

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019008.D
 Acq On : 12 Aug 2024 17:37
 Operator : SY/MD
 Sample : P3519-29
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-07-080624

Quant Time: Aug 13 01:17:58 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)

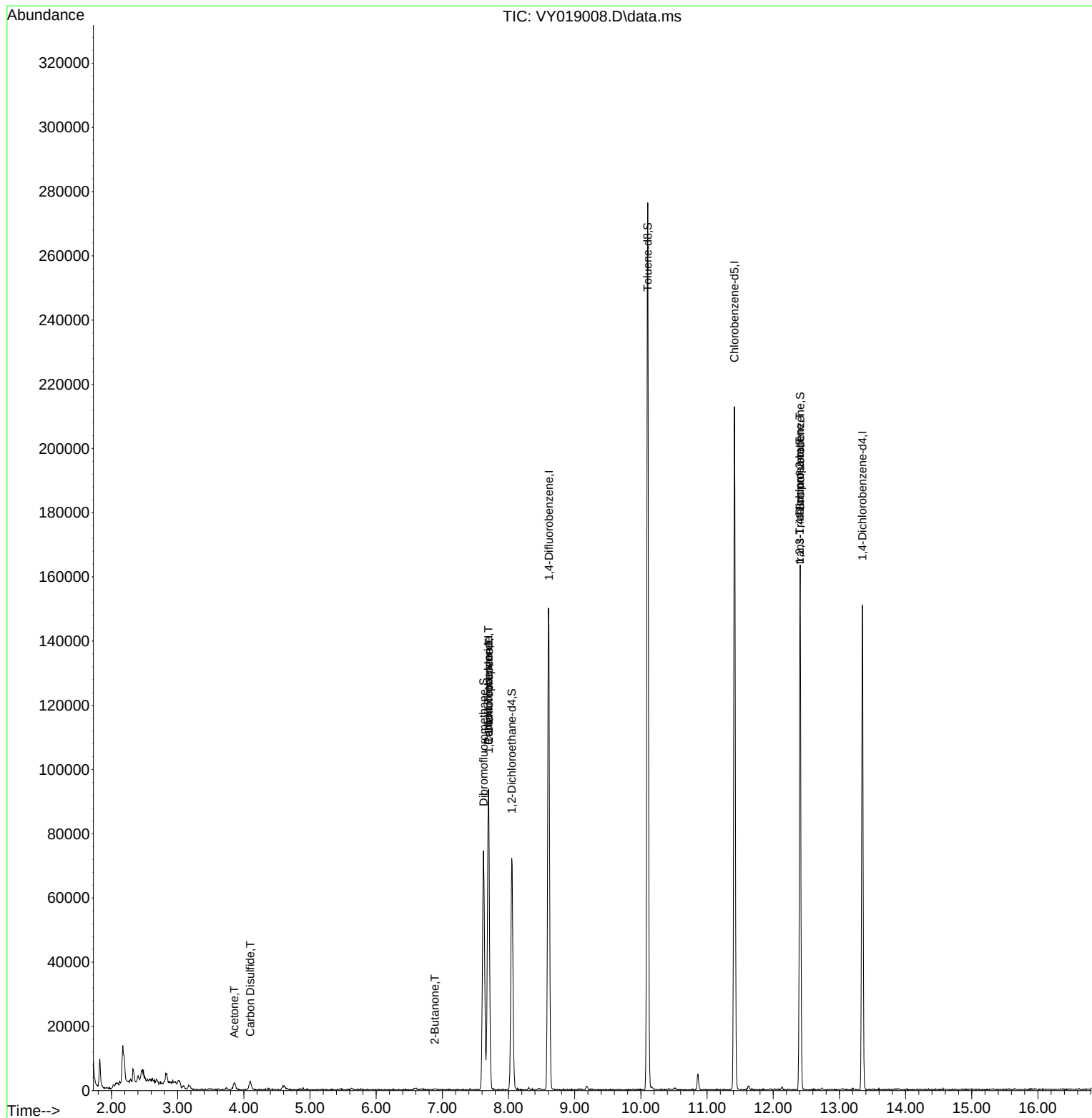
Internal Standards						
1) Pentafluorobenzene	7.695	168	74274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	127880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	106000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	34616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	44349	68.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.020%	
35) Dibromofluoromethane	7.622	113	46068	56.404	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.800%	
50) Toluene-d8	10.103	98	170264	54.273	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.540%	
62) 4-Bromofluorobenzene	12.408	95	38724	41.606	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.062	50	57	Below Cal	#	35
11) Tert butyl alcohol	4.848	59	64	Below Cal	#	88
13) Acrolein	3.757	56	30	Below Cal	#	15
16) Acetone	3.854	43	3493	32.270	ug/l #	75
17) Carbon Disulfide	4.098	76	4318	2.158	ug/l	99
20) Methylene Chloride	4.604	84	863	Below Cal	#	71
25) 2-Butanone	6.884	43	522	2.472	ug/l #	41
31) Cyclohexane	7.689	56	1950	Below Cal	#	61
36) 1,1-Dichloropropene	7.701	75	5937	5.415	ug/l #	46
38) Carbon Tetrachloride	7.695	117	6997	5.566	ug/l #	16
41) Methacrylonitrile	7.256	41	29	Below Cal	#	18
76) 1,2,3-Trichloropropane	12.401	75	22613	87.687	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	22613	180.687	ug/l #	16

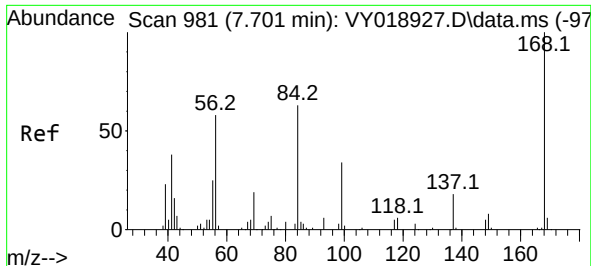
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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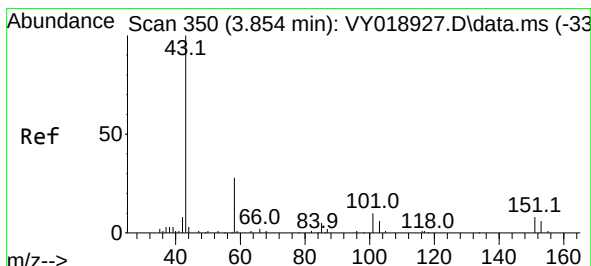
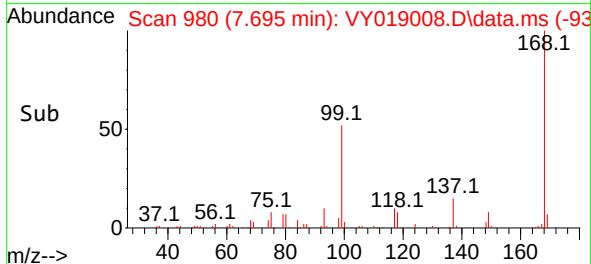
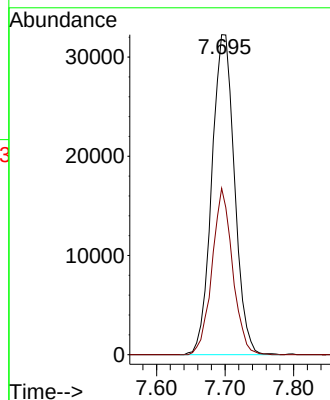
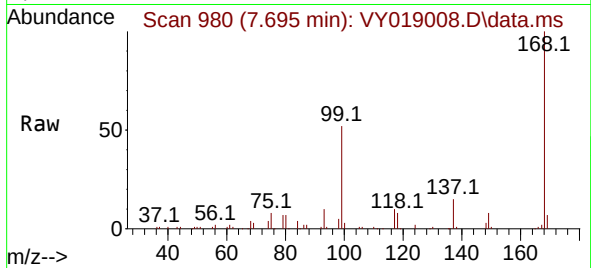




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019008.D
Acq: 12 Aug 2024 17:37

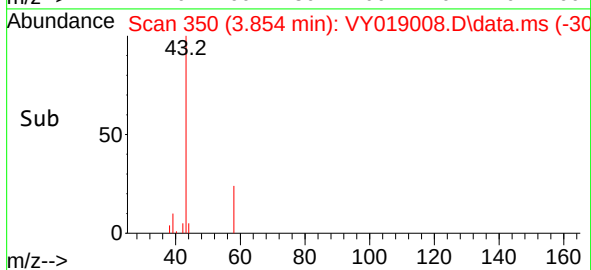
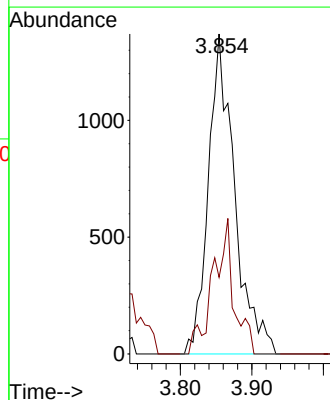
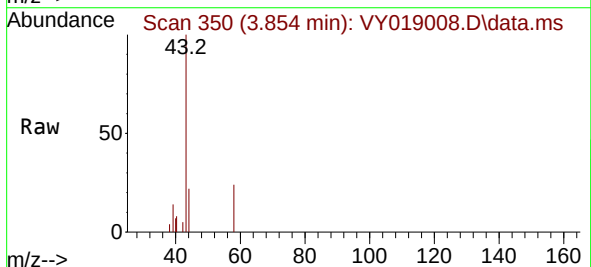
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-07-080624

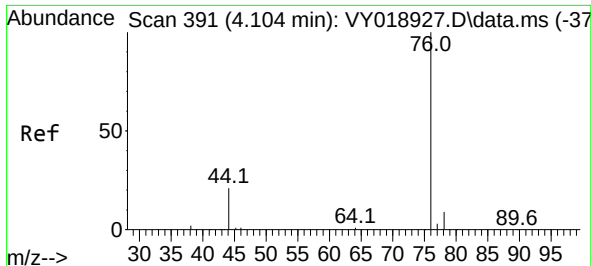
Tgt Ion:168 Resp: 74274
Ion Ratio Lower Upper
168 100
99 52.0 39.1 58.7



#16
Acetone
Concen: 32.270 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY019008.D
Acq: 12 Aug 2024 17:37

Tgt Ion: 43 Resp: 3493
Ion Ratio Lower Upper
43 100
58 23.9 31.7 47.5#

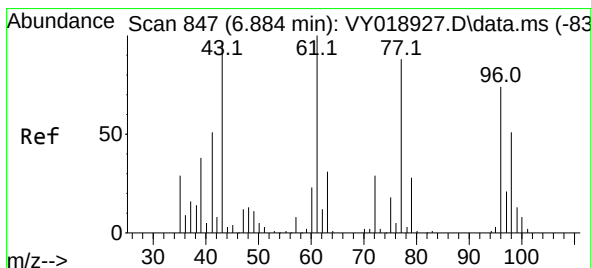
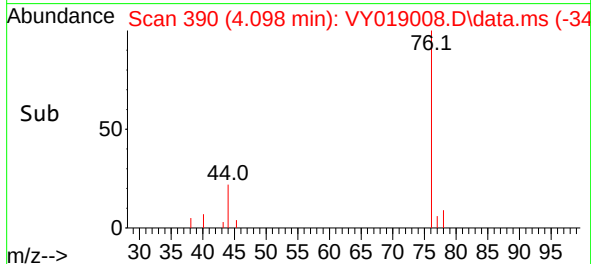
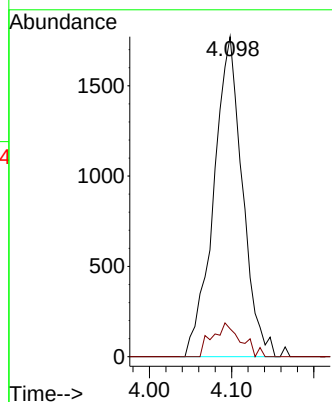
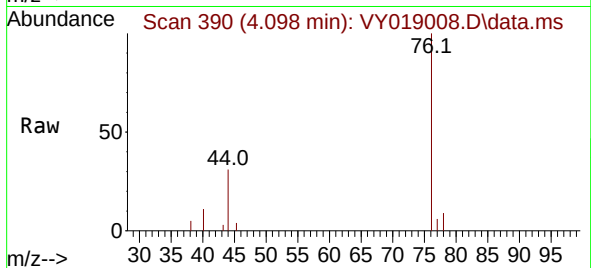




#17
Carbon Disulfide
Concen: 2.158 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY019008.D
Acq: 12 Aug 2024 17:37

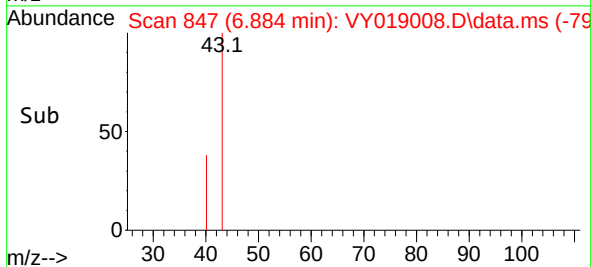
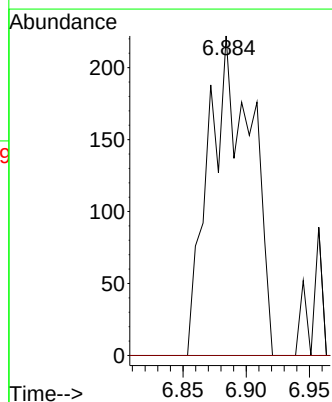
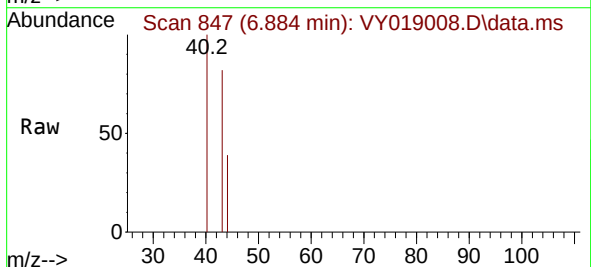
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-07-080624

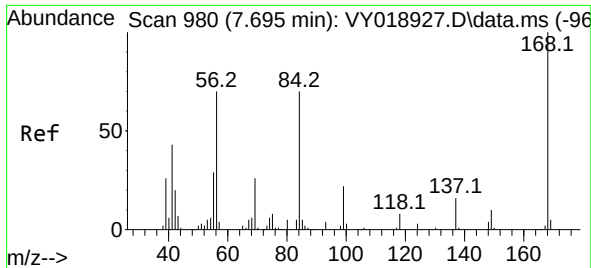
Tgt Ion: 76 Resp: 4318
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#25
2-Butanone
Concen: 2.472 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY019008.D
Acq: 12 Aug 2024 17:37

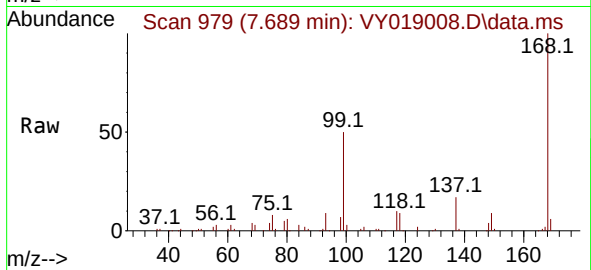
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



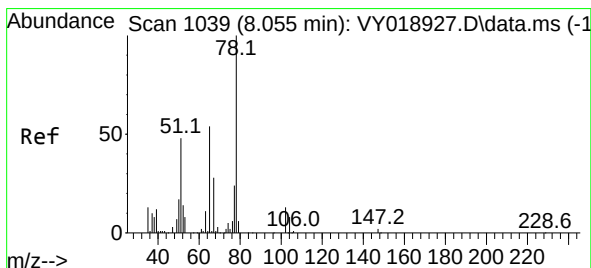
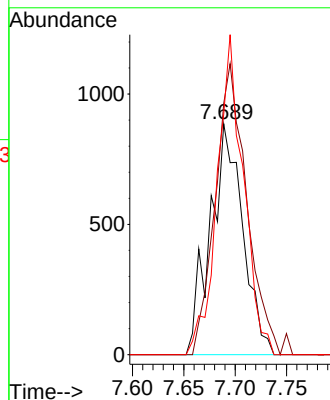
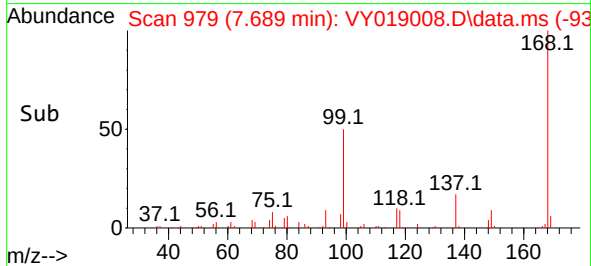


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019008.D
Acq: 12 Aug 2024 17:37

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-07-080624

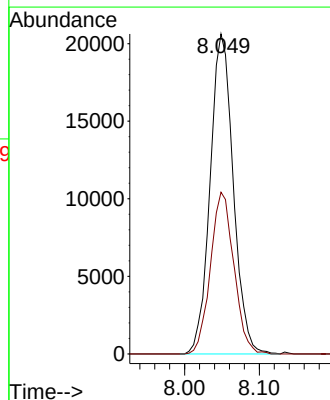
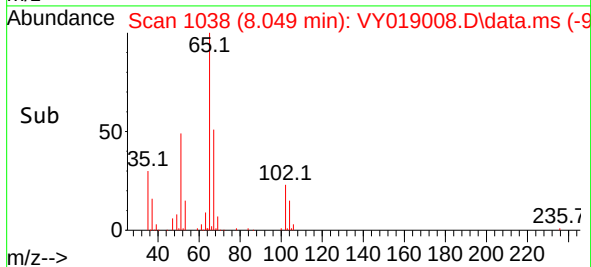
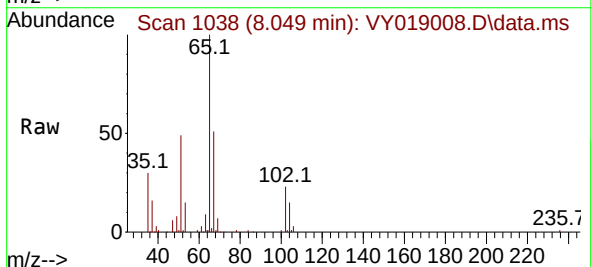


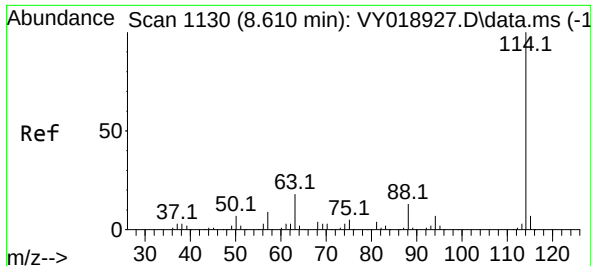
Tgt Ion: 56 Resp: 1950
Ion Ratio Lower Upper
56 100
69 108.8 28.7 43.1#
84 104.1 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 68.007 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019008.D
Acq: 12 Aug 2024 17:37

Tgt Ion: 65 Resp: 44349
Ion Ratio Lower Upper
65 100
67 51.2 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: VY019008.D

Acq: 12 Aug 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-07-080624

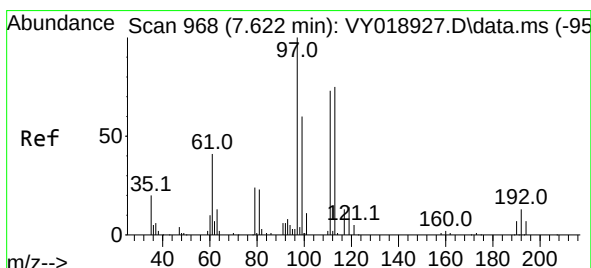
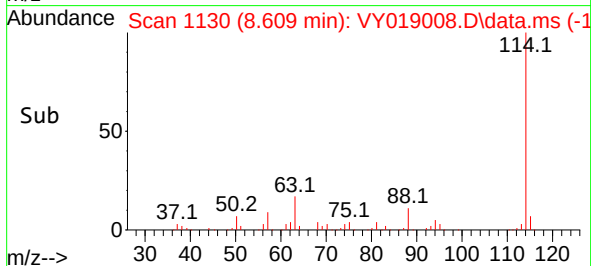
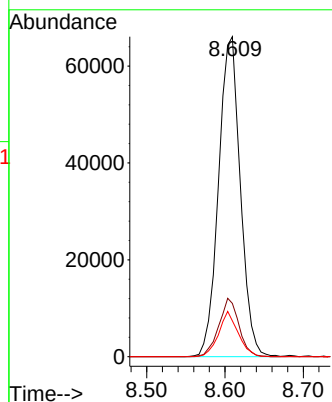
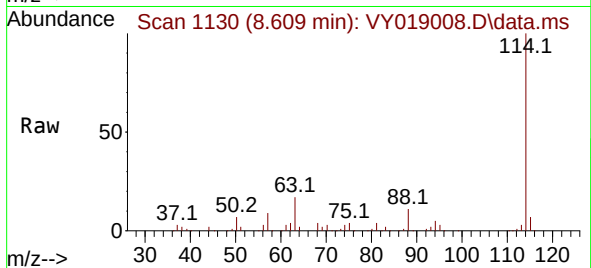
Tgt Ion:114 Resp: 127880

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 11.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.404 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019008.D

Acq: 12 Aug 2024 17:37

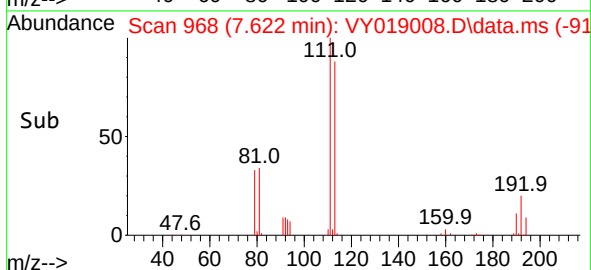
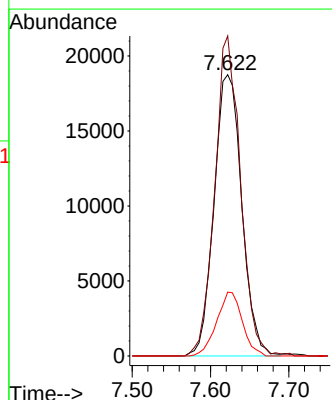
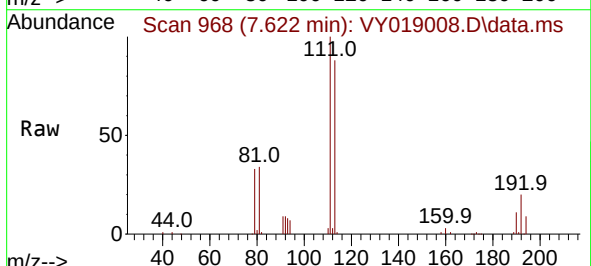
Tgt Ion:113 Resp: 46068

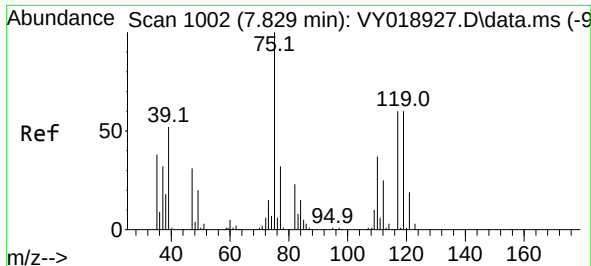
Ion Ratio Lower Upper

113 100

111 105.7 82.2 123.4

192 21.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.415 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY019008.D

Acq: 12 Aug 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-07-080624

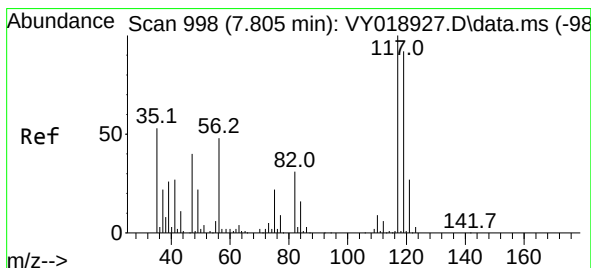
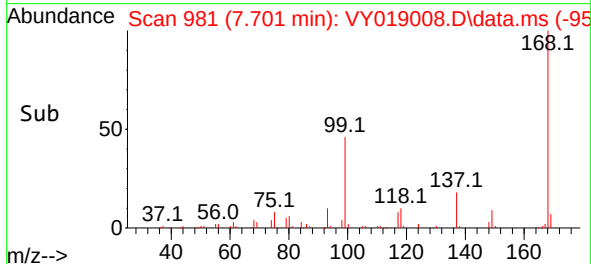
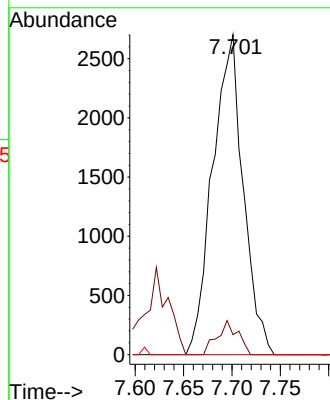
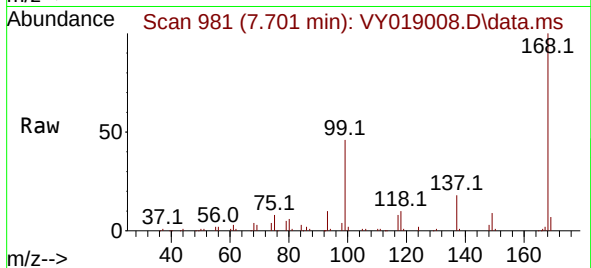
Tgt Ion: 75 Resp: 5937

Ion Ratio Lower Upper

75 100

110 7.2 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.566 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY019008.D

Acq: 12 Aug 2024 17:37

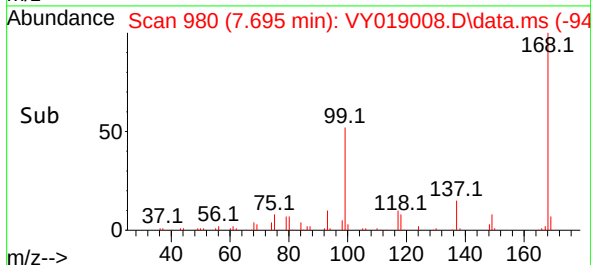
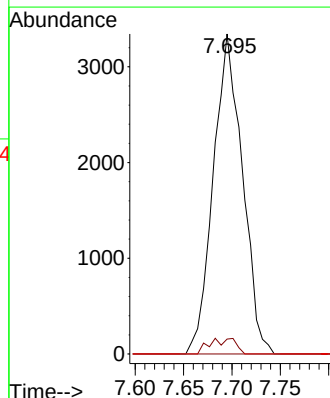
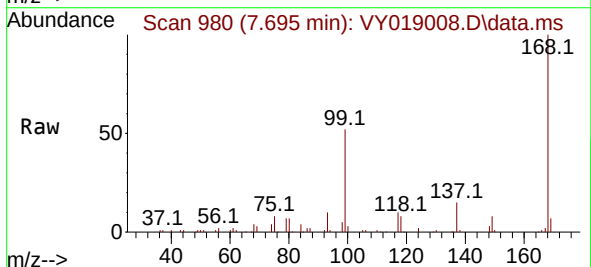
Tgt Ion: 117 Resp: 6997

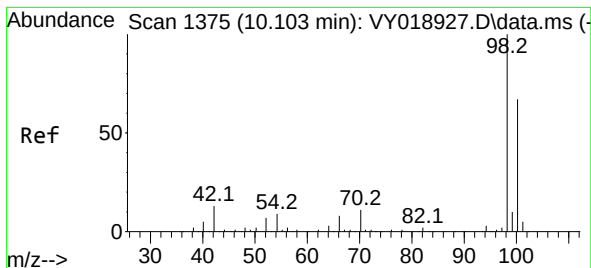
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 54.273 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019008.D

Acq: 12 Aug 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

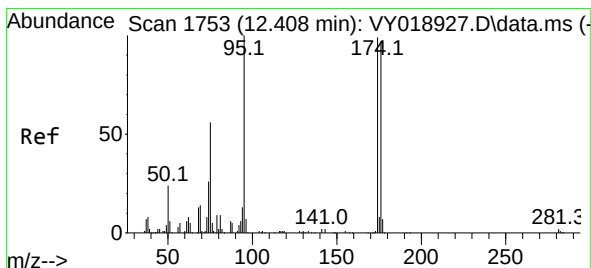
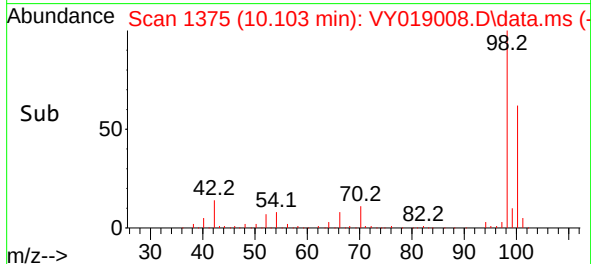
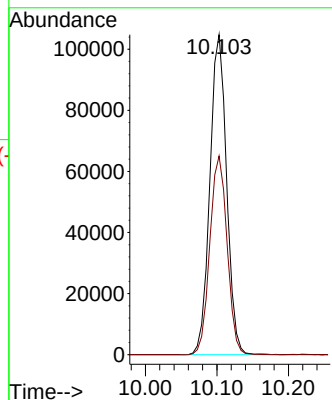
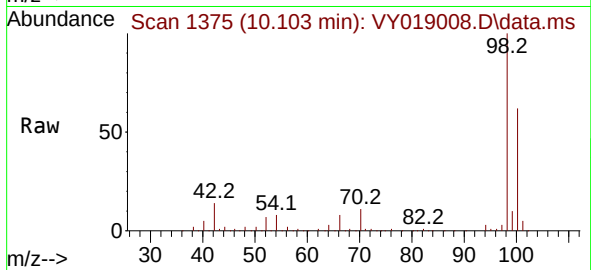
OU4-CF-07-080624

Tgt Ion: 98 Resp: 170264

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 41.606 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019008.D

Acq: 12 Aug 2024 17:37

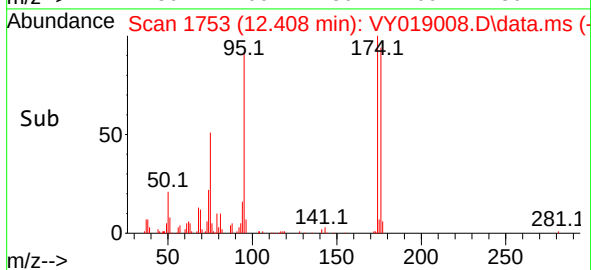
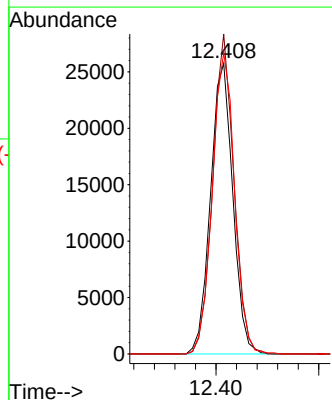
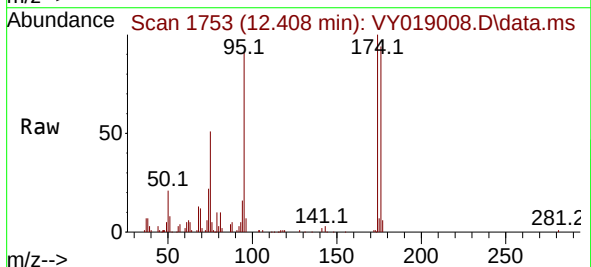
Tgt Ion: 95 Resp: 38724

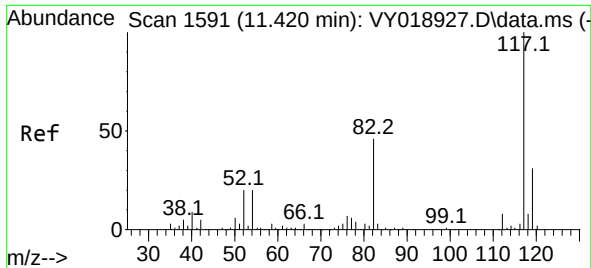
Ion Ratio Lower Upper

95 100

174 104.8 0.0 175.6

176 103.4 0.0 171.4

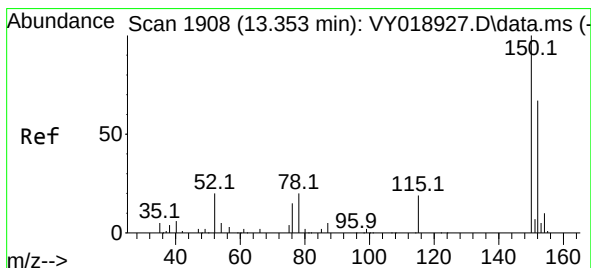
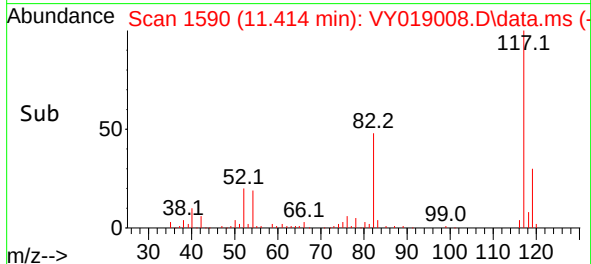
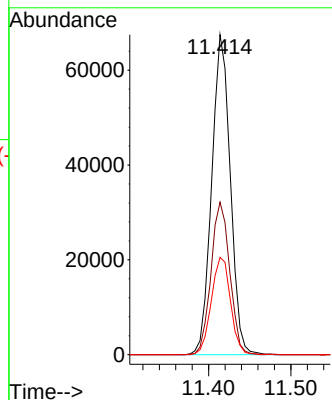
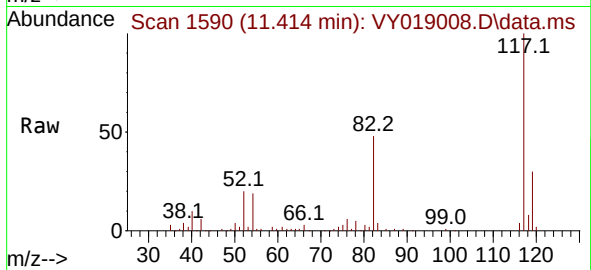




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019008.D
Acq: 12 Aug 2024 17:37

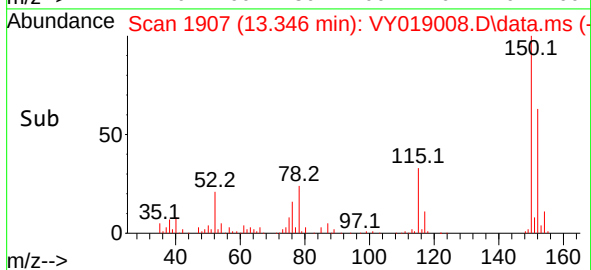
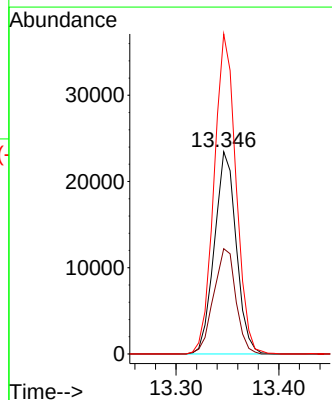
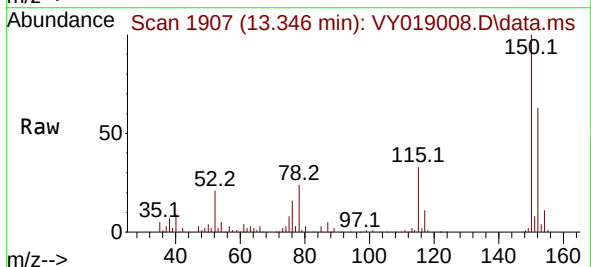
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-07-080624

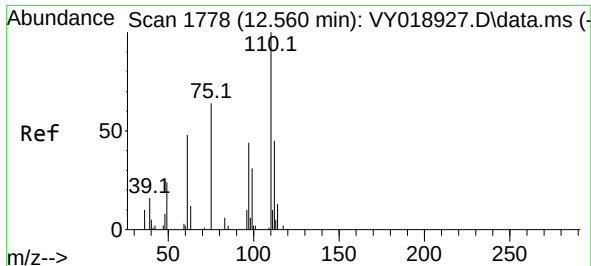
Tgt Ion:117 Resp: 106000
Ion Ratio Lower Upper
117 100
82 47.7 42.4 63.6
119 30.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019008.D
Acq: 12 Aug 2024 17:37

Tgt Ion:152 Resp: 34616
Ion Ratio Lower Upper
152 100
115 53.0 28.2 84.7
150 158.6 0.0 345.6

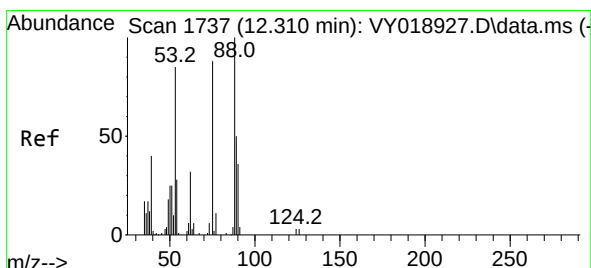
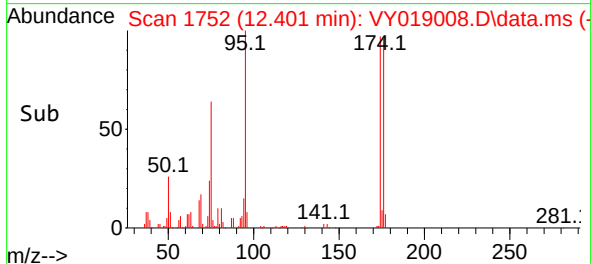
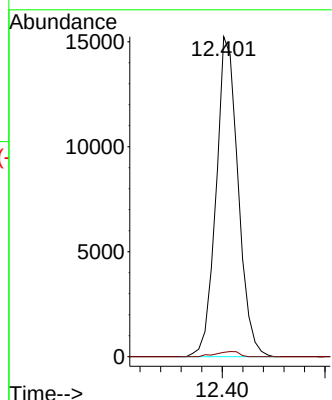
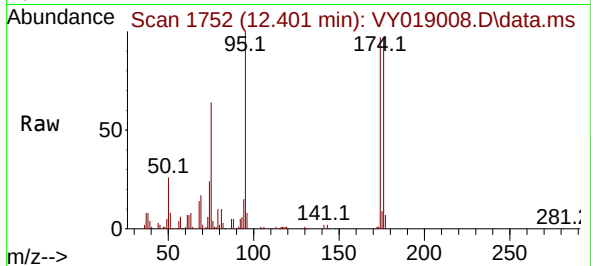




#76
1,2,3-Trichloropropane
Concen: 87.687 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.159 min
Lab File: VY019008.D
Acq: 12 Aug 2024 17:37

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-07-080624

Tgt Ion: 75 Resp: 22613
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 180.687 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.091 min
Lab File: VY019008.D
Acq: 12 Aug 2024 17:37

Tgt Ion: 75 Resp: 22613
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

