

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019533.D
 Acq On : 13 Sep 2024 11:00
 Operator : SY/MD
 Sample : VY0913SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0913SBL01

Quant Time: Sep 13 23:29:28 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)

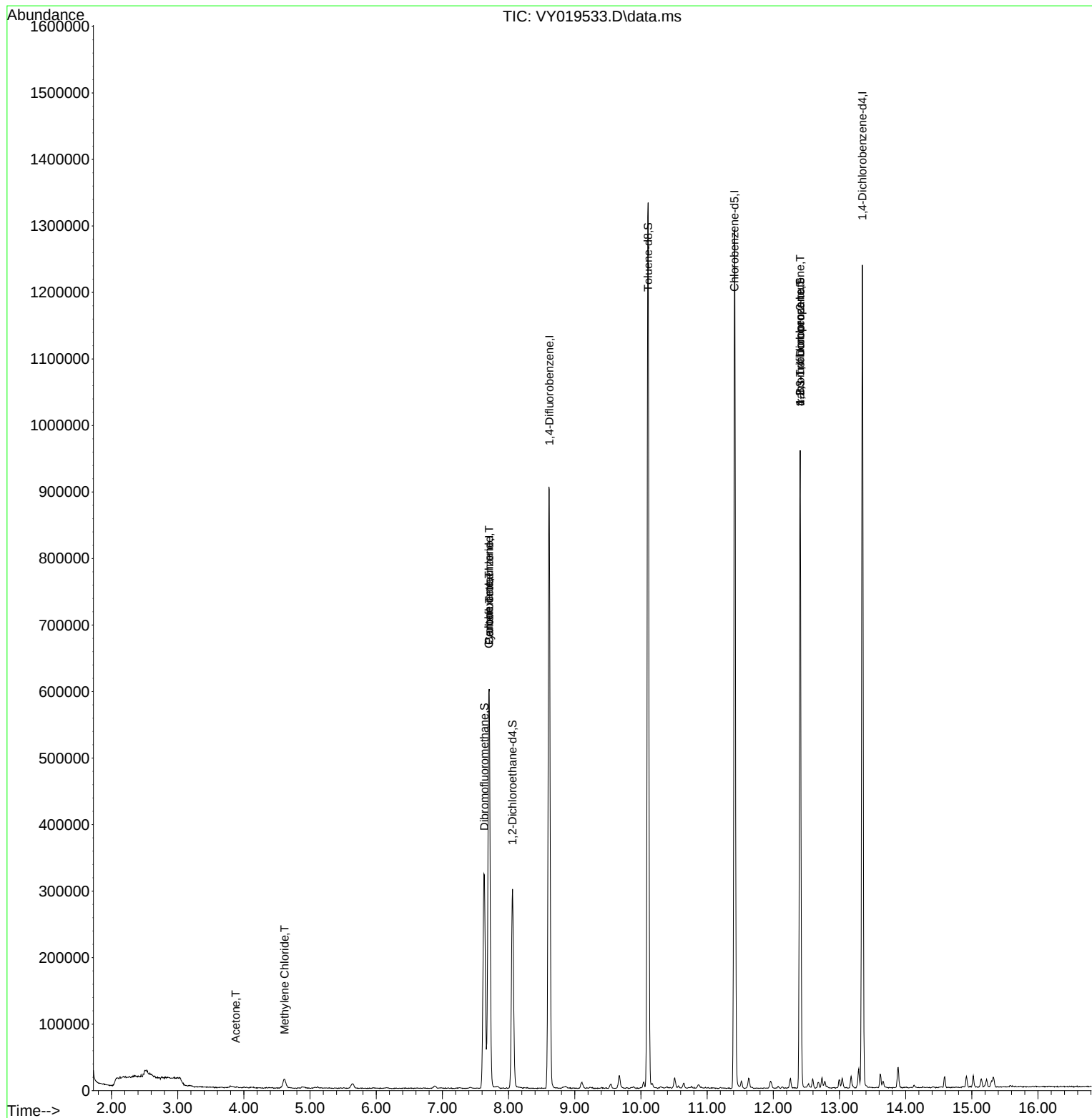
Internal Standards						
1) Pentafluorobenzene	7.707	168	450626	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	787672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	653838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	294157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	235357	56.404	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.800%	
35) Dibromofluoromethane	7.634	113	235965	52.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.680%	
50) Toluene-d8	10.109	98	871899	52.783	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	12.407	95	303161	47.731	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	726	Below Cal		97
13) Acrolein	3.671	56	230	Below Cal		93
16) Acetone	3.878	43	3191	3.210	ug/l #	62
20) Methylene Chloride	4.616	84	10262	2.264	ug/l #	80
31) Cyclohexane	7.701	56	12426	1.664	ug/l #	12
38) Carbon Tetrachloride	7.707	117	47912	6.992	ug/l #	15
76) 1,2,3-Trichloropropane	12.407	75	161456	58.560	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	161456	112.418	ug/l #	16

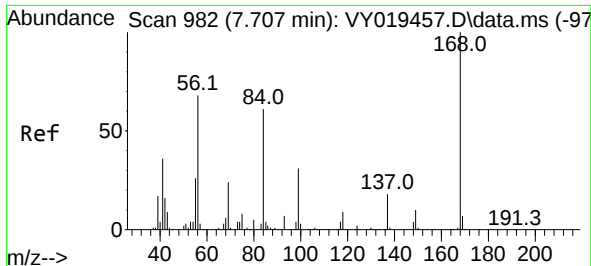
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
Data File : VY019533.D
Acq On : 13 Sep 2024 11:00
Operator : SY/MD
Sample : VY0913SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

Quant Time: Sep 13 23:29:28 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

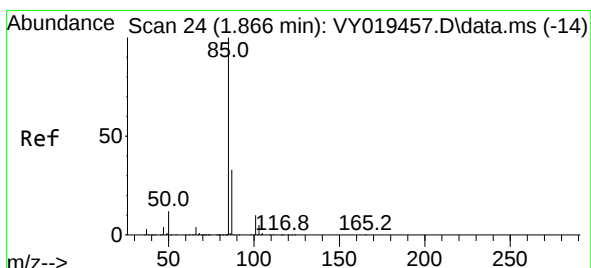
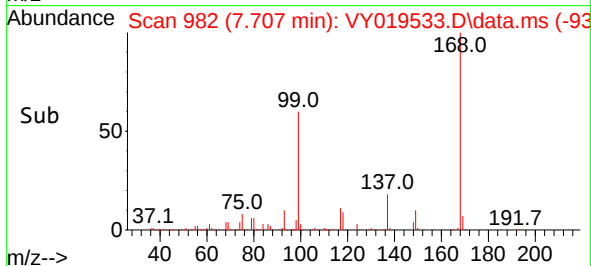
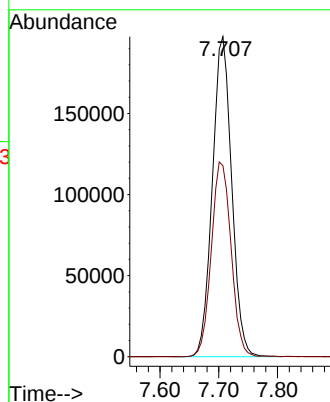
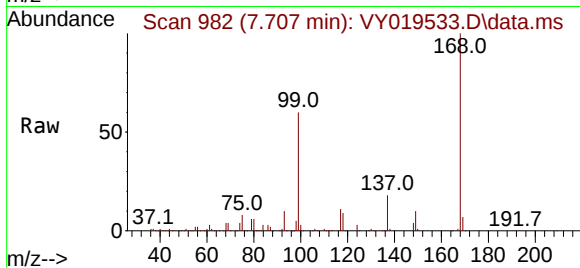




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

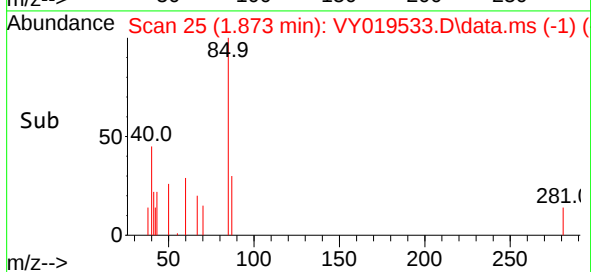
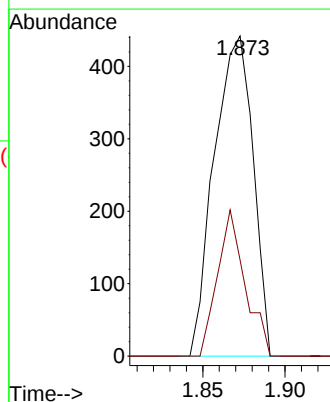
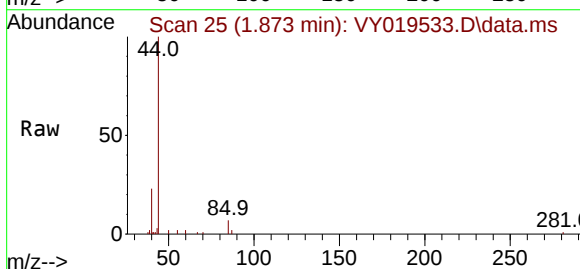
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

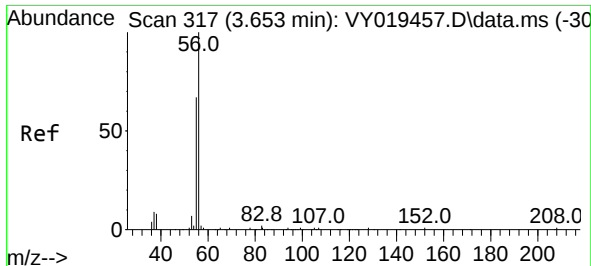
Tgt Ion:168 Resp: 450626
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

Tgt Ion: 85 Resp: 726
Ion Ratio Lower Upper
85 100
87 30.1 16.0 48.0

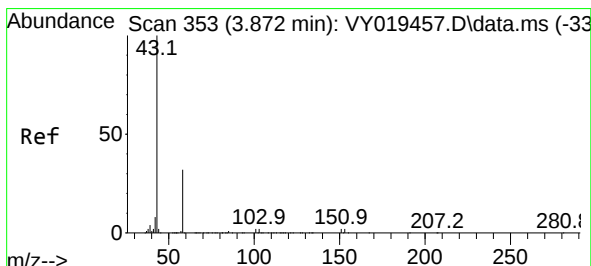
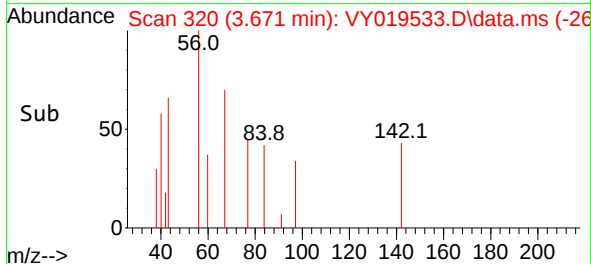
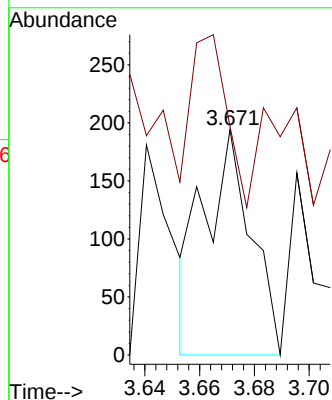
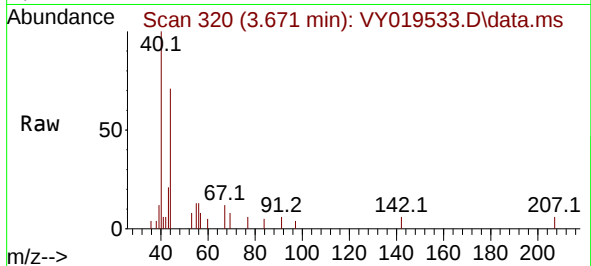




#13
Acrolein
Concen: Below Cal
RT: 3.671 min Scan# 317
Delta R.T. 0.018 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

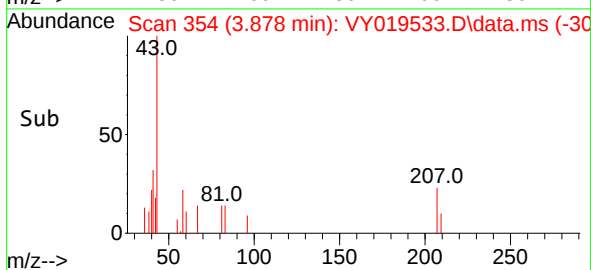
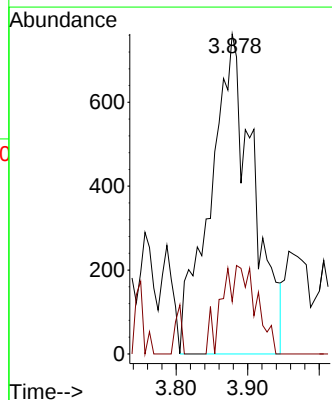
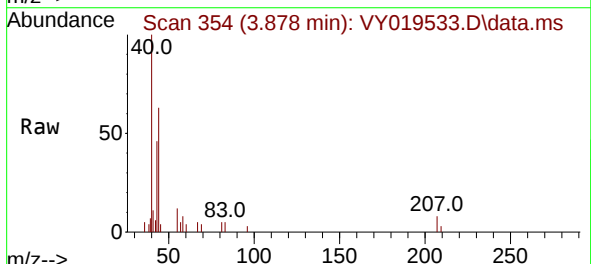
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

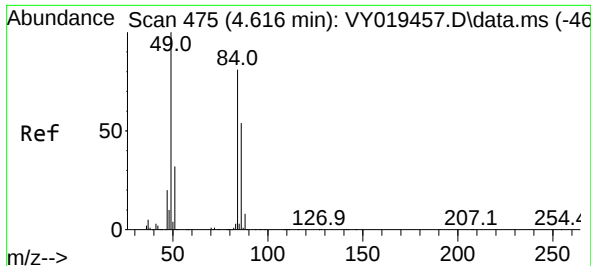
Tgt Ion: 56 Resp: 230
Ion Ratio Lower Upper
56 100
55 63.9 55.7 83.5



#16
Acetone
Concen: 3.210 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

Tgt Ion: 43 Resp: 3191
Ion Ratio Lower Upper
43 100
58 16.4 31.7 47.5#

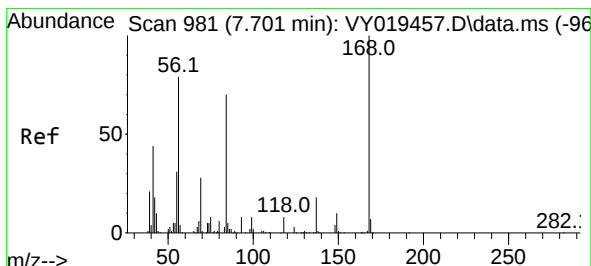
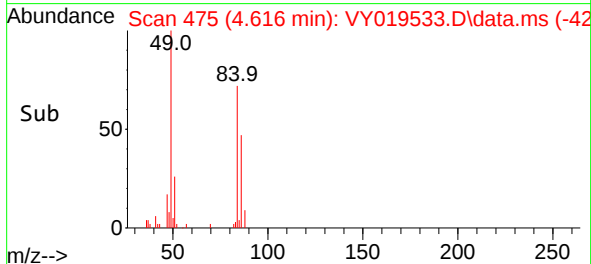
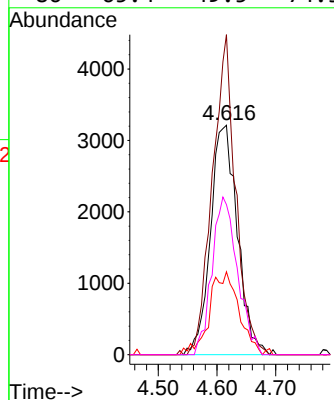
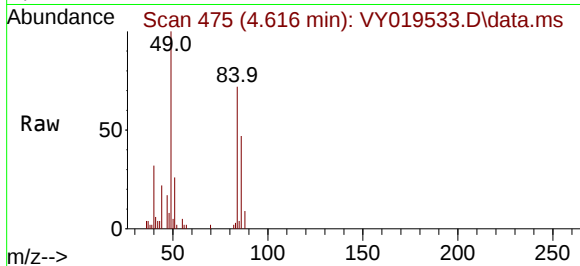




#20
Methylene Chloride
Concen: 2.264 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

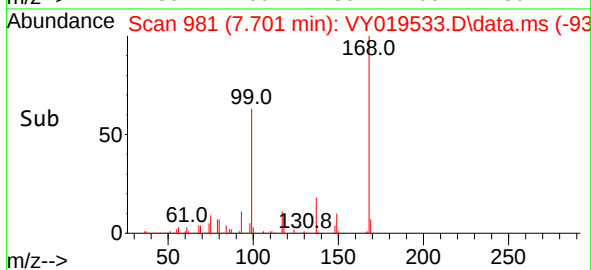
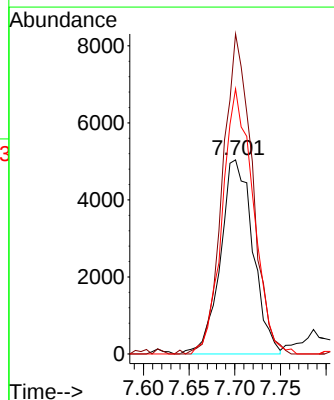
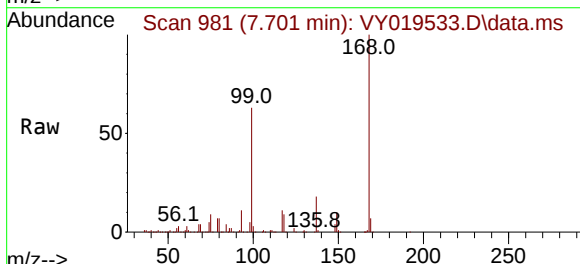
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

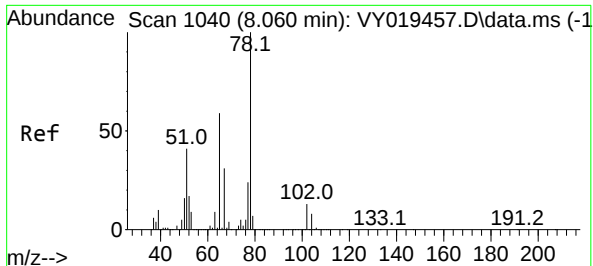
Tgt Ion:	84	Resp:	10262
Ion	Ratio	Lower	Upper
84	100		
49	139.5	84.4	126.6#
51	36.2	26.0	39.0
86	65.4	49.5	74.3



#31
Cyclohexane
Concen: 1.664 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

Tgt Ion:	56	Resp:	12426
Ion	Ratio	Lower	Upper
56	100		
69	162.9	28.7	43.1#
84	136.7	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 56.404 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019533.D

Acq: 13 Sep 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

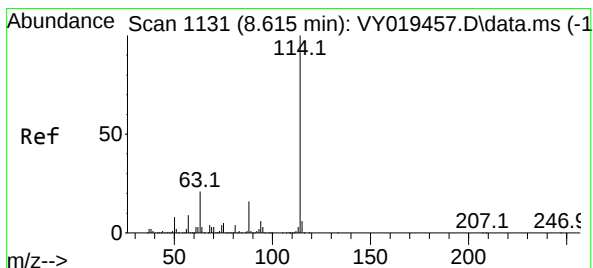
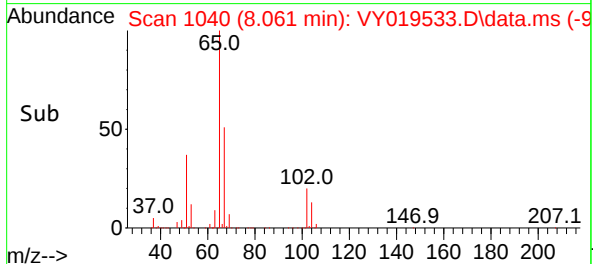
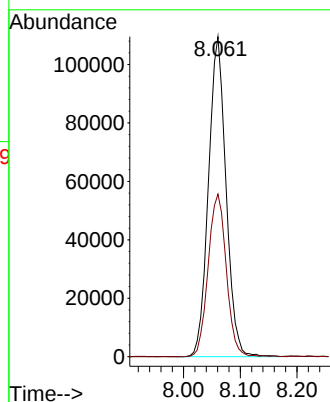
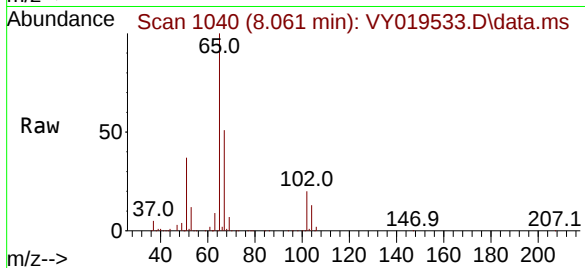
VY0913SBL01

Tgt Ion: 65 Resp: 235357

Ion Ratio Lower Upper

65 100

67 52.6 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: VY019533.D

Acq: 13 Sep 2024 11:00

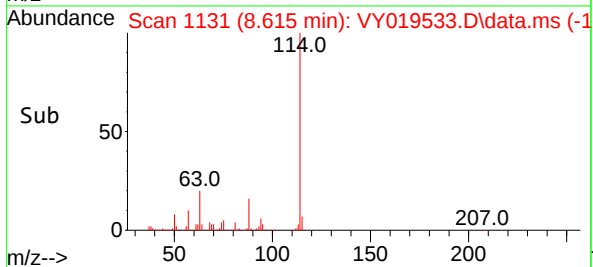
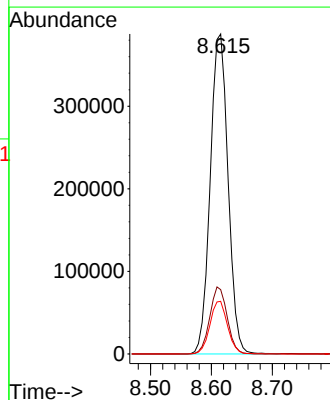
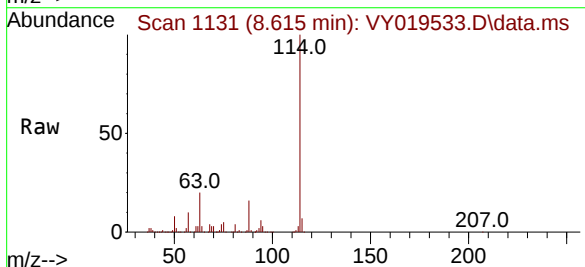
Tgt Ion: 114 Resp: 787672

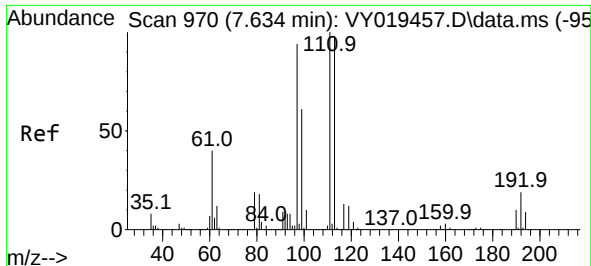
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

88 16.4 0.0 27.2

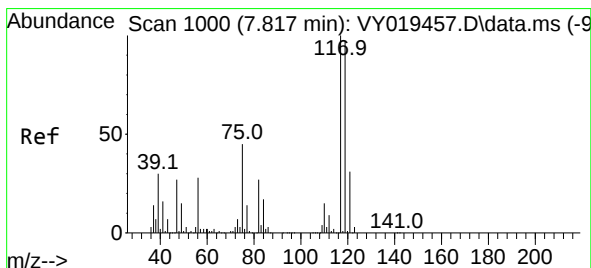
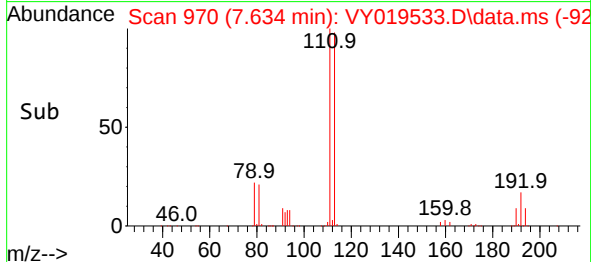
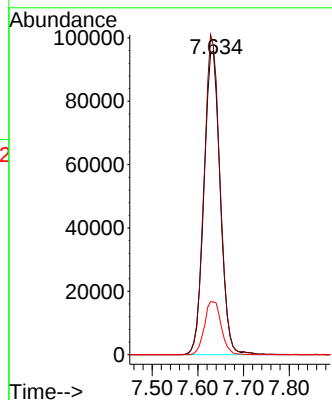
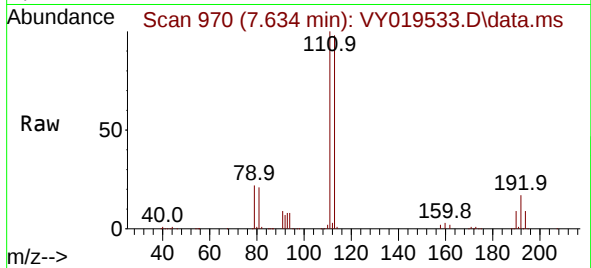




#35
Dibromofluoromethane
Concen: 52.836 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

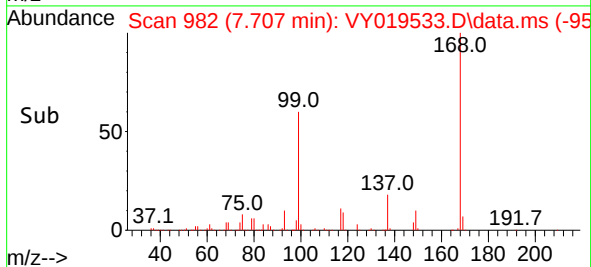
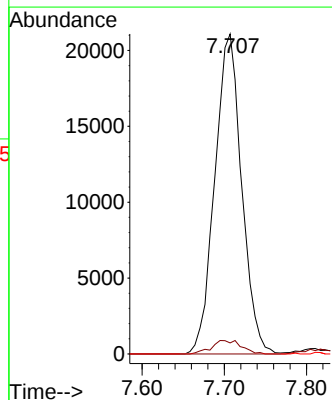
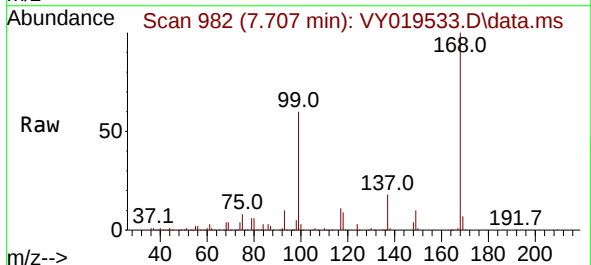
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

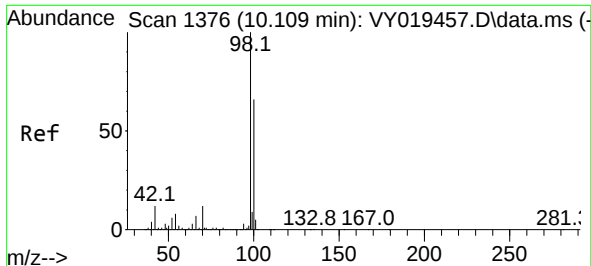
Tgt Ion:113 Resp: 235965
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 18.0 15.9 23.9



#38
Carbon Tetrachloride
Concen: 6.992 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

Tgt Ion:117 Resp: 47912
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.6#
121 0.0 24.0 36.0#

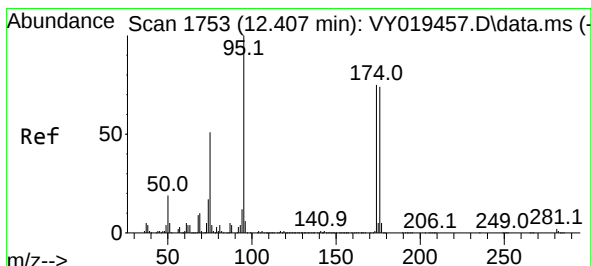
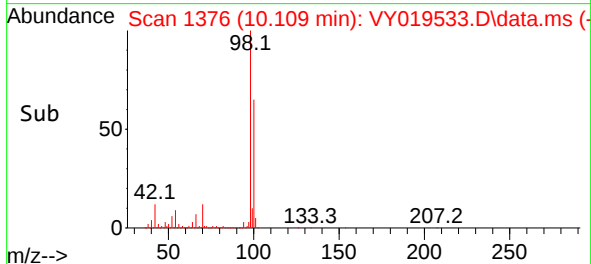
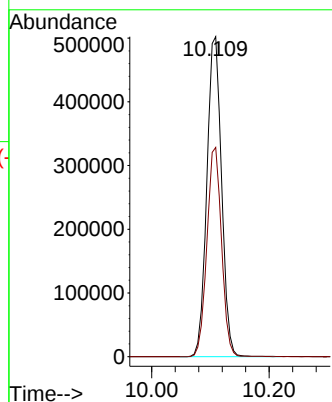
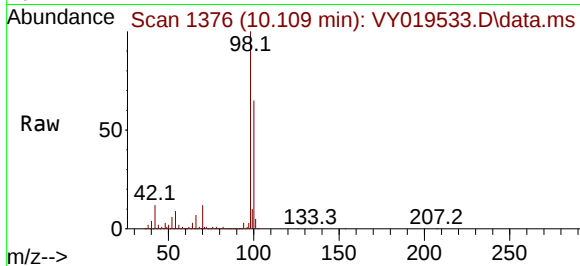




#50
Toluene-d8
Concen: 52.783 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

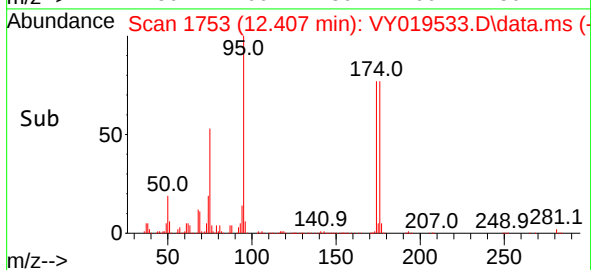
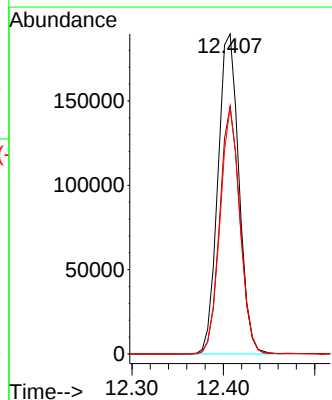
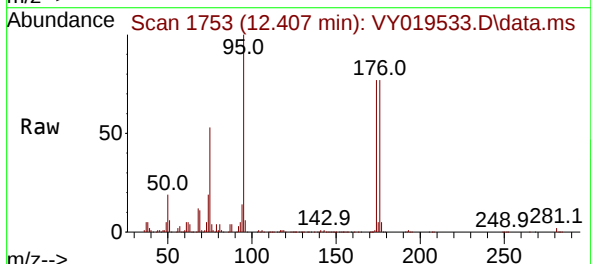
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

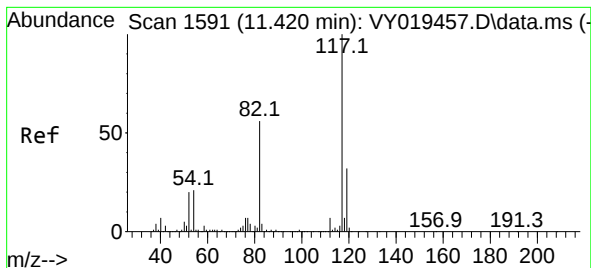
Tgt Ion: 98 Resp: 871899
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.731 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

Tgt Ion: 95 Resp: 303161
Ion Ratio Lower Upper
95 100
174 74.9 0.0 175.6
176 72.9 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: VY019533.D

Acq: 13 Sep 2024 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0913SBL01

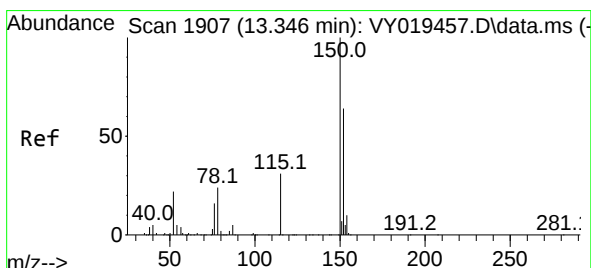
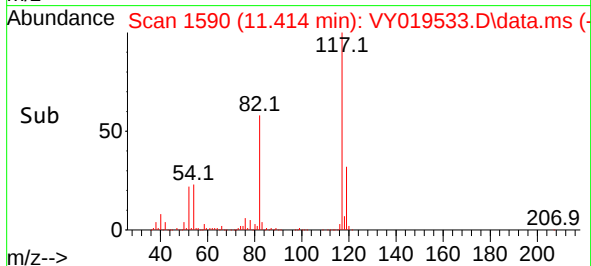
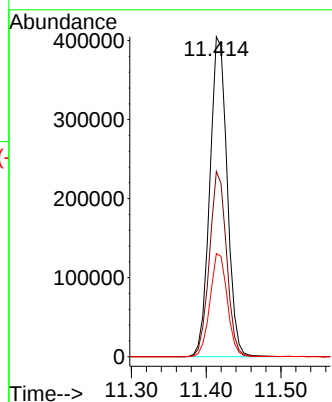
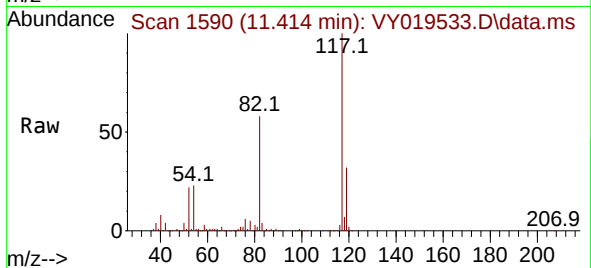
Tgt Ion:117 Resp: 653838

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 32.2 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: VY019533.D

Acq: 13 Sep 2024 11:00

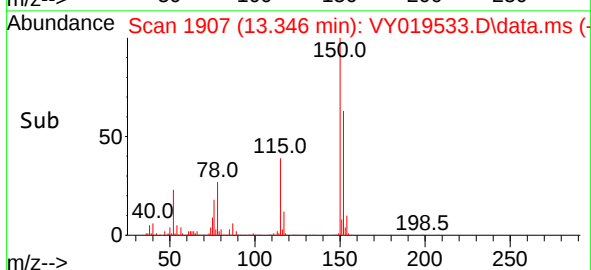
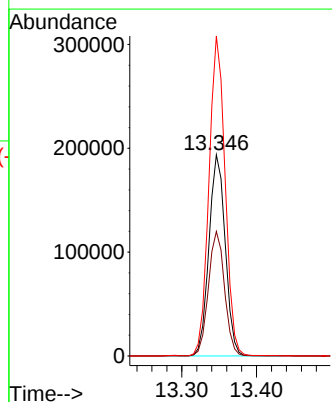
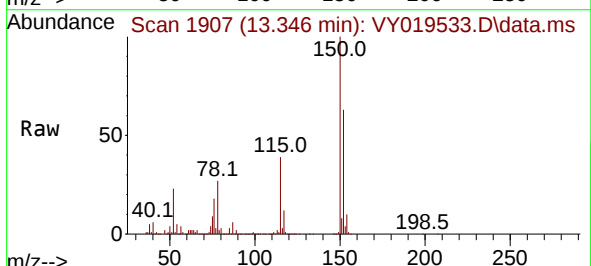
Tgt Ion:152 Resp: 294157

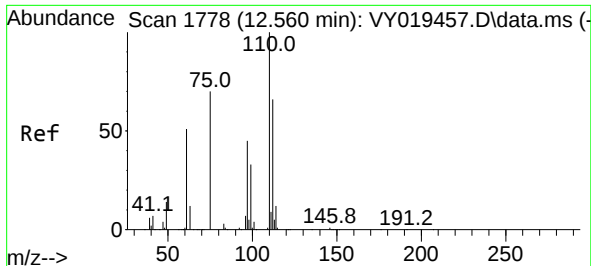
Ion Ratio Lower Upper

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115 61.1 28.2 84.7

150 157.4 0.0 345.6

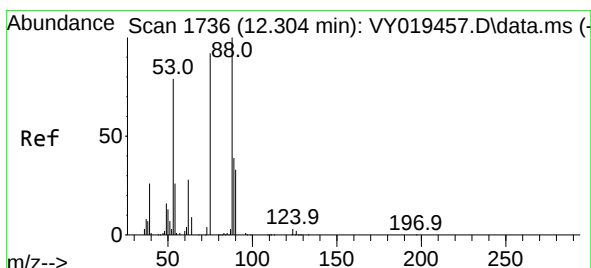
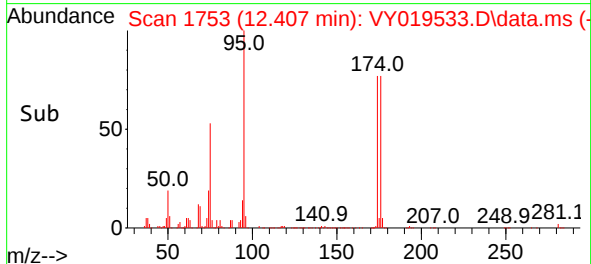
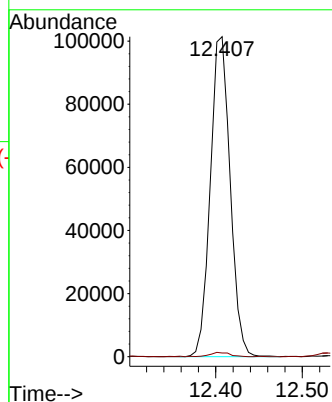
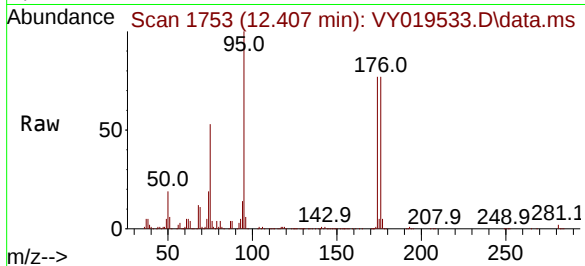




#76
1,2,3-Trichloropropane
Concen: 58.560 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

Tgt Ion: 75 Resp: 161456
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.418 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019533.D
Acq: 13 Sep 2024 11:00

Tgt Ion: 75 Resp: 161456
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

