

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018942.D
 Acq On : 08 Aug 2024 21:40
 Operator : SY/MD
 Sample : P3520-09
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-12-080624

Quant Time: Aug 09 05:12:11 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)

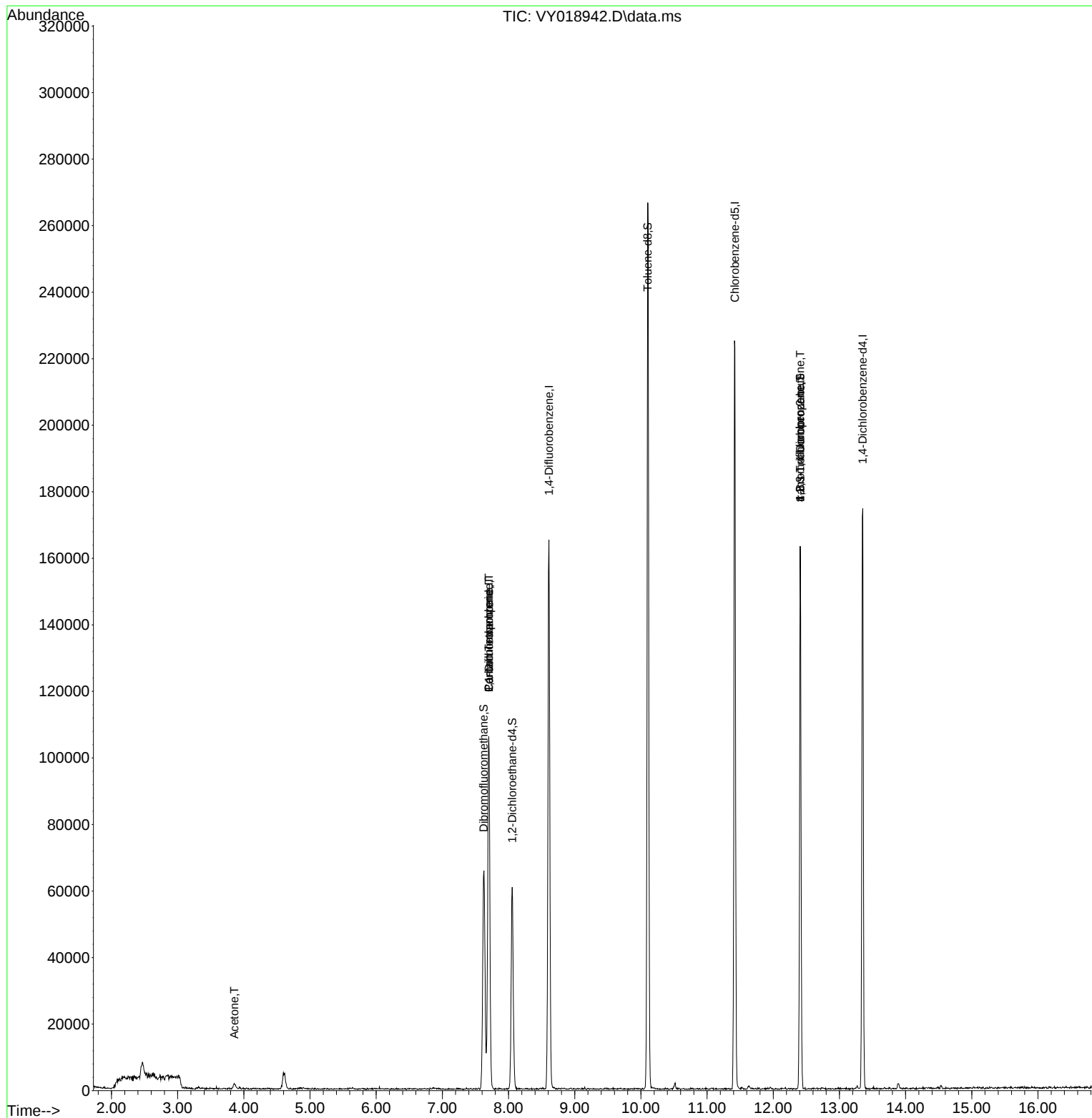
Internal Standards						
1) Pentafluorobenzene	7.701	168	85729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	141646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	113646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	41517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	37718	50.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.220%	
35) Dibromofluoromethane	7.622	113	44100	48.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.500%	
50) Toluene-d8	10.103	98	163939	47.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.360%	
62) 4-Bromofluorobenzene	12.408	95	40111	38.908	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	73	Below Cal	#	54
11) Tert butyl alcohol	4.817	59	234	Below Cal	#	88
13) Acrolein	3.690	56	21	Below Cal	#	15
16) Acetone	3.854	43	2743	25.940	ug/l	97
20) Methylene Chloride	4.598	84	3489	Below Cal	#	80
31) Cyclohexane	7.701	56	2229	Below Cal	#	32
36) 1,1-Dichloropropene	7.701	75	6435	5.299	ug/l #	47
38) Carbon Tetrachloride	7.701	117	7841	5.631	ug/l #	16
41) Methacrylonitrile	7.232	41	58	Below Cal	#	15
76) 1,2,3-Trichloropropane	12.408	75	23416	75.708	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	23416	156.002	ug/l #	16

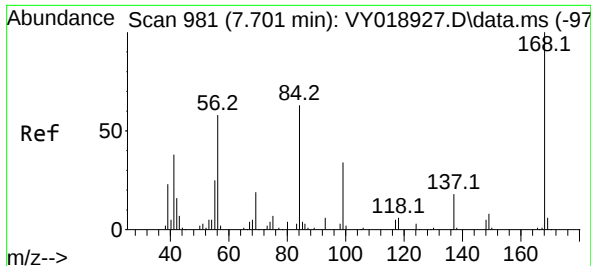
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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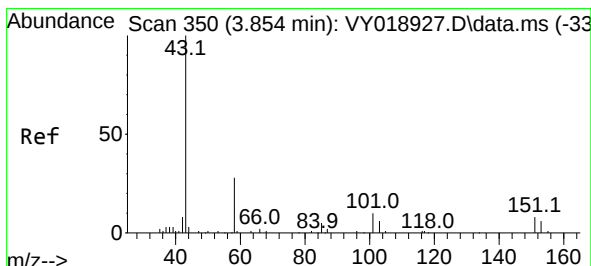
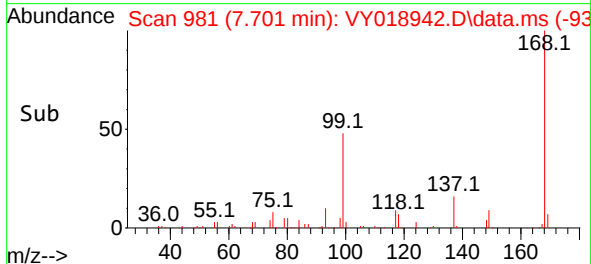
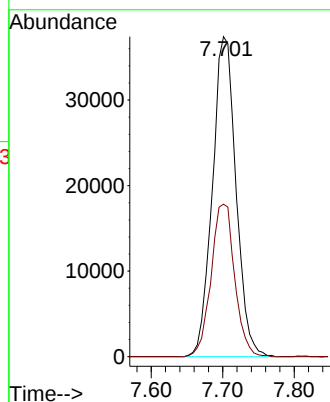
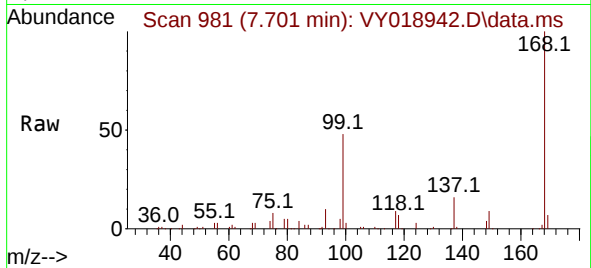




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

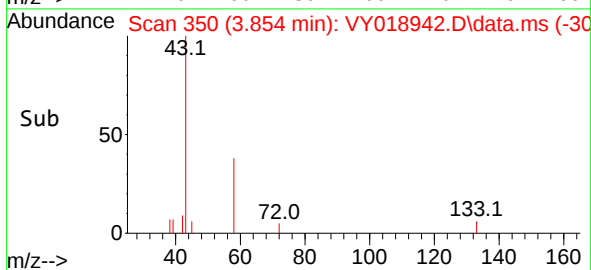
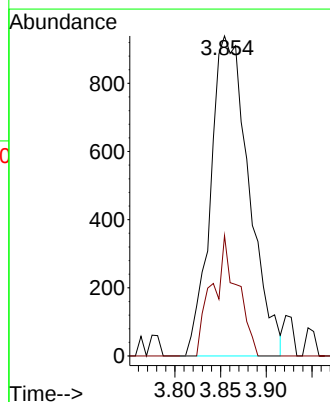
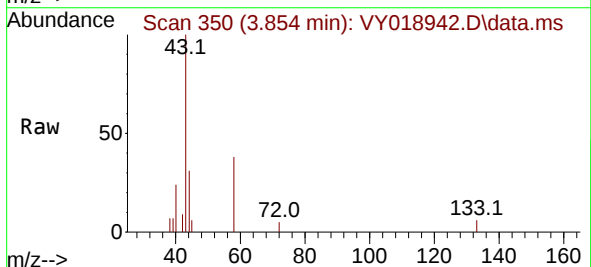
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-12-080624

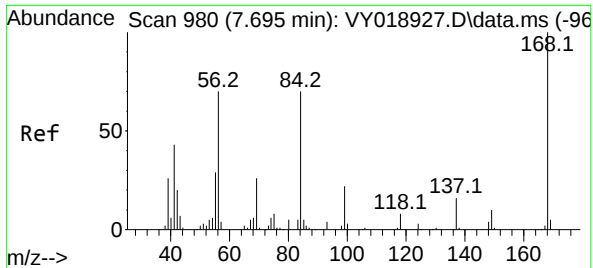
Tgt Ion:168 Resp: 85729
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#16
Acetone
Concen: 25.940 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

Tgt Ion: 43 Resp: 2743
Ion Ratio Lower Upper
43 100
58 37.6 31.7 47.5

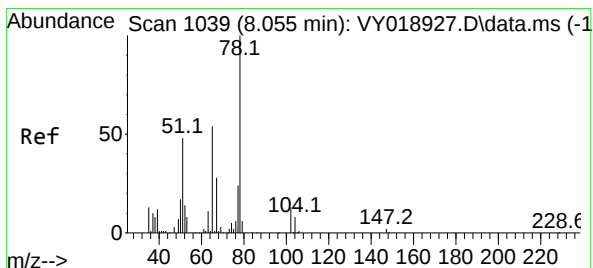
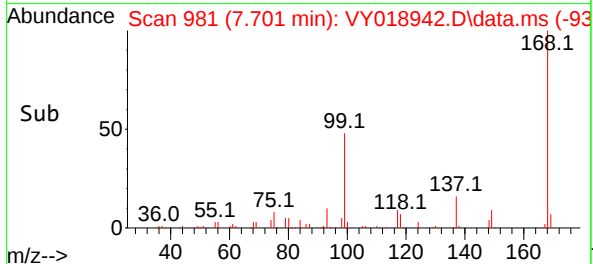
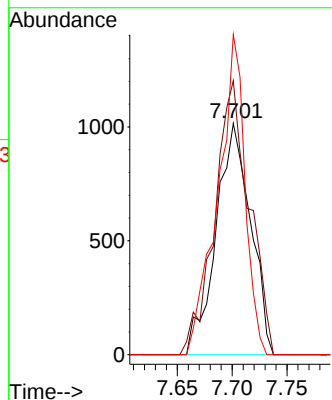
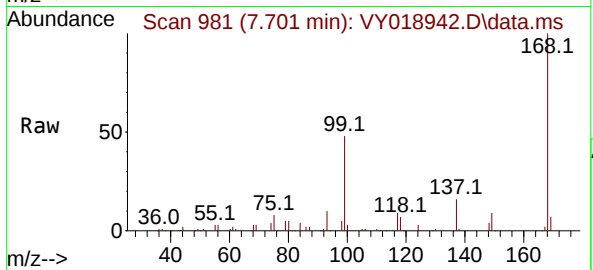




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

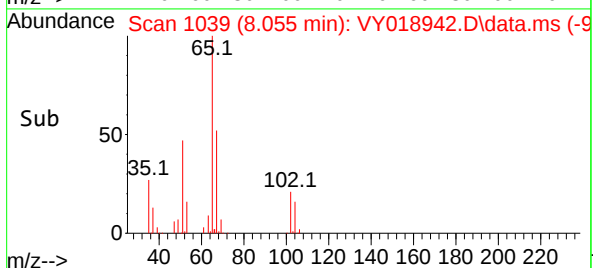
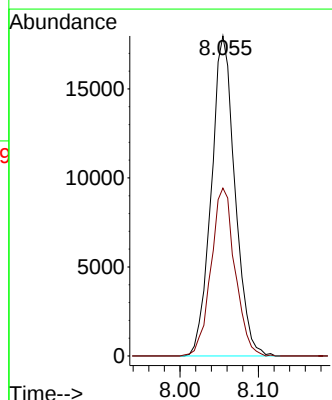
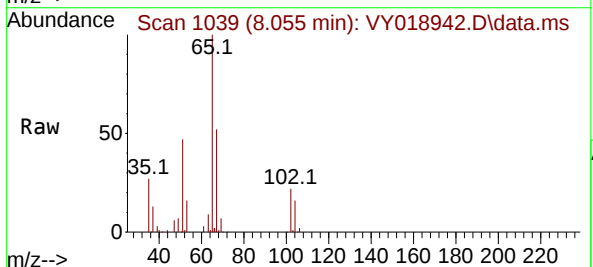
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-12-080624

Tgt Ion: 56 Resp: 2229
Ion Ratio Lower Upper
56 100
69 118.4 28.7 43.1#
84 138.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 50.111 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

Tgt Ion: 65 Resp: 37718
Ion Ratio Lower Upper
65 100
67 53.2 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: VY018942.D

Acq: 08 Aug 2024 21:40

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-12-080624

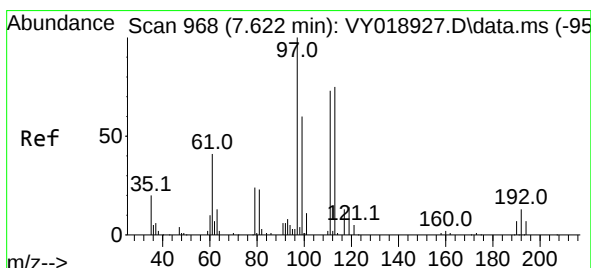
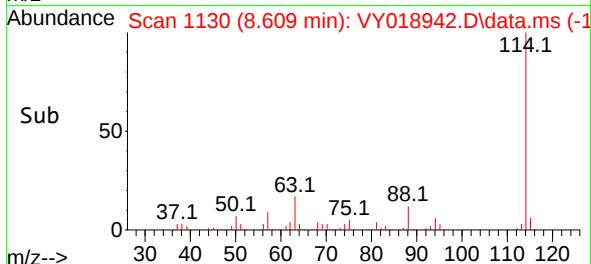
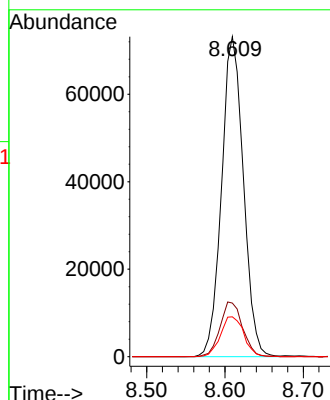
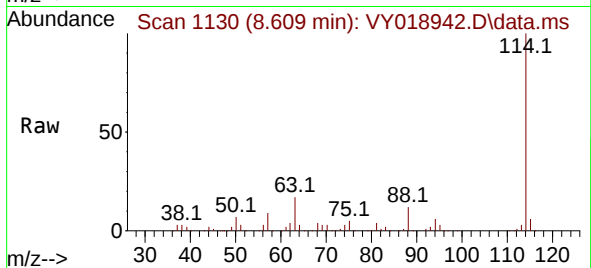
Tgt Ion:114 Resp: 141646

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 12.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.747 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018942.D

Acq: 08 Aug 2024 21:40

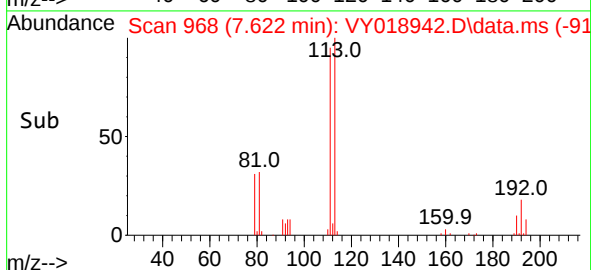
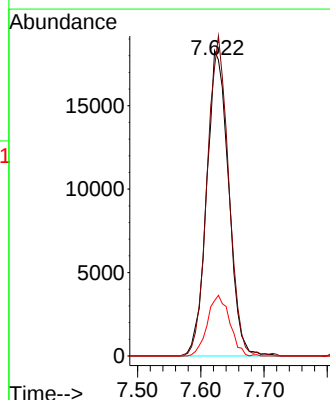
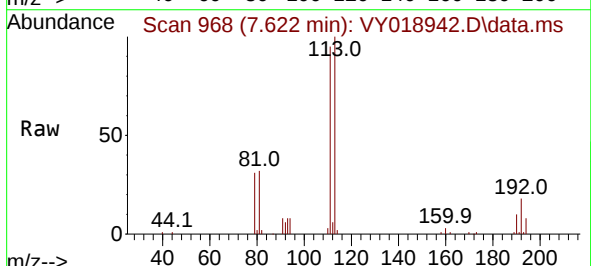
Tgt Ion:113 Resp: 44100

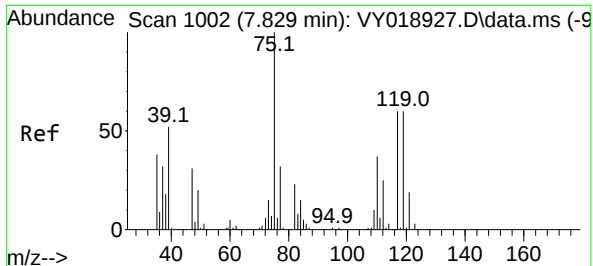
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 20.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.299 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY018942.D

Acq: 08 Aug 2024 21:40

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-12-080624

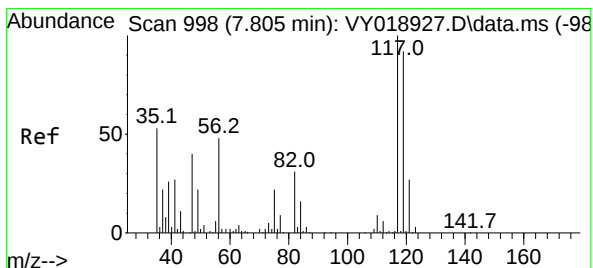
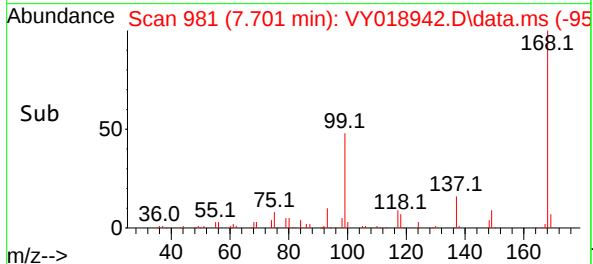
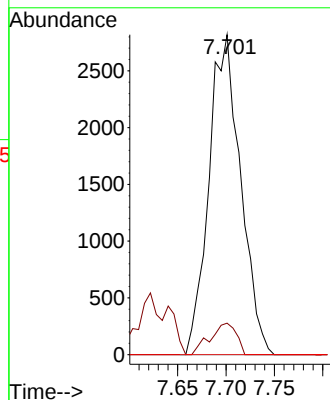
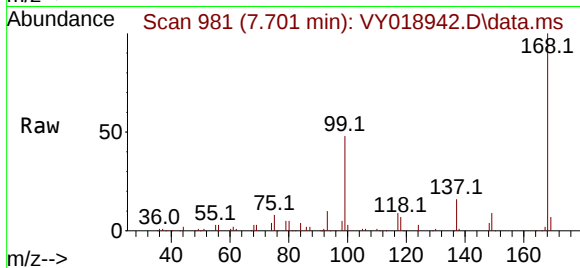
Tgt Ion: 75 Resp: 6435

Ion Ratio Lower Upper

75 100

110 8.1 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: VY018942.D

Acq: 08 Aug 2024 21:40

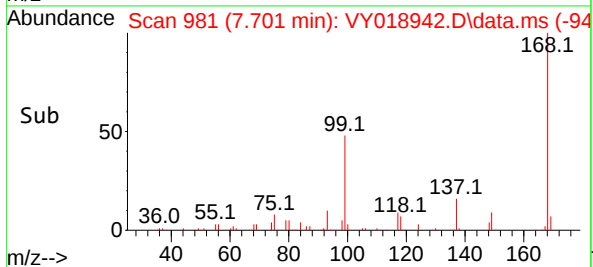
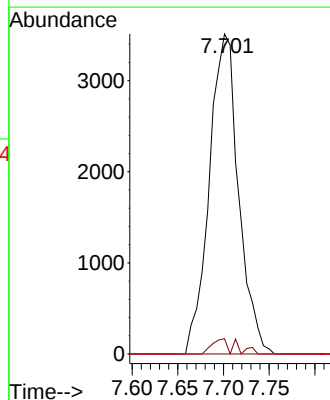
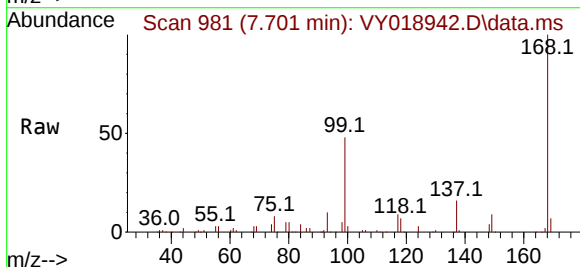
Tgt Ion: 117 Resp: 7841

Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 24.0 36.0#

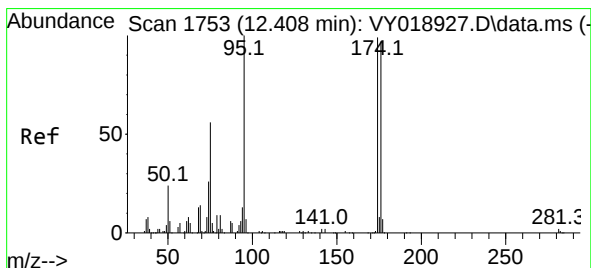
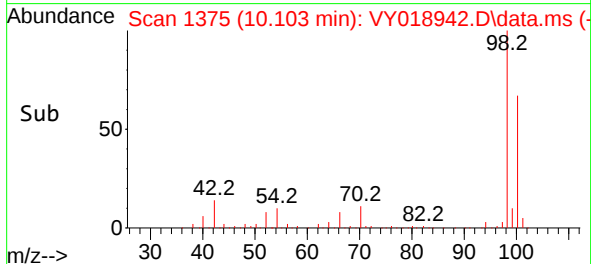
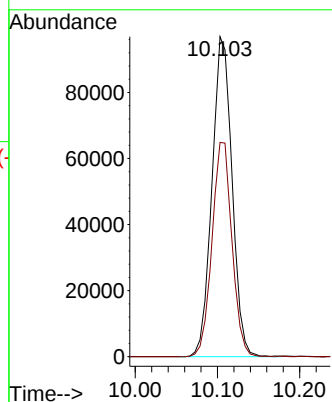
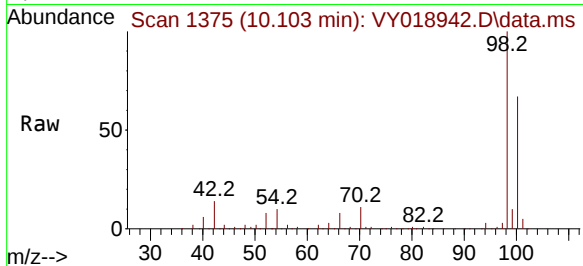




#50
Toluene-d8
Concen: 47.178 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

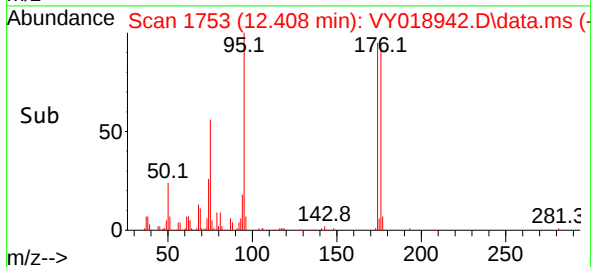
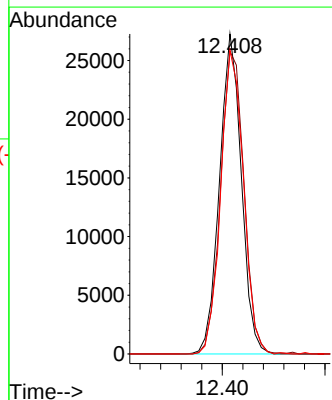
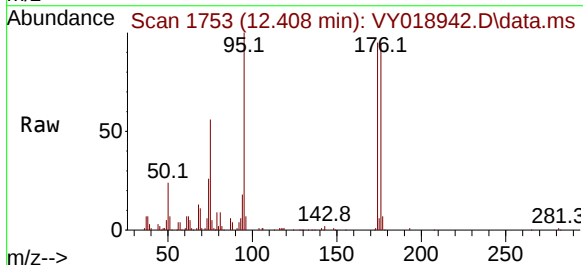
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OU4-CF-12-080624

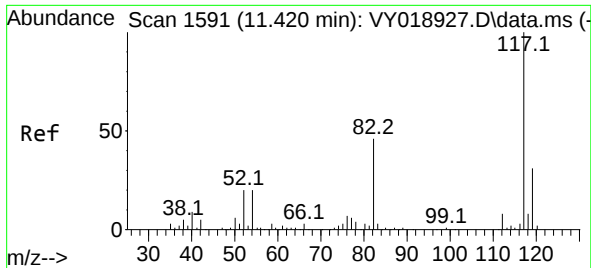
Tgt Ion: 98 Resp: 163939
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.908 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

Tgt Ion: 95 Resp: 40111
Ion Ratio Lower Upper
95 100
174 101.7 0.0 175.6
176 98.6 0.0 171.4

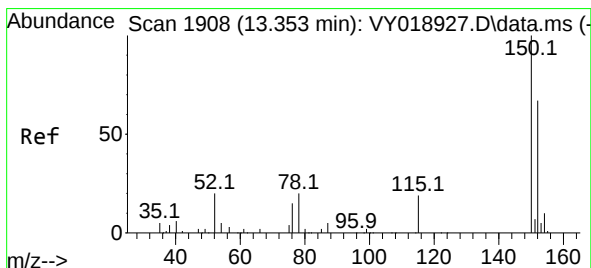
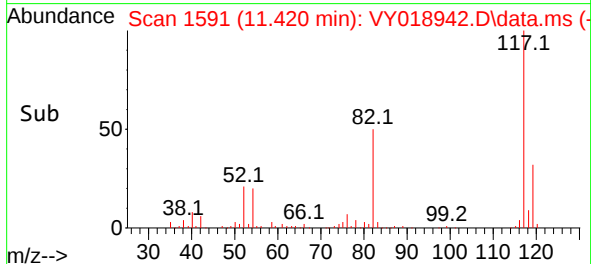
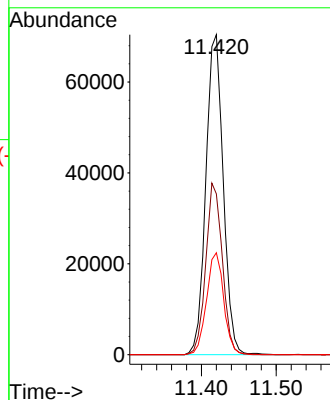
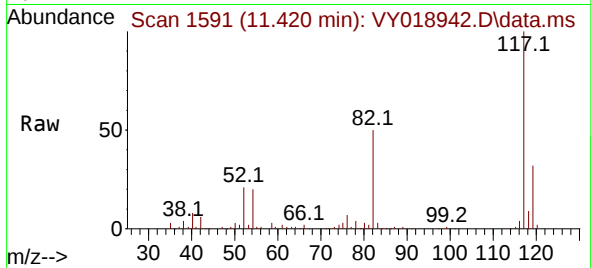




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

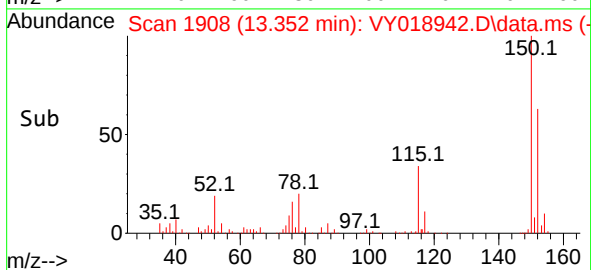
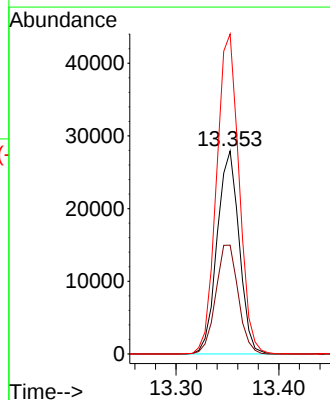
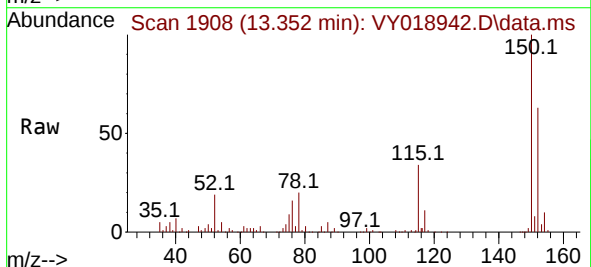
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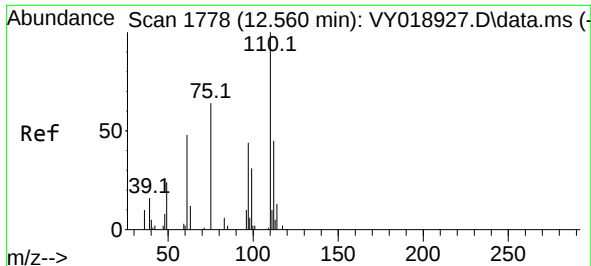
Tgt Ion:117 Resp: 113646
Ion Ratio Lower Upper
117 100
82 50.2 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

Tgt Ion:152 Resp: 41517
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 160.7 0.0 345.6

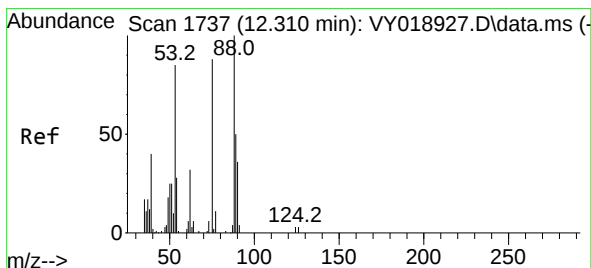
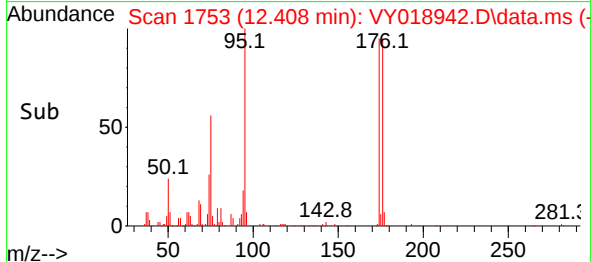
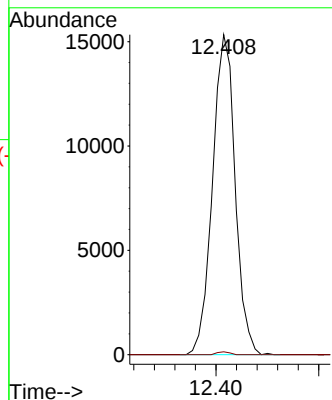
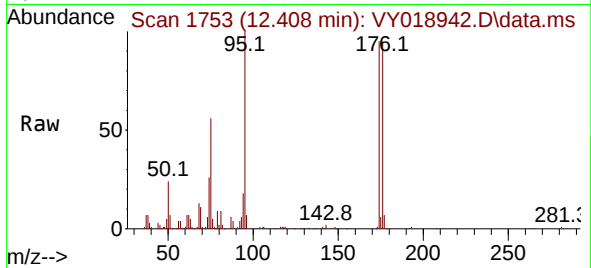




#76
1,2,3-Trichloropropane
Concen: 75.708 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-12-080624

Tgt Ion: 75 Resp: 23416
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 156.002 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY018942.D
Acq: 08 Aug 2024 21:40

Tgt Ion: 75 Resp: 23416
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

