

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018999.D
 Acq On : 12 Aug 2024 13:57
 Operator : SY/MD
 Sample : P3519-11
 Misc : 3.96g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-21-080724

Quant Time: Aug 13 01:14:35 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)

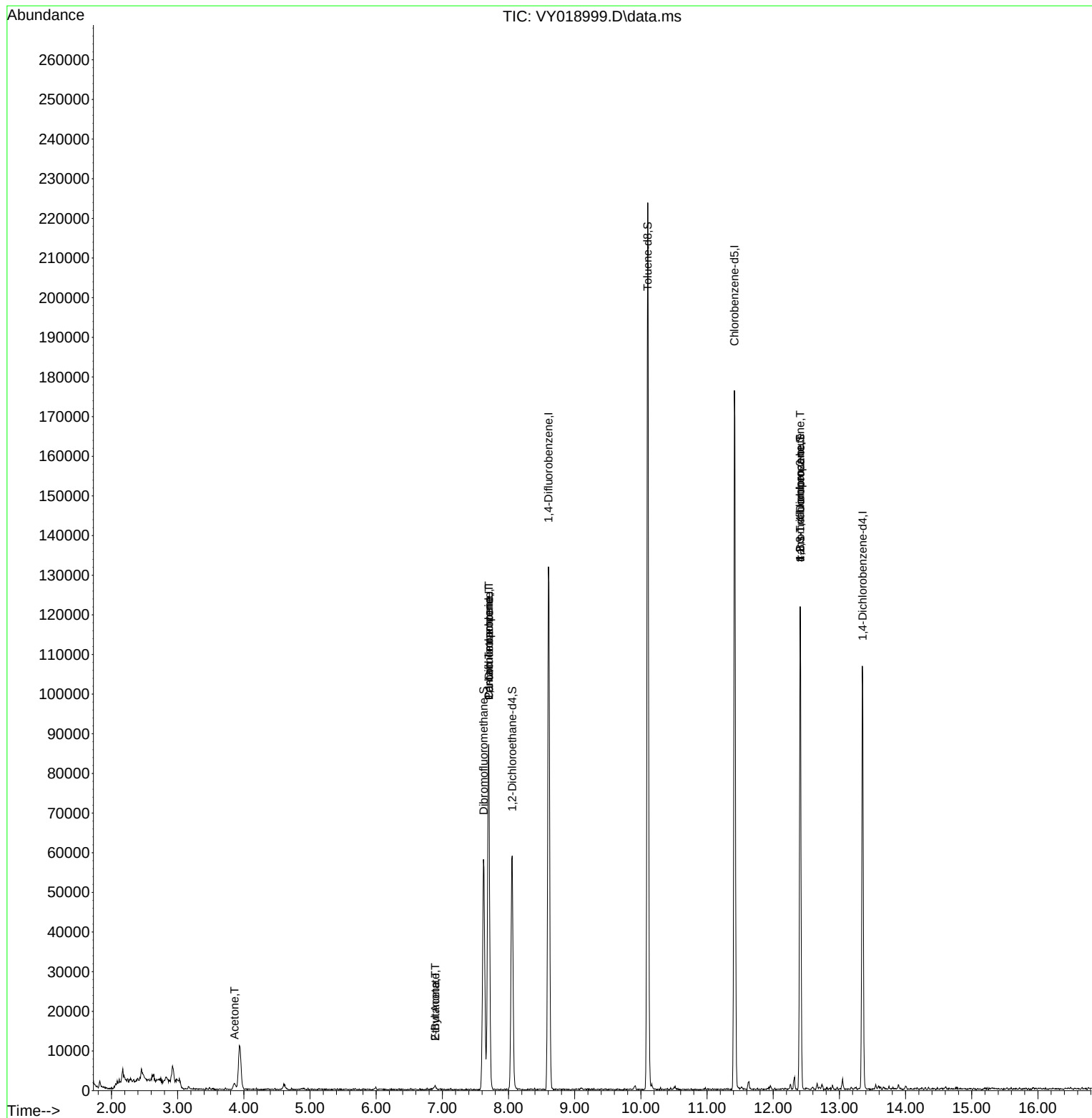
Internal Standards						
1) Pentafluorobenzene	7.701	168	71848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	111253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	85877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	24866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	36988	58.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.260%	
35) Dibromofluoromethane	7.622	113	36812	51.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.620%	
50) Toluene-d8	10.103	98	135641	49.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.408	95	29208	36.072	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 72.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.086	50	21	Below Cal	#	43
11) Tert butyl alcohol	4.836	59	126	Below Cal	#	88
16) Acetone	3.860	43	2680	28.172	ug/l #	69
20) Methylene Chloride	4.616	84	802	Below Cal	#	59
25) 2-Butanone	6.890	43	1314	6.433	ug/l	89
31) Cyclohexane	7.695	56	1818	Below Cal	#	56
36) 1,1-Dichloropropene	7.701	75	5231	5.484	ug/l #	45
37) Ethyl Acetate	6.890	43	1314	3.014	ug/l #	72
38) Carbon Tetrachloride	7.701	117	6305	5.765	ug/l #	16
41) Methacrylonitrile	7.201	41	54	Below Cal	#	35
76) 1,2,3-Trichloropropane	12.408	75	17222	92.967	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	17222	191.568	ug/l #	16

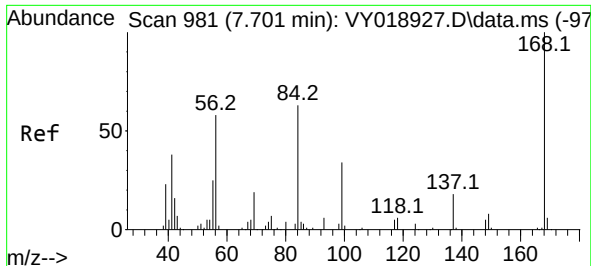
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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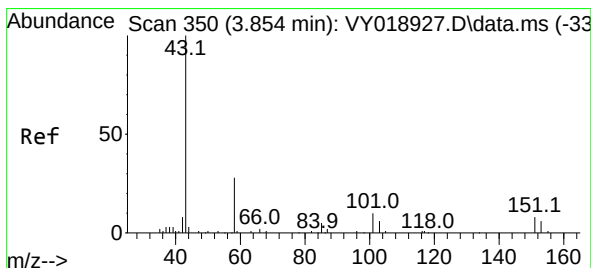
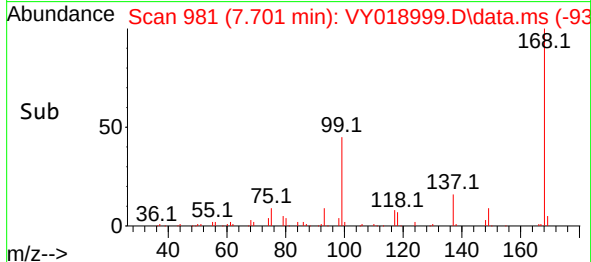
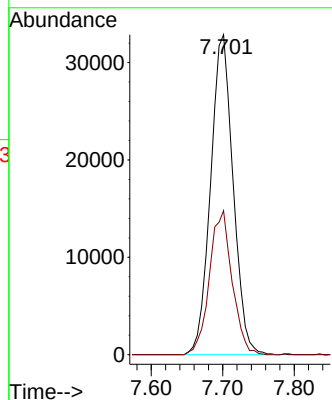
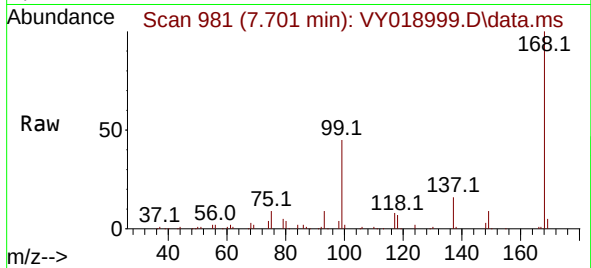




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018999.D
Acq: 12 Aug 2024 13:57

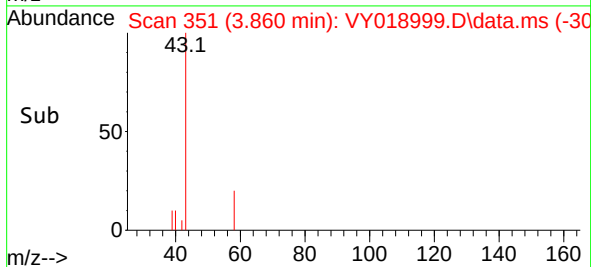
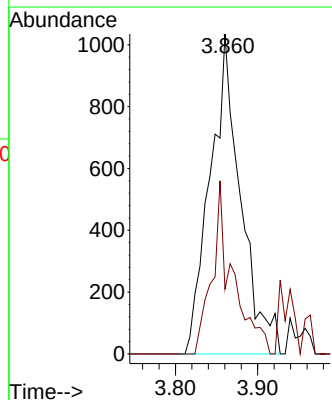
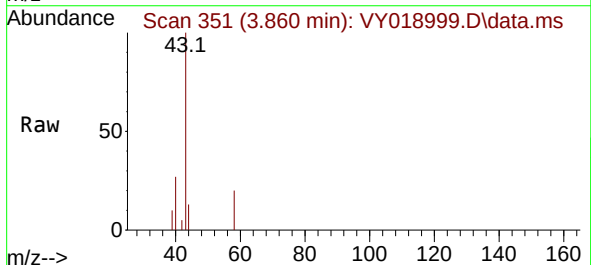
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-21-080724

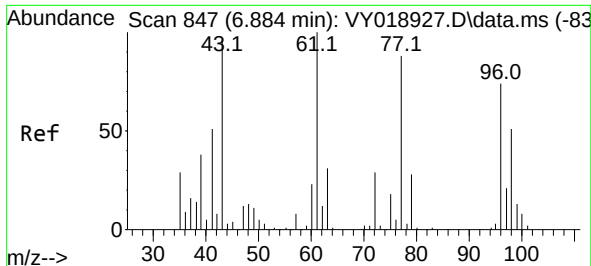
Tgt Ion:168 Resp: 71848
Ion Ratio Lower Upper
168 100
99 45.0 39.1 58.7



#16
Acetone
Concen: 28.172 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY018999.D
Acq: 12 Aug 2024 13:57

Tgt Ion: 43 Resp: 2680
Ion Ratio Lower Upper
43 100
58 20.3 31.7 47.5#





#25

2-Butanone

Concen: 6.433 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY018999.D

Acq: 12 Aug 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

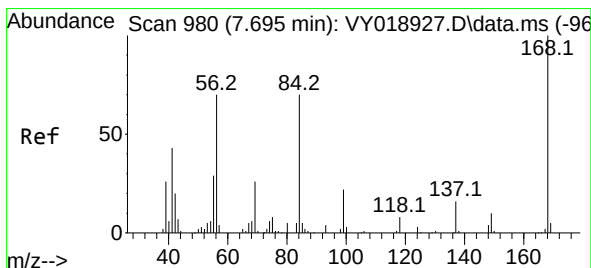
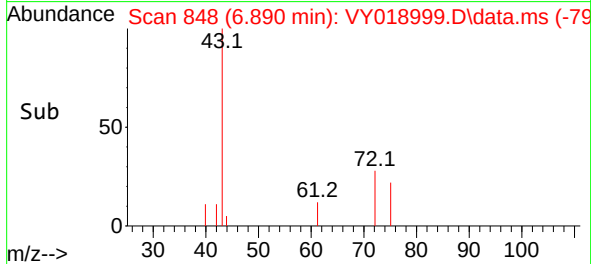
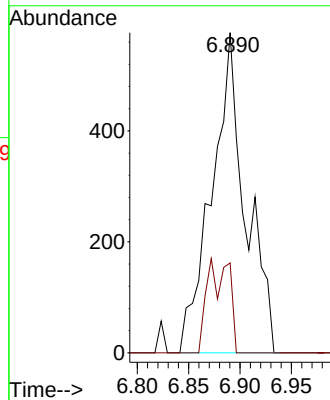
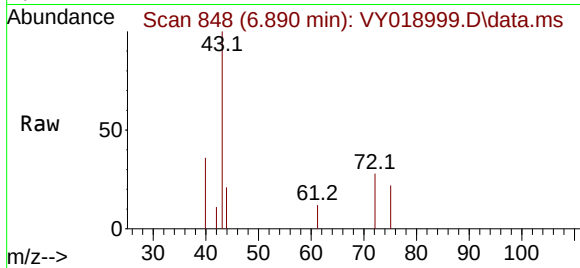
OU4-TS-21-080724

Tgt Ion: 43 Resp: 1314

Ion Ratio Lower Upper

43 100

72 28.1 27.3 40.9



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY018999.D

Acq: 12 Aug 2024 13:57

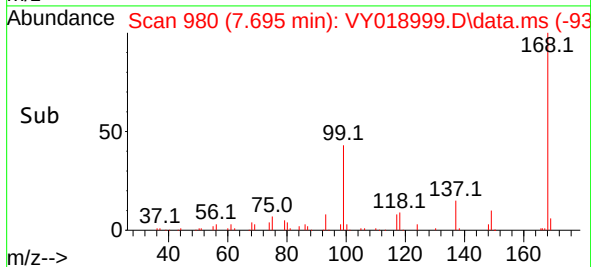
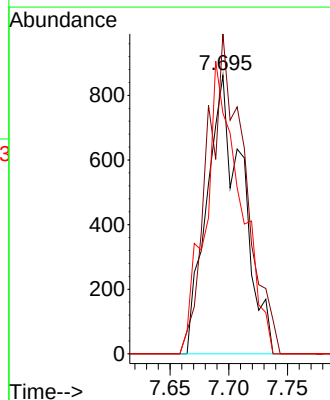
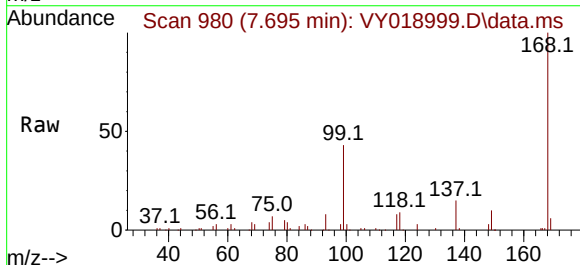
Tgt Ion: 56 Resp: 1818

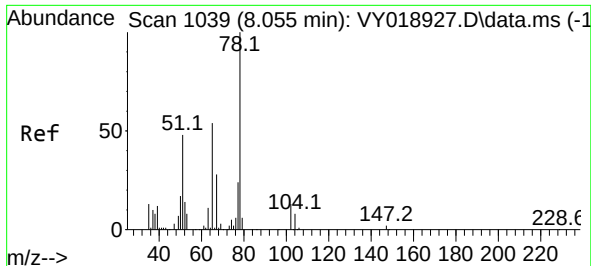
Ion Ratio Lower Upper

56 100

69 114.8 28.7 43.1#

84 86.4 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 58.635 ug/l

RT: 8.055 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VY018999.D

Acq: 12 Aug 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

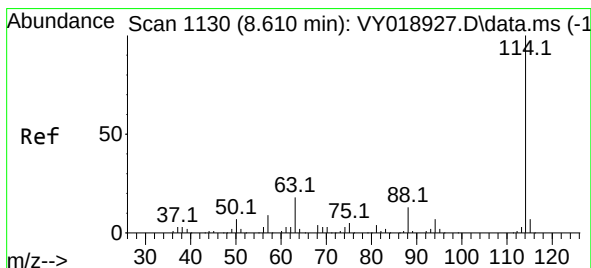
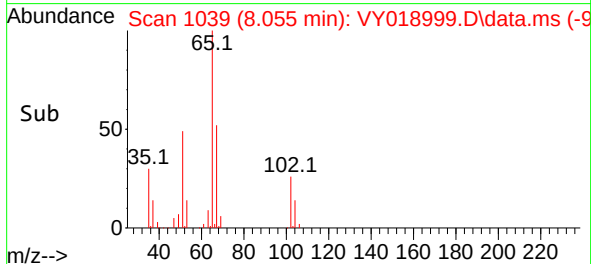
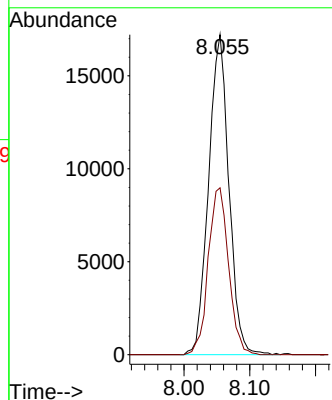
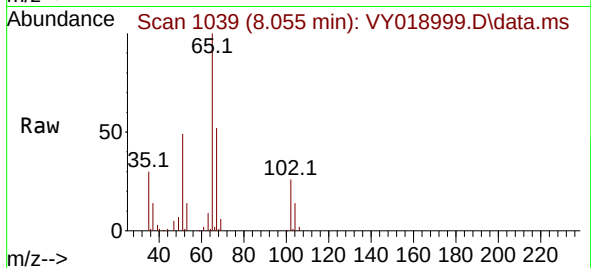
OU4-TS-21-080724

Tgt Ion: 65 Resp: 36988

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY018999.D

Acq: 12 Aug 2024 13:57

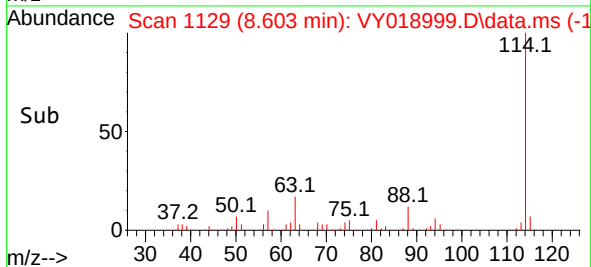
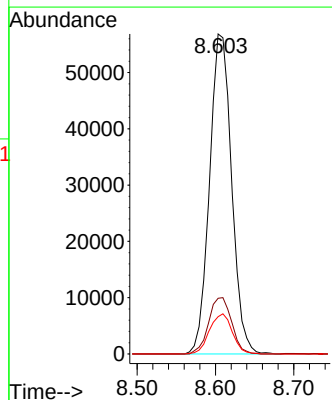
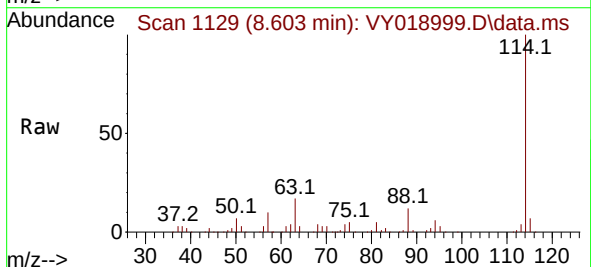
Tgt Ion: 114 Resp: 111253

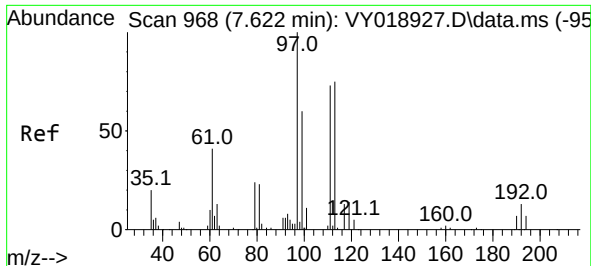
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

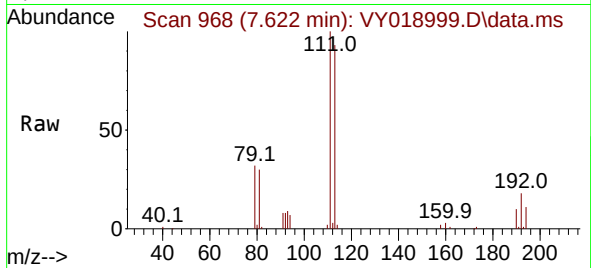
88 11.6 0.0 27.2



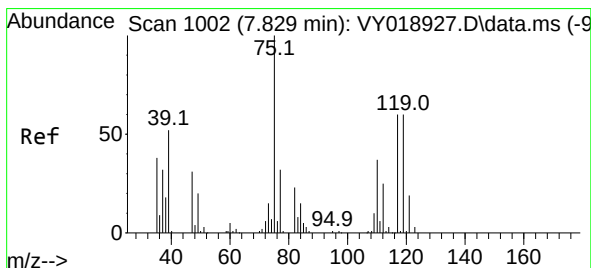
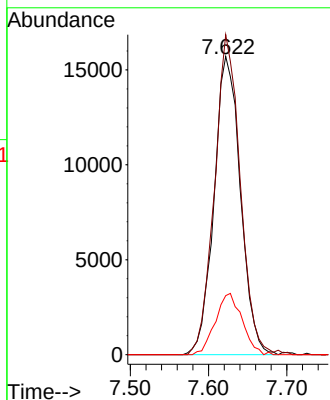
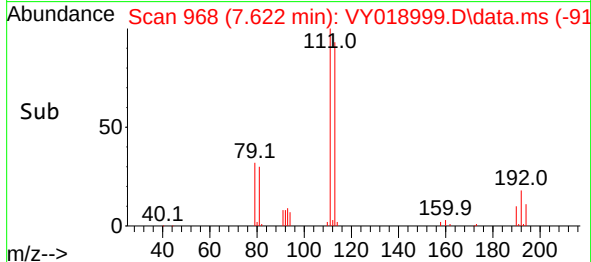


#35
Dibromofluoromethane
Concen: 51.807 ug/l
RT: 7.622 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY018999.D
Acq: 12 Aug 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-21-080724

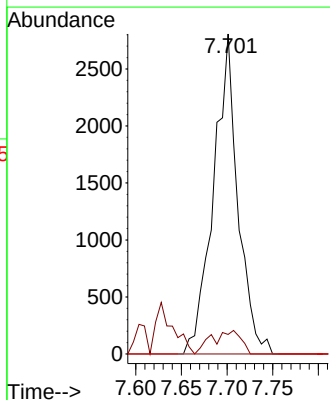
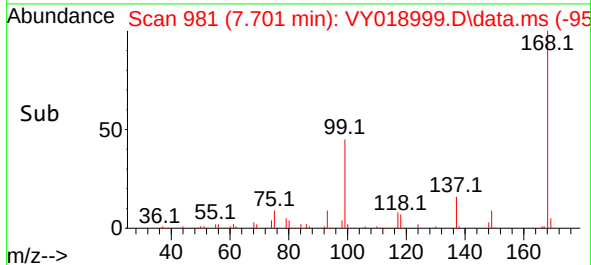
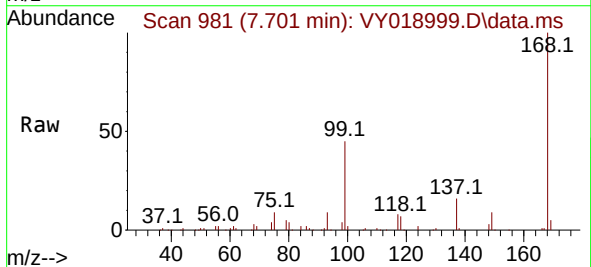


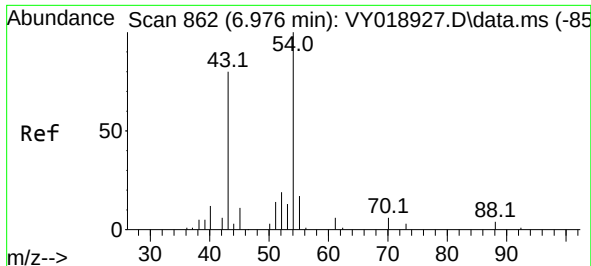
Tgt Ion:113 Resp: 36812
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.484 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY018999.D
Acq: 12 Aug 2024 13:57

Tgt Ion: 75 Resp: 5231
Ion Ratio Lower Upper
75 100
110 5.7 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.014 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY018999.D

Acq: 12 Aug 2024 13:57

Instrument :

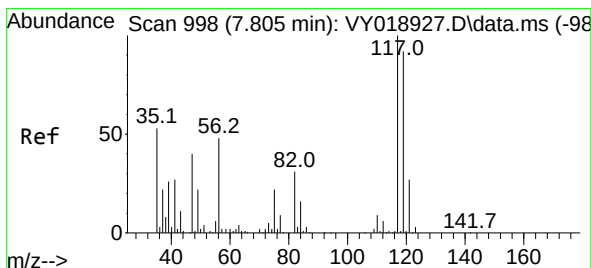
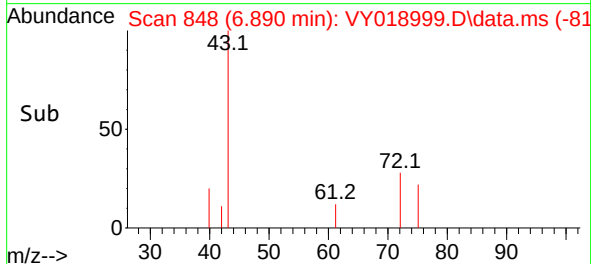
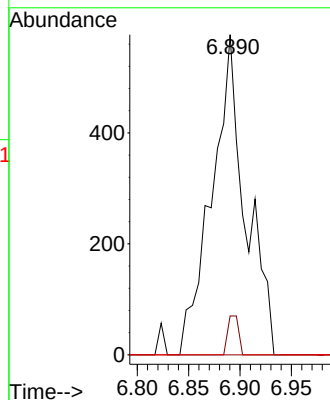
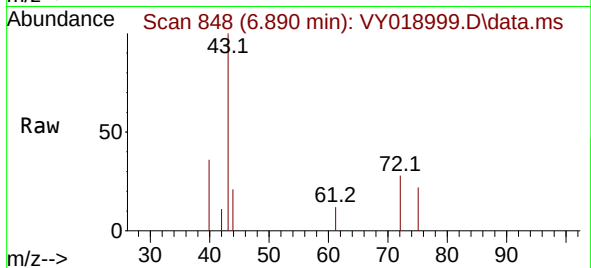
MSVOA_Y

ClientSampleId :

OU4-TS-21-080724

Tgt Ion: 43 Resp: 1314

Ion	Ratio	Lower	Upper
43	100		
61	3.9	12.6	19.0#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 5.765 ug/l

RT: 7.701 min Scan# 981

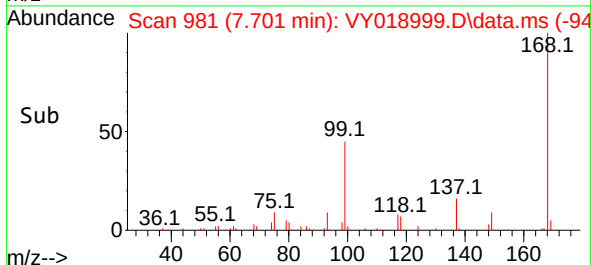
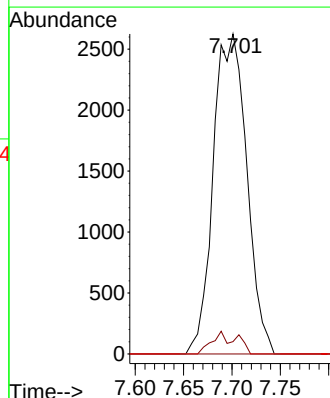
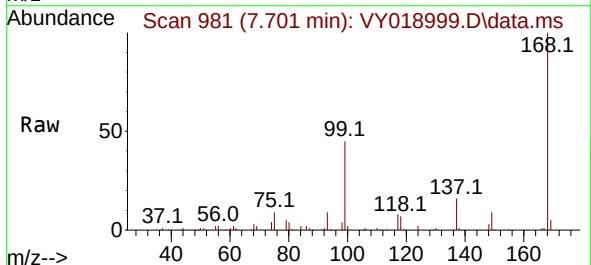
Delta R.T. -0.104 min

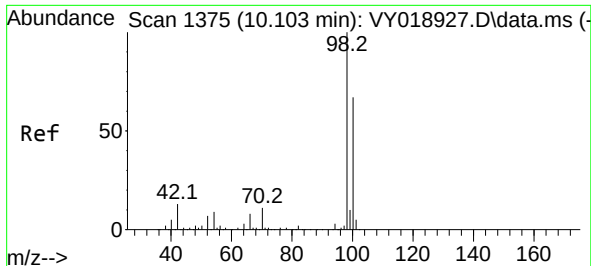
Lab File: VY018999.D

Acq: 12 Aug 2024 13:57

Tgt Ion: 117 Resp: 6305

Ion	Ratio	Lower	Upper
117	100		
119	3.8	75.8	113.6#
121	0.0	24.0	36.0#

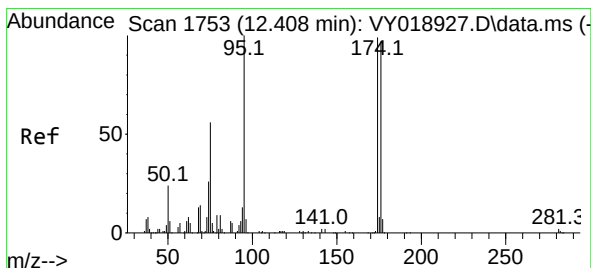
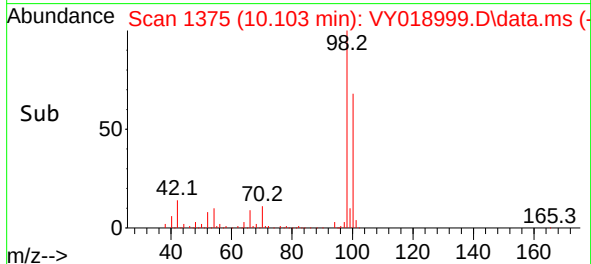
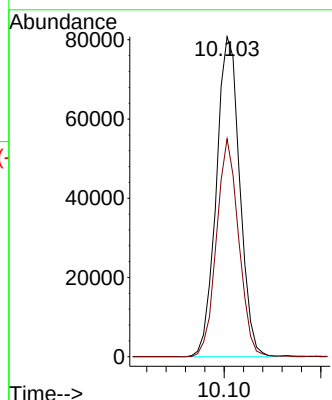
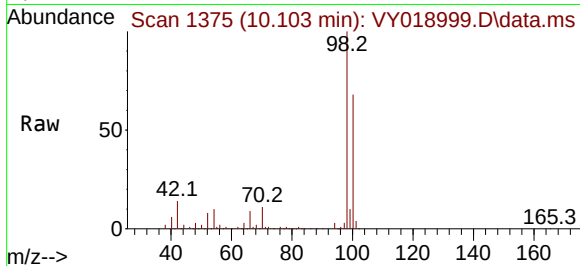




#50
Toluene-d8
Concen: 49.698 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018999.D
Acq: 12 Aug 2024 13:57

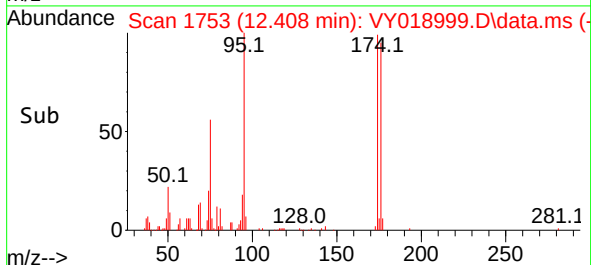
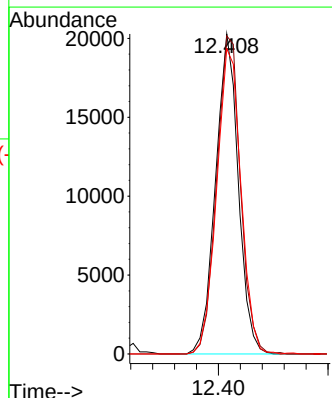
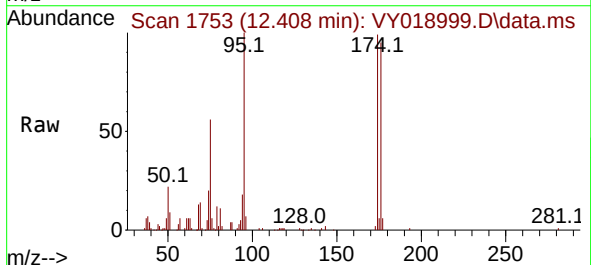
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MSVOA_Y
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OU4-TS-21-080724

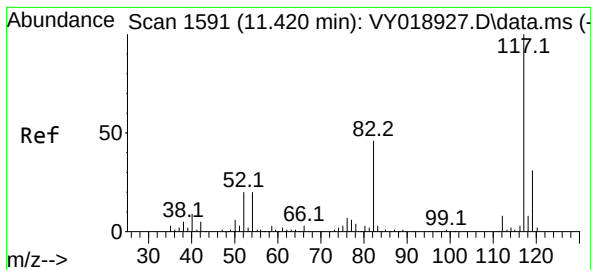
Tgt Ion: 98 Resp: 135641
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.072 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018999.D
Acq: 12 Aug 2024 13:57

Tgt Ion: 95 Resp: 29208
Ion Ratio Lower Upper
95 100
174 104.6 0.0 175.6
176 101.8 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: VY018999.D

Acq: 12 Aug 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-21-080724

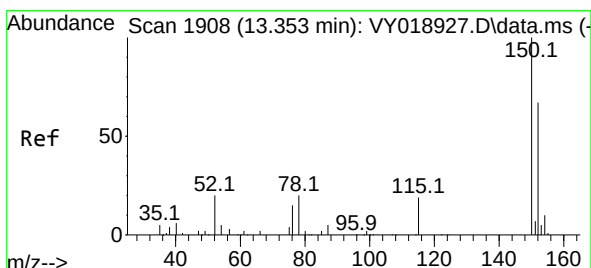
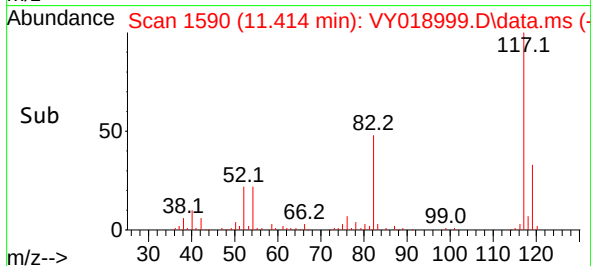
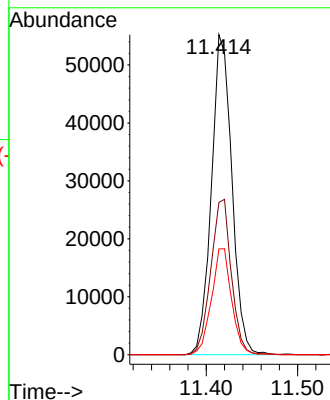
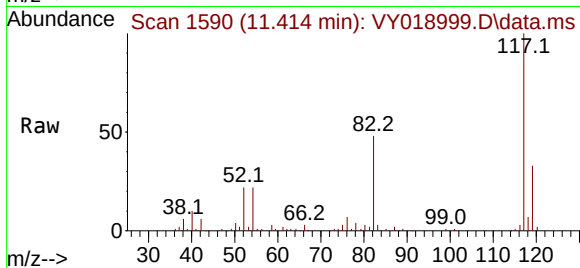
Tgt Ion:117 Resp: 85877

Ion Ratio Lower Upper

117 100

82 47.6 42.4 63.6

119 33.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY018999.D

Acq: 12 Aug 2024 13:57

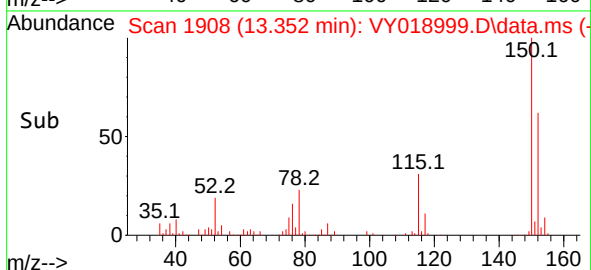
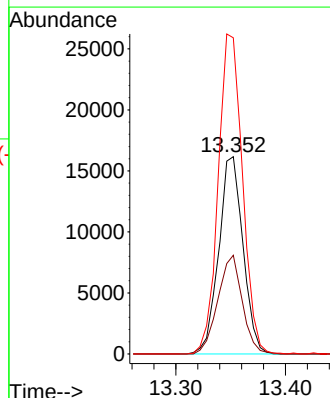
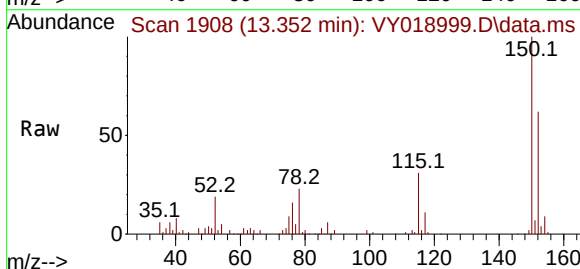
Tgt Ion:152 Resp: 24866

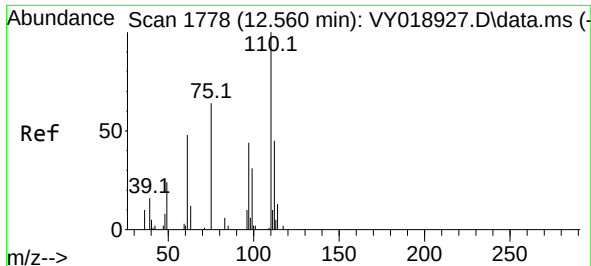
Ion Ratio Lower Upper

152 100

115 50.2 28.2 84.7

150 162.3 0.0 345.6

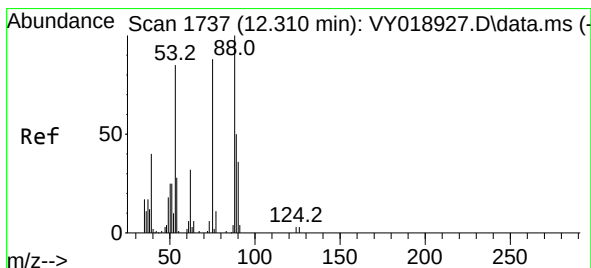
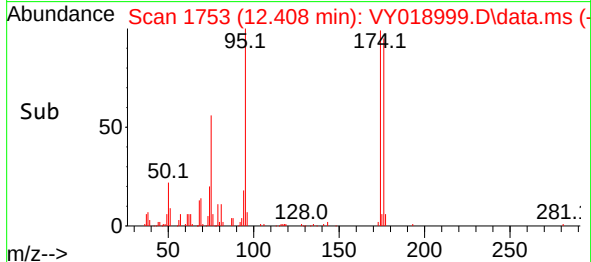
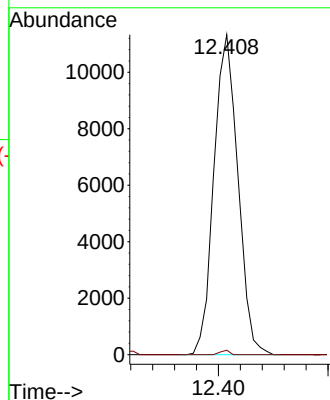
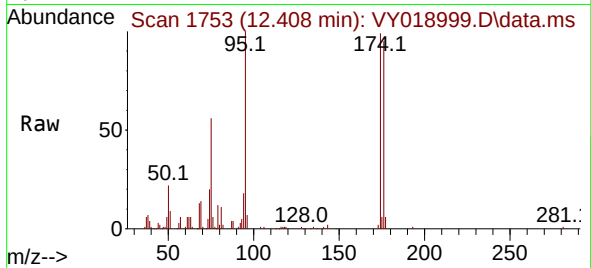




#76
1,2,3-Trichloropropane
Concen: 92.967 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY018999.D
Acq: 12 Aug 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-21-080724

Tgt Ion: 75 Resp: 17222
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 191.568 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY018999.D
Acq: 12 Aug 2024 13:57

Tgt Ion: 75 Resp: 17222
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

