

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018944.D
 Acq On : 08 Aug 2024 22:28
 Operator : SY/MD
 Sample : P3520-13
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-14-080624

Quant Time: Aug 09 05:12:53 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)

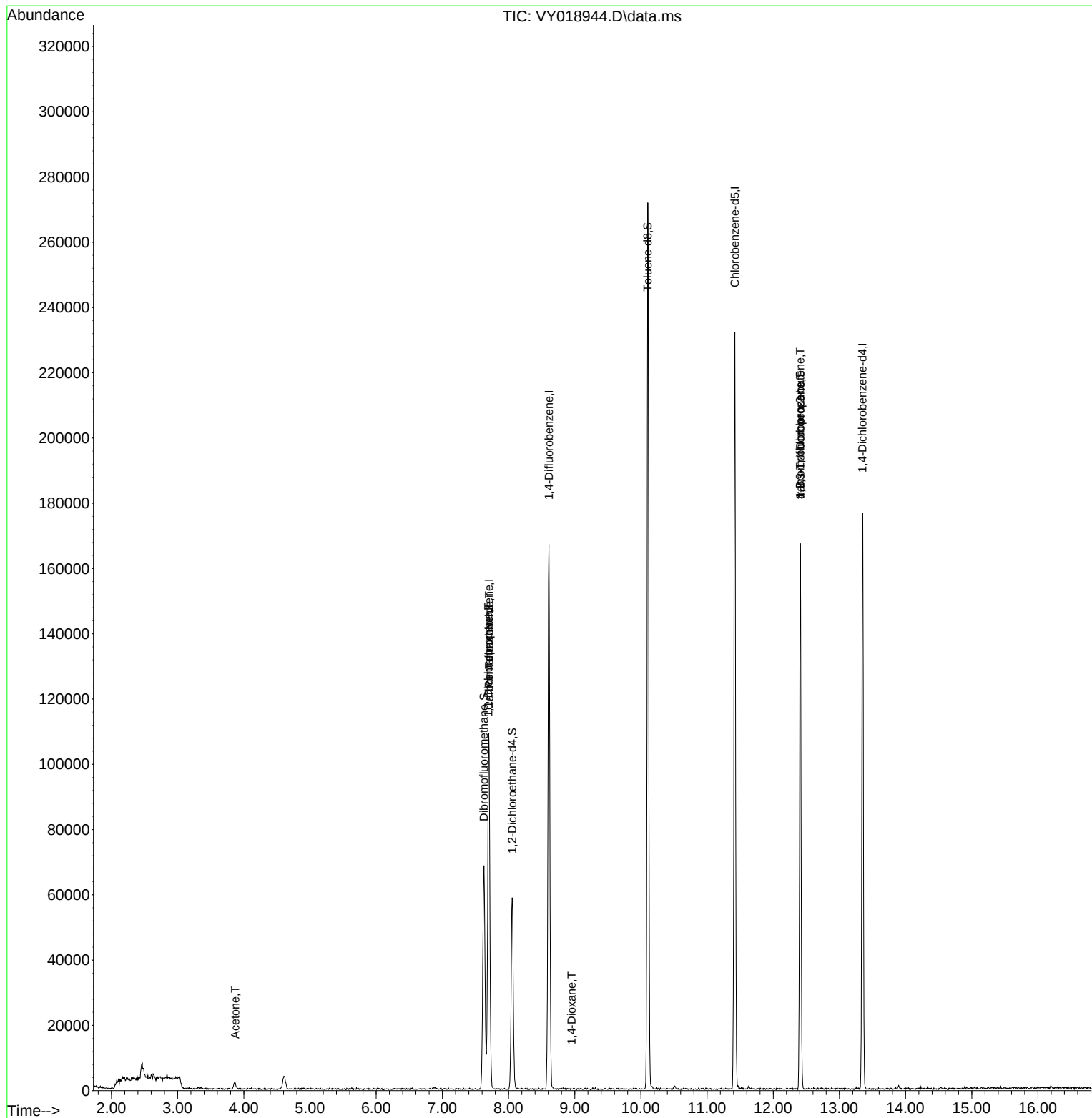
Internal Standards						
1) Pentafluorobenzene	7.701	168	89071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	143509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	118716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	43753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	38382	49.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.160%
35) Dibromofluoromethane	7.628	113	44094	48.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.220%
50) Toluene-d8	10.103	98	166081	47.174	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.340%
62) 4-Bromofluorobenzene	12.408	95	42563	40.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.500%
Target Compounds						
					Qvalue	
3) Chloromethane	2.080	50	152	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	50	Below Cal	#	88
13) Acrolein	3.775	56	19	Below Cal	#	15
16) Acetone	3.873	43	2916	26.252	ug/l #	82
20) Methylene Chloride	4.610	84	2483	Below Cal	#	81
31) Cyclohexane	7.701	56	2270	Below Cal	#	73
36) 1,1-Dichloropropene	7.695	75	6002	4.878	ug/l #	51
38) Carbon Tetrachloride	7.707	117	8375	5.937	ug/l #	15
41) Methacrylonitrile	7.317	41	60	Below Cal	#	15
49) 1,4-Dioxane	8.951	88	20	3.201	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	24105	73.952	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	24105	152.386	ug/l #	16

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

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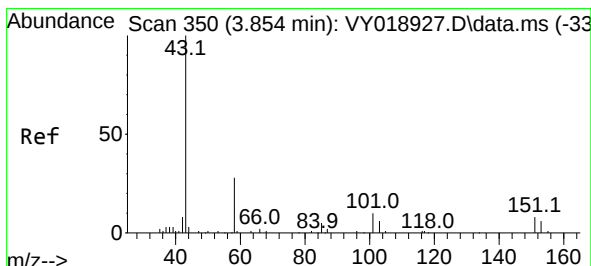
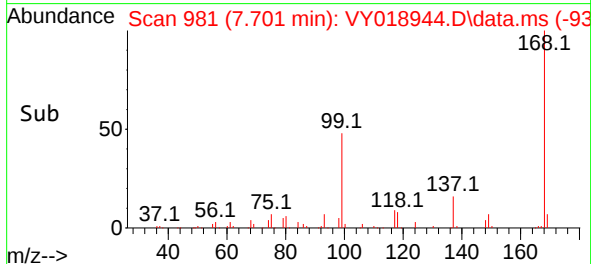
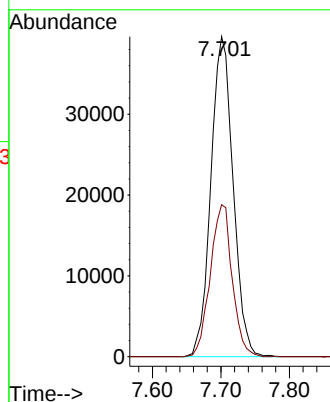
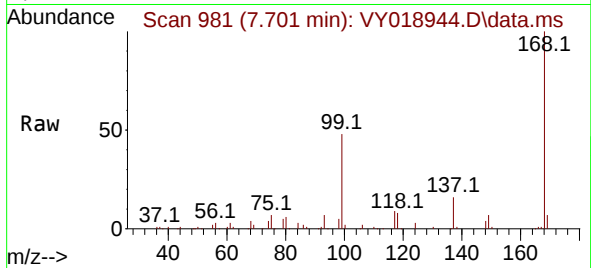




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

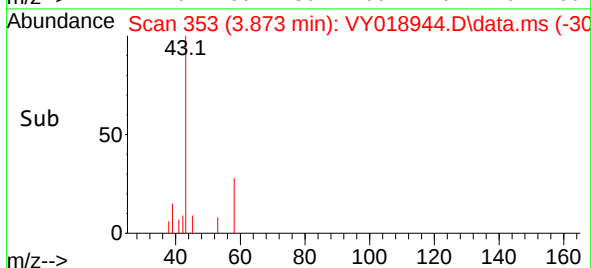
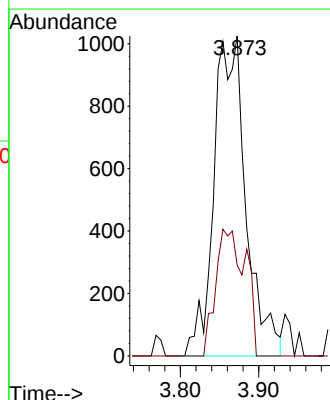
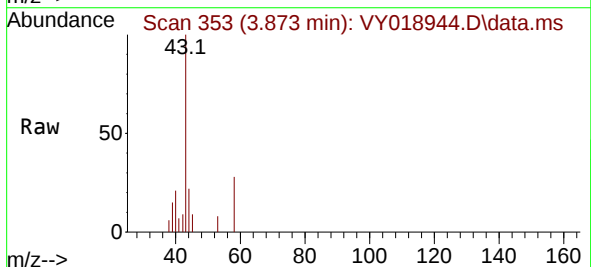
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-14-080624

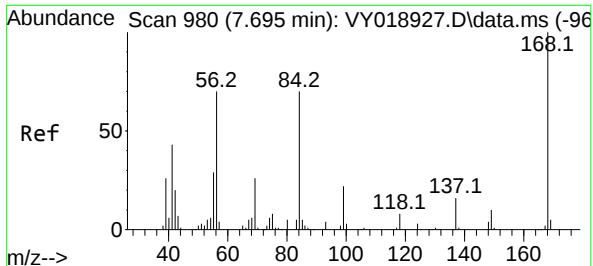
Tgt Ion:168 Resp: 89071
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#16
Acetone
Concen: 26.252 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
58 28.4 31.7 47.5#

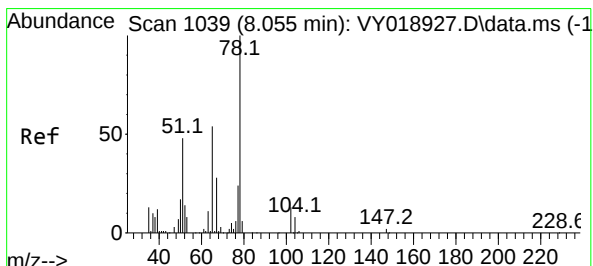
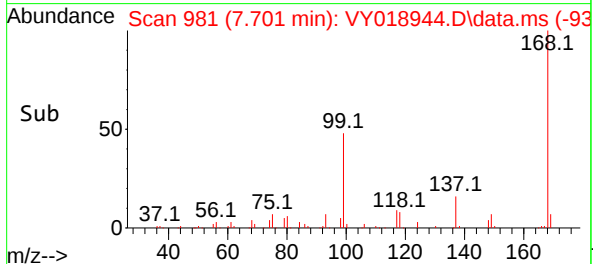
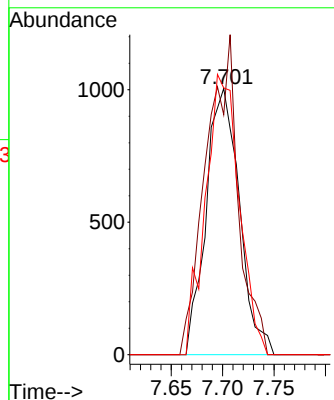
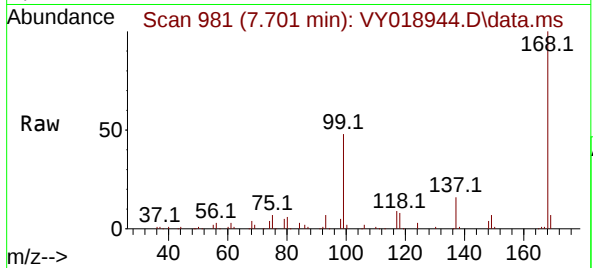




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

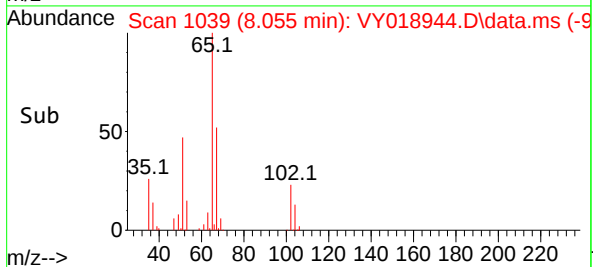
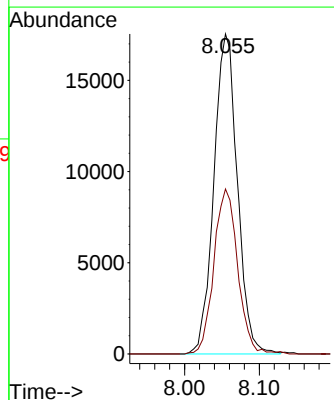
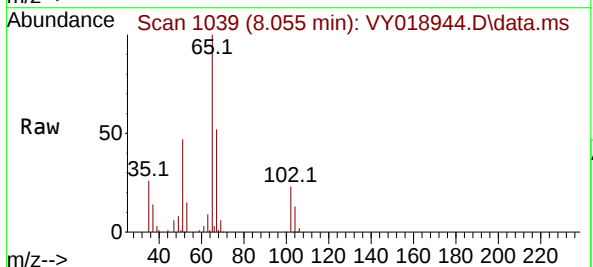
Instrument :
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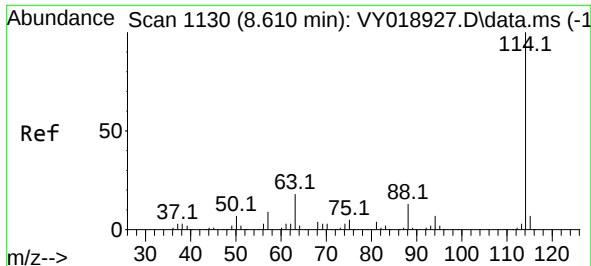
Tgt Ion: 56 Resp: 2270
Ion Ratio Lower Upper
56 100
69 90.1 28.7 43.1#
84 100.2 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 49.080 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

Tgt Ion: 65 Resp: 38382
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY018944.D

Acq: 08 Aug 2024 22:28

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-14-080624

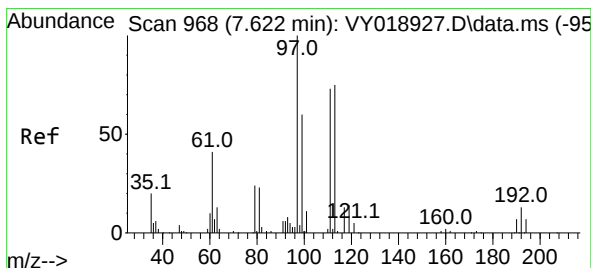
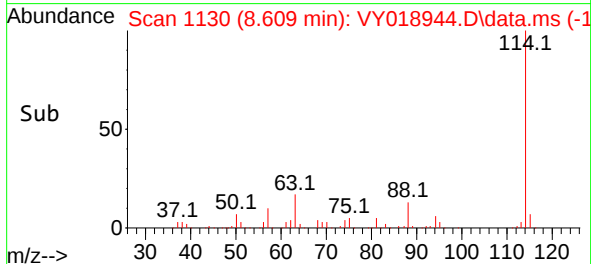
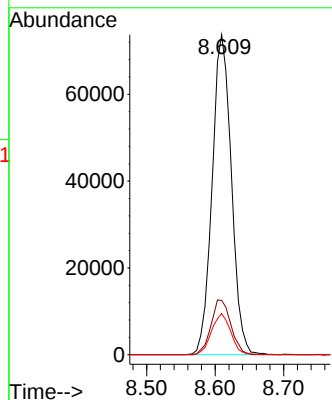
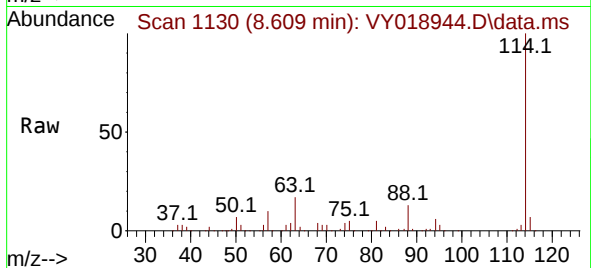
Tgt Ion:114 Resp: 143509

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 12.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.107 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY018944.D

Acq: 08 Aug 2024 22:28

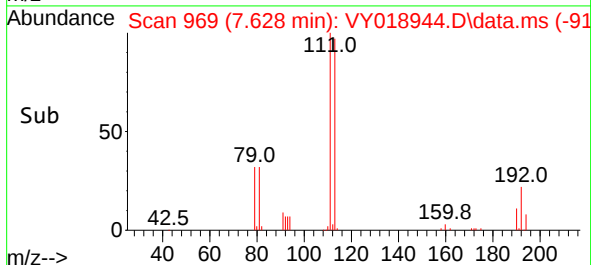
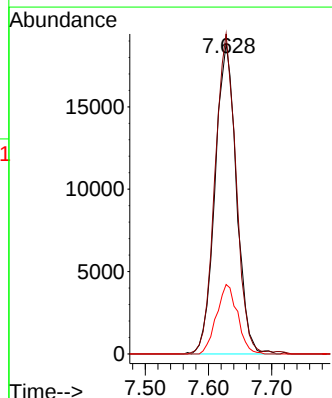
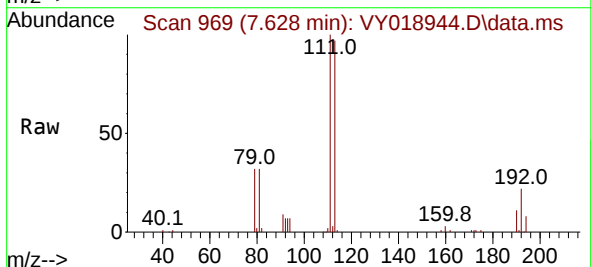
Tgt Ion:113 Resp: 44094

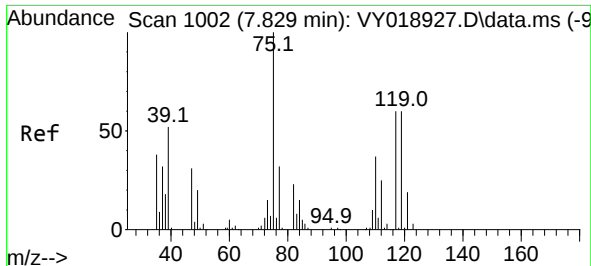
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 22.0 15.9 23.9

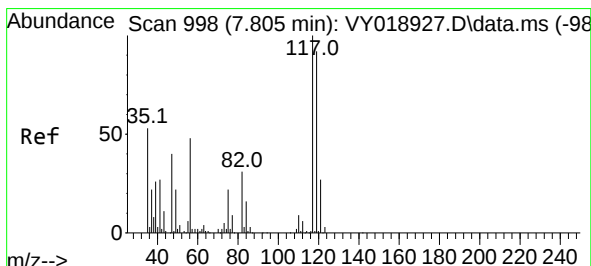
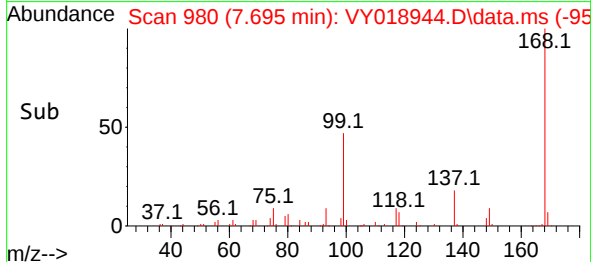
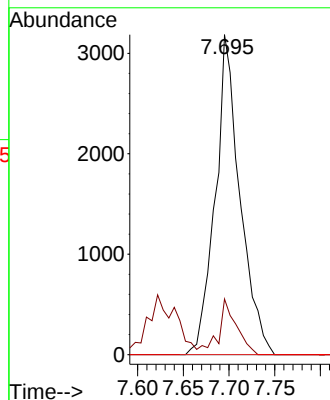
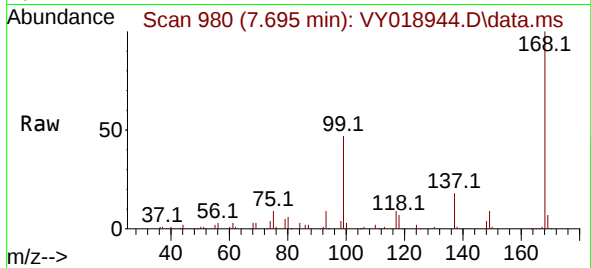




#36
 1,1-Dichloropropene
 Concen: 4.878 ug/l
 RT: 7.695 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY018944.D
 Acq: 08 Aug 2024 22:28

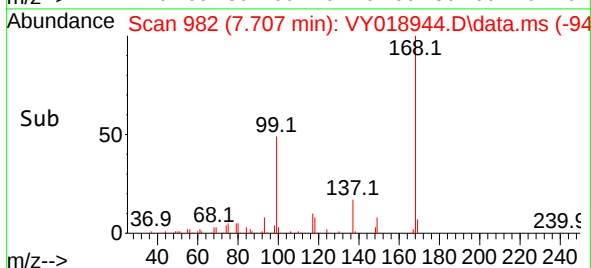
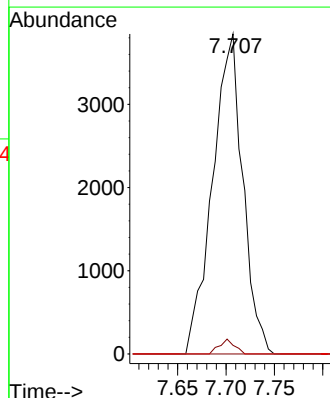
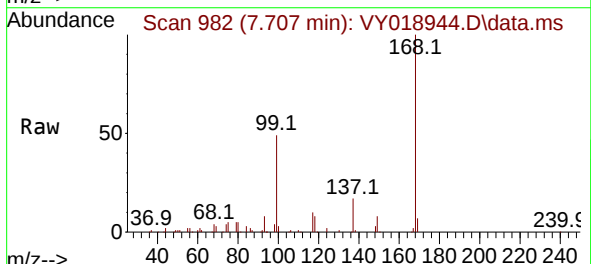
Instrument :
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 OU4-CF-14-080624

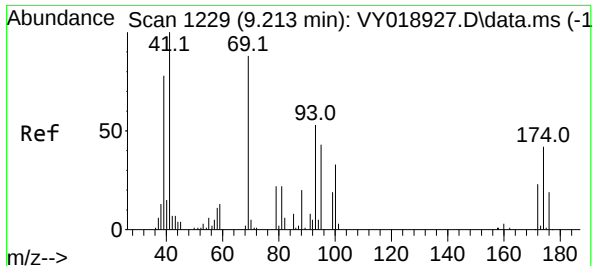
Tgt Ion: 75 Resp: 6002
 Ion Ratio Lower Upper
 75 100
 110 12.7 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.937 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.098 min
 Lab File: VY018944.D
 Acq: 08 Aug 2024 22:28

Tgt Ion: 117 Resp: 8375
 Ion Ratio Lower Upper
 117 100
 119 2.7 75.8 113.6#
 121 0.0 24.0 36.0#

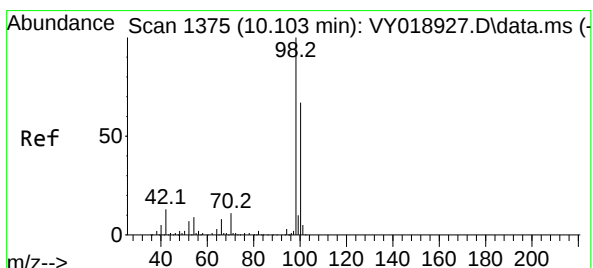
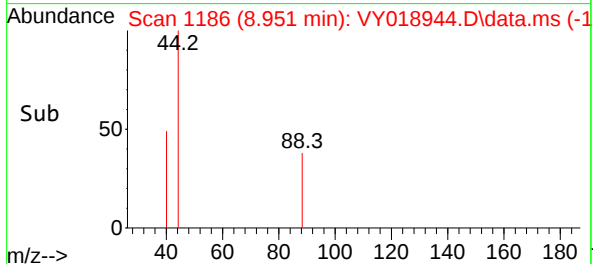
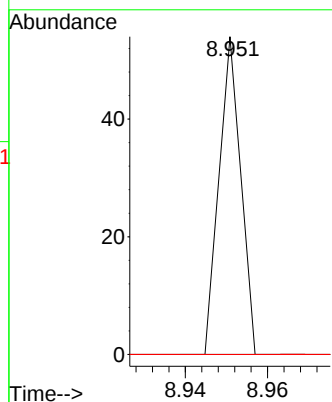
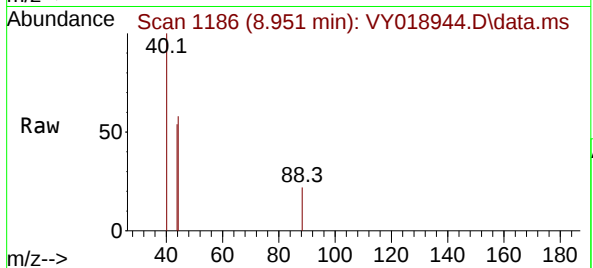




#49
1,4-Dioxane
Concen: 3.201 ug/l
RT: 8.951 min Scan# 1186
Delta R.T. -0.262 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

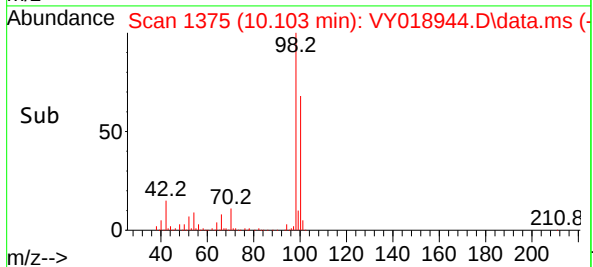
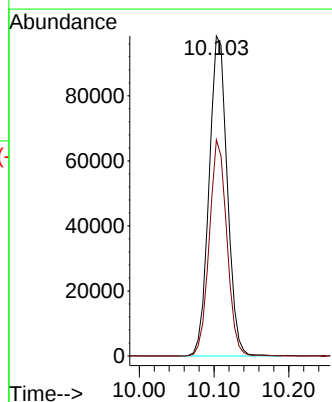
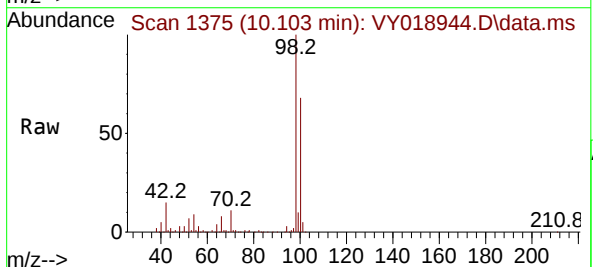
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-14-080624

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 47.174 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

Tgt Ion: 98 Resp: 166081
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

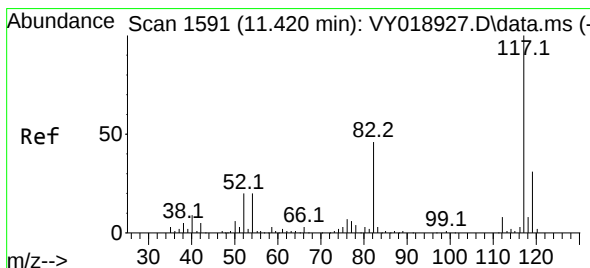
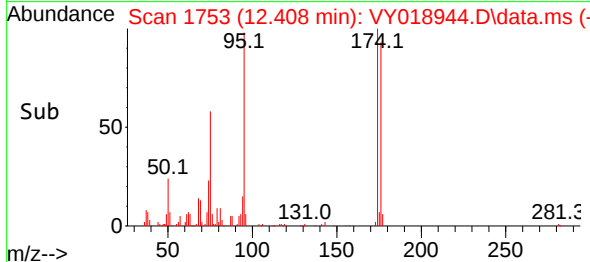
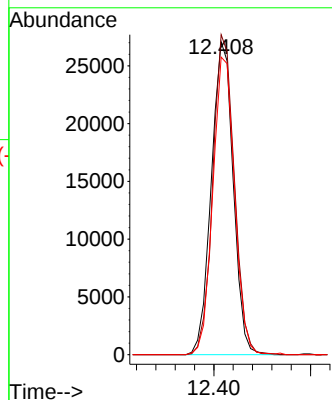
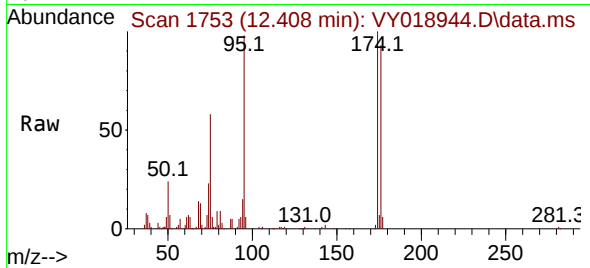




#62
4-Bromofluorobenzene
Concen: 40.750 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

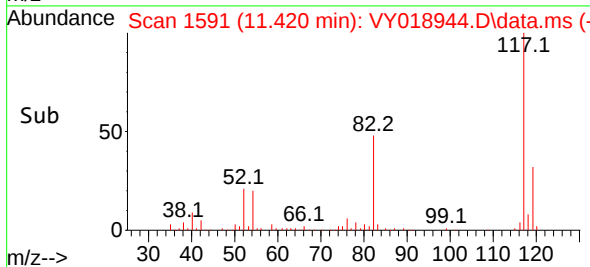
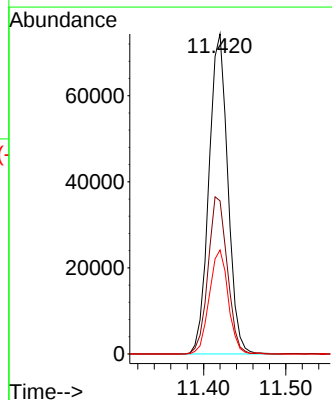
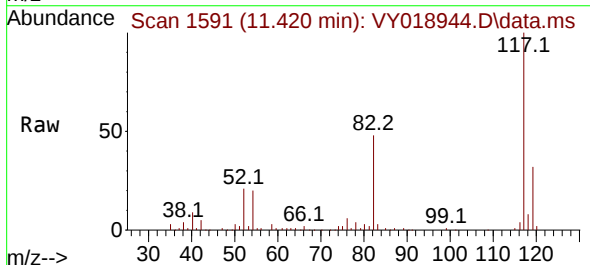
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-14-080624

Tgt Ion:	95	Resp:	42563
Ion	Ratio	Lower	Upper
95	100		
174	100.3	0.0	175.6
176	94.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY018944.D
Acq: 08 Aug 2024 22:28

Tgt Ion:	117	Resp:	118716
Ion	Ratio	Lower	Upper
117	100		
82	47.8	42.4	63.6
119	32.5	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY018944.D

Acq: 08 Aug 2024 22:28

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-14-080624

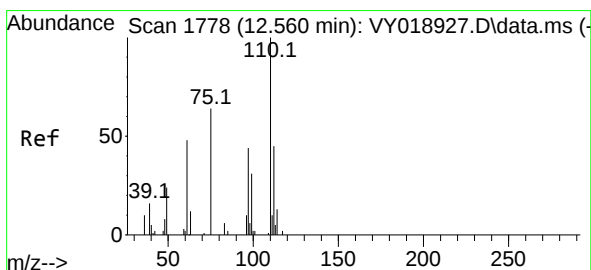
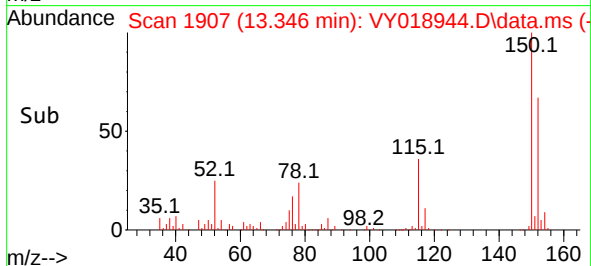
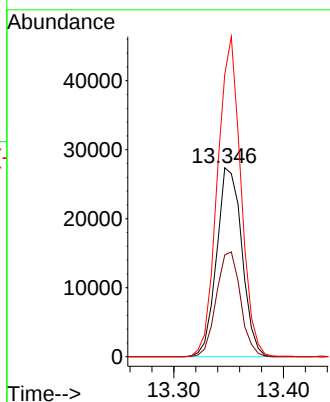
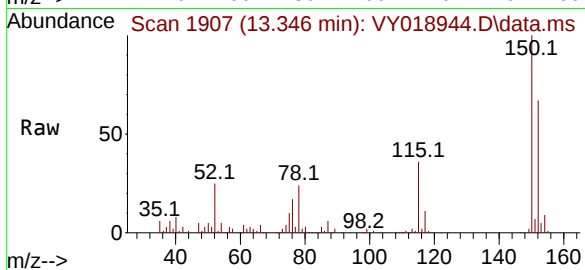
Tgt Ion:152 Resp: 43753

Ion Ratio Lower Upper

152 100

115 53.3 28.2 84.7

150 157.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 73.952 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY018944.D

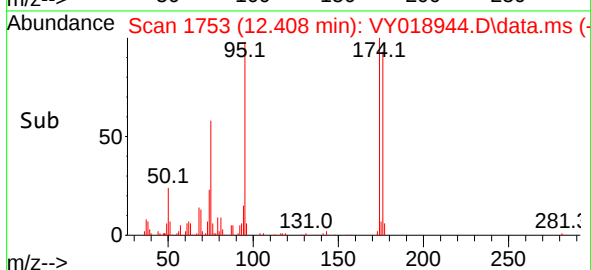
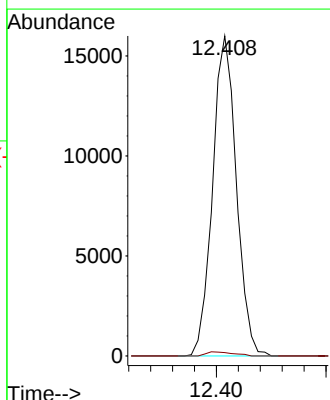
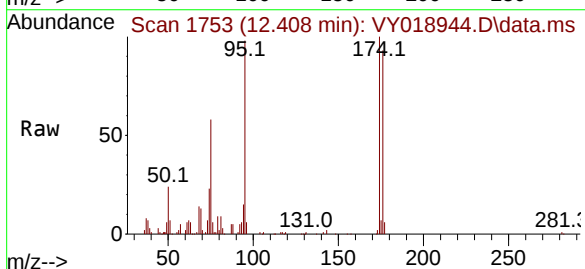
Acq: 08 Aug 2024 22:28

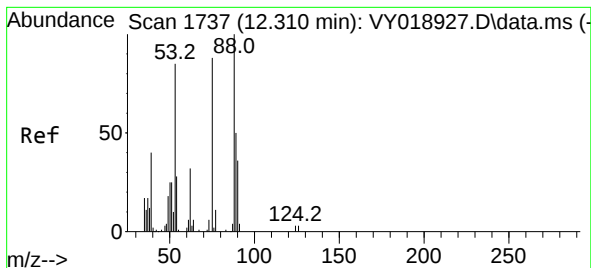
Tgt Ion: 75 Resp: 24105

Ion Ratio Lower Upper

75 100

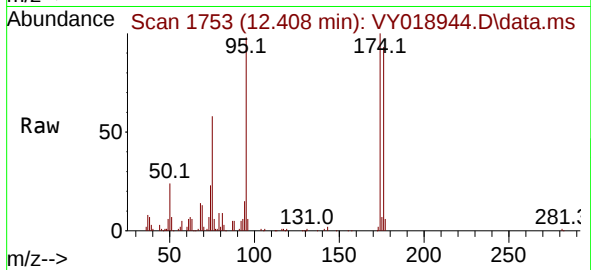
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.386 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY018944.D
 Acq: 08 Aug 2024 22:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-14-080624



Tgt Ion: 75 Resp: 24105
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 35.8 53.6#

