

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019004.D
 Acq On : 12 Aug 2024 15:58
 Operator : SY/MD
 Sample : P3519-21
 Misc : 6.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-03-080624

Quant Time: Aug 13 01:16:25 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)

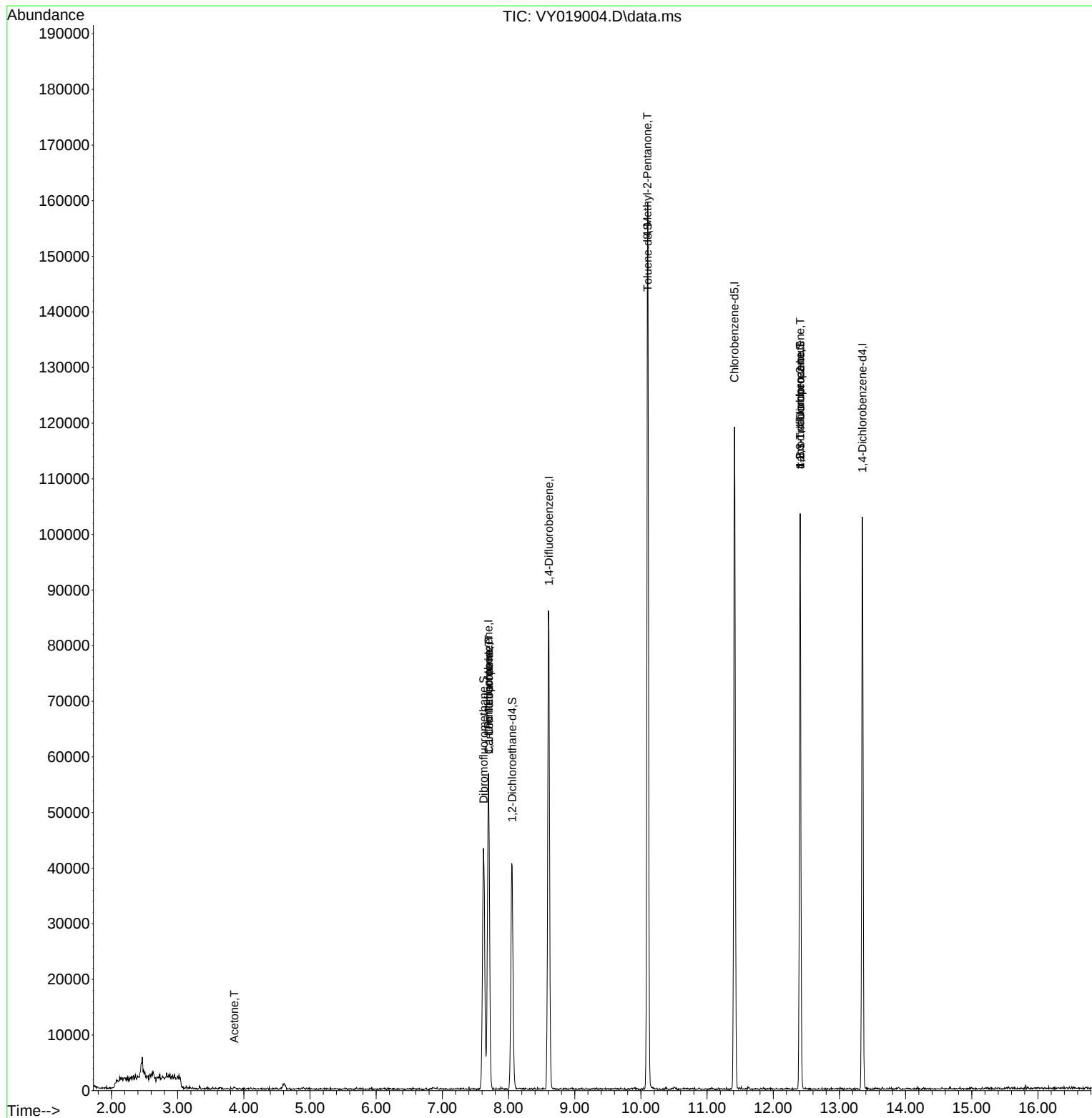
Internal Standards						
1) Pentafluorobenzene	7.695	168	45035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	73461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	60618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	23634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	26009	65.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.560%	
35) Dibromofluoromethane	7.622	113	28210	60.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.260%	
50) Toluene-d8	10.103	98	97972	54.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.720%	
62) 4-Bromofluorobenzene	12.408	95	24227	45.312	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.620%	
Target Compounds						Qvalue
3) Chloromethane	2.092	50	55	Below Cal	#	43
11) Tert butyl alcohol	4.836	59	112	Below Cal	#	88
13) Acrolein	3.489	56	19	Below Cal	#	15
16) Acetone	3.854	43	312	15.424	ug/l #	79
20) Methylene Chloride	4.610	84	686	Below Cal	#	75
31) Cyclohexane	7.695	56	1114	Below Cal	#	1
36) 1,1-Dichloropropene	7.701	75	3382	5.370	ug/l #	47
38) Carbon Tetrachloride	7.701	117	4066	5.631	ug/l #	13
51) 4-Methyl-2-Pentanone	10.097	43	556	1.841	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	15396	87.443	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	15396	180.184	ug/l #	16

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

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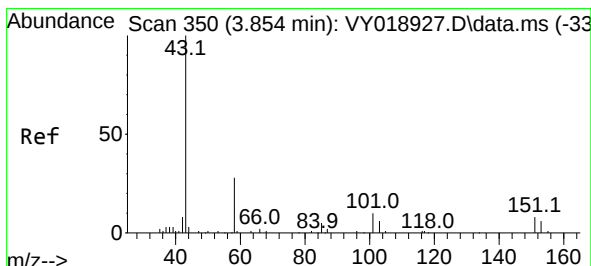
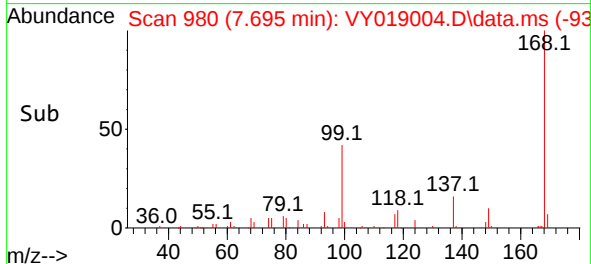
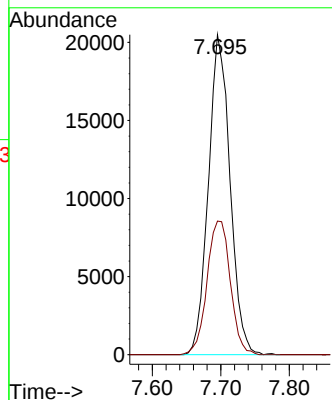
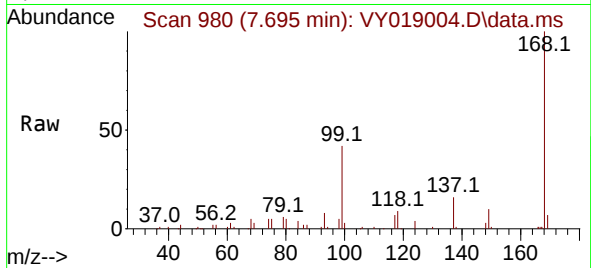




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019004.D
Acq: 12 Aug 2024 15:58

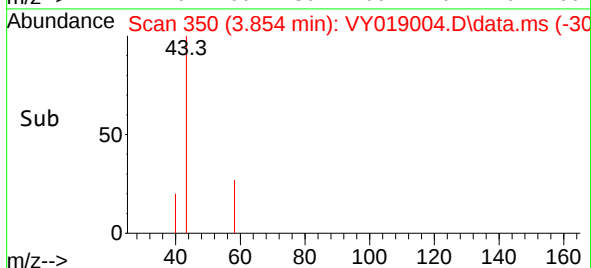
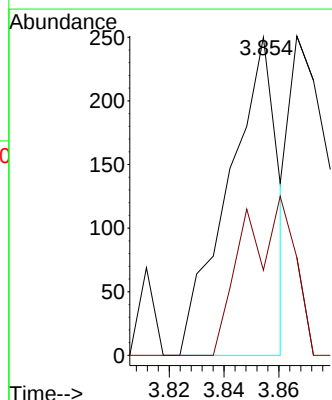
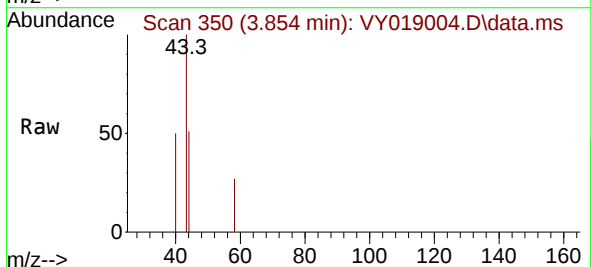
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-03-080624

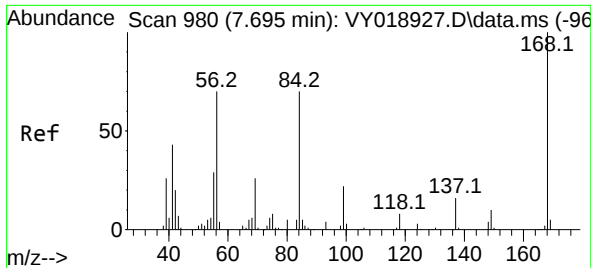
Tgt Ion:168 Resp: 45035
Ion Ratio Lower Upper
168 100
99 41.8 39.1 58.7



#16
Acetone
Concen: 15.424 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019004.D
Acq: 12 Aug 2024 15:58

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
58 26.8 31.7 47.5#

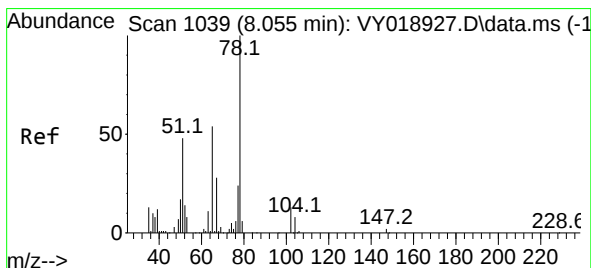
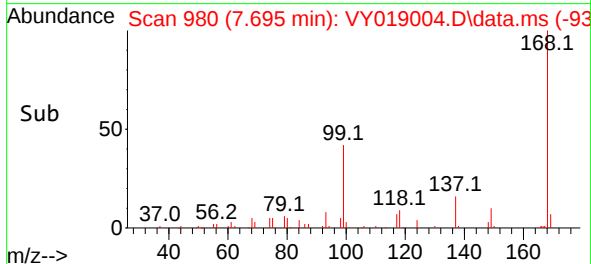
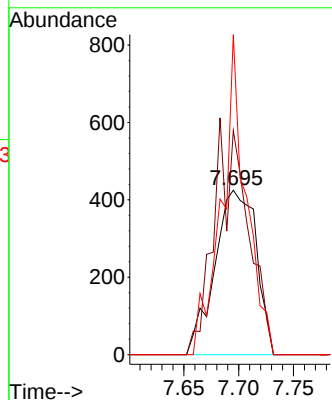
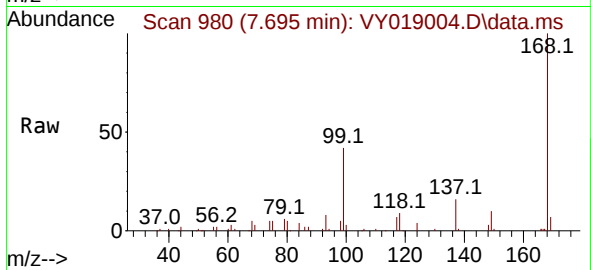




#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY019004.D
Acq: 12 Aug 2024 15:58

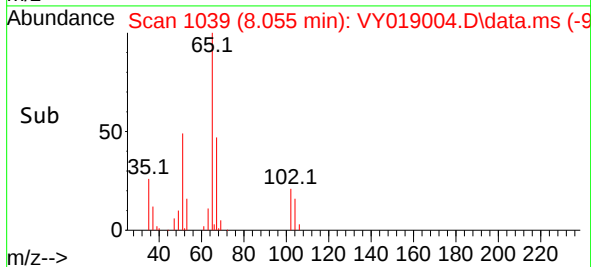
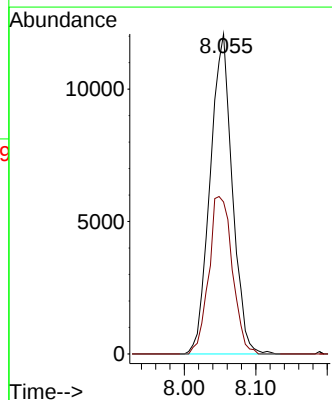
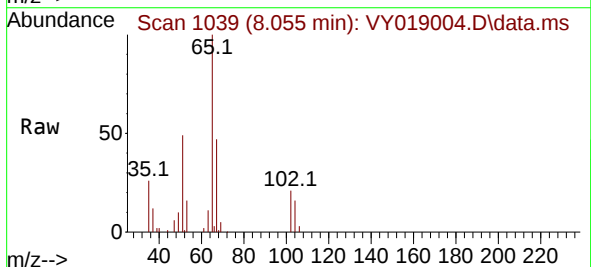
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-03-080624

Tgt Ion: 56 Resp: 1114
Ion Ratio Lower Upper
56 100
69 136.2 28.7 43.1#
84 194.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 65.778 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY019004.D
Acq: 12 Aug 2024 15:58

Tgt Ion: 65 Resp: 26009
Ion Ratio Lower Upper
65 100
67 52.3 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: VY019004.D

Acq: 12 Aug 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-03-080624

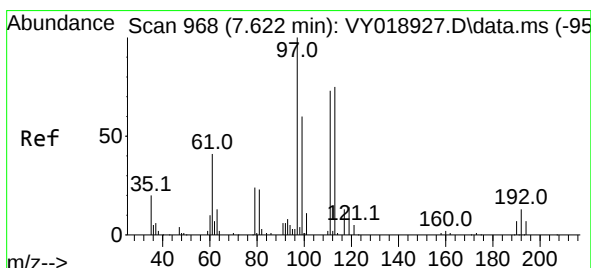
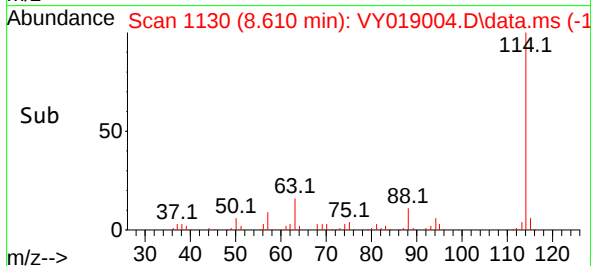
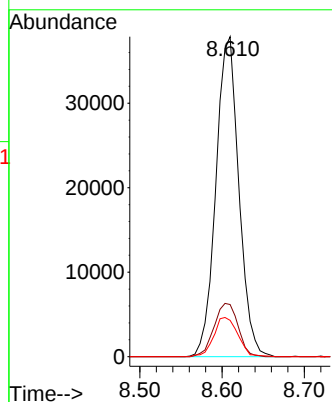
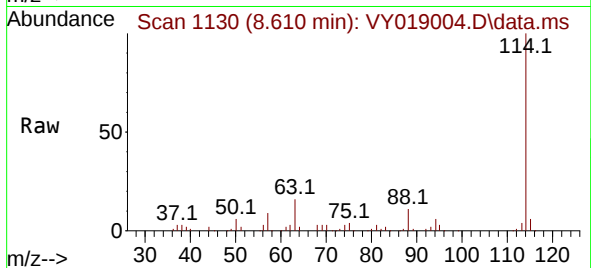
Tgt Ion:114 Resp: 73461

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 11.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 60.125 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019004.D

Acq: 12 Aug 2024 15:58

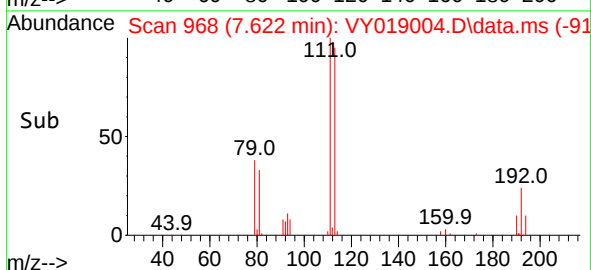
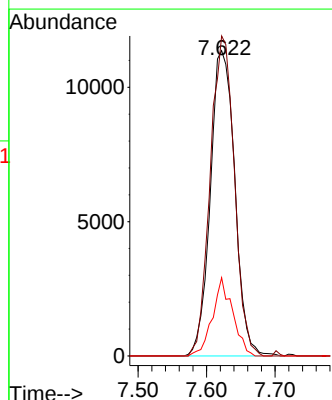
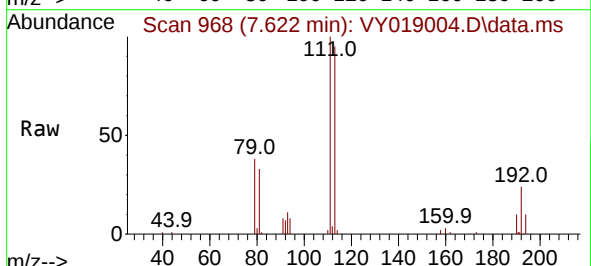
Tgt Ion:113 Resp: 28210

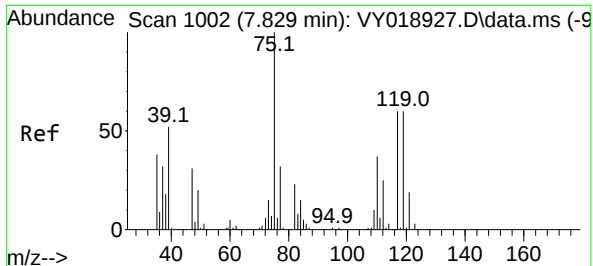
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 21.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.370 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY019004.D

Acq: 12 Aug 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-03-080624

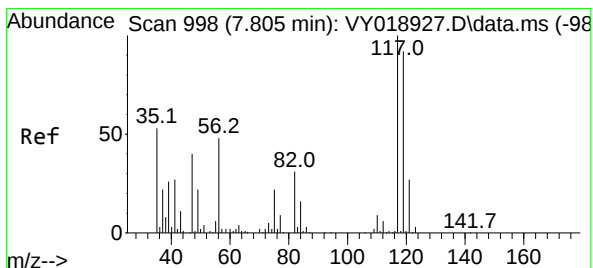
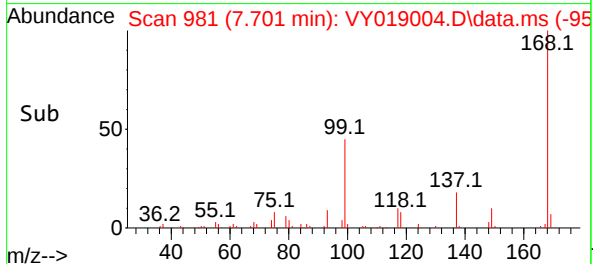
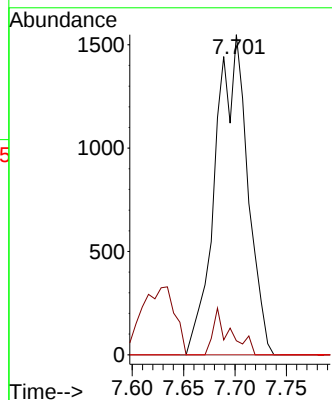
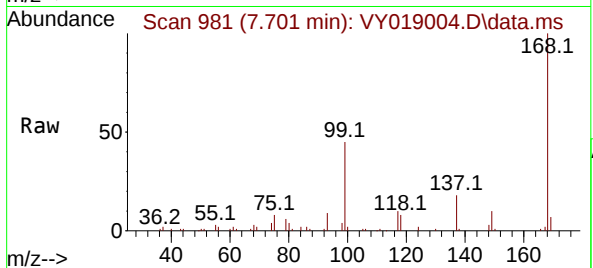
Tgt Ion: 75 Resp: 3382

Ion Ratio Lower Upper

75 100

110 7.7 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.631 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY019004.D

Acq: 12 Aug 2024 15:58

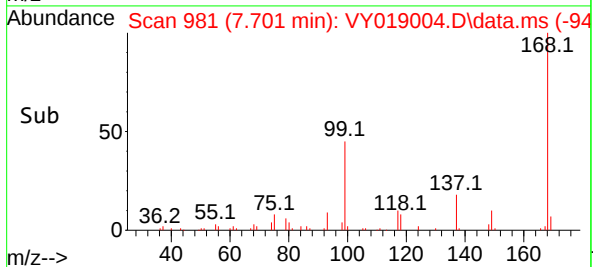
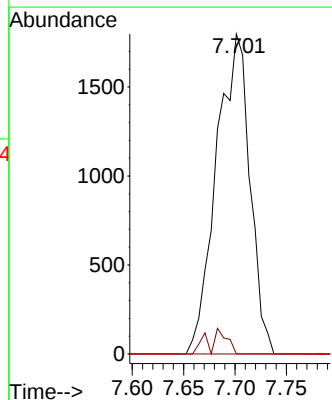
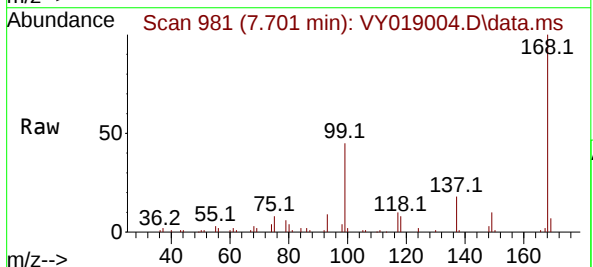
Tgt Ion: 117 Resp: 4066

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#

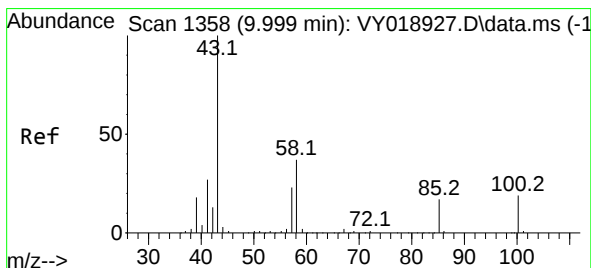
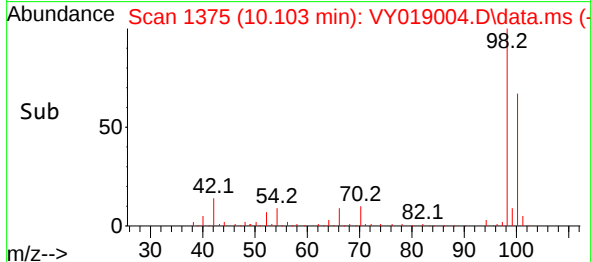
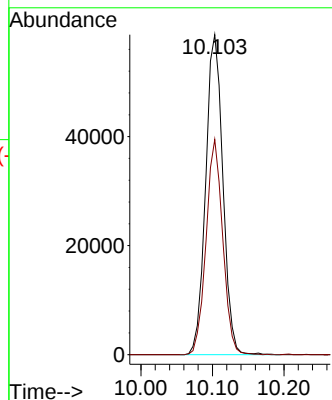
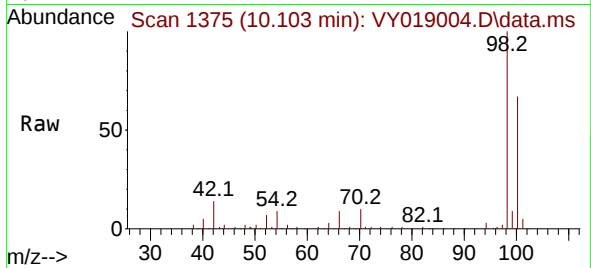




#50
Toluene-d8
Concen: 54.364 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019004.D
Acq: 12 Aug 2024 15:58

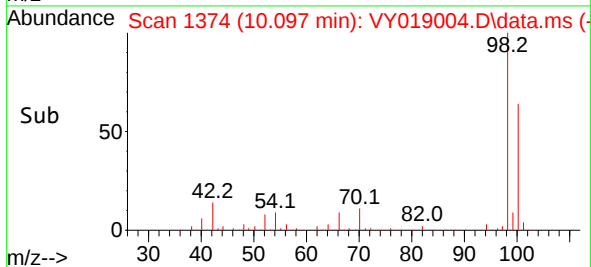
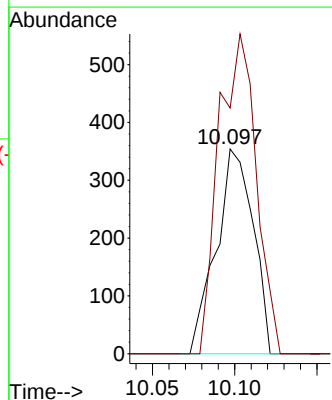
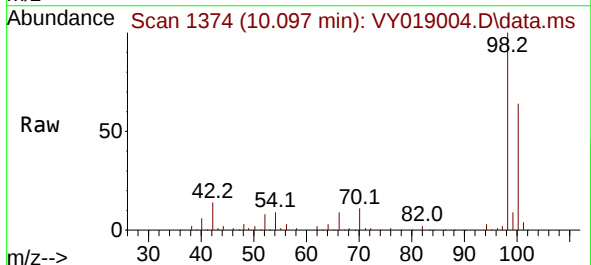
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-03-080624

Tgt Ion: 98 Resp: 97972
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.841 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.098 min
Lab File: VY019004.D
Acq: 12 Aug 2024 15:58

Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
58 157.4 35.7 53.5#

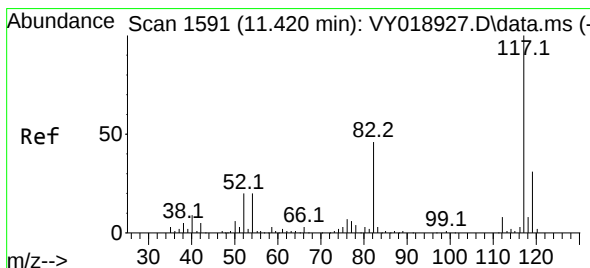
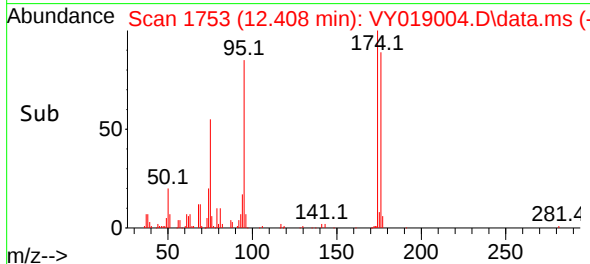
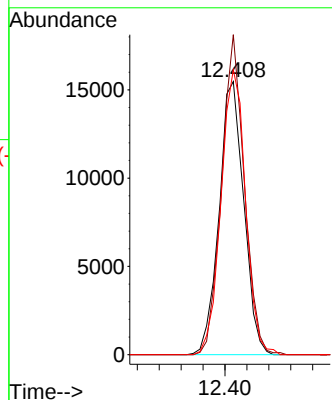
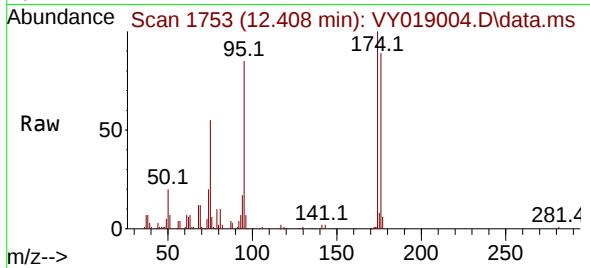




#62
4-Bromofluorobenzene
Concen: 45.312 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019004.D
Acq: 12 Aug 2024 15:58

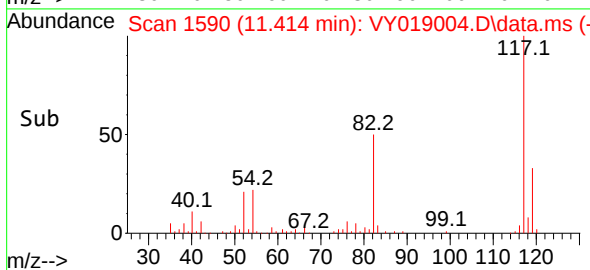
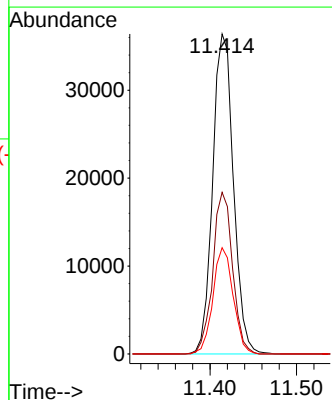
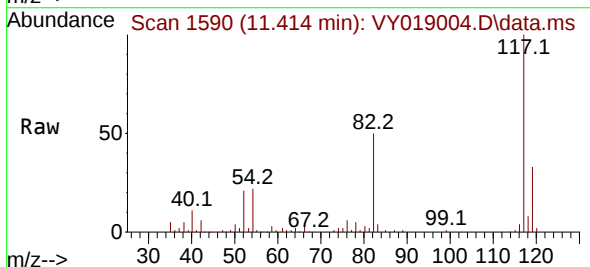
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ClientSampleId :
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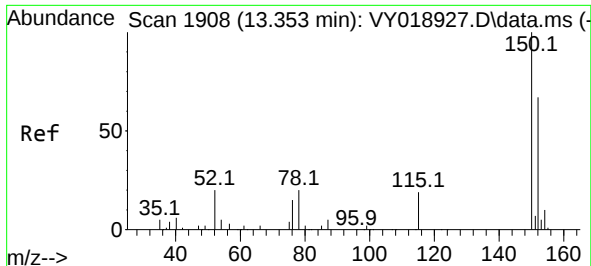
Tgt Ion: 95 Resp: 24227
Ion Ratio Lower Upper
95 100
174 107.5 0.0 175.6
176 103.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019004.D
Acq: 12 Aug 2024 15:58

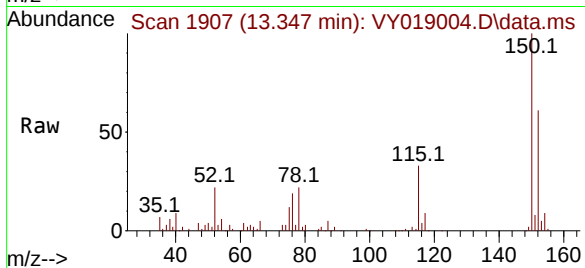
Tgt Ion: 117 Resp: 60618
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 33.2 25.9 38.9



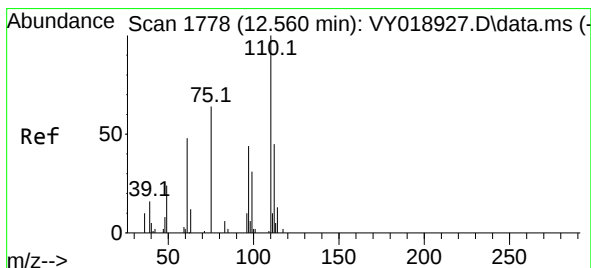
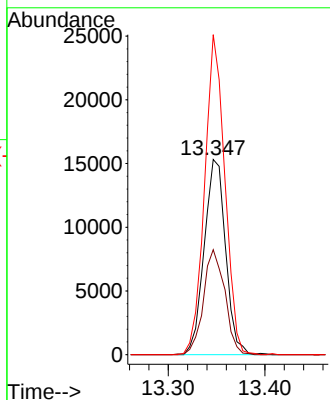
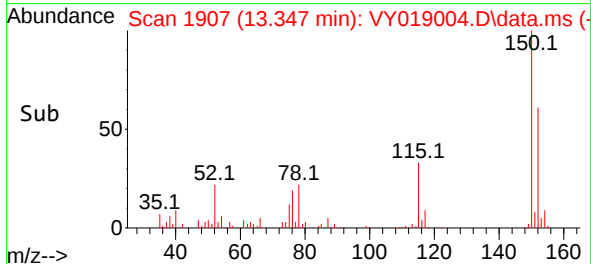


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY019004.D
Acq: 12 Aug 2024 15:58

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-03-080624

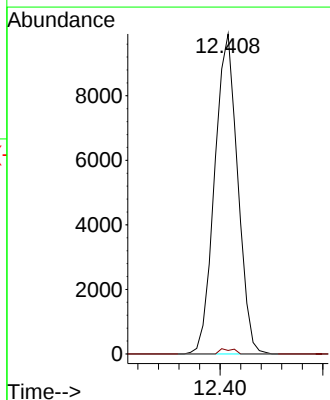
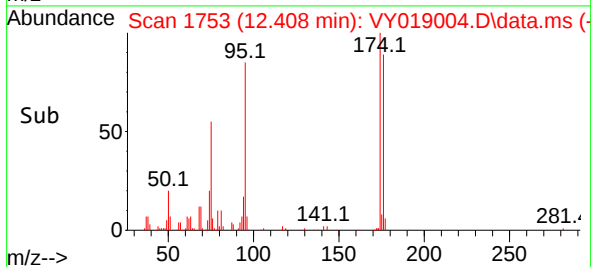
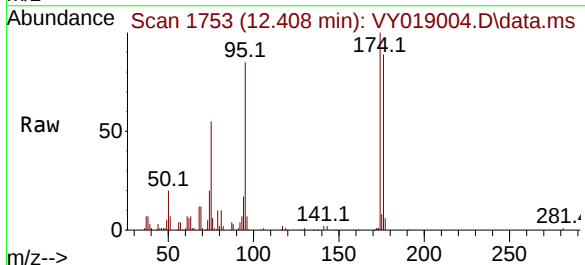


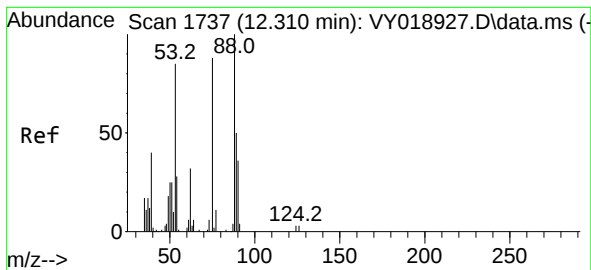
Tgt Ion:152 Resp: 23634
Ion Ratio Lower Upper
152 100
115 53.6 28.2 84.7
150 154.5 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 87.443 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019004.D
Acq: 12 Aug 2024 15:58

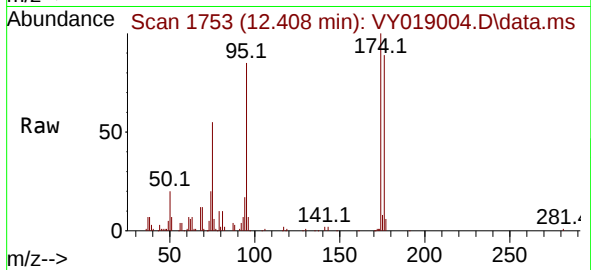
Tgt Ion: 75 Resp: 15396
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 180.184 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019004.D
 Acq: 12 Aug 2024 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-03-080624



Tgt Ion: 75 Resp: 15396
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

