

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018968.D
 Acq On : 09 Aug 2024 15:37
 Operator : SY/MD
 Sample : P3518-13
 Misc : 4.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-07-080724

Quant Time: Aug 09 23:28:02 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)

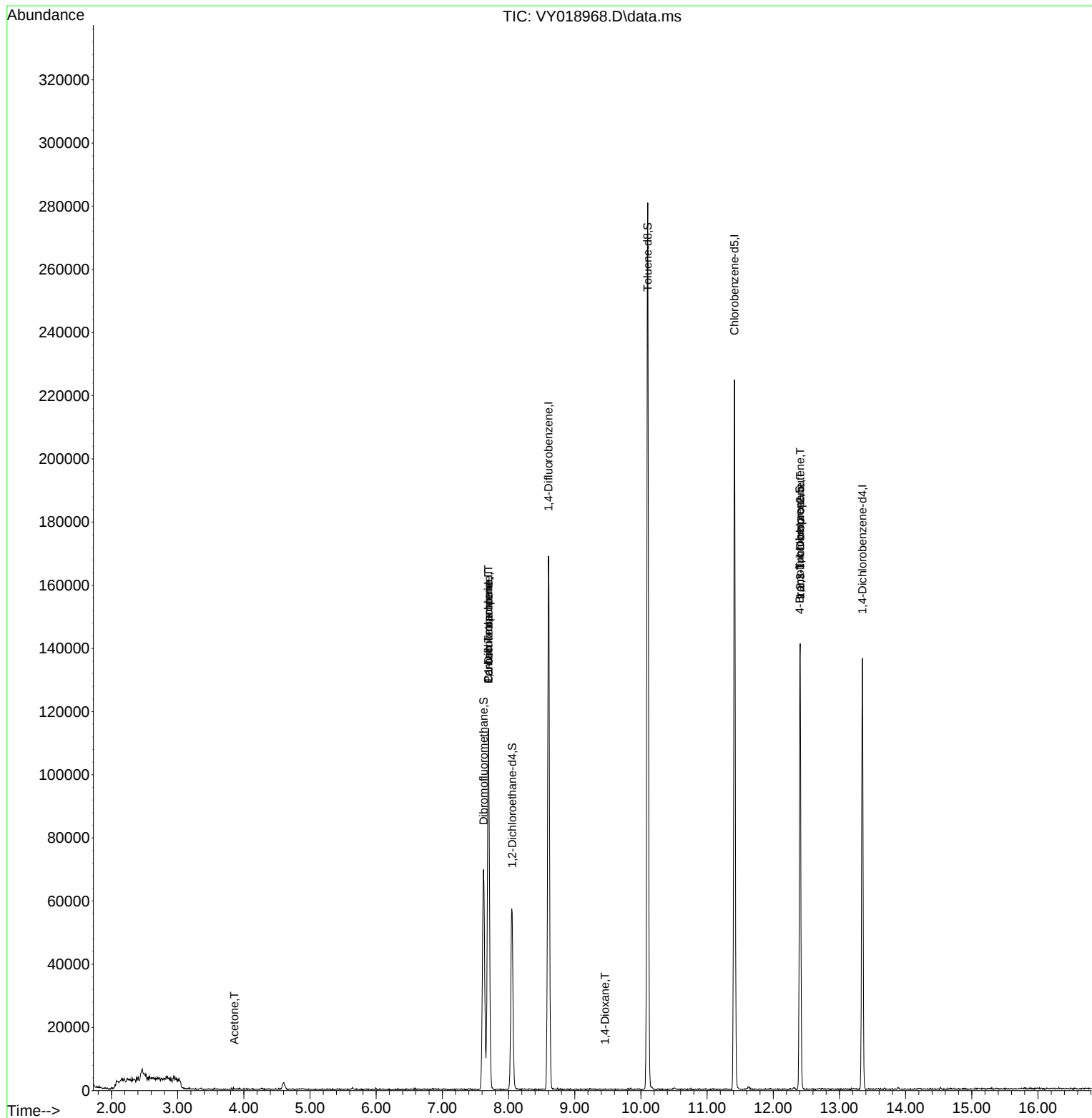
Internal Standards						
1) Pentafluorobenzene	7.695	168	90616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	144500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	108833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	31268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	37235	46.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.600%
35) Dibromofluoromethane	7.622	113	45973	49.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.103	98	173859	49.045	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.401	95	36053	34.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.560%
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	50	Below Cal	#	39
11) Tert butyl alcohol	4.726	59	25	Below Cal	#	88
13) Acrolein	3.879	56	44	Below Cal	#	15
16) Acetone	3.854	43	168	13.302	ug/l #	36
20) Methylene Chloride	4.604	84	1404	Below Cal	#	87
31) Cyclohexane	7.695	56	2231	Below Cal	#	53
36) 1,1-Dichloropropene	7.695	75	6847	5.527	ug/l #	50
38) Carbon Tetrachloride	7.695	117	8364	5.888	ug/l #	17
41) Methacrylonitrile	7.250	41	26	Below Cal	#	2
49) 1,4-Dioxane	9.457	88	51	8.106	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	20972	90.031	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	20972	185.517	ug/l #	16

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

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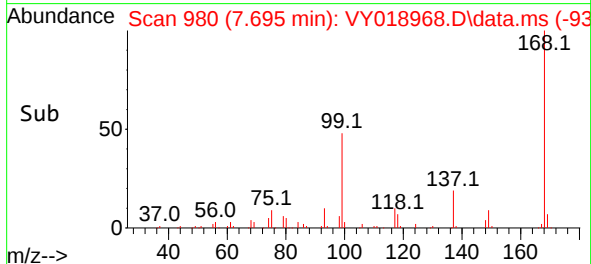
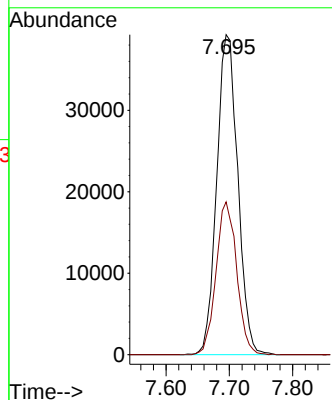
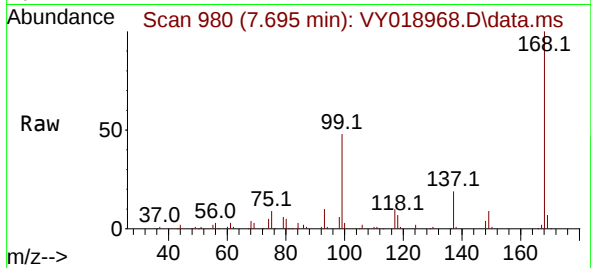




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37

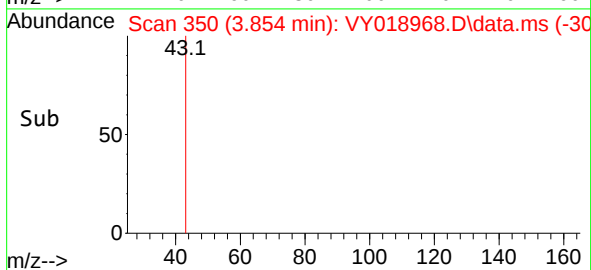
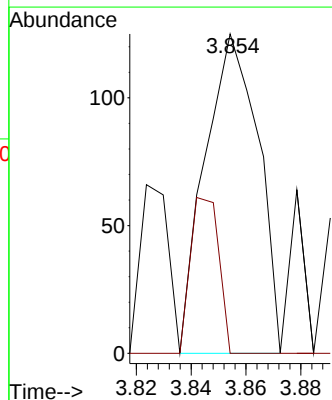
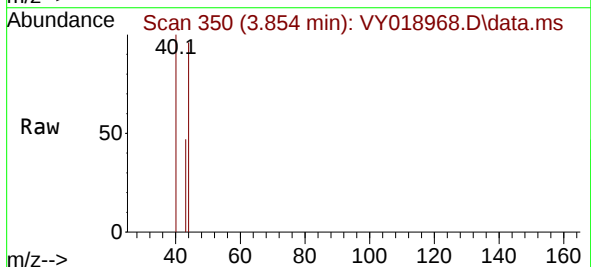
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-07-080724

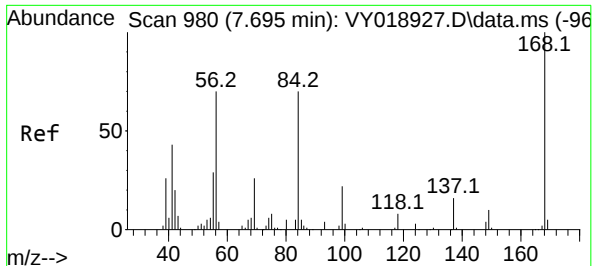
Tgt Ion:168 Resp: 90616
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#16
Acetone
Concen: 13.302 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37

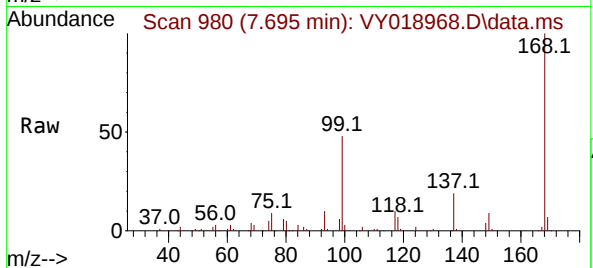
Tgt Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



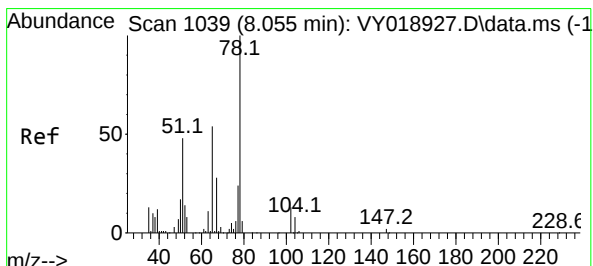
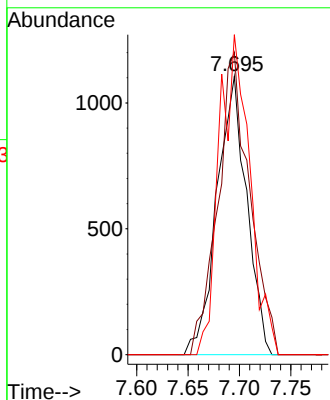
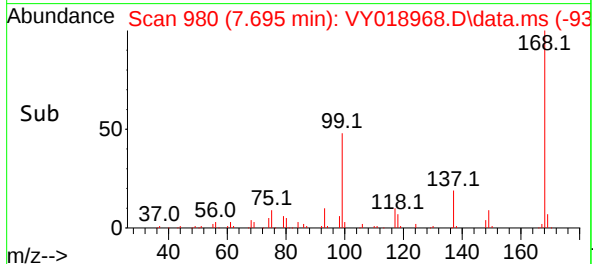


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37

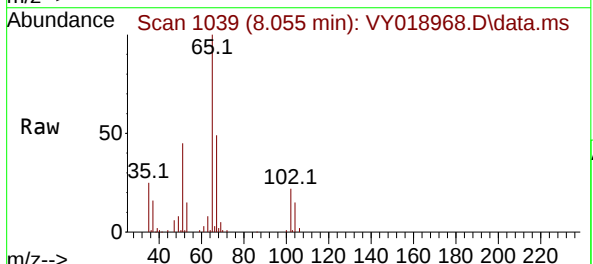
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-07-080724



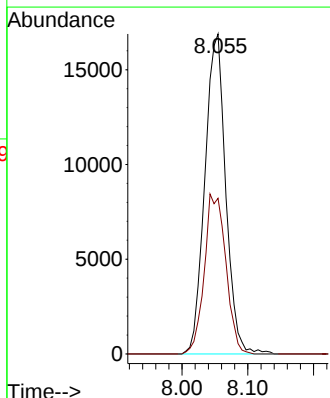
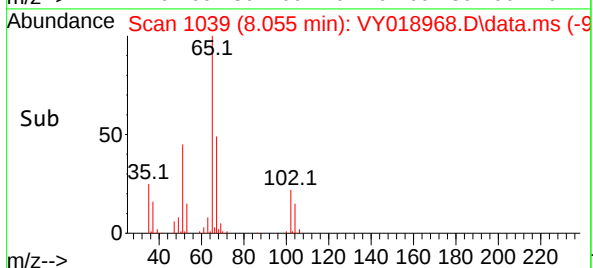
Tgt Ion: 56 Resp: 2231
Ion Ratio Lower Upper
56 100
69 108.6 28.7 43.1#
84 114.9 77.7 116.5

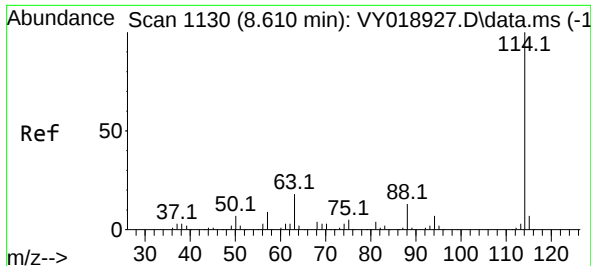


#33
1,2-Dichloroethane-d4
Concen: 46.801 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37



Tgt Ion: 65 Resp: 37235
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

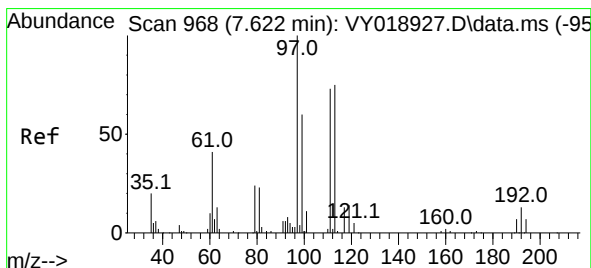
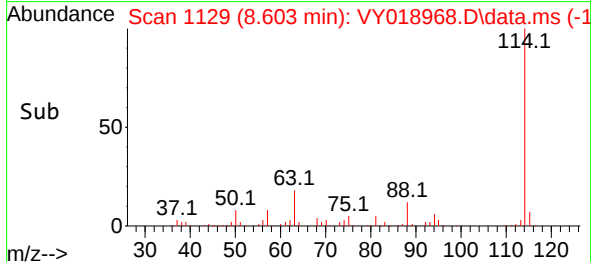
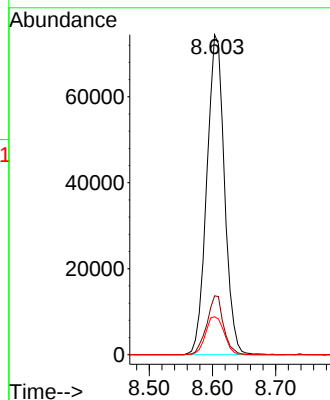
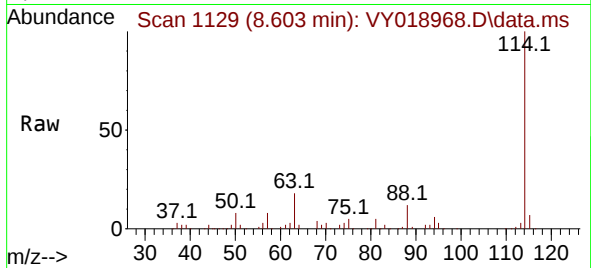




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37

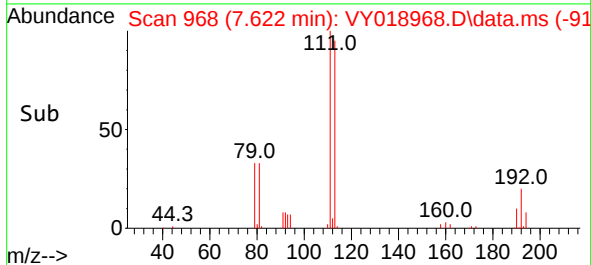
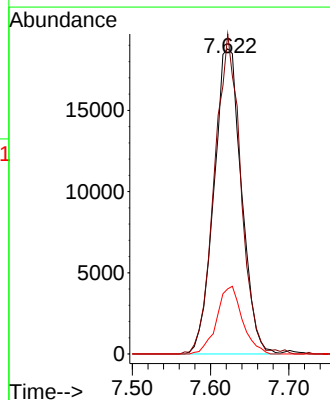
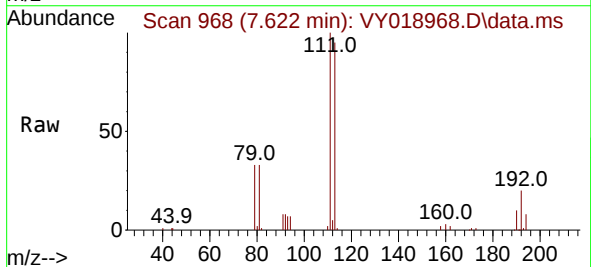
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-07-080724

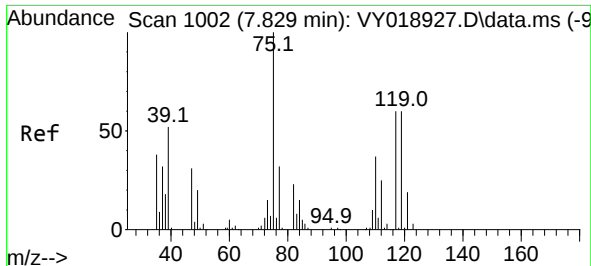
Tgt Ion:114 Resp: 144500
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.0
88 11.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.813 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37

Tgt Ion:113 Resp: 45973
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 20.6 15.9 23.9

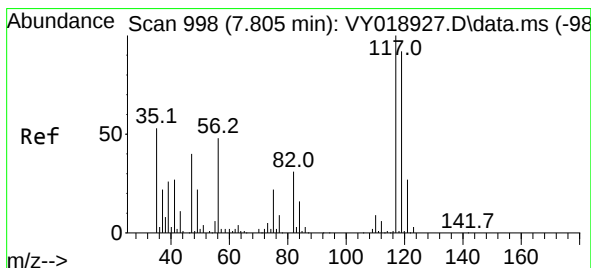
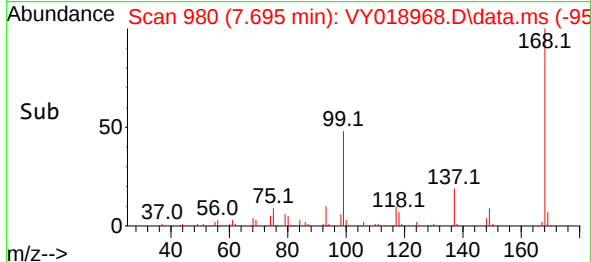
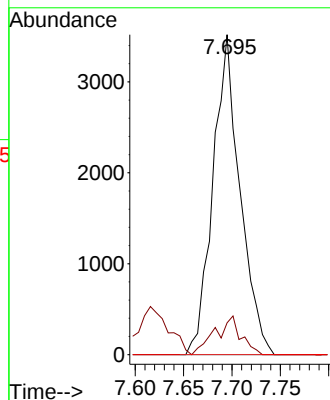
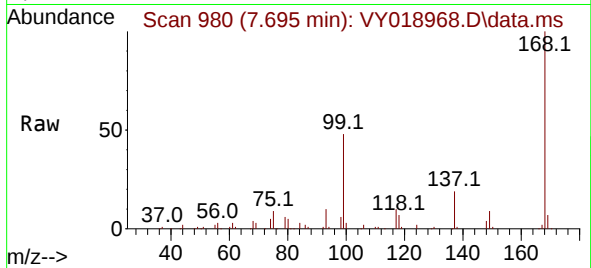




#36
 1,1-Dichloropropene
 Concen: 5.527 ug/l
 RT: 7.695 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY018968.D
 Acq: 09 Aug 2024 15:37

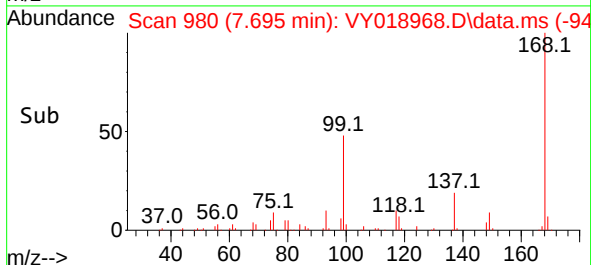
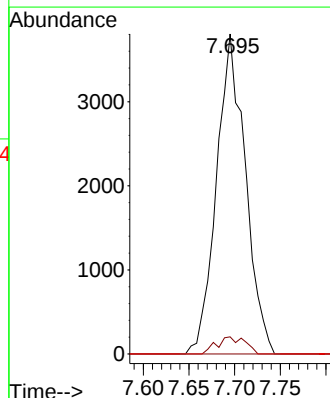
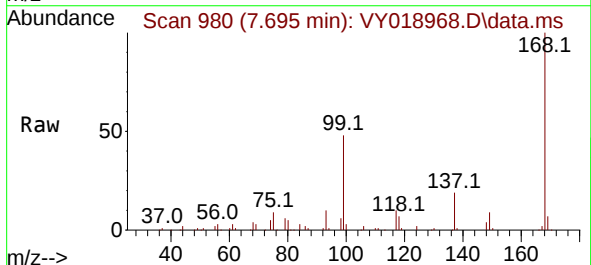
Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-07-080724

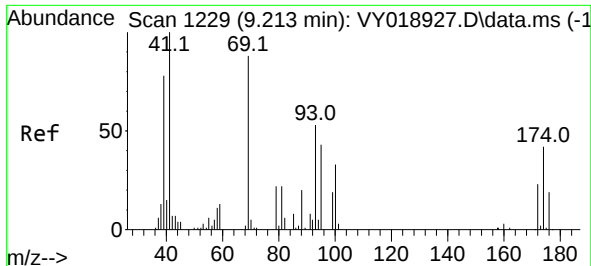
Tgt Ion: 75 Resp: 6847
 Ion Ratio Lower Upper
 75 100
 110 11.5 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.888 ug/l
 RT: 7.695 min Scan# 980
 Delta R.T. -0.110 min
 Lab File: VY018968.D
 Acq: 09 Aug 2024 15:37

Tgt Ion: 117 Resp: 8364
 Ion Ratio Lower Upper
 117 100
 119 5.4 75.8 113.6#
 121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 8.106 ug/l

RT: 9.457 min Scan# 1269

Delta R.T. 0.244 min

Lab File: VY018968.D

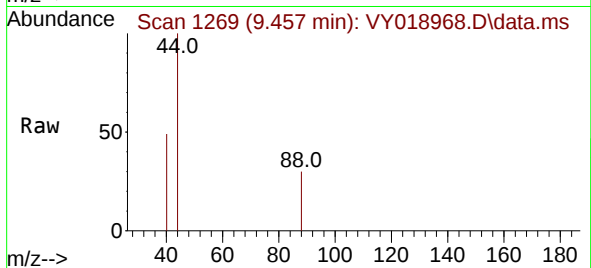
Acq: 09 Aug 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-07-080724



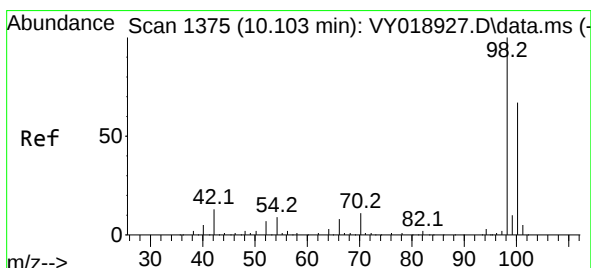
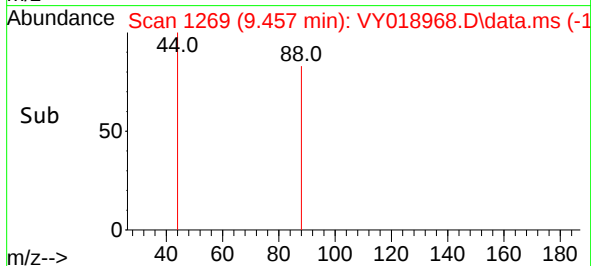
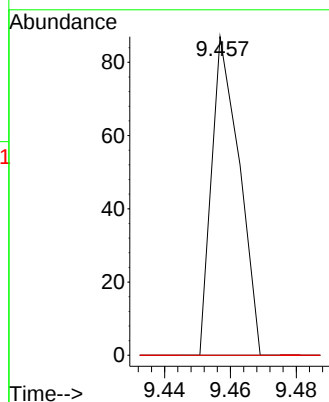
Tgt Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 49.045 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY018968.D

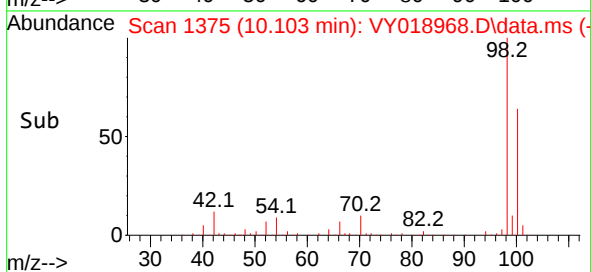
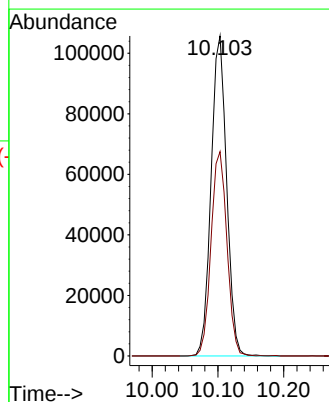
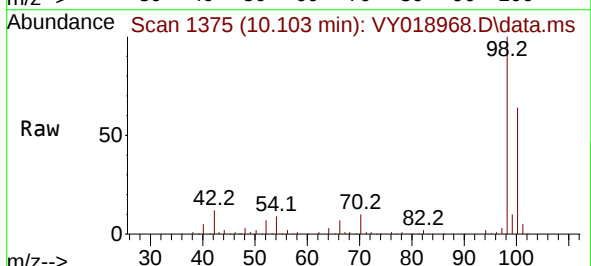
Acq: 09 Aug 2024 15:37

Tgt Ion: 98 Resp: 173859

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

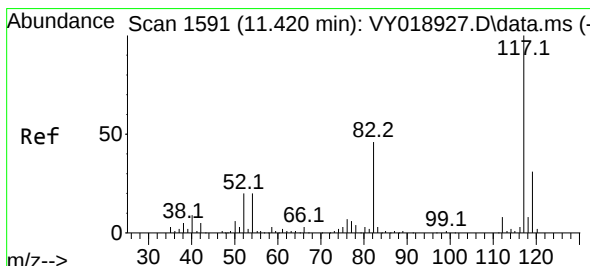
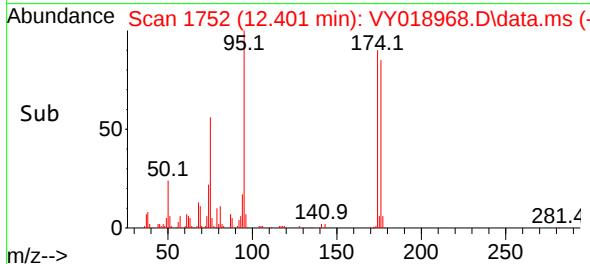
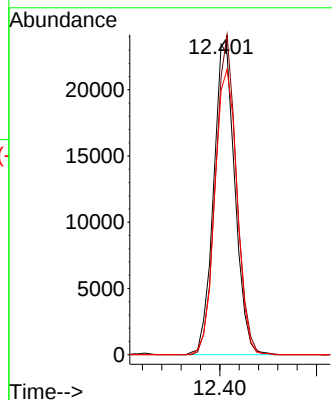
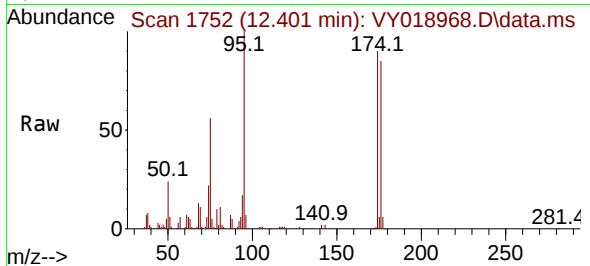




#62
4-Bromofluorobenzene
Concen: 34.281 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018968.D
Acq: 09 Aug 2024 15:37

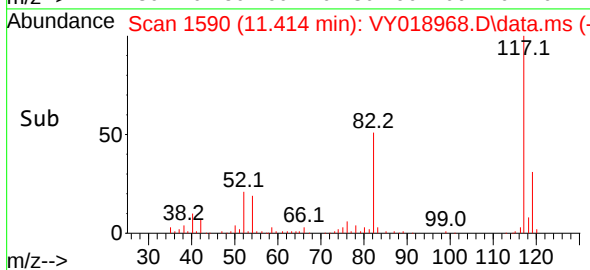
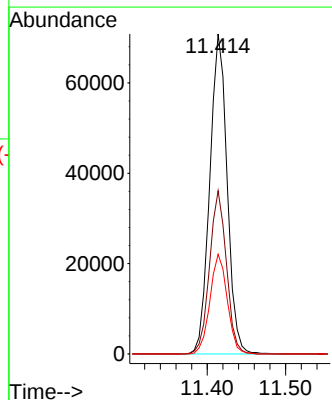
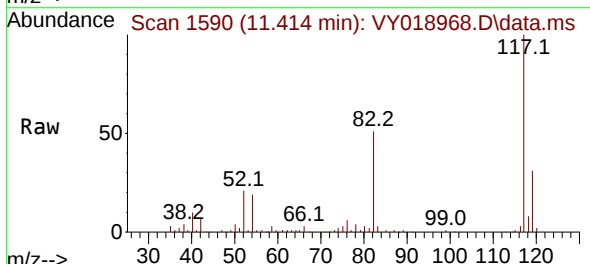
Instrument :
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ClientSampleId :
OU4-TS-07-080724

Tgt Ion: 95 Resp: 36053
Ion Ratio Lower Upper
95 100
174 100.4 0.0 175.6
176 95.4 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: VY018968.D
Acq: 09 Aug 2024 15:37

Tgt Ion: 117 Resp: 108833
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 31.2 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: VY018968.D

Acq: 09 Aug 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-07-080724

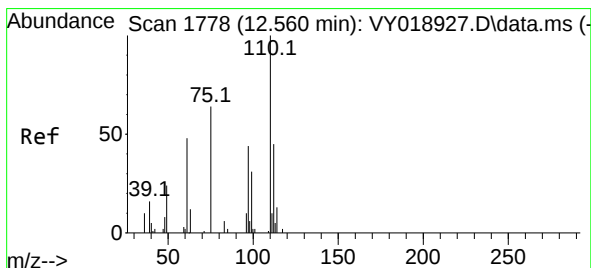
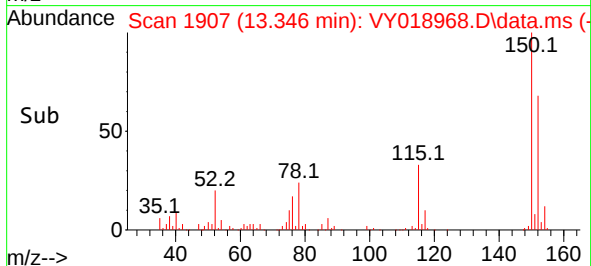
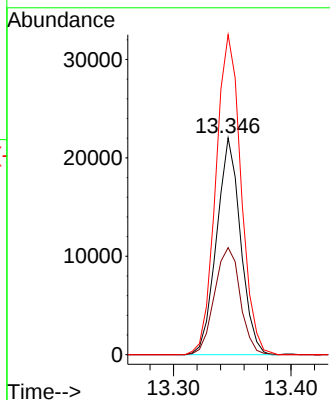
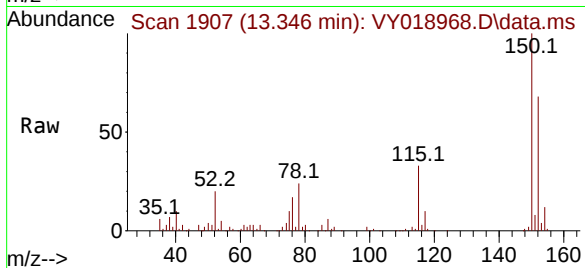
Tgt Ion:152 Resp: 31268

Ion Ratio Lower Upper

152 100

115 53.0 28.2 84.7

150 154.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 90.031 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY018968.D

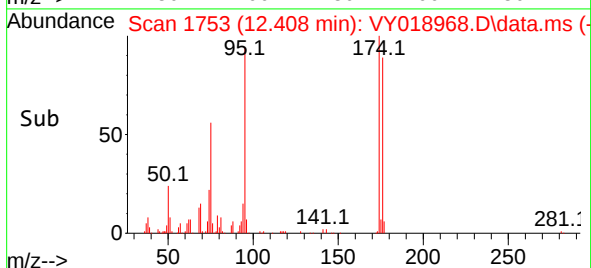
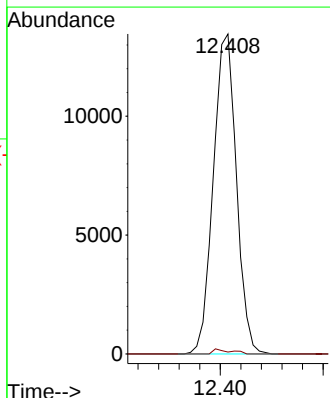
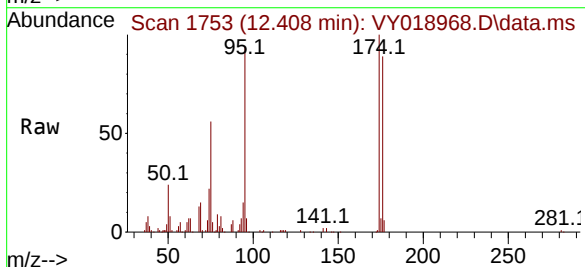
Acq: 09 Aug 2024 15:37

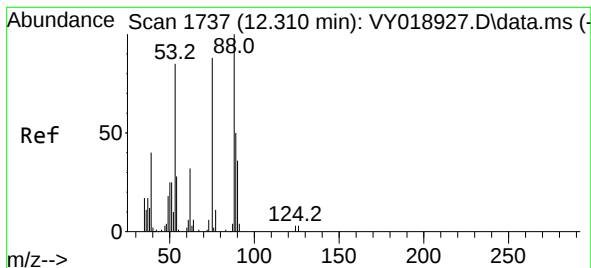
Tgt Ion: 75 Resp: 20972

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 185.517 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.097 min

Lab File: VY018968.D

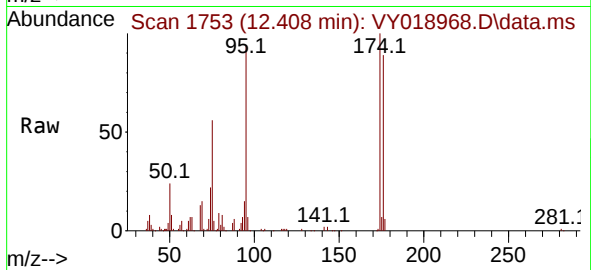
Acq: 09 Aug 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-07-080724



Tgt Ion: 75 Resp: 20972

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

