Y
ClientSampleId :

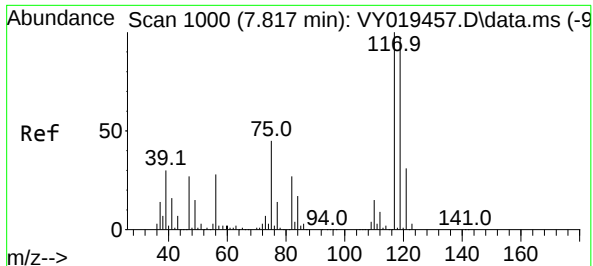
Tgt Ion:113 Resp: 150651
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.210 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

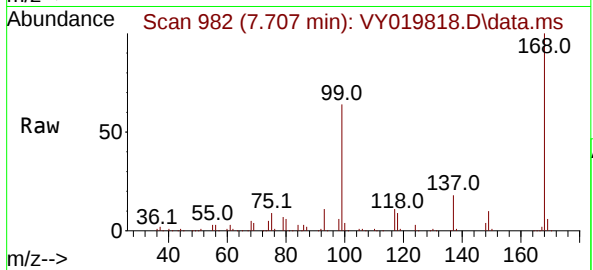
Tgt Ion: 75 Resp: 22447
Ion Ratio Lower Upper
75 100
110 10.0 19.0 57.0#
77 0.1 25.3 37.9#



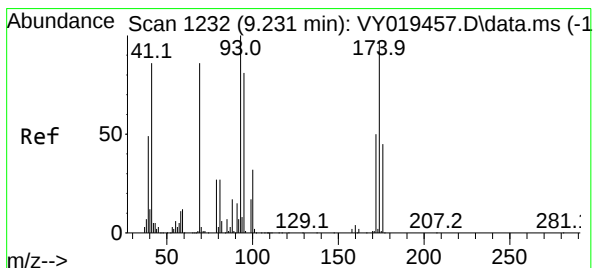
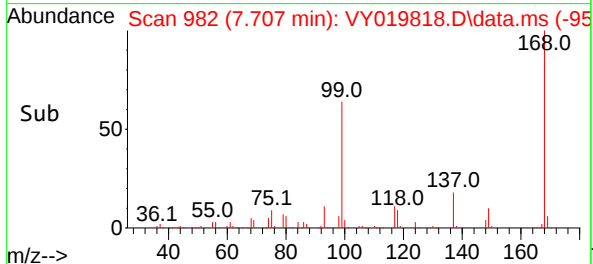
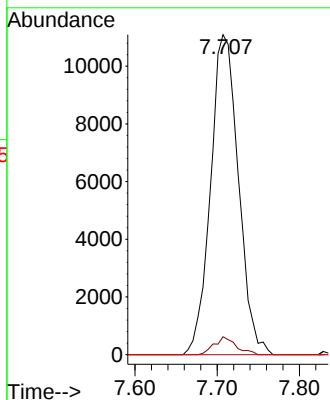


#38
Carbon Tetrachloride
Concen: 6.423 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :

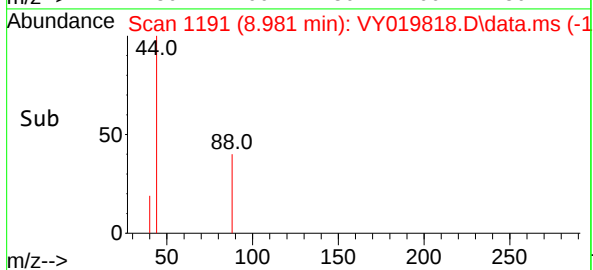
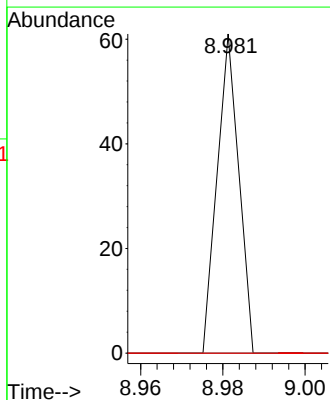
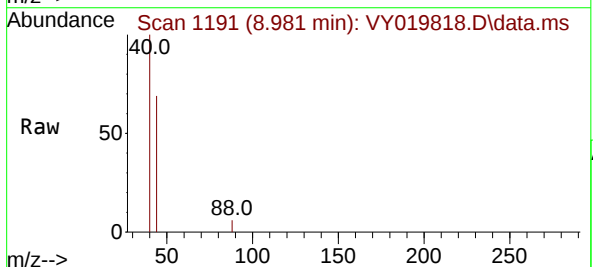


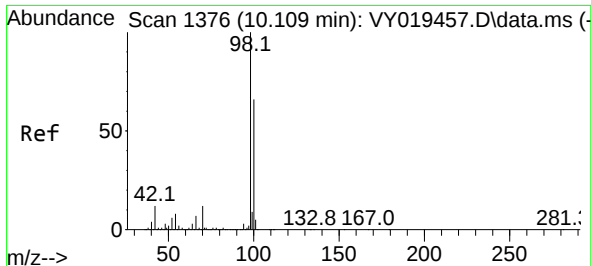
Tgt Ion:117 Resp: 26182
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.255 ug/l
RT: 8.981 min Scan# 1191
Delta R.T. -0.250 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

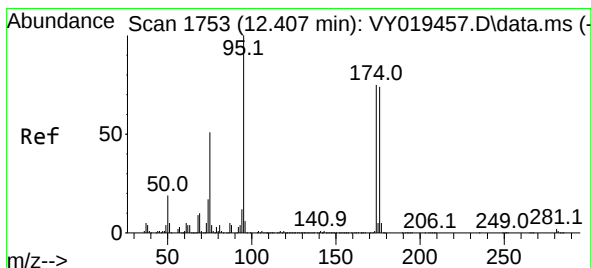
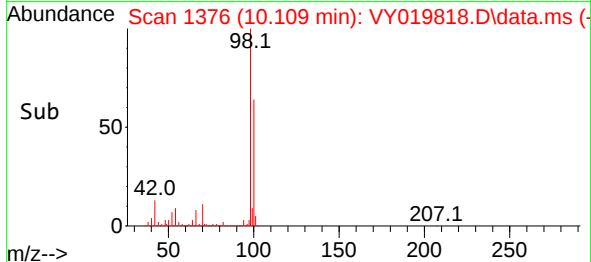
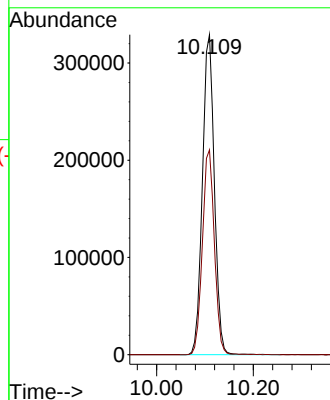
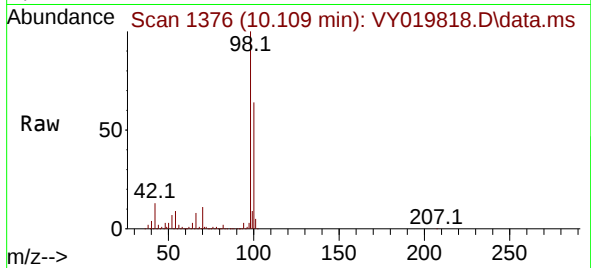




#50
Toluene-d8
Concen: 57.233 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

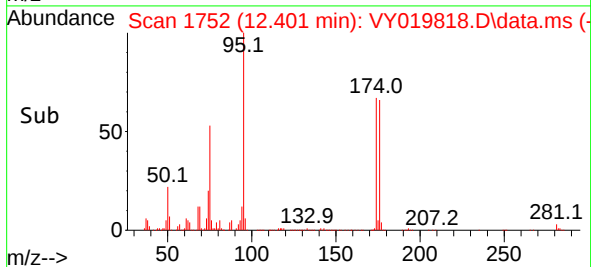
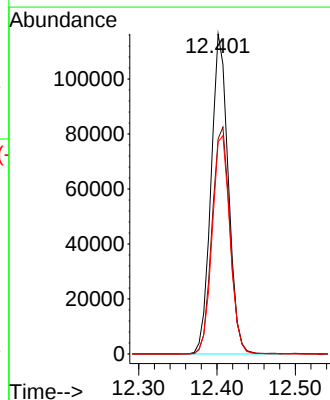
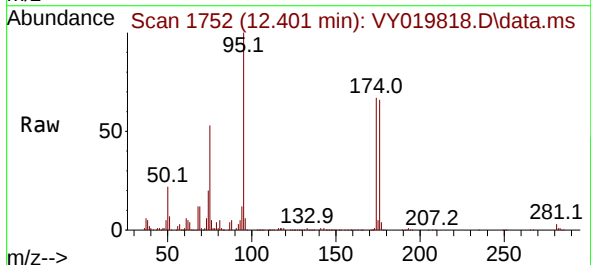
Instrument :
MSVOA_Y
ClientSampleId :

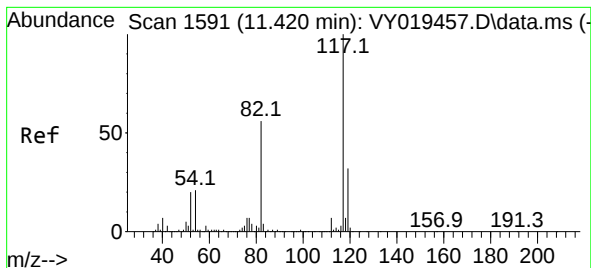
Tgt Ion: 98 Resp: 562386
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.060 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

Tgt Ion: 95 Resp: 177805
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 70.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019818.D

Acq: 08 Oct 2024 11:58

Instrument :

MSVOA_Y

ClientSampleId :

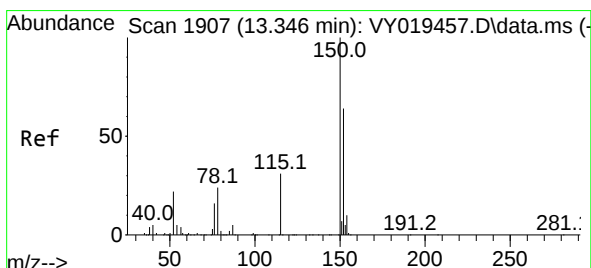
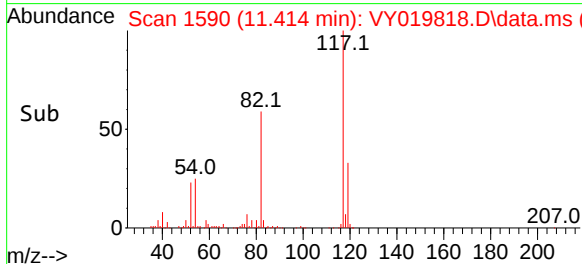
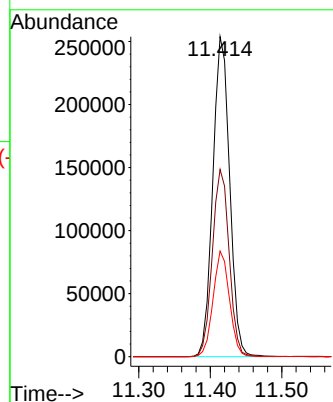
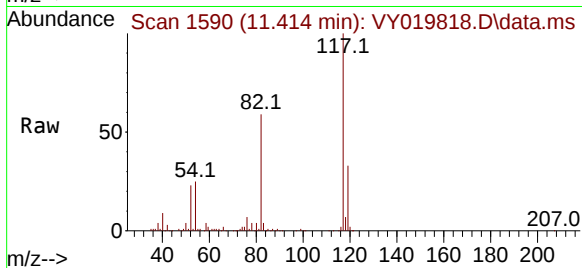
Tgt Ion:117 Resp: 415422

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 33.0 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: VY019818.D

Acq: 08 Oct 2024 11:58

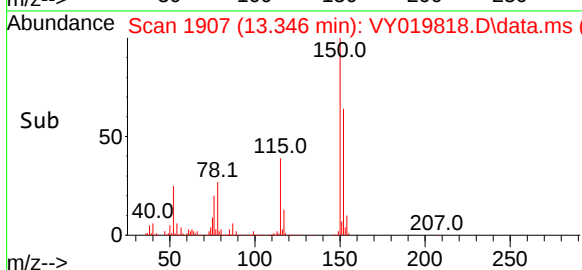
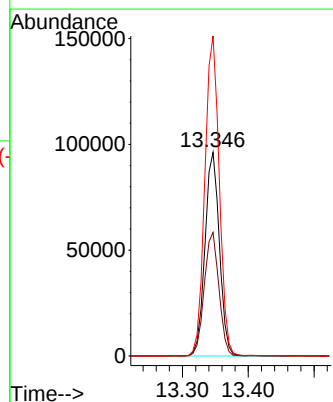
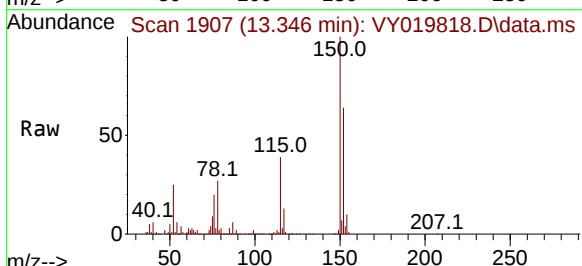
Tgt Ion:152 Resp: 146815

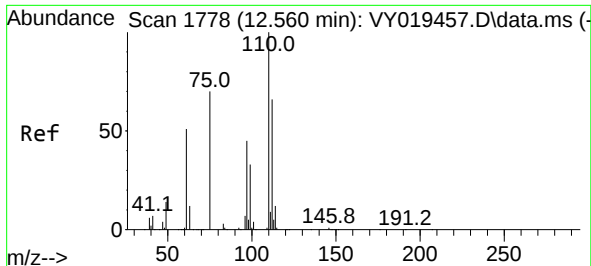
Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 156.9 0.0 345.6

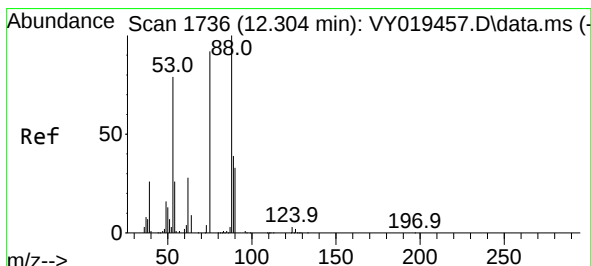
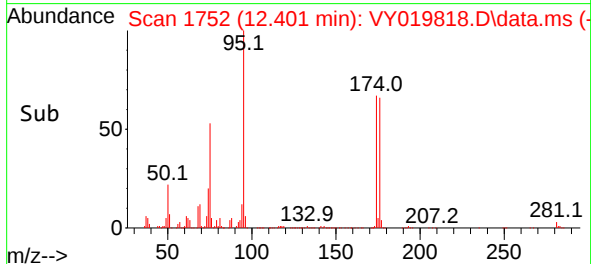
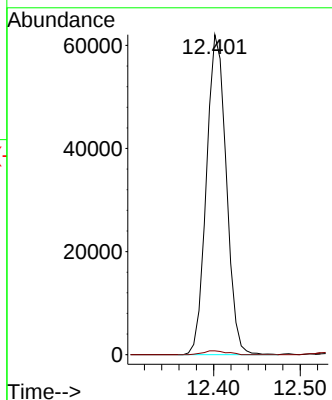
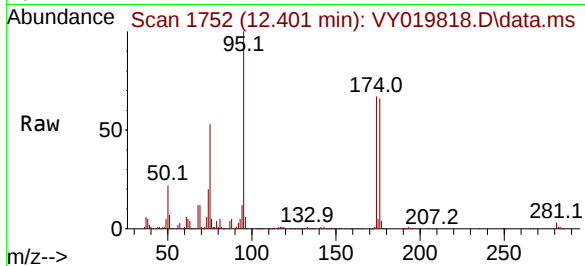




#76
1,2,3-Trichloropropane
Concen: 71.769 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 98760
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.776 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019818.D
Acq: 08 Oct 2024 11:58

Tgt Ion: 75 Resp: 98760
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

