

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018970.D
 Acq On : 09 Aug 2024 16:26
 Operator : SY/MD
 Sample : P3518-17
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-09-080724

Quant Time: Aug 09 23:28:50 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)

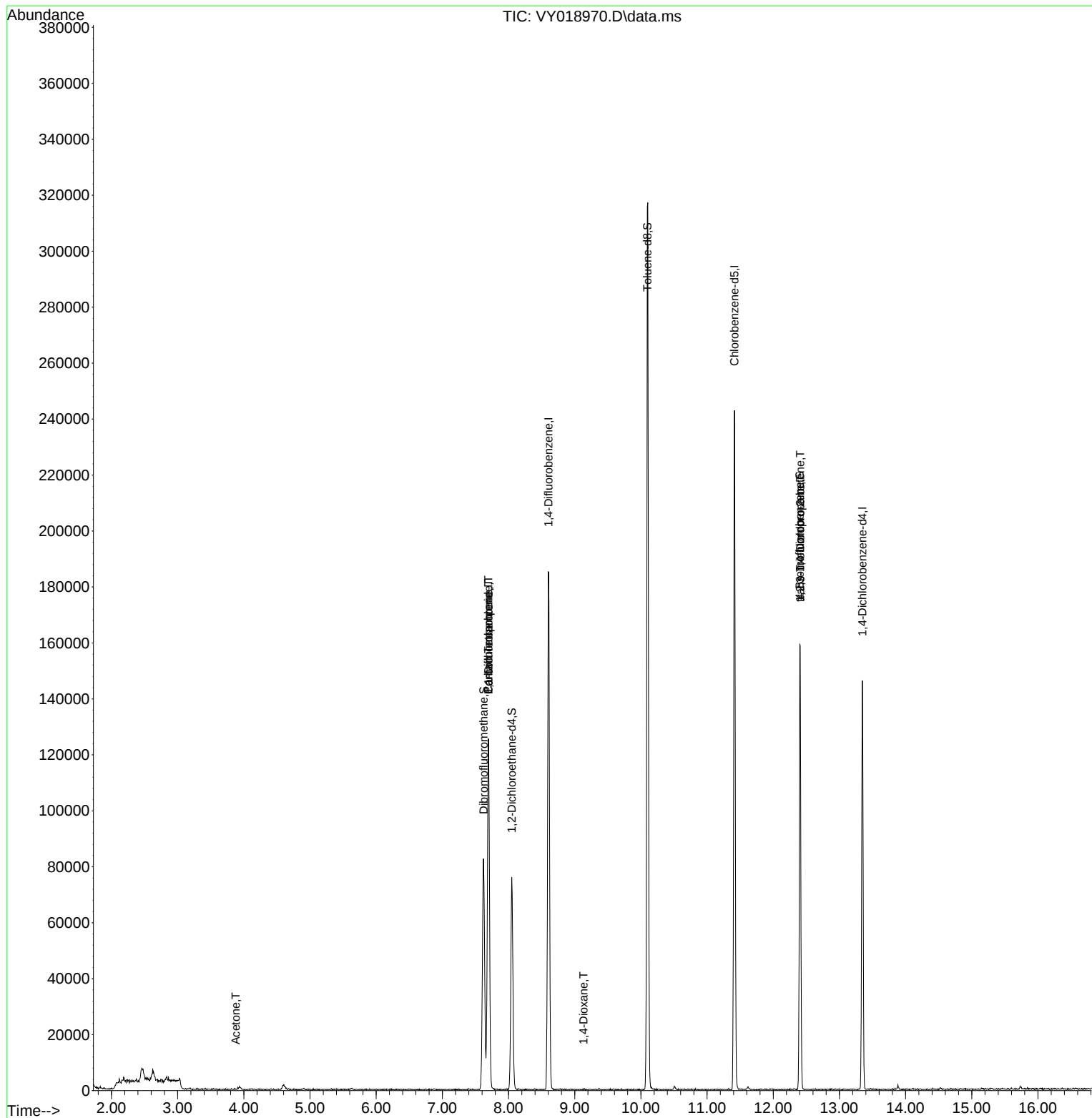
Internal Standards						
1) Pentafluorobenzene	7.695	168	101084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	158950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	115711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	34169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	47968	54.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.100%	
35) Dibromofluoromethane	7.622	113	52956	52.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.320%	
50) Toluene-d8	10.097	98	196278	50.335	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.402	95	39604	34.234	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 68.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	128	Below Cal	#	1
16) Acetone	3.879	43	57	12.762	ug/l #	36
20) Methylene Chloride	4.604	84	1132	Below Cal	#	88
31) Cyclohexane	7.695	56	2638	Below Cal	#	66
36) 1,1-Dichloropropene	7.695	75	7089	5.202	ug/l #	48
38) Carbon Tetrachloride	7.695	117	9247	5.918	ug/l #	17
41) Methacrylonitrile	7.201	41	25	Below Cal	#	23
49) 1,4-Dioxane	9.134	88	22	3.179	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	22981	90.280	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	22981	186.029	ug/l #	16

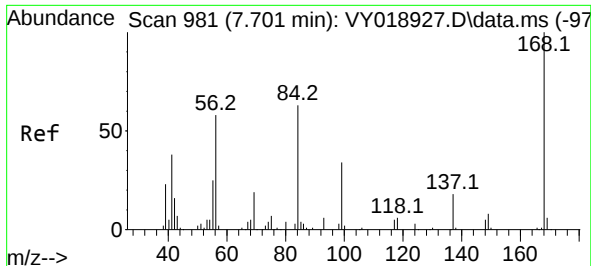
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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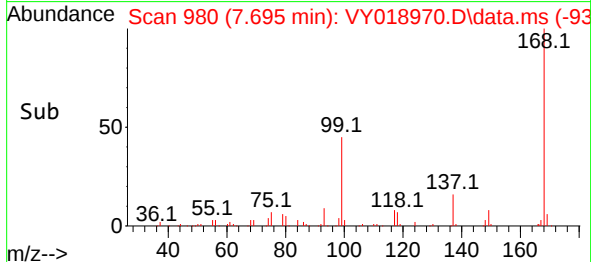
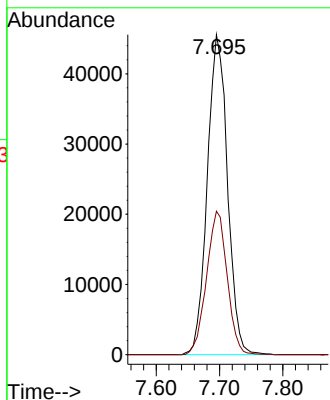
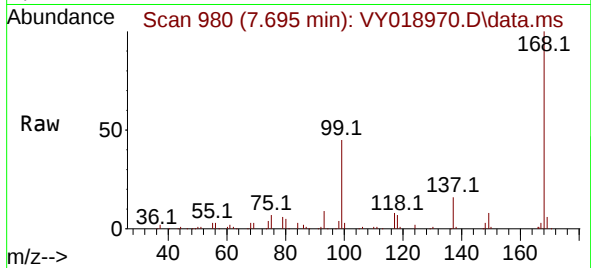




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018970.D
Acq: 09 Aug 2024 16:26

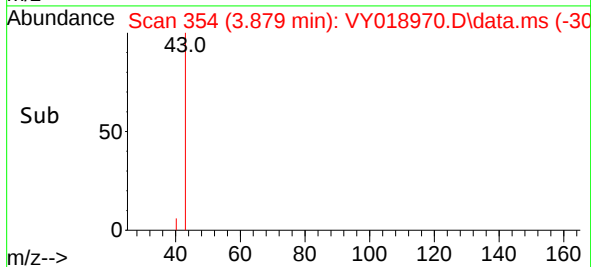
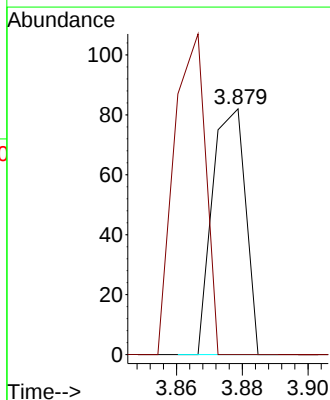
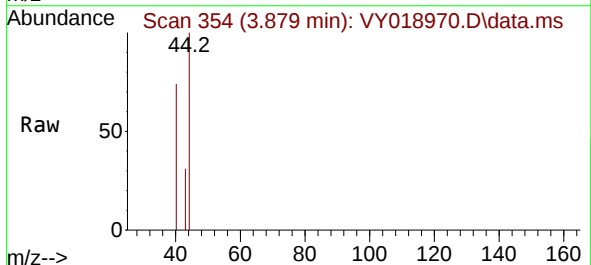
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-09-080724

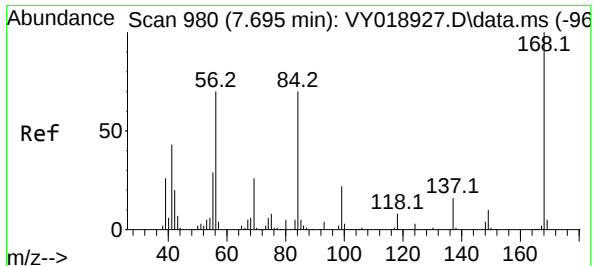
Tgt Ion:168 Resp: 101084
Ion Ratio Lower Upper
168 100
99 44.9 39.1 58.7



#16
Acetone
Concen: 12.762 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.024 min
Lab File: VY018970.D
Acq: 09 Aug 2024 16:26

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

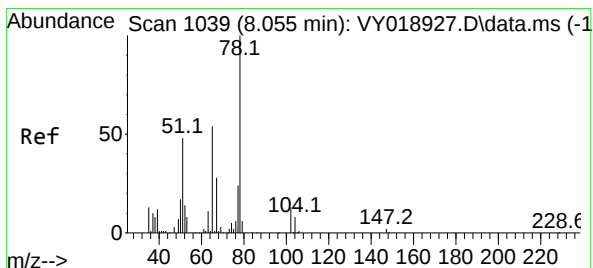
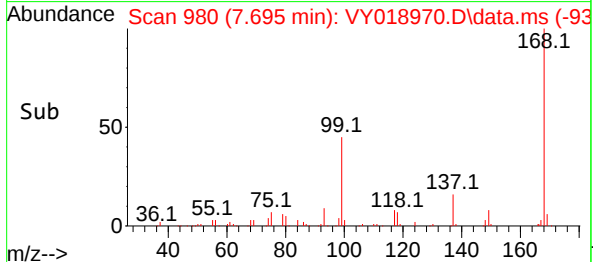
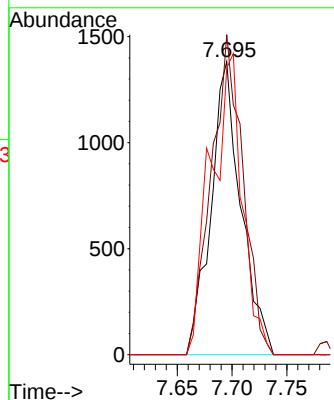
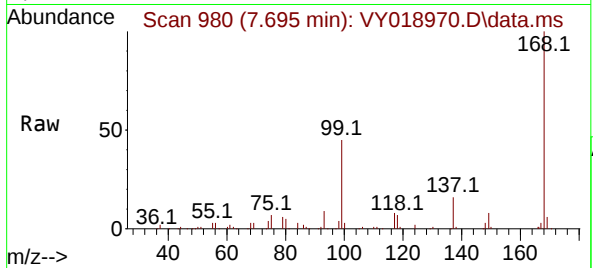




#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018970.D
Acq: 09 Aug 2024 16:26

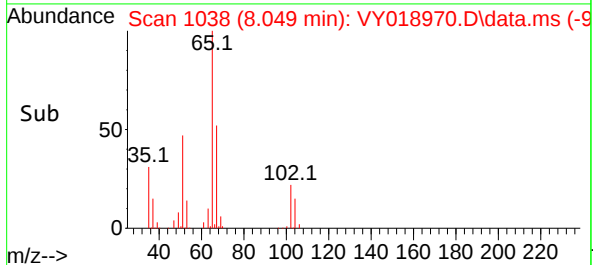
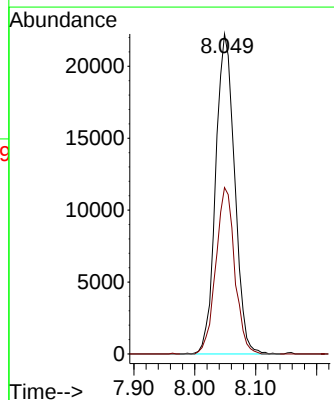
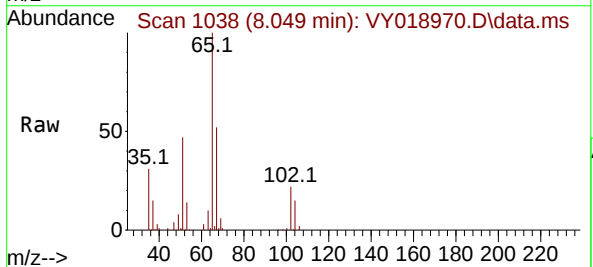
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-09-080724

Tgt Ion: 56 Resp: 2638
Ion Ratio Lower Upper
56 100
69 109.2 28.7 43.1#
84 97.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 54.048 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018970.D
Acq: 09 Aug 2024 16:26

Tgt Ion: 65 Resp: 47968
Ion Ratio Lower Upper
65 100
67 51.9 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: VY018970.D

Acq: 09 Aug 2024 16:26

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-09-080724

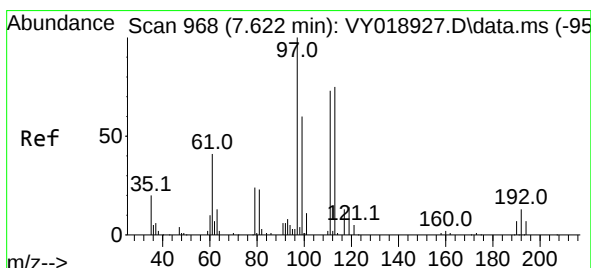
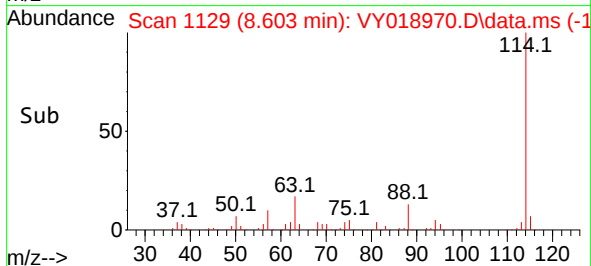
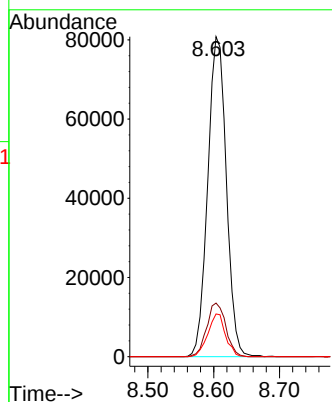
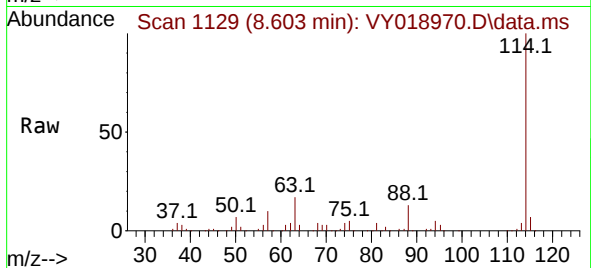
Tgt Ion:114 Resp: 158950

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.163 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018970.D

Acq: 09 Aug 2024 16:26

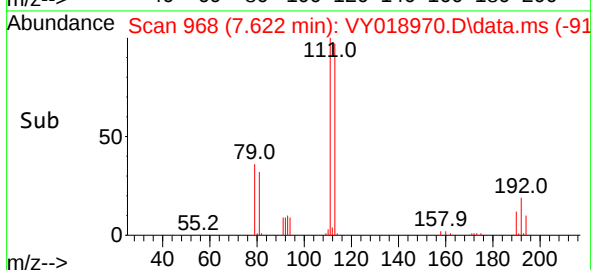
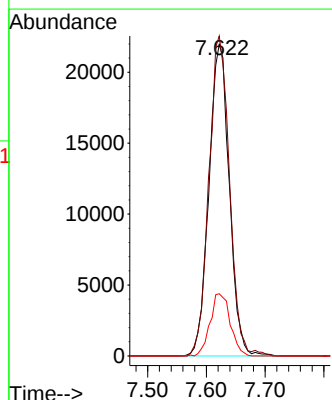
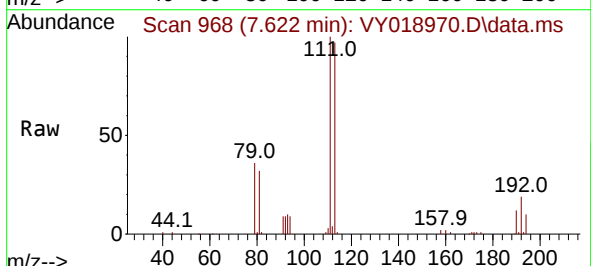
Tgt Ion:113 Resp: 52956

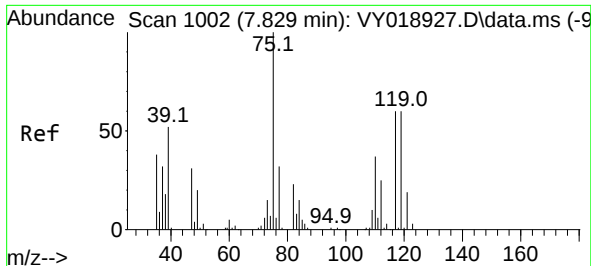
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 19.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.202 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018970.D

Acq: 09 Aug 2024 16:26

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-09-080724

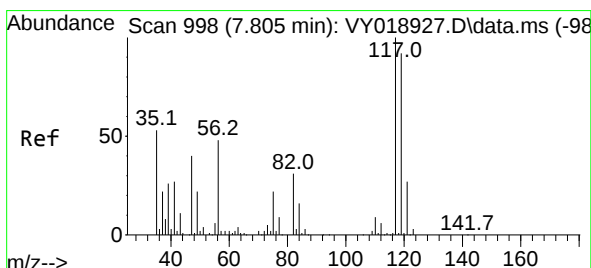
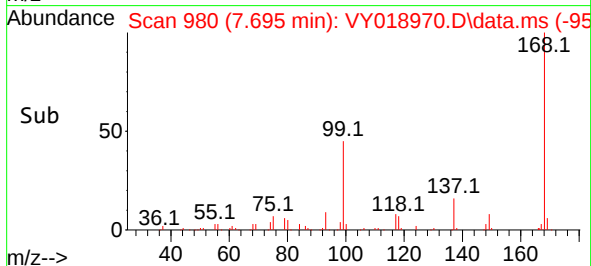
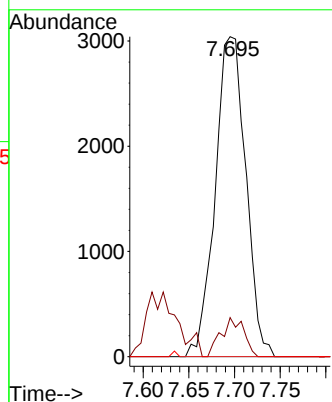
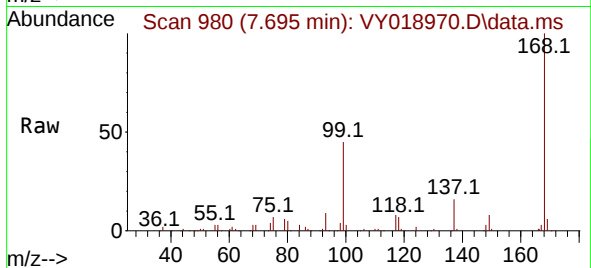
Tgt Ion: 75 Resp: 7089

Ion Ratio Lower Upper

75 100

110 9.1 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.918 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY018970.D

Acq: 09 Aug 2024 16:26

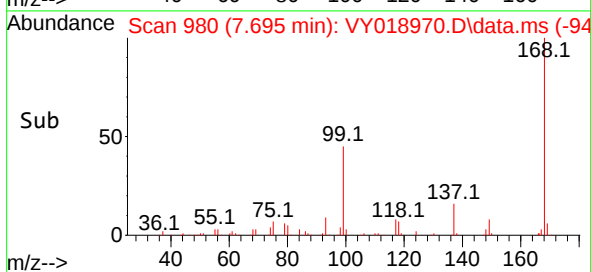
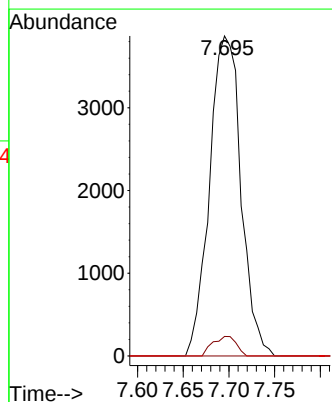
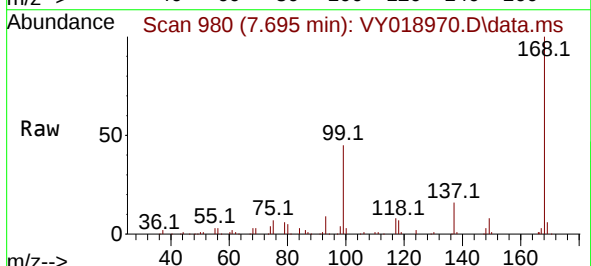
Tgt Ion: 117 Resp: 9247

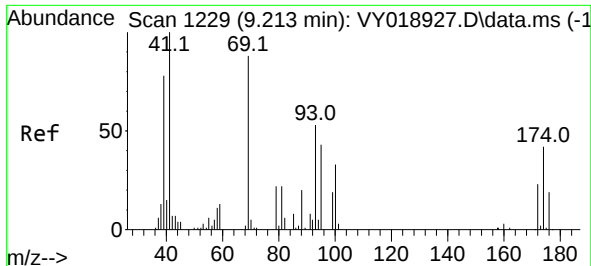
Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 3.179 ug/l

RT: 9.134 min Scan# 1216

Delta R.T. -0.079 min

Lab File: VY018970.D

Acq: 09 Aug 2024 16:26

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-09-080724

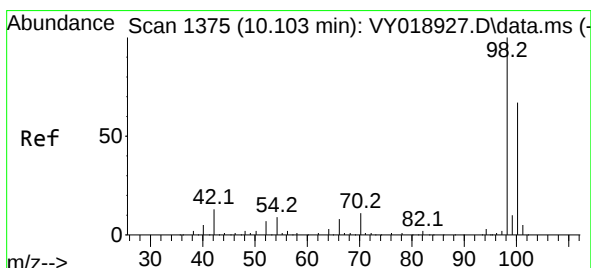
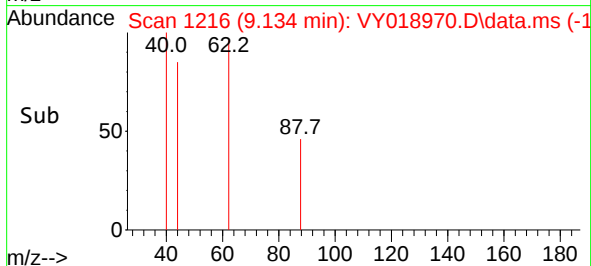
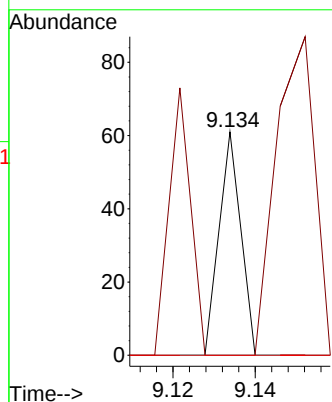
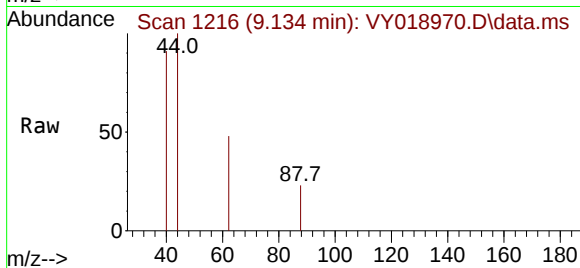
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 122.7 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 50.335 ug/l

RT: 10.097 min Scan# 1374

Delta R.T. -0.006 min

Lab File: VY018970.D

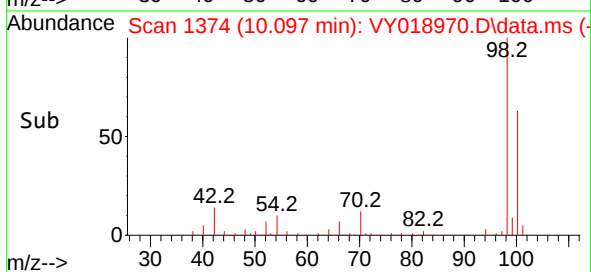
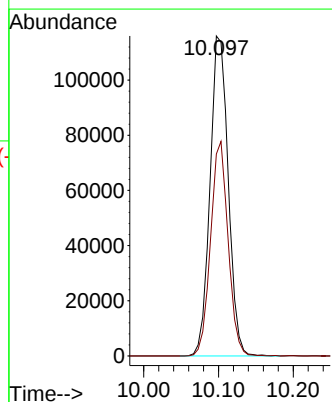
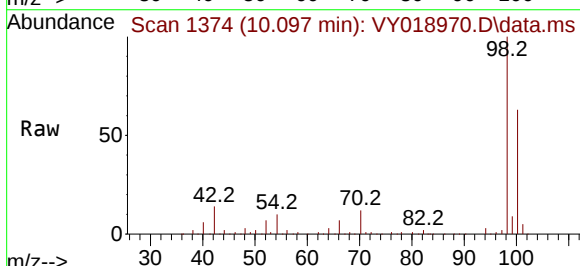
Acq: 09 Aug 2024 16:26

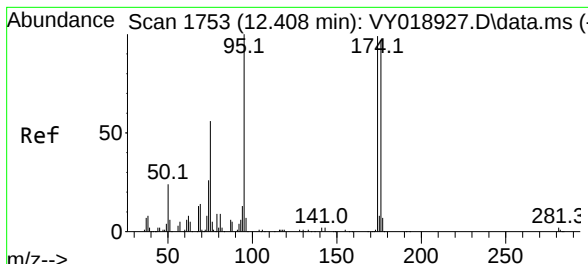
Tgt Ion: 98 Resp: 196278

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

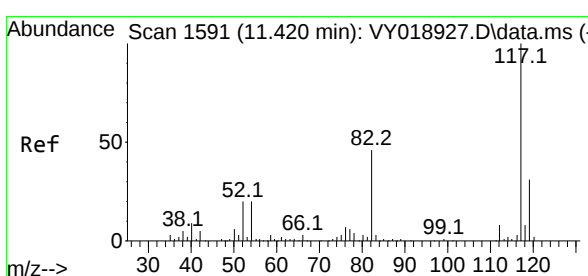
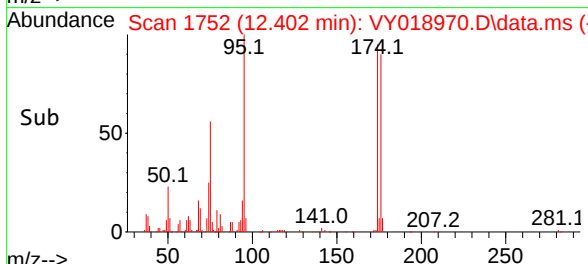
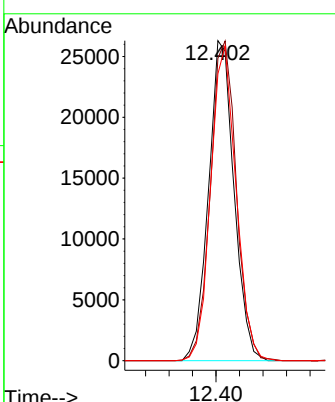
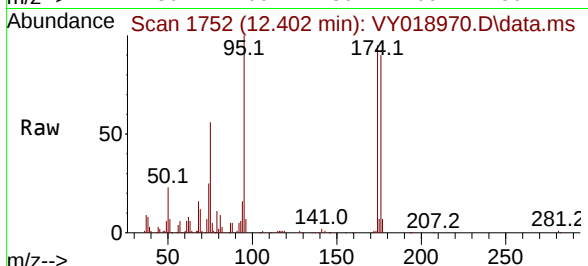




#62
 4-Bromofluorobenzene
 Concen: 34.234 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY018970.D
 Acq: 09 Aug 2024 16:26

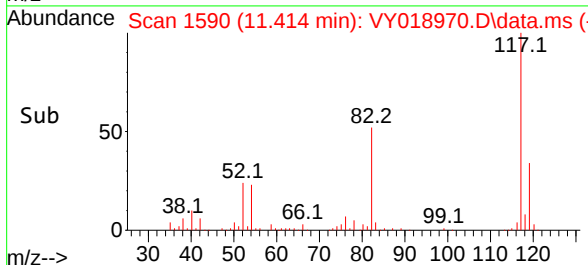
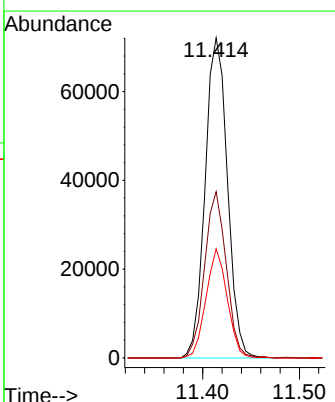
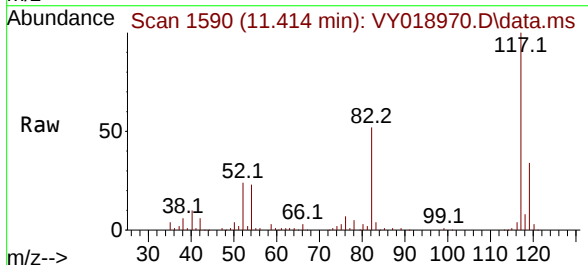
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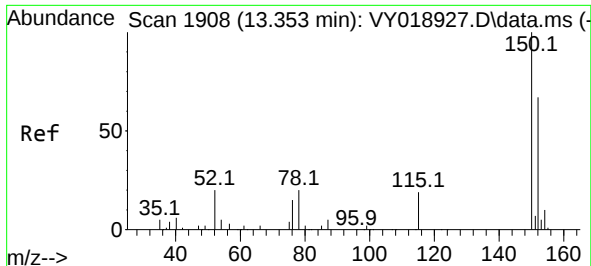
Tgt Ion:	95	Resp:	39604
Ion	Ratio	Lower	Upper
95	100		
174	101.5	0.0	175.6
176	98.0	0.0	171.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.414 min Scan# 1590
 Delta R.T. -0.006 min
 Lab File: VY018970.D
 Acq: 09 Aug 2024 16:26

Tgt Ion:	117	Resp:	115711
Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.4	63.6
119	34.1	25.9	38.9

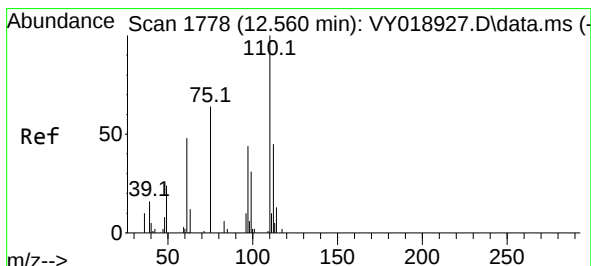
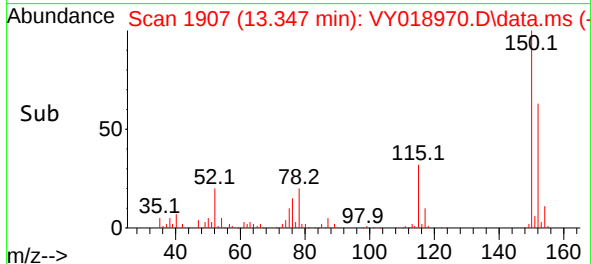
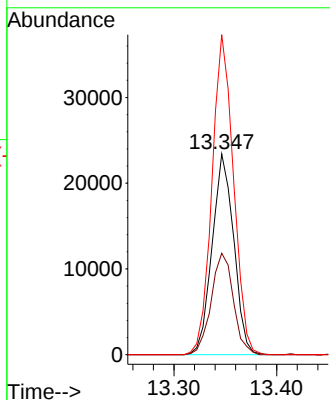
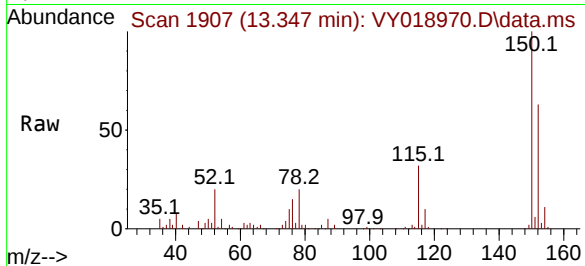




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY018970.D
 Acq: 09 Aug 2024 16:26

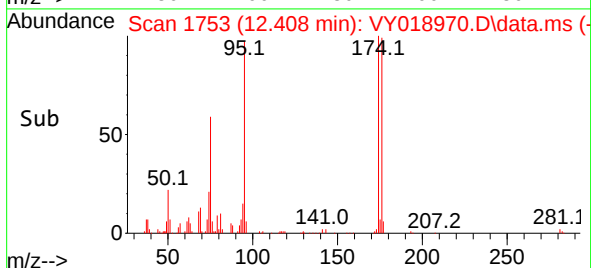
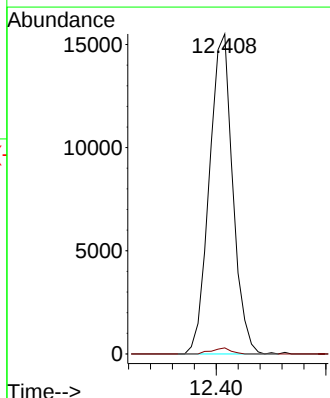
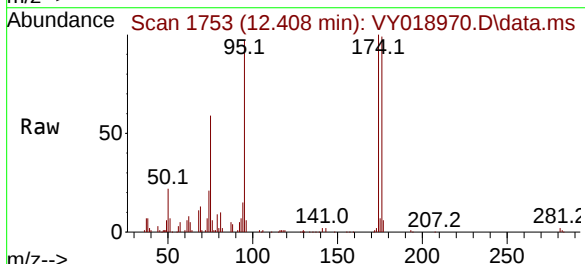
Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-09-080724

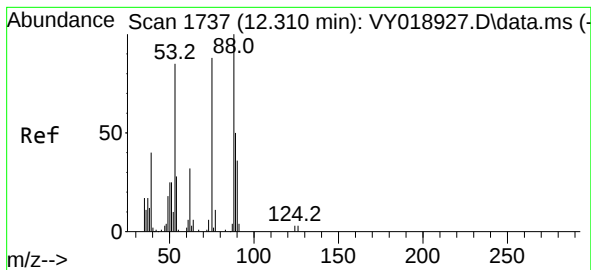
Tgt Ion:152 Resp: 34169
 Ion Ratio Lower Upper
 152 100
 115 51.8 28.2 84.7
 150 158.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 90.280 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY018970.D
 Acq: 09 Aug 2024 16:26

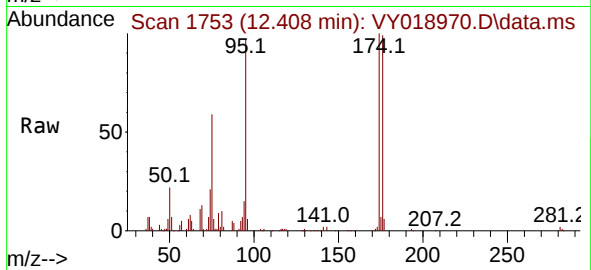
Tgt Ion: 75 Resp: 22981
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 186.029 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018970.D
 Acq: 09 Aug 2024 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-09-080724



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

