

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018945.D
 Acq On : 08 Aug 2024 22:52
 Operator : SY/MD
 Sample : P3520-15
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-01-080624

Quant Time: Aug 09 05:13:17 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)

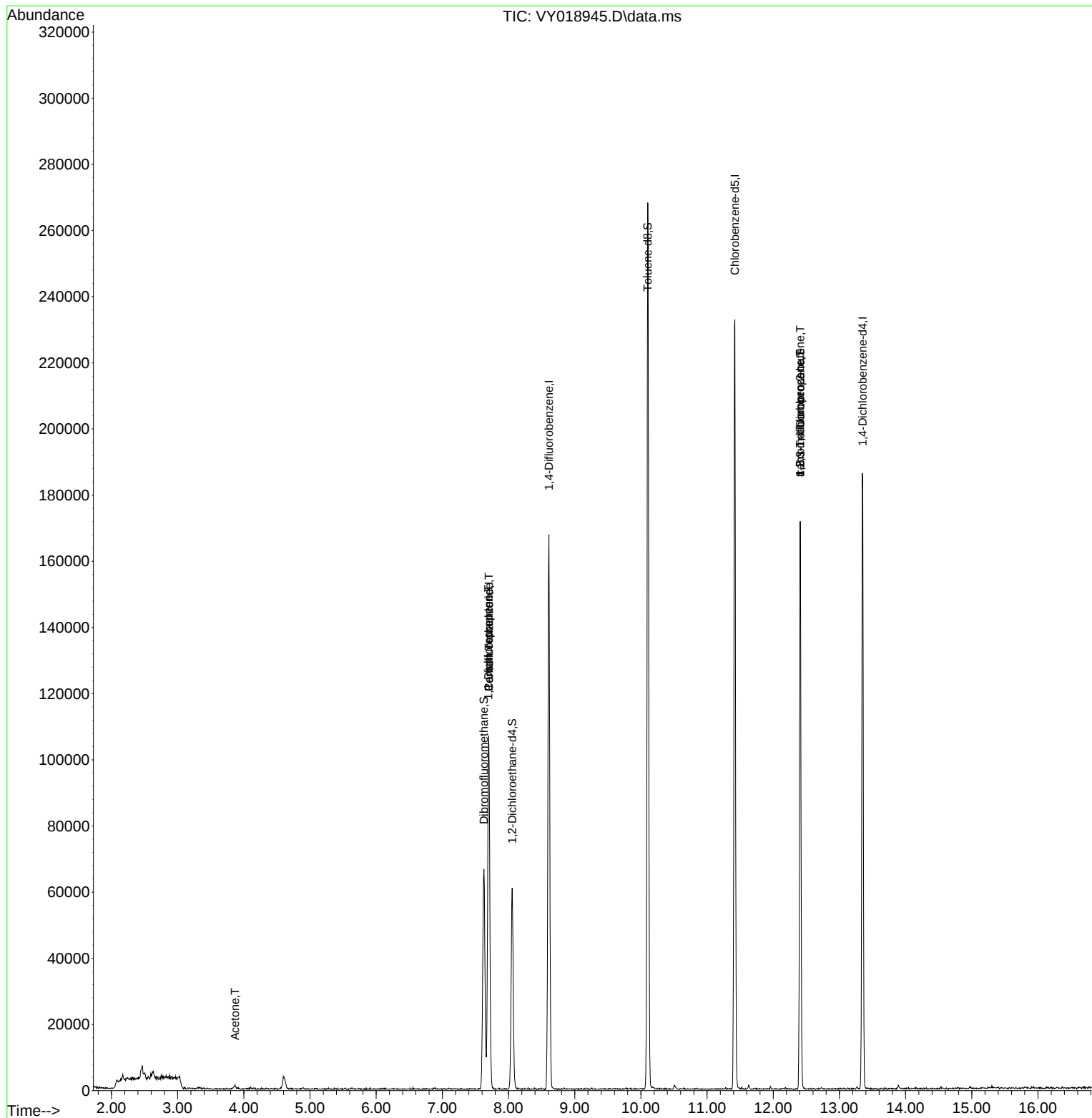
Internal Standards						
1) Pentafluorobenzene	7.701	168	87915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	143578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	119714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	44481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	38384	49.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.460%
35) Dibromofluoromethane	7.628	113	42934	46.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.640%
50) Toluene-d8	10.103	98	165414	46.962	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.408	95	41954	40.148	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	89	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	90	Below Cal	#	88
13) Acrolein	3.562	56	27	Below Cal	#	15
16) Acetone	3.867	43	1646	20.366	ug/l #	85
20) Methylene Chloride	4.598	84	2504	Below Cal	#	90
31) Cyclohexane	7.695	56	2268	Below Cal	#	54
36) 1,1-Dichloropropene	7.695	75	6394	5.194	ug/l #	50
38) Carbon Tetrachloride	7.701	117	8206	5.814	ug/l #	20
41) Methacrylonitrile	7.195	41	49	Below Cal	#	15
76) 1,2,3-Trichloropropane	12.408	75	23980	72.365	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	23980	149.114	ug/l #	16

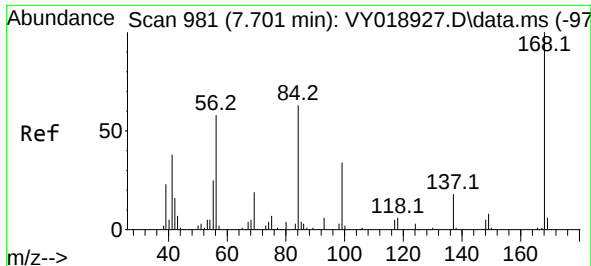
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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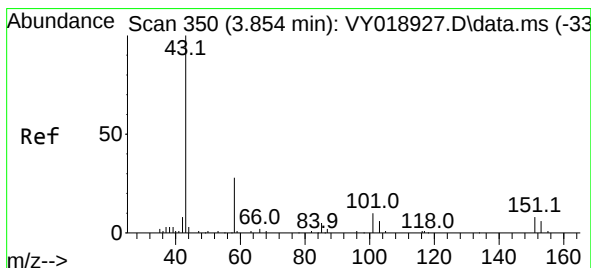
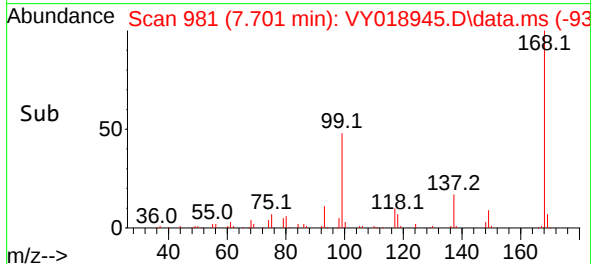
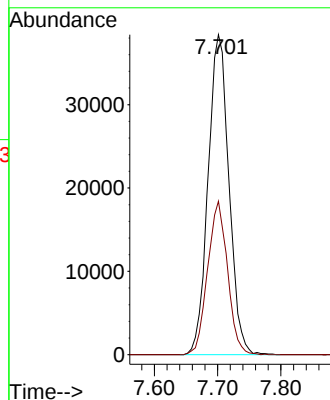
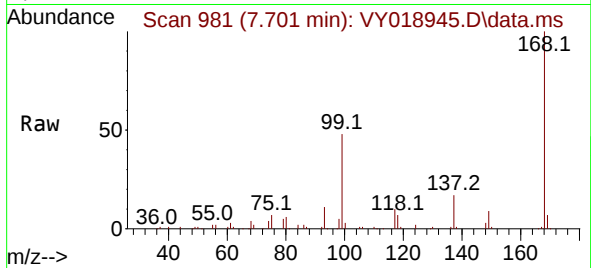




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018945.D
Acq: 08 Aug 2024 22:52

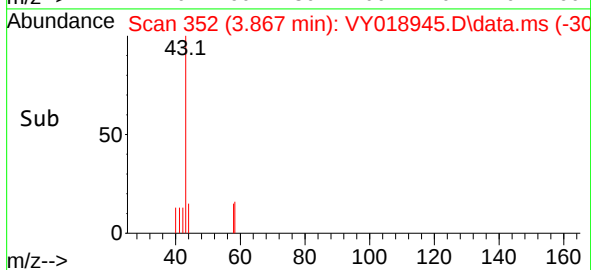
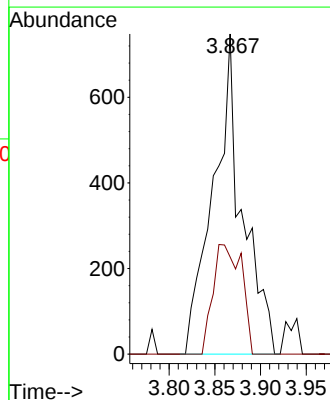
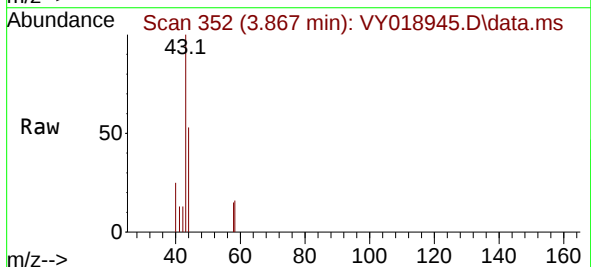
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-01-080624

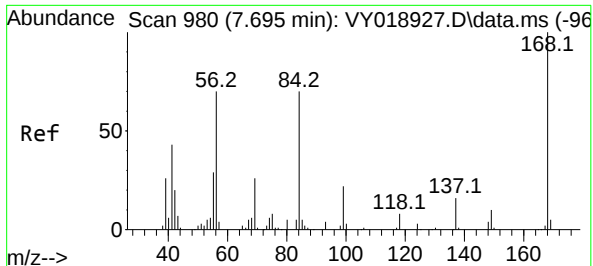
Tgt Ion:168 Resp: 87915
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#16
Acetone
Concen: 20.366 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY018945.D
Acq: 08 Aug 2024 22:52

Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
58 30.3 31.7 47.5#

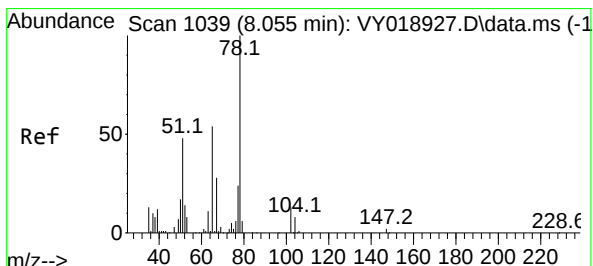
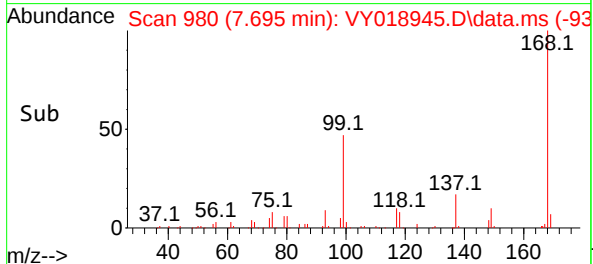
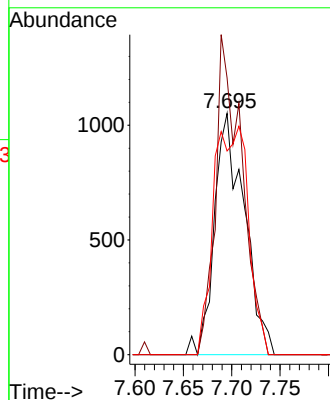
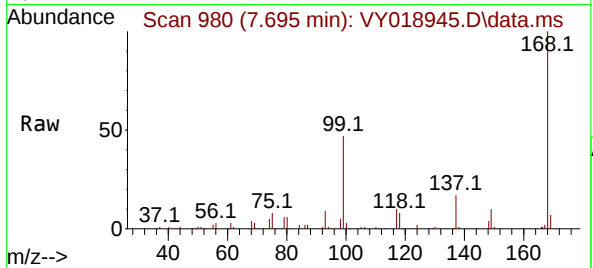




#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018945.D
Acq: 08 Aug 2024 22:52

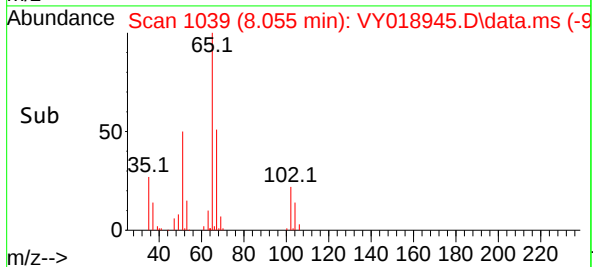
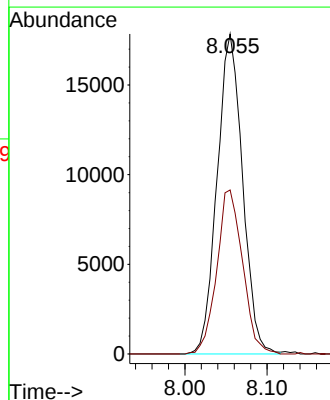
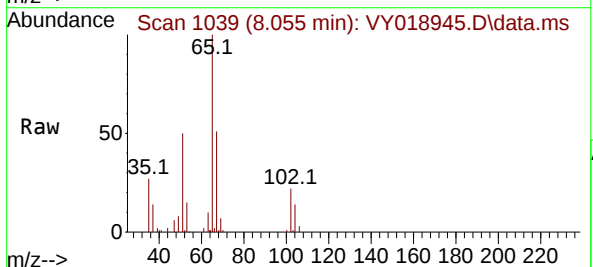
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MSVOA_Y
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OU4-VSL-01-080624

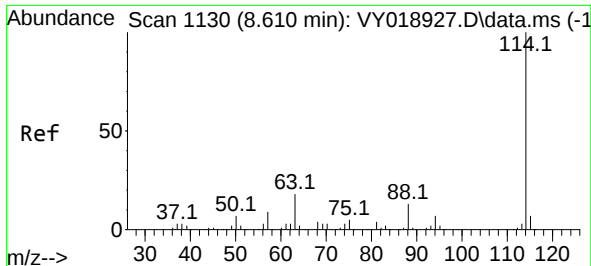
Tgt Ion: 56 Resp: 2268
Ion Ratio Lower Upper
56 100
69 114.7 28.7 43.1#
84 84.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 49.727 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018945.D
Acq: 08 Aug 2024 22:52

Tgt Ion: 65 Resp: 38384
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018945.D

Acq: 08 Aug 2024 22:52

Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-01-080624

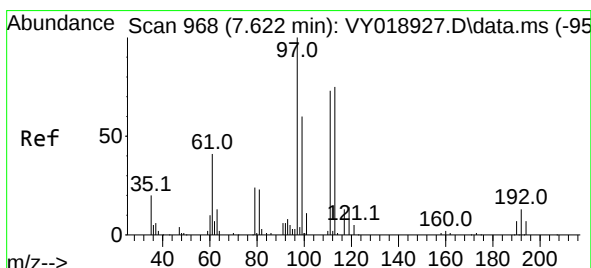
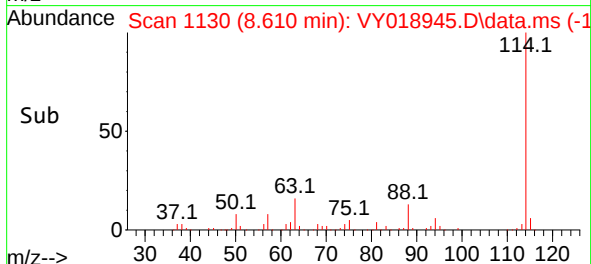
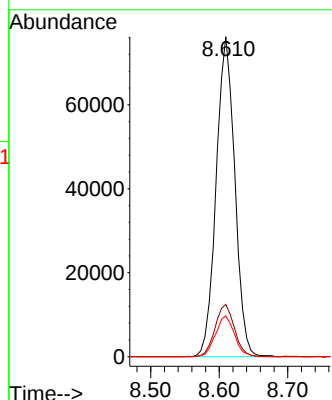
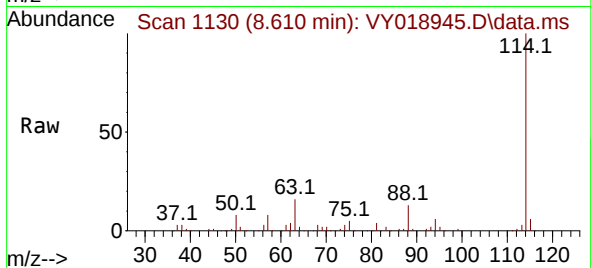
Tgt Ion:114 Resp: 143578

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 12.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.819 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY018945.D

Acq: 08 Aug 2024 22:52

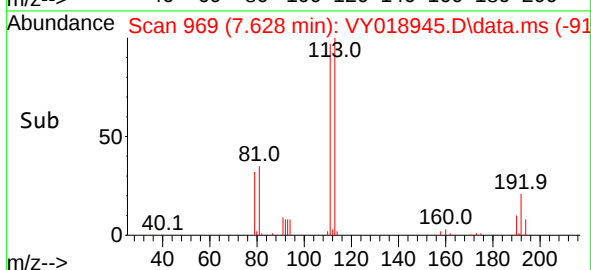
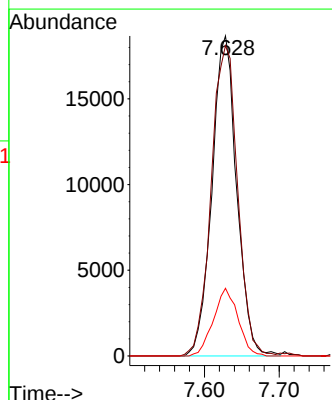
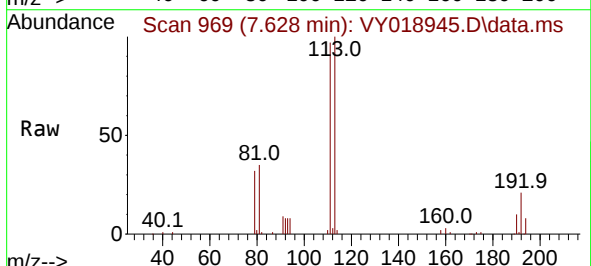
Tgt Ion:113 Resp: 42934

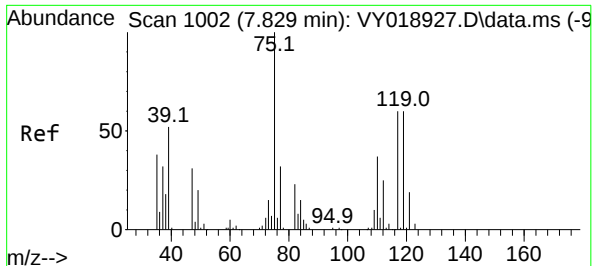
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 21.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.194 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018945.D

Acq: 08 Aug 2024 22:52

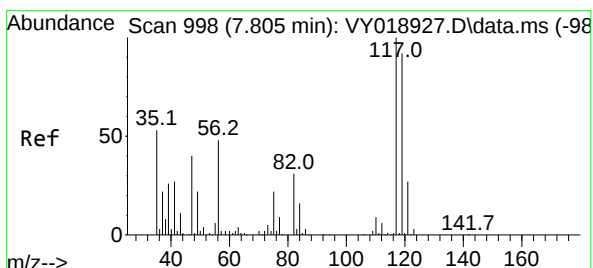
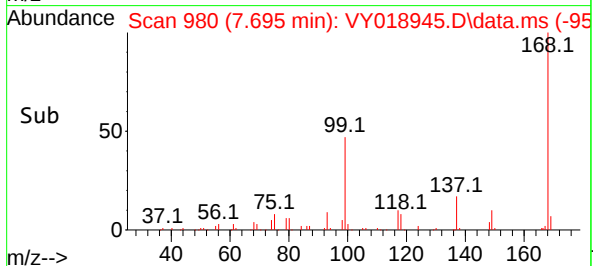
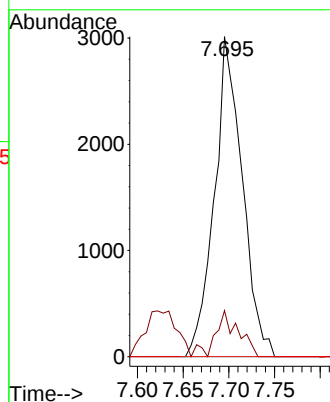
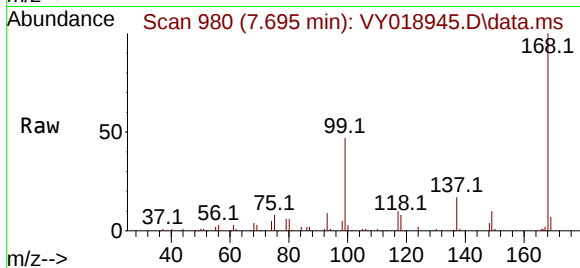
Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-01-080624

Tgt Ion: 75	Resp: 6394
Ion Ratio	Lower Upper
75 100	
110 10.9	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.814 ug/l

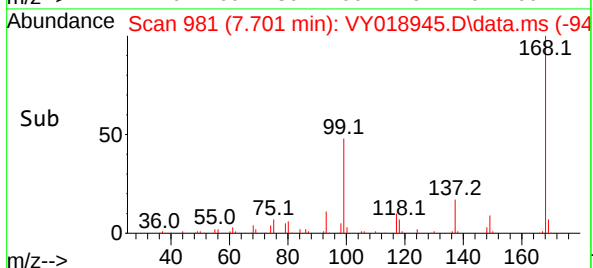
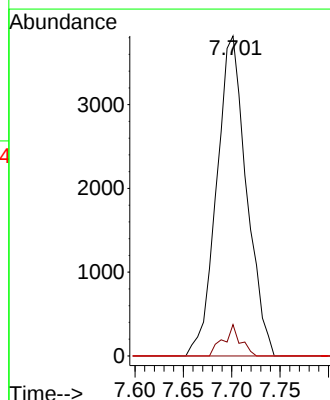
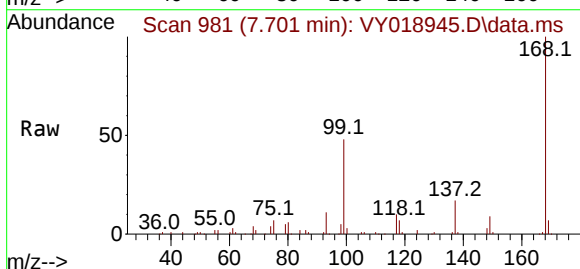
RT: 7.701 min Scan# 981

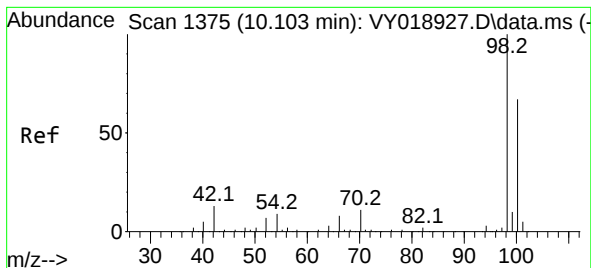
Delta R.T. -0.103 min

Lab File: VY018945.D

Acq: 08 Aug 2024 22:52

Tgt Ion: 117	Resp: 8206
Ion Ratio	Lower Upper
117 100	
119 9.8	75.8 113.6#
121 0.0	24.0 36.0#





#50

Toluene-d8

Concen: 46.962 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018945.D

Acq: 08 Aug 2024 22:52

Instrument :

MSVOA_Y

ClientSampleId :

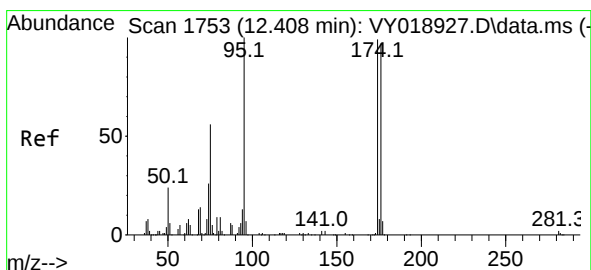
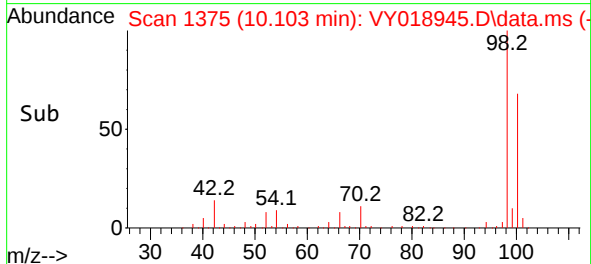
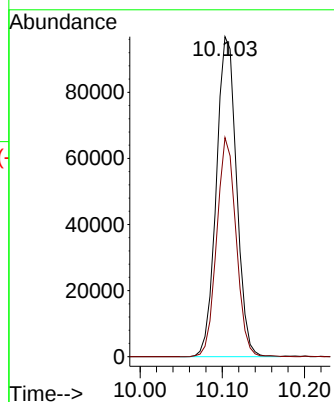
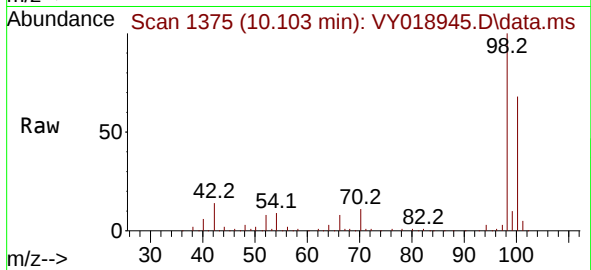
OU4-VSL-01-080624

Tgt Ion: 98 Resp: 165414

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.148 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY018945.D

Acq: 08 Aug 2024 22:52

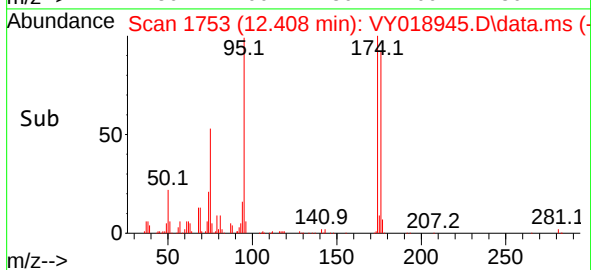
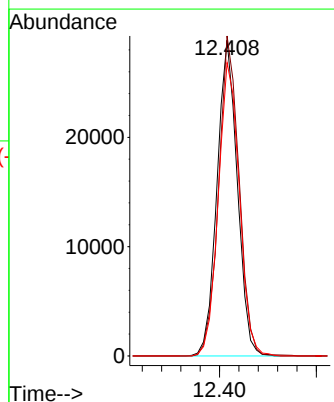
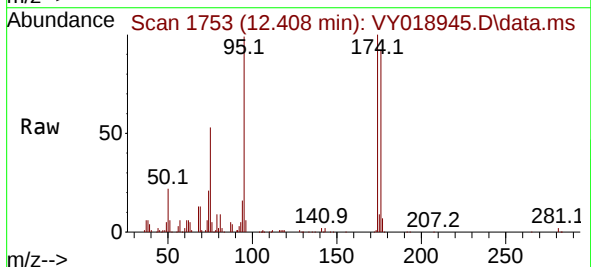
Tgt Ion: 95 Resp: 41954

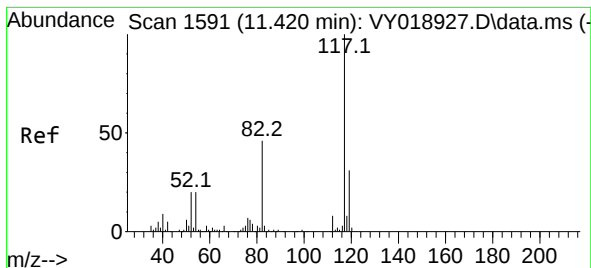
Ion Ratio Lower Upper

95 100

174 101.8 0.0 175.6

176 96.4 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: VY018945.D

Acq: 08 Aug 2024 22:52

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ClientSampleId :

OU4-VSL-01-080624

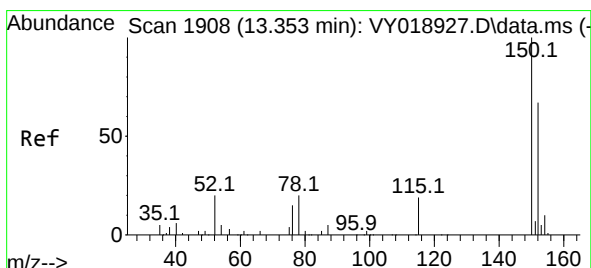
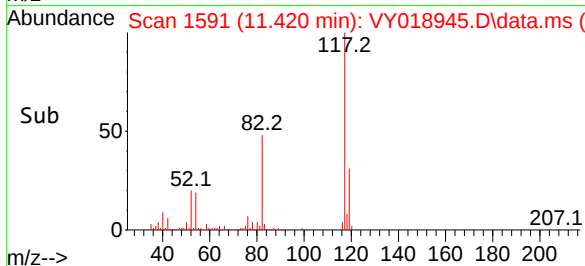
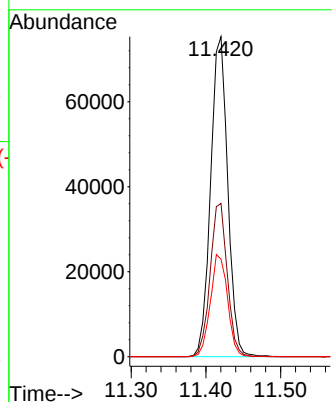
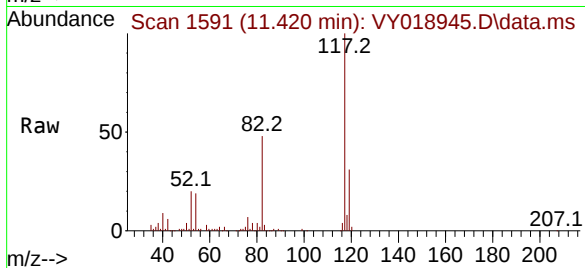
Tgt Ion:117 Resp: 119714

Ion Ratio Lower Upper

117 100

82 47.9 42.4 63.6

119 30.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY018945.D

Acq: 08 Aug 2024 22:52

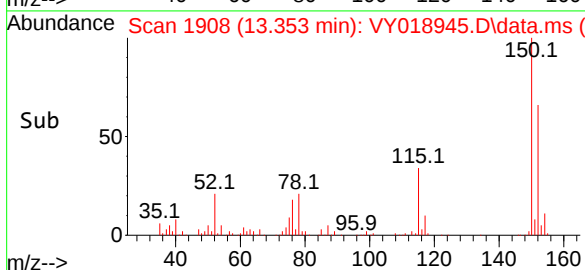
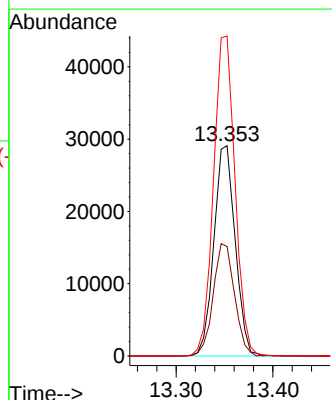
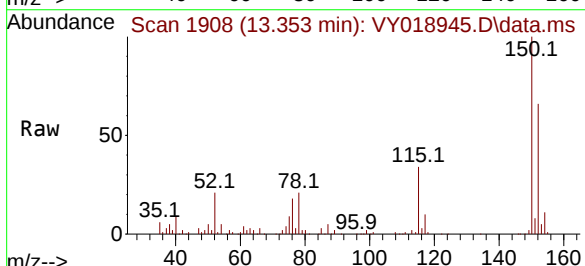
Tgt Ion:152 Resp: 44481

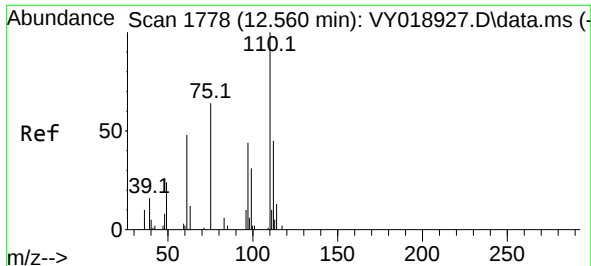
Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 153.5 0.0 345.6

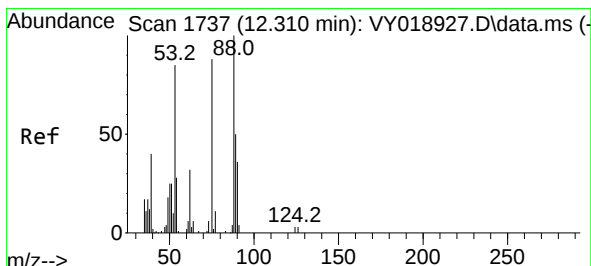
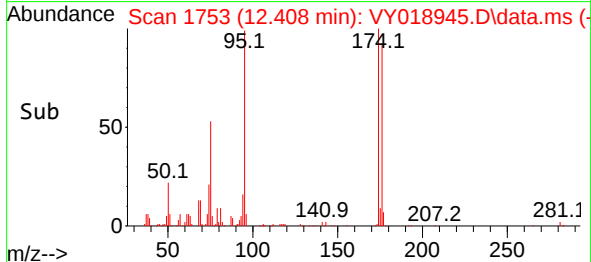
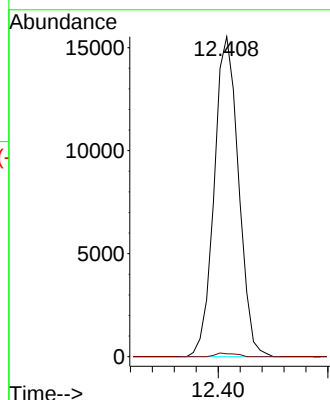
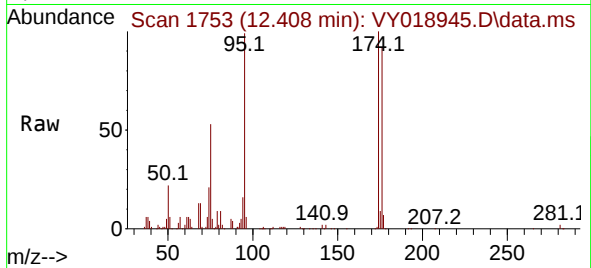




#76
1,2,3-Trichloropropane
Concen: 72.365 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY018945.D
Acq: 08 Aug 2024 22:52

Instrument :
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Tgt Ion: 75 Resp: 23980
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 149.114 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY018945.D
Acq: 08 Aug 2024 22:52

Tgt Ion: 75 Resp: 23980
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

