

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019010.D
 Acq On : 12 Aug 2024 18:26
 Operator : SY/MD
 Sample : P3518-15
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-08-080724RE

Quant Time: Aug 13 01:18:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

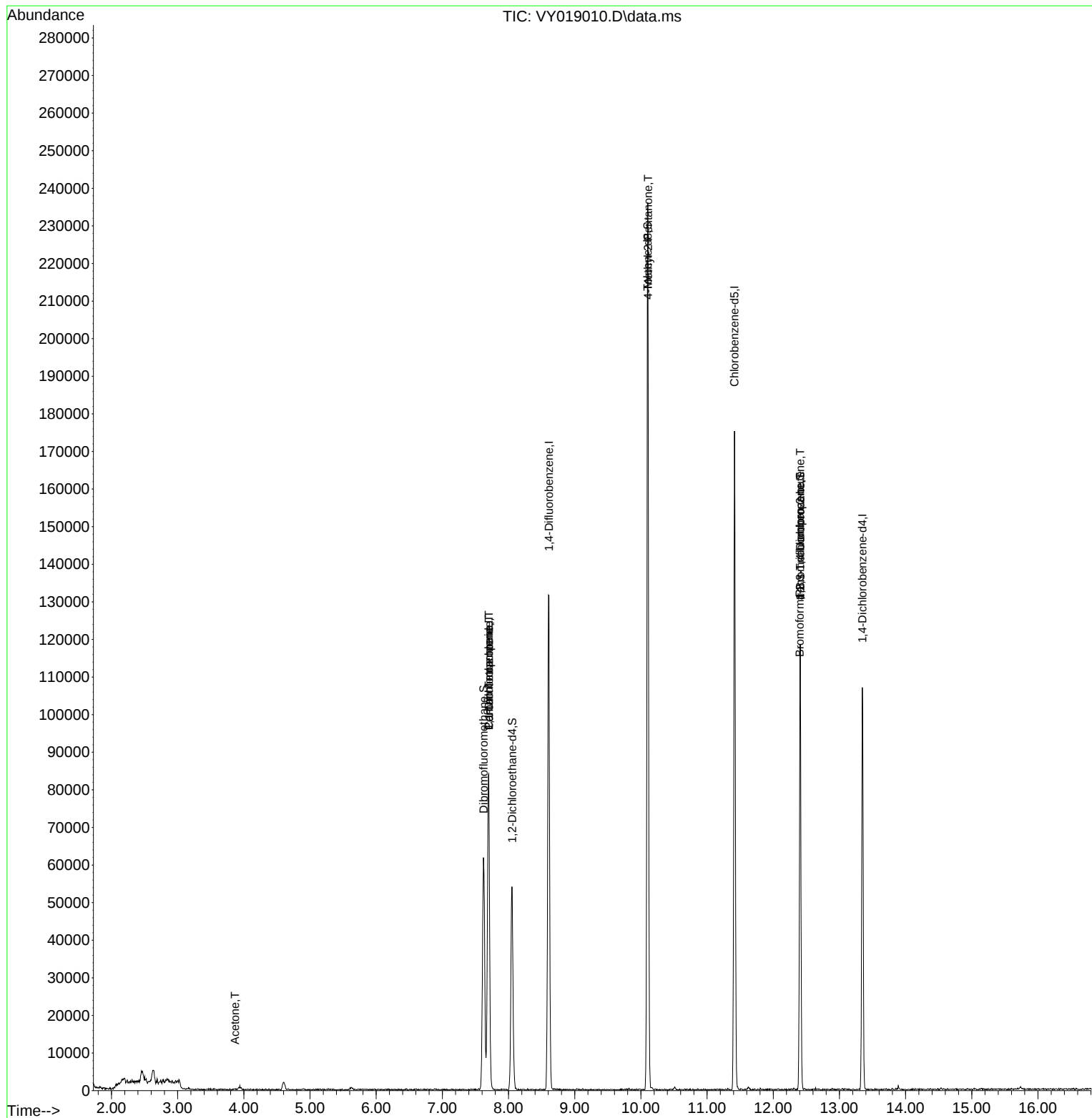
Internal Standards						
1) Pentafluorobenzene	7.701	168	68217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	112589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	85748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	24617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	34107	56.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.900%	
35) Dibromofluoromethane	7.622	113	39276	54.619	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.240%	
50) Toluene-d8	10.103	98	140835	50.989	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.408	95	28523	34.808	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.111	50	63	Below Cal	#	43
16) Acetone	3.866	43	101	13.146	ug/l #	36
20) Methylene Chloride	4.610	84	1212	Below Cal	#	73
31) Cyclohexane	7.695	56	1653	Below Cal	#	73
36) 1,1-Dichloropropene	7.701	75	4926	5.103	ug/l #	45
38) Carbon Tetrachloride	7.701	117	6116	5.526	ug/l #	15
41) Methacrylonitrile	7.006	41	49	Below Cal	#	30
51) 4-Methyl-2-Pentanone	10.109	43	913	1.973	ug/l #	1
71) Bromoform	12.402	173	394	1.151	ug/l #	27
76) 1,2,3-Trichloropropane	12.408	75	17180	93.679	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	17180	193.033	ug/l #	16

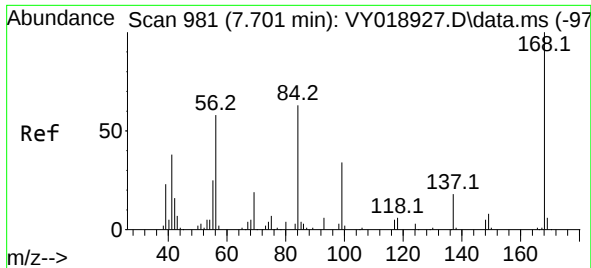
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
Data File : VY019010.D
Acq On : 12 Aug 2024 18:26
Operator : SY/MD
Sample : P3518-15
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-08-080724RE

Quant Time: Aug 13 01:18:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

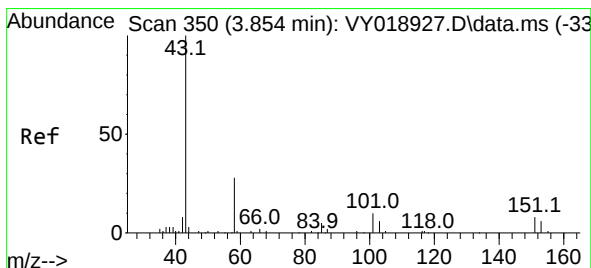
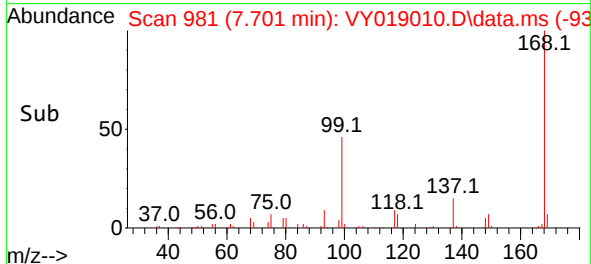
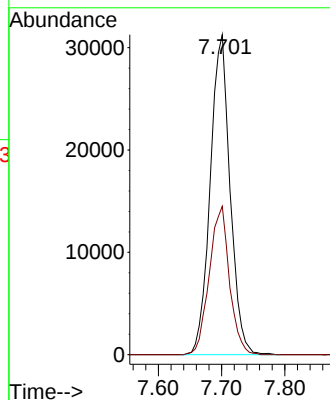
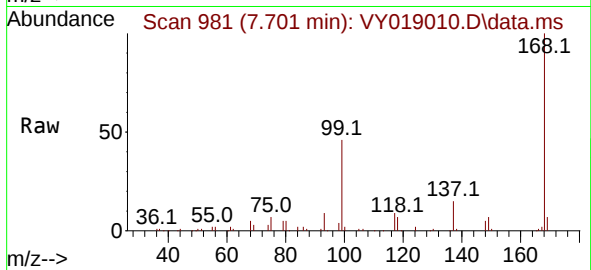




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019010.D
Acq: 12 Aug 2024 18:26

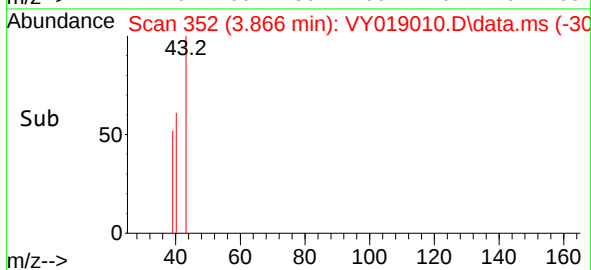
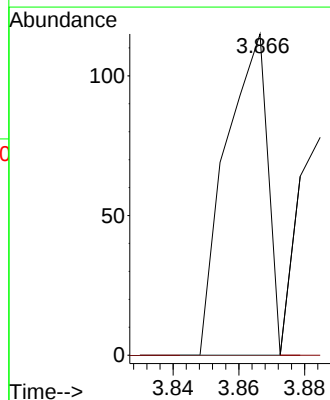
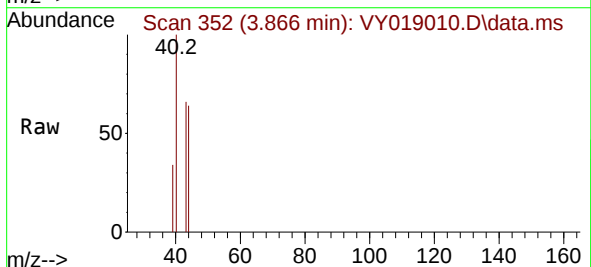
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-08-080724RE

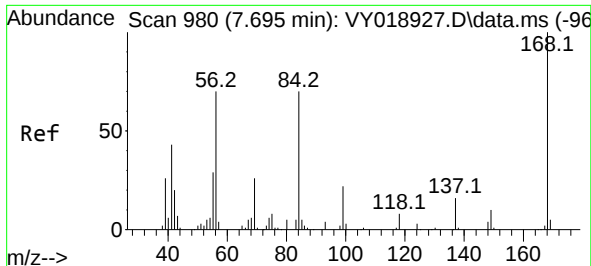
Tgt Ion:168 Resp: 68217
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#16
Acetone
Concen: 13.146 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019010.D
Acq: 12 Aug 2024 18:26

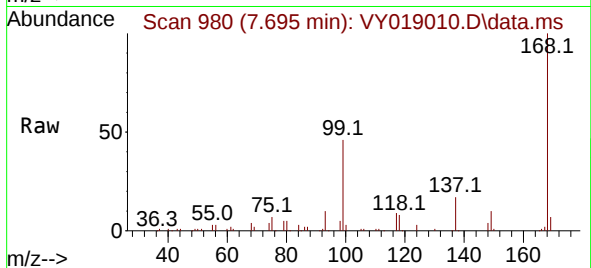
Tgt Ion: 43 Resp: 101
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



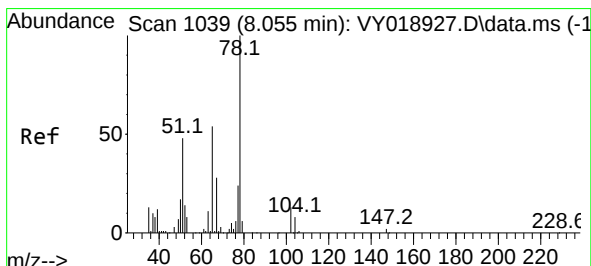
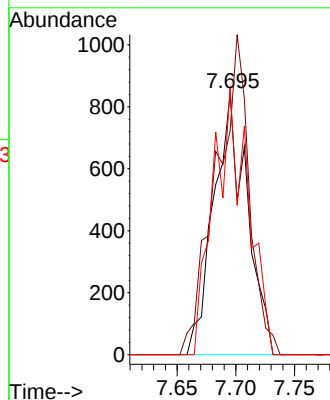
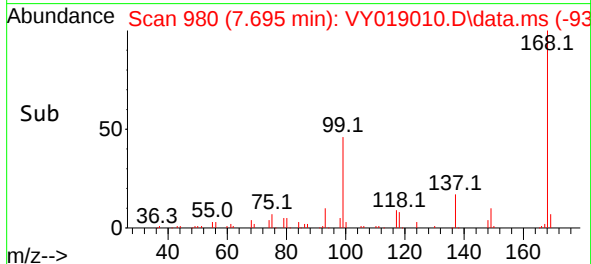


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019010.D
Acq: 12 Aug 2024 18:26

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-08-080724RE

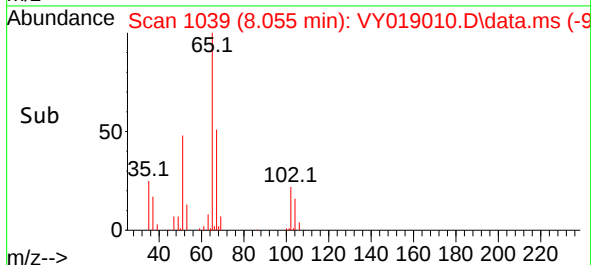
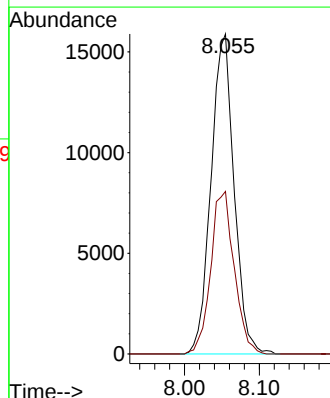
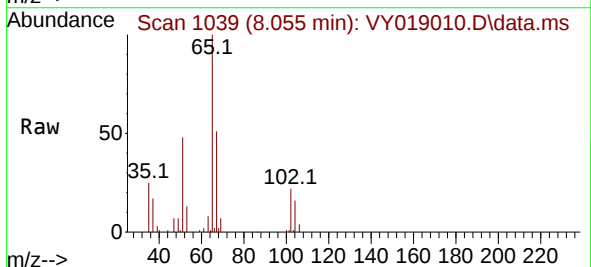


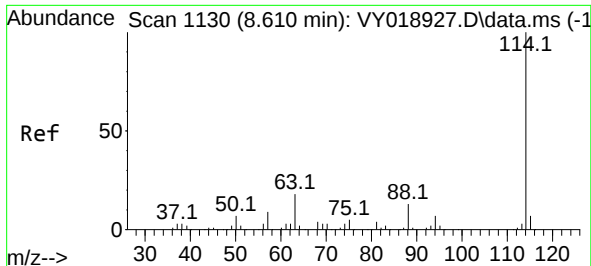
Tgt Ion: 56 Resp: 1653
Ion Ratio Lower Upper
56 100
69 85.7 28.7 43.1#
84 102.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 56.946 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019010.D
Acq: 12 Aug 2024 18:26

Tgt Ion: 65 Resp: 34107
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019010.D

Acq: 12 Aug 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-08-080724RE

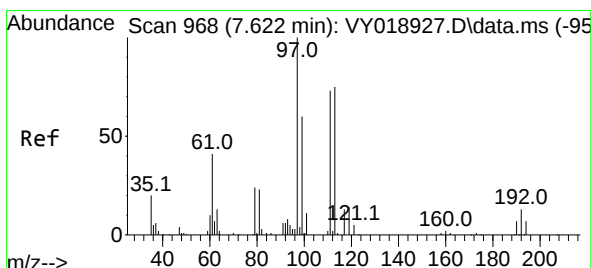
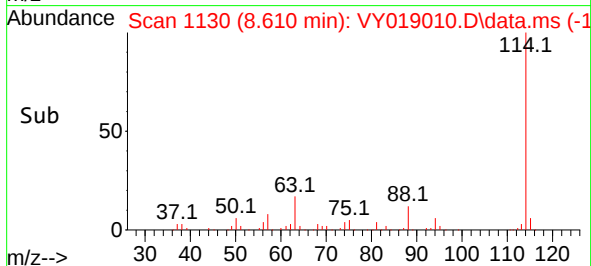
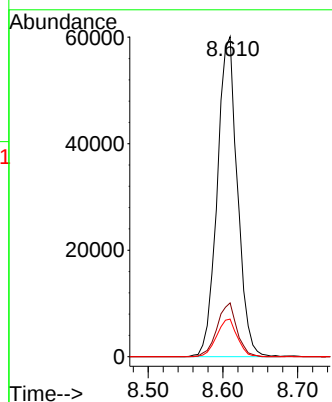
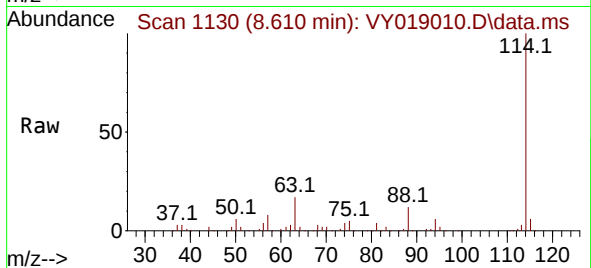
Tgt Ion:114 Resp: 112589

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 11.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.619 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019010.D

Acq: 12 Aug 2024 18:26

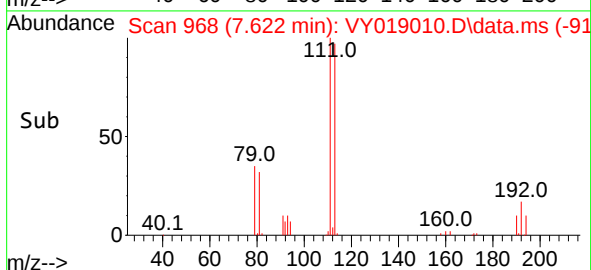
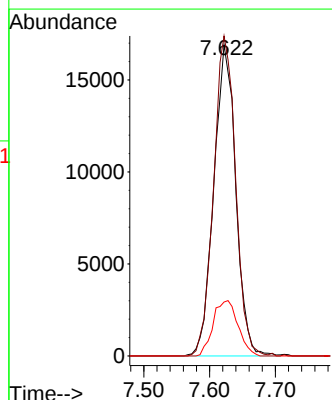
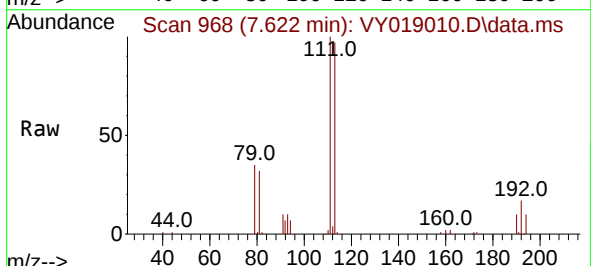
Tgt Ion:113 Resp: 39276

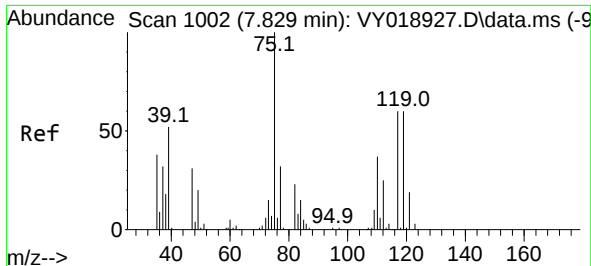
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 20.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.103 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY019010.D

Acq: 12 Aug 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-08-080724RE

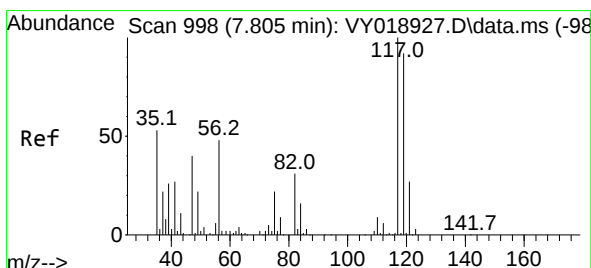
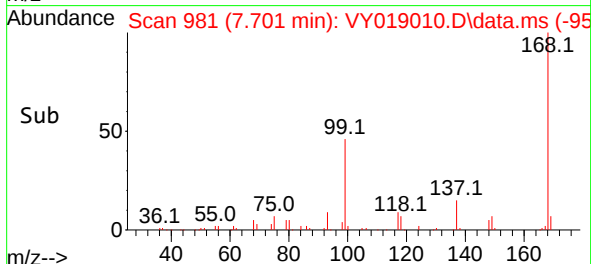
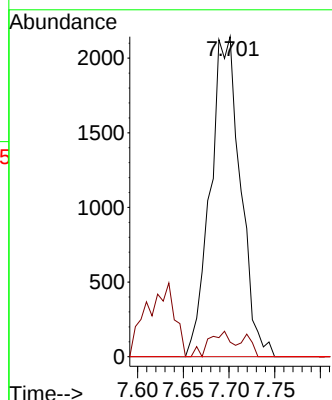
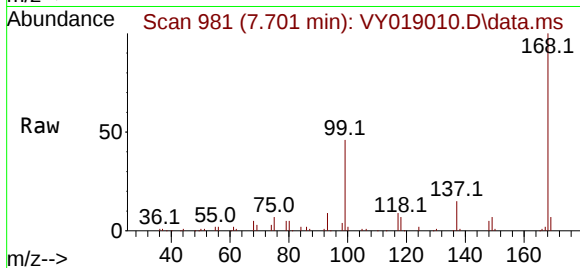
Tgt Ion: 75 Resp: 4926

Ion Ratio Lower Upper

75 100

110 5.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.526 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY019010.D

Acq: 12 Aug 2024 18:26

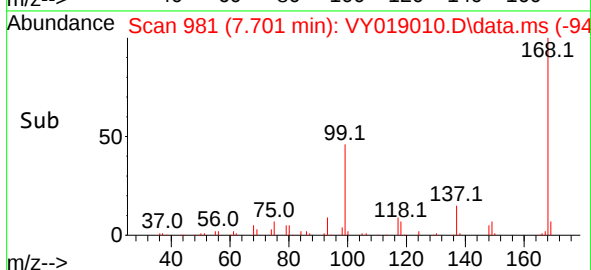
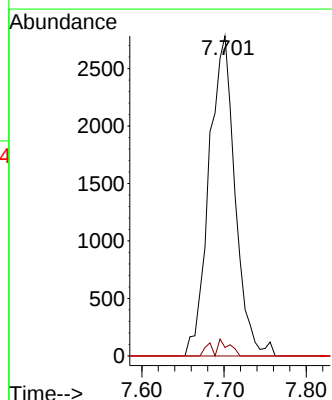
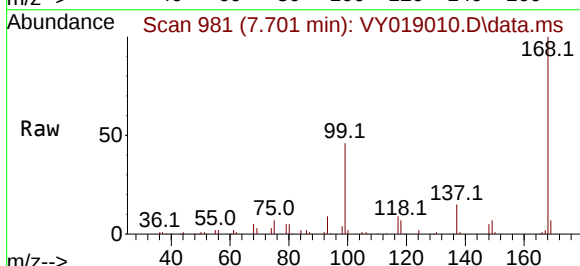
Tgt Ion: 117 Resp: 6116

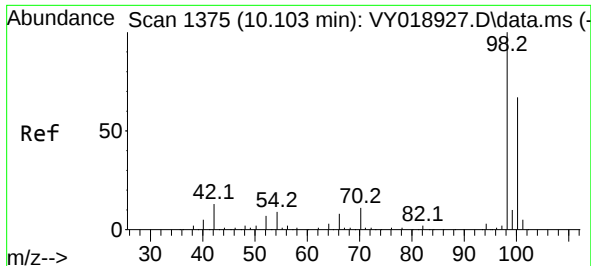
Ion Ratio Lower Upper

117 100

119 2.6 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 50.989 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY019010.D

Acq: 12 Aug 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

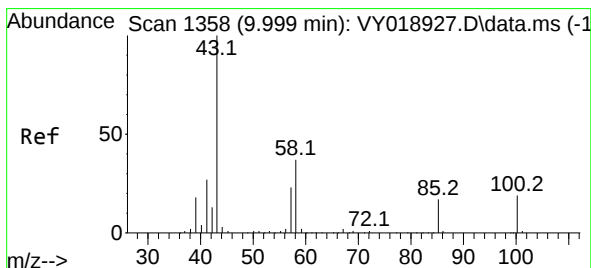
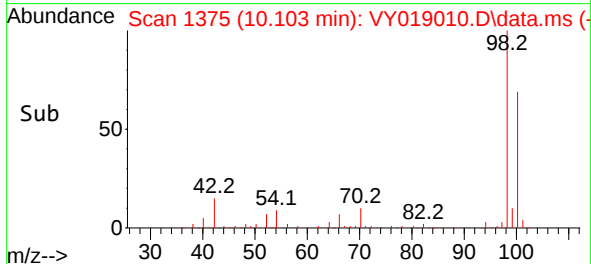
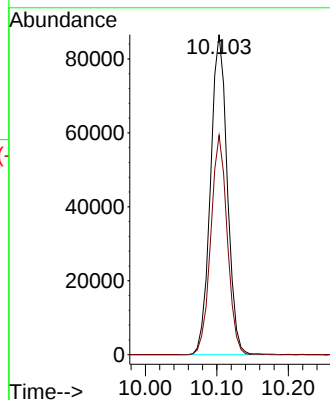
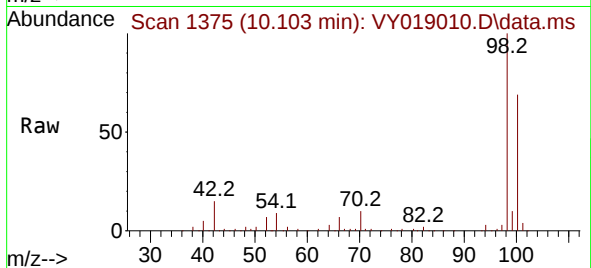
OU4-TS-08-080724RE

Tgt Ion: 98 Resp: 140835

Ion Ratio Lower Upper

98 100

100 67.2 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.973 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.110 min

Lab File: VY019010.D

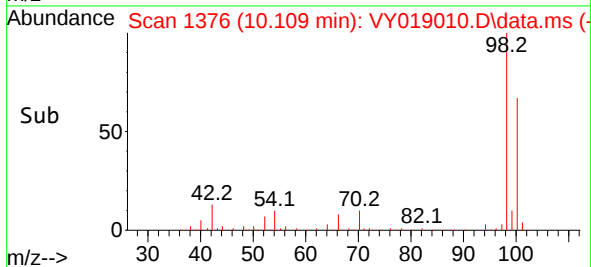
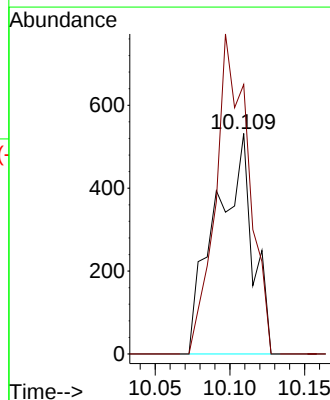
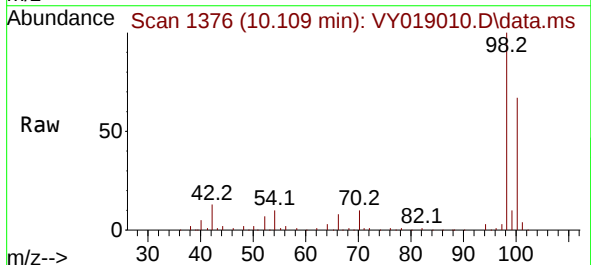
Acq: 12 Aug 2024 18:26

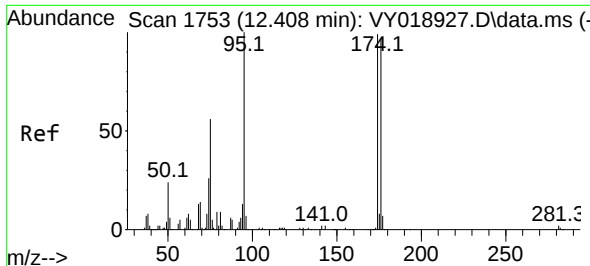
Tgt Ion: 43 Resp: 913

Ion Ratio Lower Upper

43 100

58 129.2 35.7 53.5#

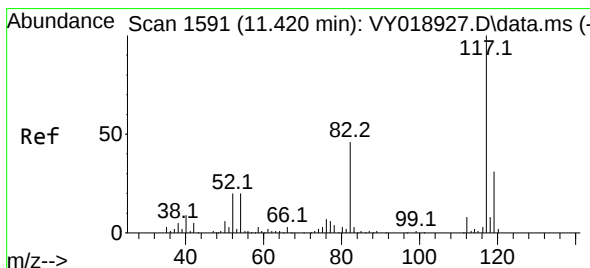
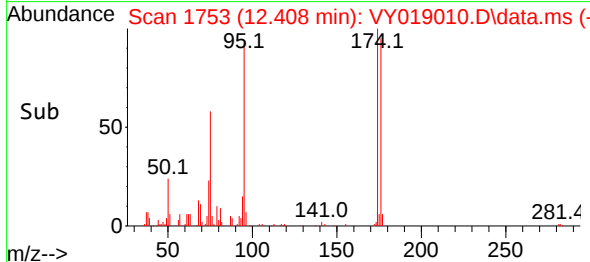
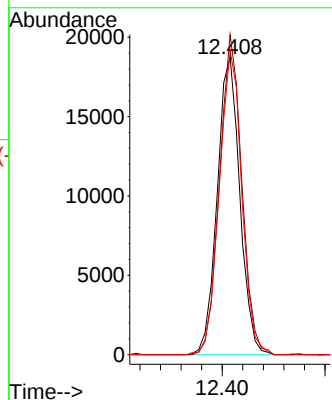
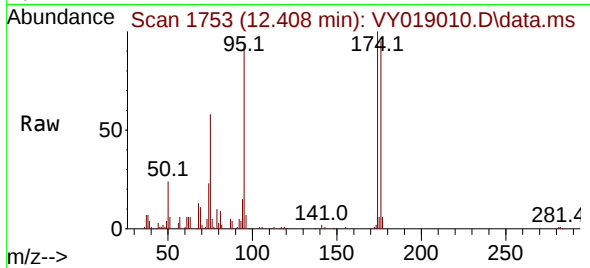




#62
4-Bromofluorobenzene
Concen: 34.808 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019010.D
Acq: 12 Aug 2024 18:26

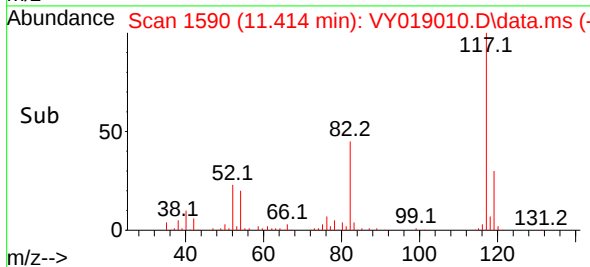
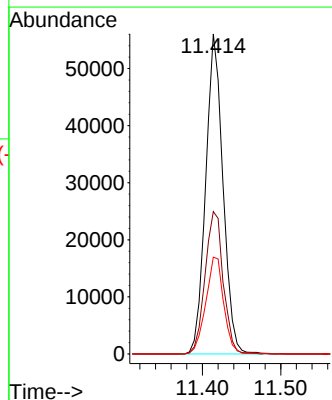
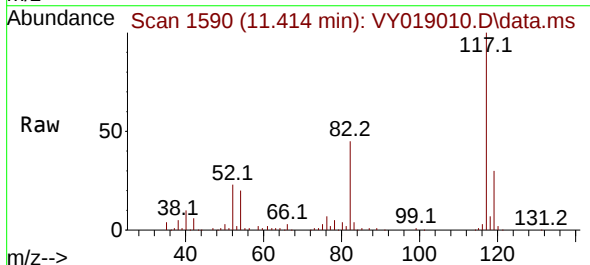
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-08-080724RE

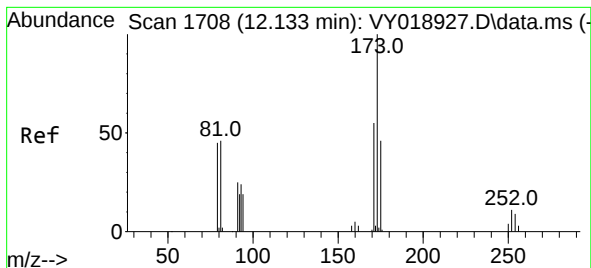
Tgt Ion:	95	Resp:	28523
Ion	Ratio	Lower	Upper
95	100		
174	105.9	0.0	175.6
176	101.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019010.D
Acq: 12 Aug 2024 18:26

Tgt Ion:	117	Resp:	85748
Ion	Ratio	Lower	Upper
117	100		
82	44.5	42.4	63.6
119	30.2	25.9	38.9





#71

Bromoform

Concen: 1.151 ug/l

RT: 12.402 min Scan# 11

Delta R.T. 0.268 min

Lab File: VY019010.D

Acq: 12 Aug 2024 18:26

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-08-080724RE

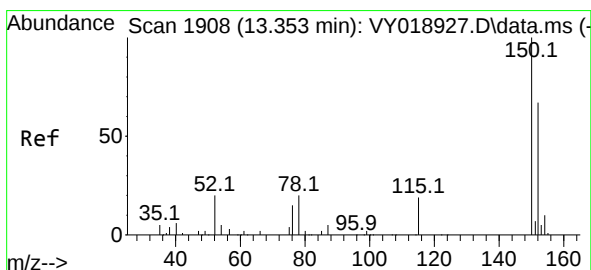
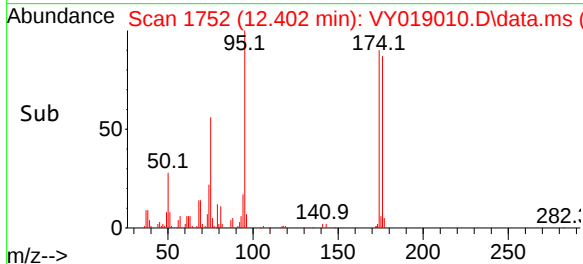
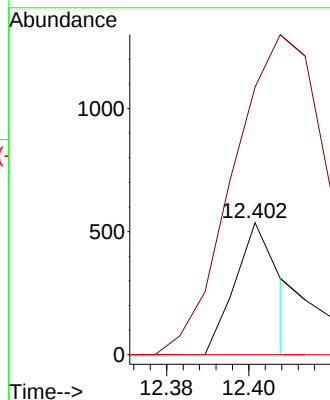
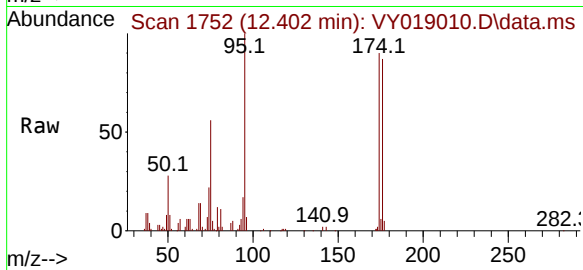
Tgt Ion:173 Resp: 394

Ion Ratio Lower Upper

173 100

175 0.0 25.1 75.3#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019010.D

Acq: 12 Aug 2024 18:26

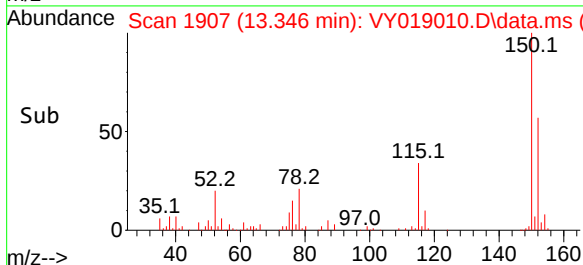
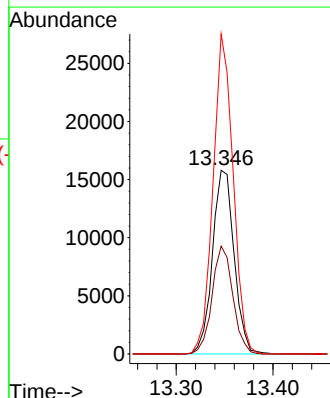
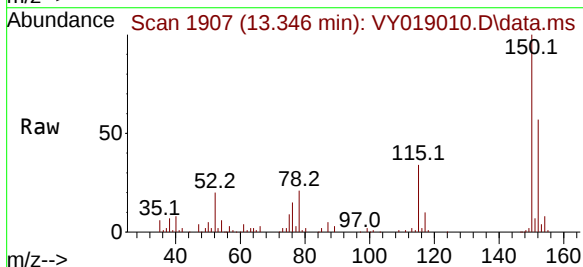
Tgt Ion:152 Resp: 24617

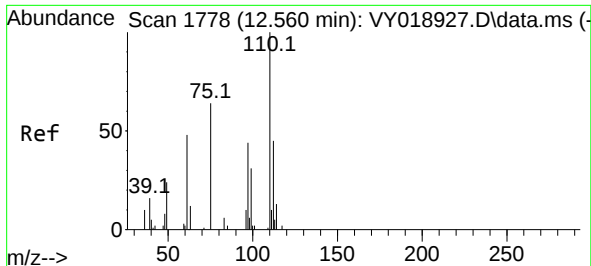
Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 161.1 0.0 345.6

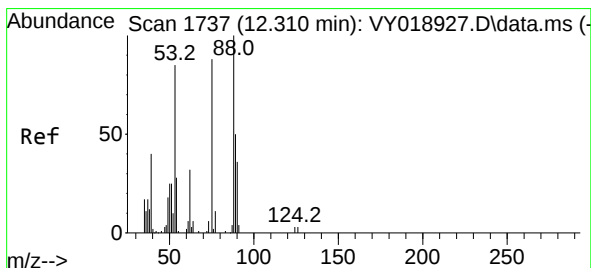
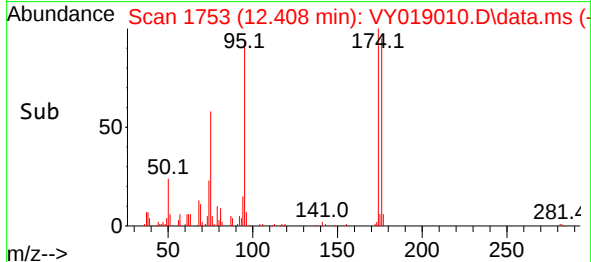
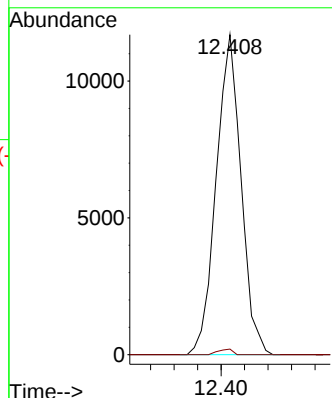
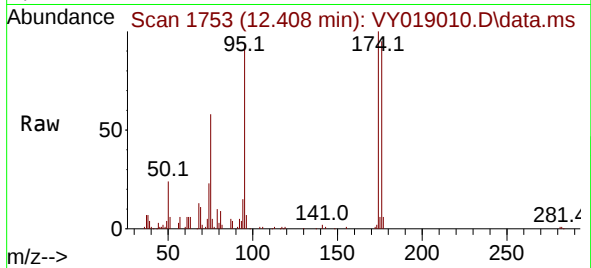




#76
1,2,3-Trichloropropane
Concen: 93.679 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019010.D
Acq: 12 Aug 2024 18:26

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-08-080724RE

Tgt Ion: 75 Resp: 17180
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 193.033 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY019010.D
Acq: 12 Aug 2024 18:26

Tgt Ion: 75 Resp: 17180
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

