

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042946.D
 Acq On : 08 Aug 2024 11:55
 Operator : JC/MD
 Sample : P3505-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(JUNE)

Quant Time: Aug 08 14:51:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

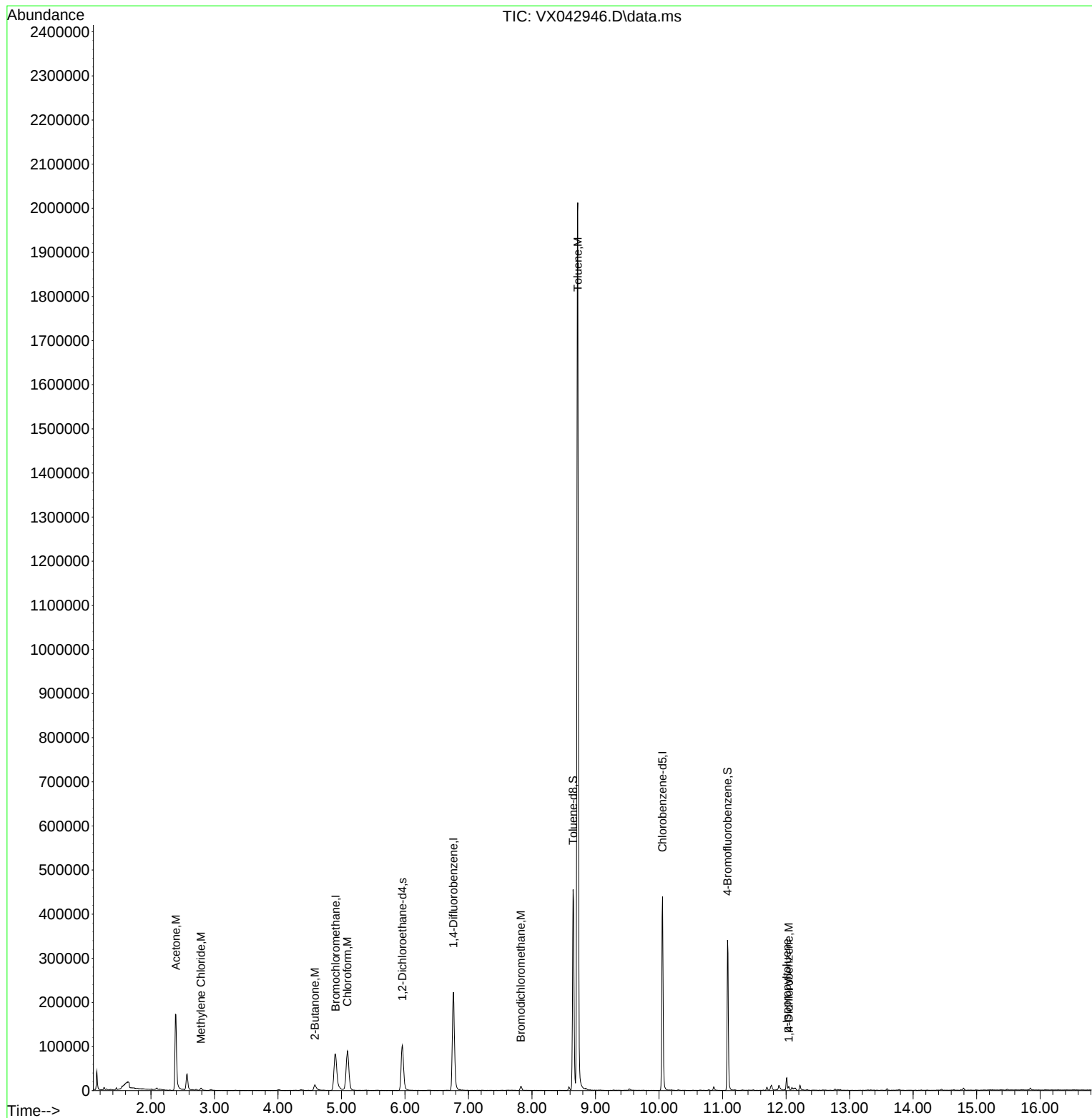
Internal Standards						
1) Bromochloromethane	4.910	128	40498	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	230210	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	206583	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	104984	28.073	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.567%
60) 4-Bromofluorobenzene	11.079	95	93779	27.825	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.767%
63) Toluene-d8	8.647	98	280805	30.092	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.300%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	63436	121.500	ug/l	94
18) Methylene Chloride	2.788	84	2756	0.981	ug/l #	79
25) Chloroform	5.093	83	111292	21.114	ug/l	96
30) 2-Butanone	4.580	43	22118	10.124	ug/l	96
41) Bromodichloromethane	7.824	83	6229	1.718	ug/l	96
62) Toluene	8.720	91	1367515	135.154	ug/l	100
82) p-Isopropyltoluene	12.012	119	12617	1.281	ug/l	94
84) 1,4-Dichlorobenzene	12.043	146	1481	0.286	ug/l	92

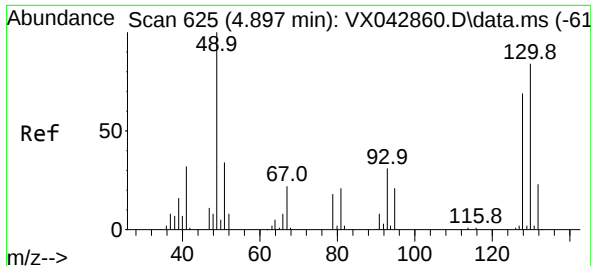
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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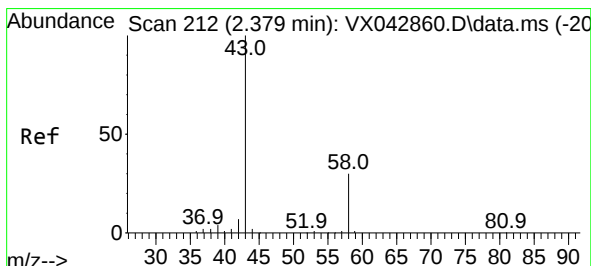
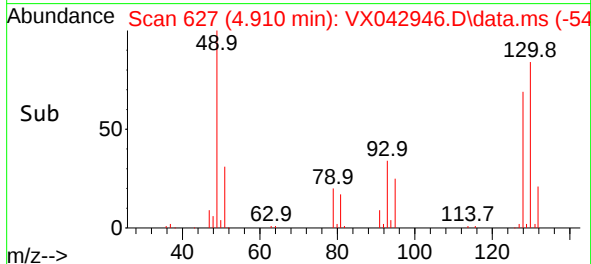
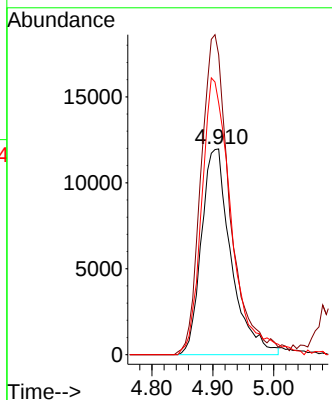
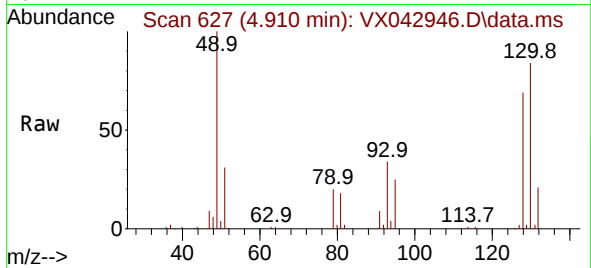




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX042946.D
Acq: 08 Aug 2024 11:55

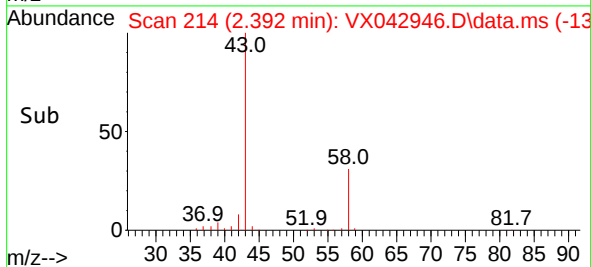
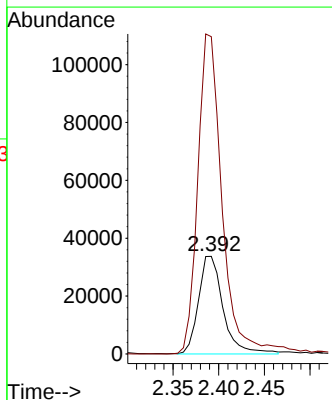
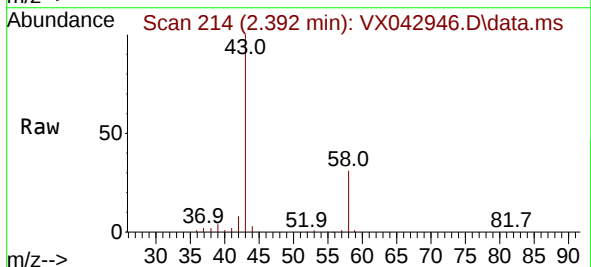
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)

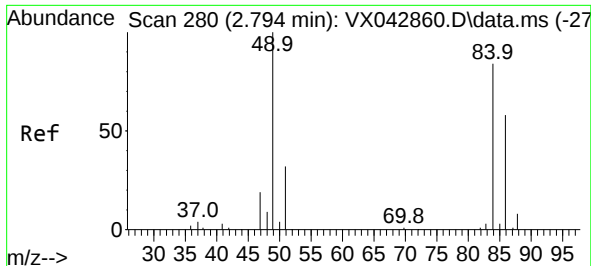
Tgt Ion	Ratio	Lower	Upper
128	100		
49	149.6	0.0	400.5
130	130.6	0.0	333.0



#15
Acetone
Concen: 121.500 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.013 min
Lab File: VX042946.D
Acq: 08 Aug 2024 11:55

Tgt Ion	Ratio	Lower	Upper
58	100		
43	324.7	269.9	404.9

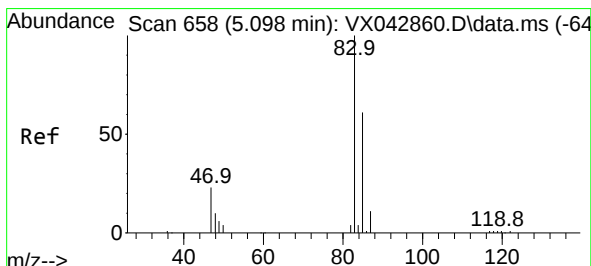
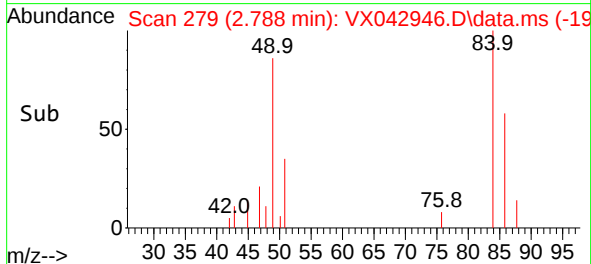
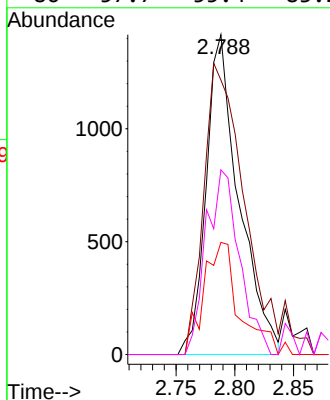
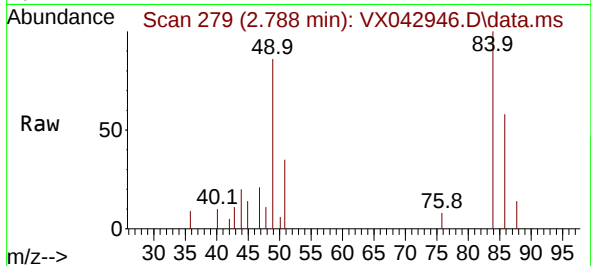




#18
Methylene Chloride
Concen: 0.981 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042946.D
Acq: 08 Aug 2024 11:55

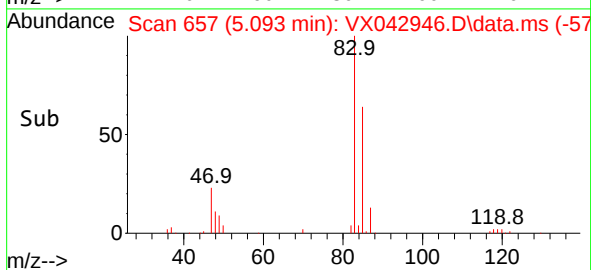
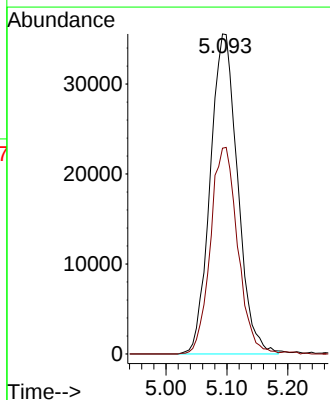
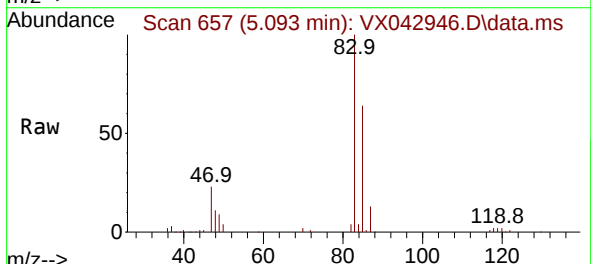
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)

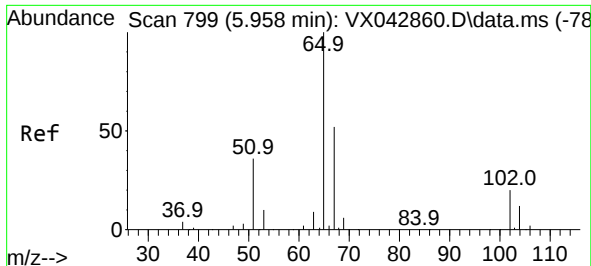
Tgt Ion: 84	Resp: 2756
Ion Ratio	Lower Upper
84 100	
49 85.8	95.0 142.6#
51 35.1	30.1 45.1
86 57.7	55.4 83.2



#25
Chloroform
Concen: 21.114 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX042946.D
Acq: 08 Aug 2024 11:55

Tgt Ion: 83	Resp: 111292
Ion Ratio	Lower Upper
83 100	
85 64.3	49.2 73.8





#27

1,2-Dichloroethane-d4

Concen: 28.073 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042946.D

Acq: 08 Aug 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

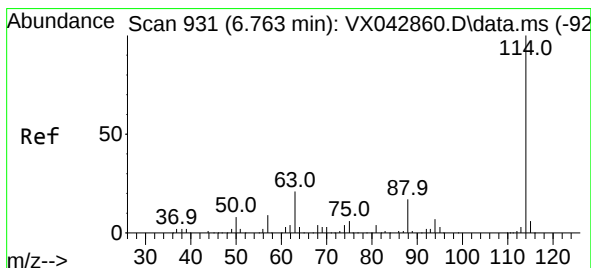
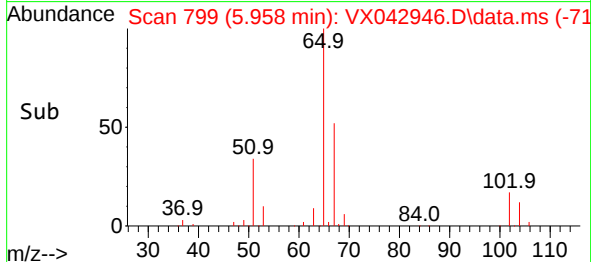
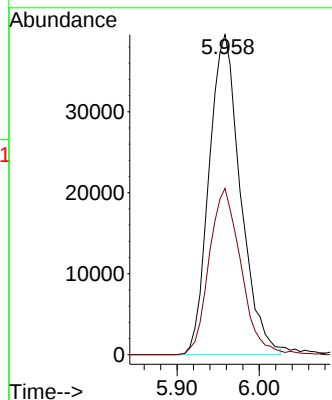
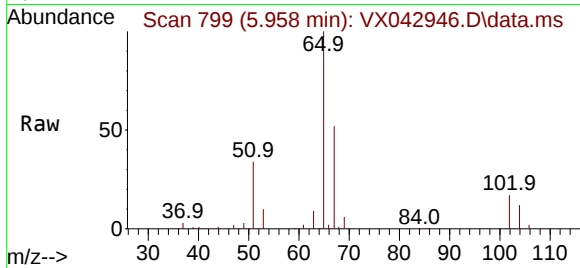
002-35TH-AVE(JUNE)

Tgt Ion: 65 Resp: 104984

Ion Ratio Lower Upper

65 100

67 52.3 40.6 60.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042946.D

Acq: 08 Aug 2024 11:55

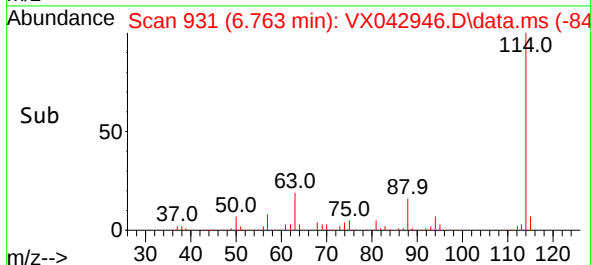
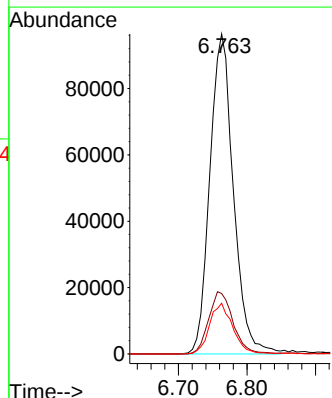
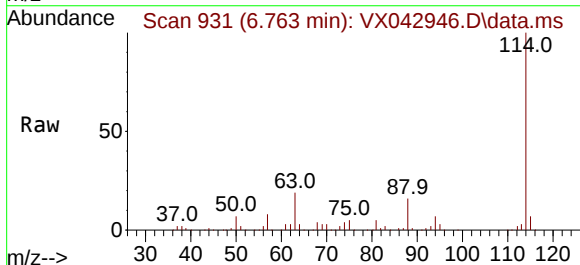
Tgt Ion: 114 Resp: 230210

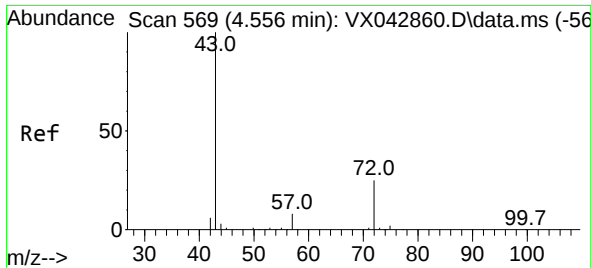
Ion Ratio Lower Upper

114 100

63 20.1 16.0 24.0

88 15.6 12.5 18.7

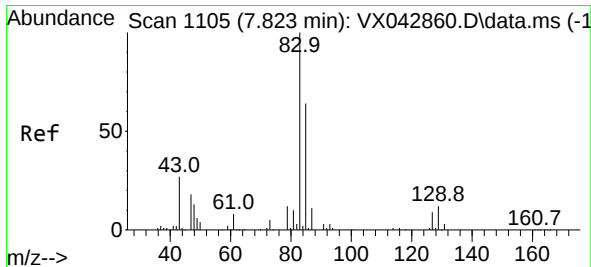
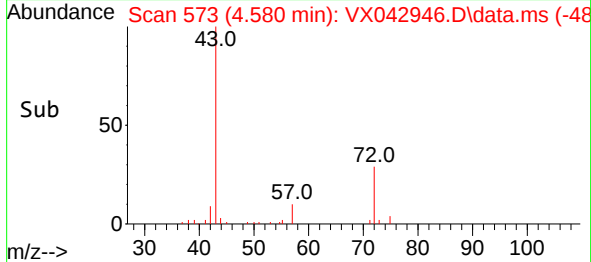
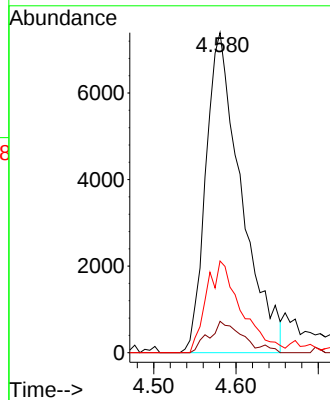
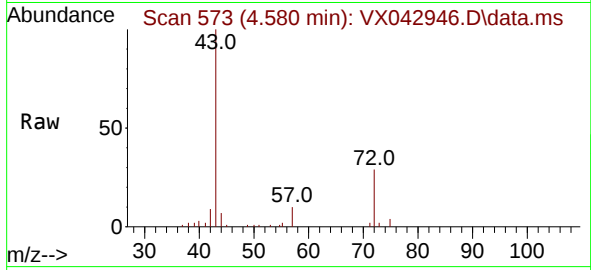




#30
2-Butanone
Concen: 10.124 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX042946.D
Acq: 08 Aug 2024 11:55

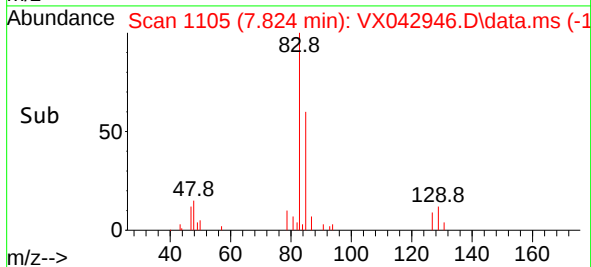
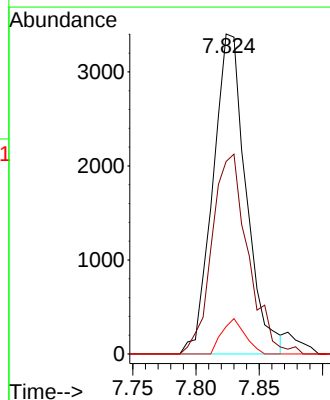
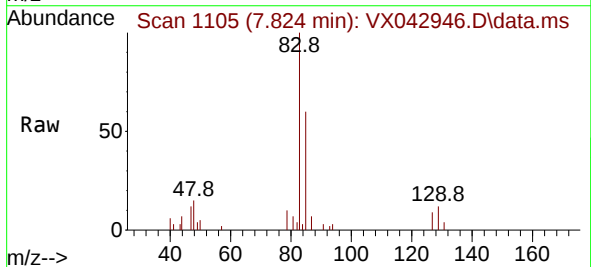
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ClientSampleId :
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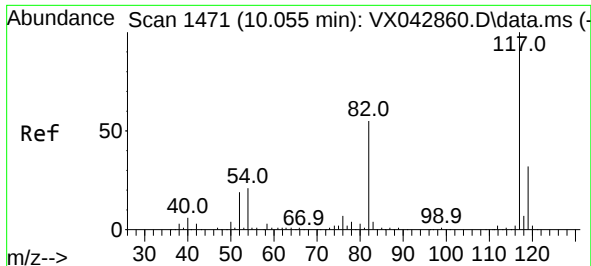
Tgt Ion: 43 Resp: 22118
Ion Ratio Lower Upper
43 100
57 6.8 6.6 10.0
72 28.4 21.0 31.4



#41
Bromodichloromethane
Concen: 1.718 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042946.D
Acq: 08 Aug 2024 11:55

Tgt Ion: 83 Resp: 6229
Ion Ratio Lower Upper
83 100
85 60.2 50.8 76.2
127 8.5 6.9 10.3





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042946.D

Acq: 08 Aug 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JUNE)

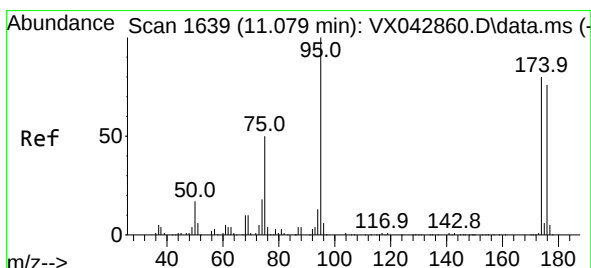
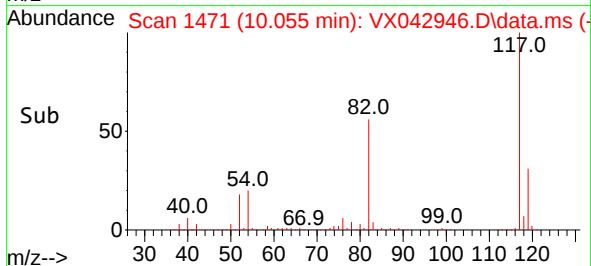
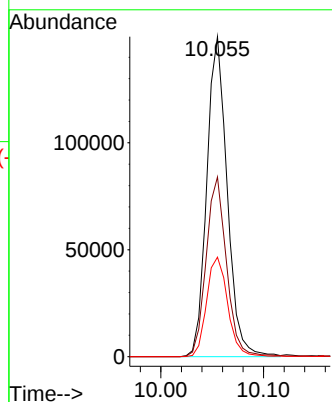
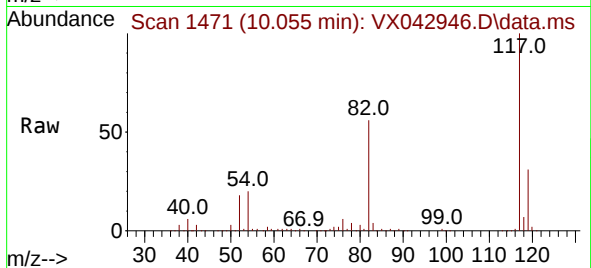
Tgt Ion:117 Resp: 206583

Ion Ratio Lower Upper

117 100

82 56.3 44.9 67.3

119 32.0 25.4 38.2



#60

4-Bromofluorobenzene

Concen: 27.825 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042946.D

Acq: 08 Aug 2024 11:55

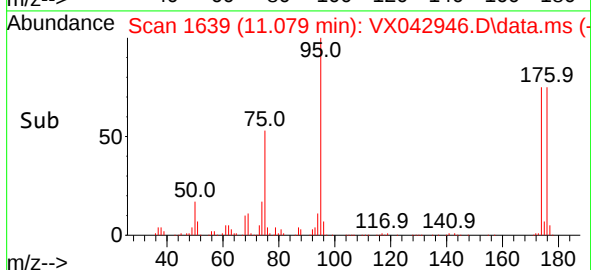
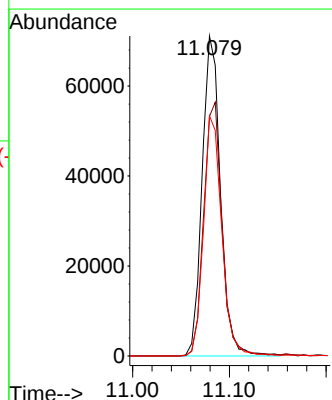
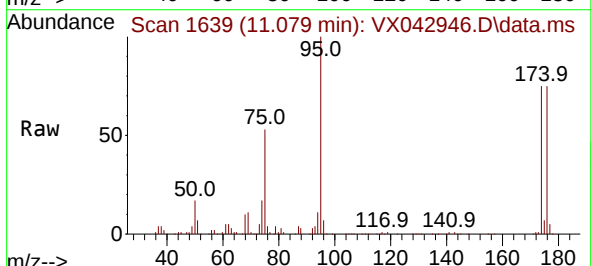
Tgt Ion: 95 Resp: 93779

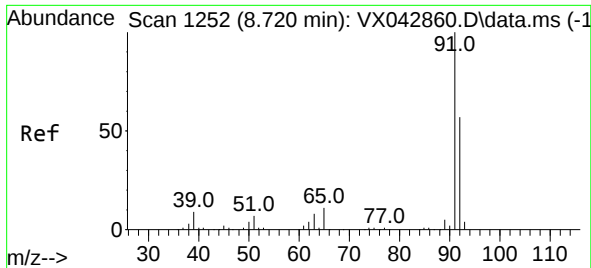
Ion Ratio Lower Upper

95 100

174 79.5 65.0 97.6

176 74.1 63.4 95.0

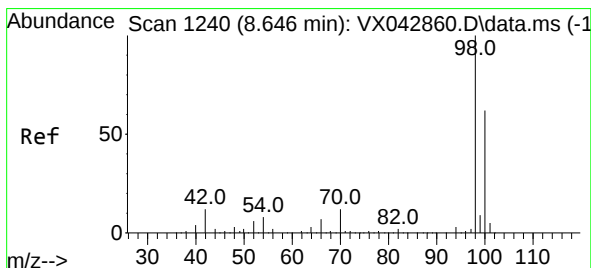
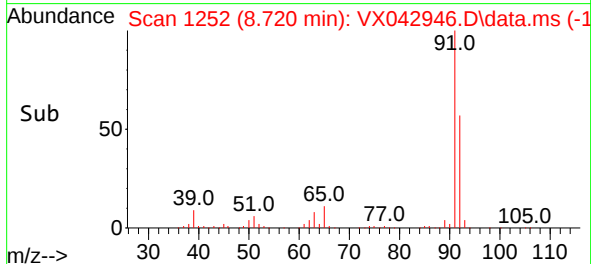
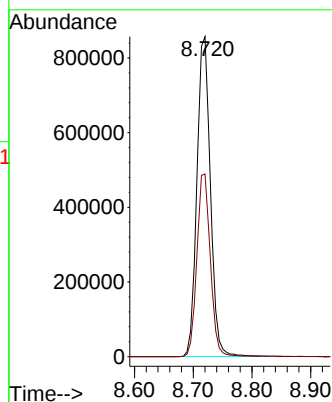
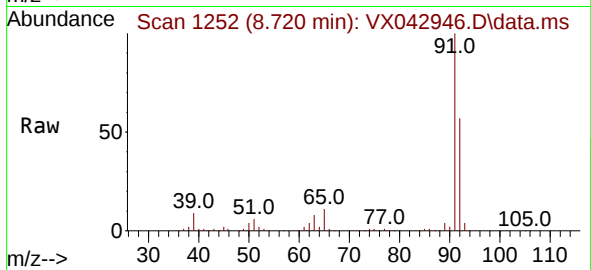




#62
Toluene
Concen: 135.154 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042946.D
Acq: 08 Aug 2024 11:55

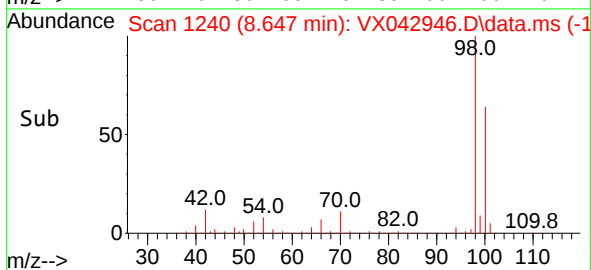
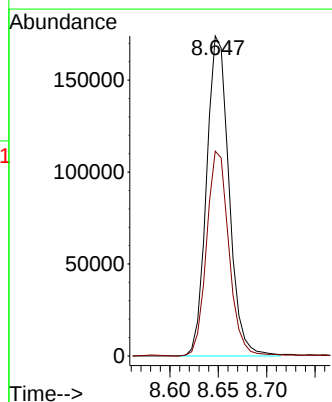
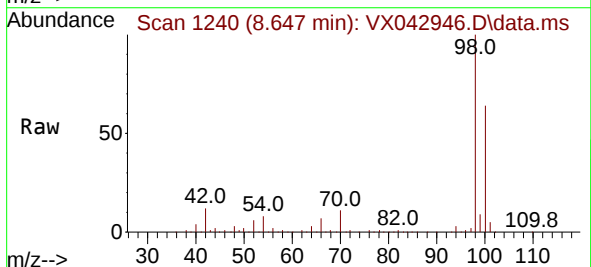
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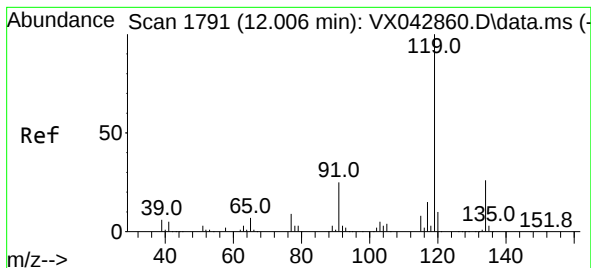
Tgt Ion: 91 Resp: 1367515
Ion Ratio Lower Upper
91 100
92 57.0 45.7 68.5



#63
Toluene-d8
Concen: 30.092 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042946.D
Acq: 08 Aug 2024 11:55

Tgt Ion: 98 Resp: 280805
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3





#82

p-Isopropyltoluene

Concen: 1.281 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.007 min

Lab File: VX042946.D

Acq: 08 Aug 2024 11:55

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JUNE)

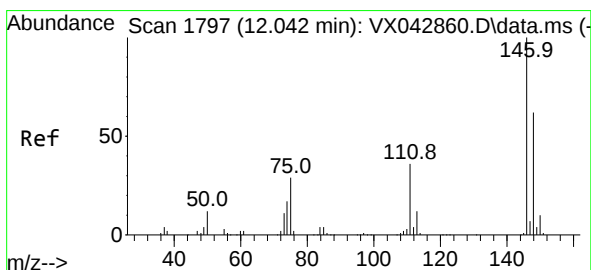
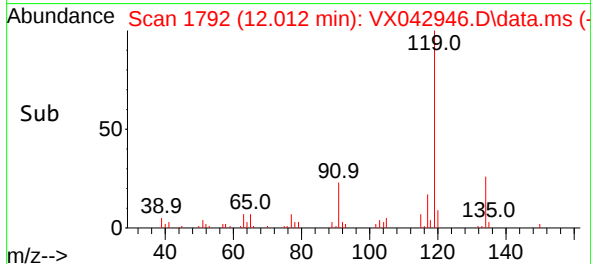
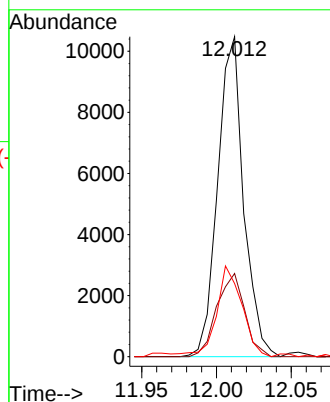
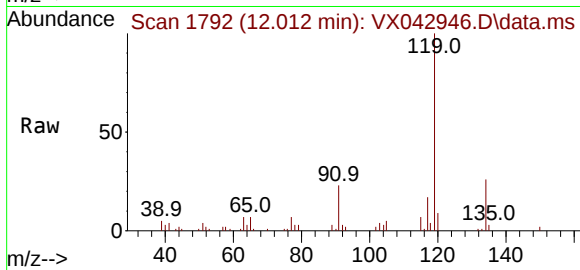
Tgt Ion:119 Resp: 12617

Ion Ratio Lower Upper

119 100

134 28.0 0.0 51.8

91 27.9 0.0 48.4



#84

1,4-Dichlorobenzene

Concen: 0.286 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042946.D

Acq: 08 Aug 2024 11:55

Tgt Ion:146 Resp: 1481

Ion Ratio Lower Upper

146 100

111 48.0 19.4 58.4

148 66.2 31.4 94.2

