

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034954.D
 Acq On : 06 Apr 2023 14:34
 Operator : JC/MD
 Sample : 02211-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 07 03:18:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

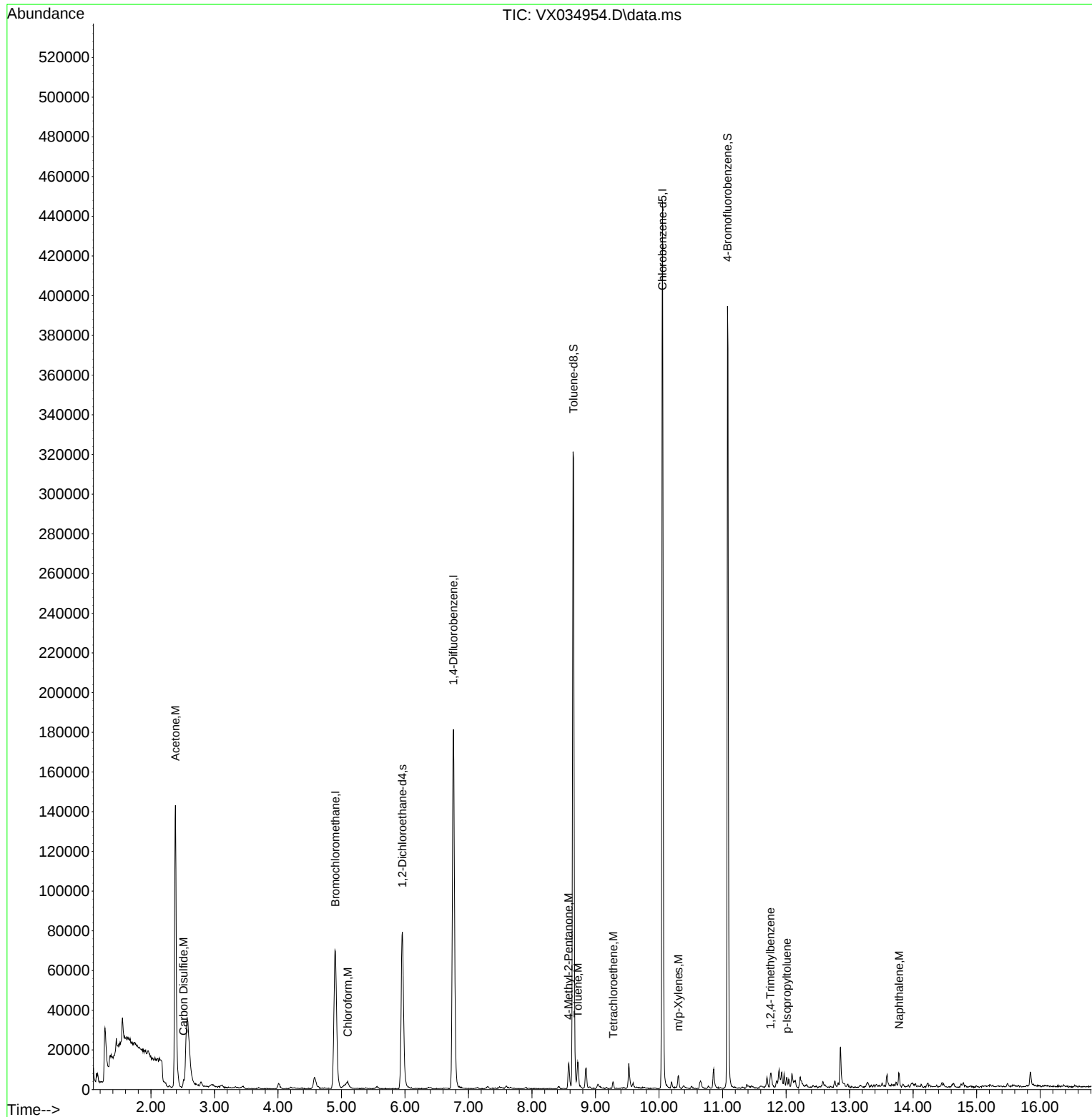
Internal Standards						
1) Bromochloromethane	4.903	128	28553	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	178350	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	190678	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	78401	28.577	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.267%
60) 4-Bromofluorobenzene	11.079	95	110762	29.071	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.900%
63) Toluene-d8	8.653	98	190483	29.396	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.000%
Target Compounds						
					Qvalue	
15) Acetone	2.385	58	46924	100.008	ug/l	97
16) Carbon Disulfide	2.513	76	4342	0.599	ug/l	99
25) Chloroform	5.098	83	2969	0.486	ug/l	92
58) 4-Methyl-2-Pentanone	8.573	43	9163	2.096	ug/l	98
61) Tetrachloroethene	9.280	164	666	0.259	ug/l #	63
62) Toluene	8.720	91	7872	0.631	ug/l	99
67) m/p-Xylenes	10.305	106	1610	0.305	ug/l	93
80) 1,2,4-Trimethylbenzene	11.756	105	2594	0.229	ug/l	92
82) p-Isopropyltoluene	12.012	119	2500	0.225	ug/l	97
91) Naphthalene	13.780	128	4252	0.334	ug/l	98

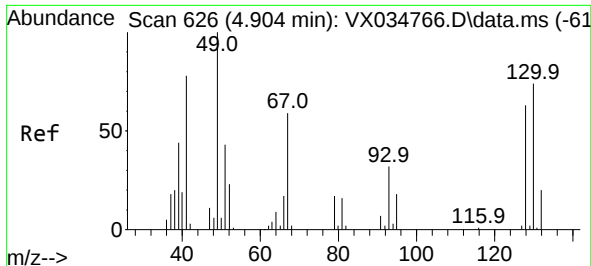
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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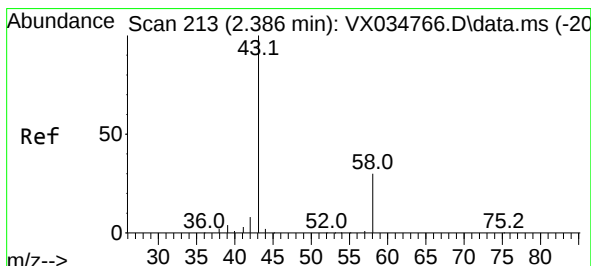
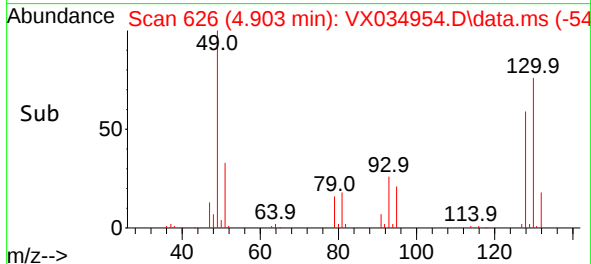
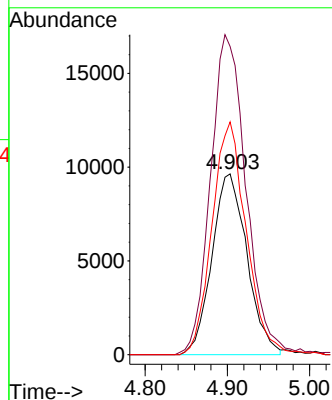
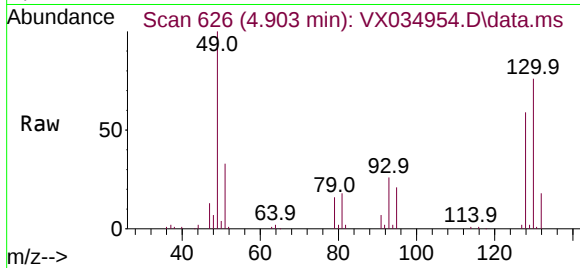




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX034954.D
Acq: 06 Apr 2023 14:34

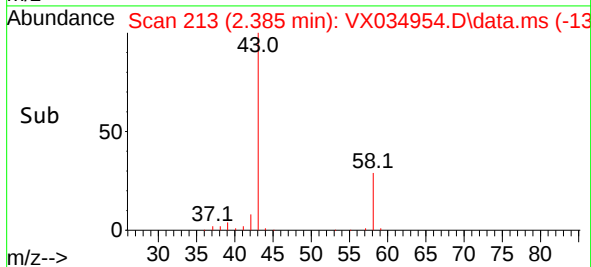
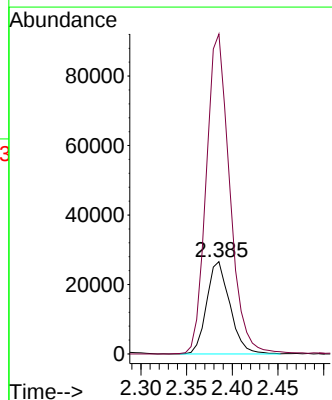
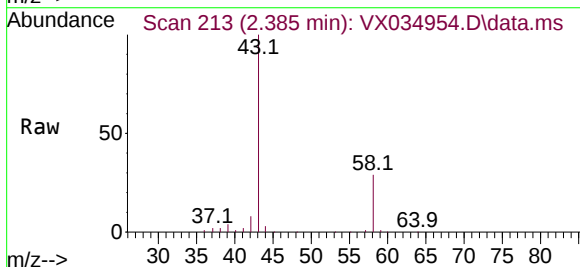
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(APR)

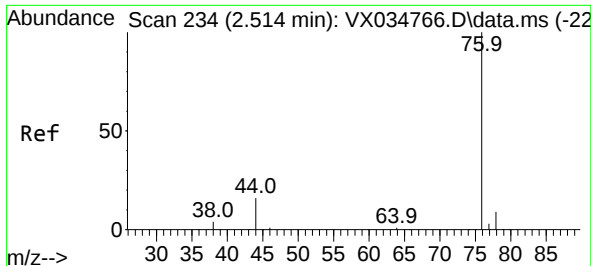
Tgt Ion:128 Resp: 28553
Ion Ratio Lower Upper
128 100
49 178.7 0.0 428.8
130 126.2 0.0 310.8



#15
Acetone
Concen: 100.008 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX034954.D
Acq: 06 Apr 2023 14:34

Tgt Ion: 58 Resp: 46924
Ion Ratio Lower Upper
58 100
43 345.8 270.8 406.2

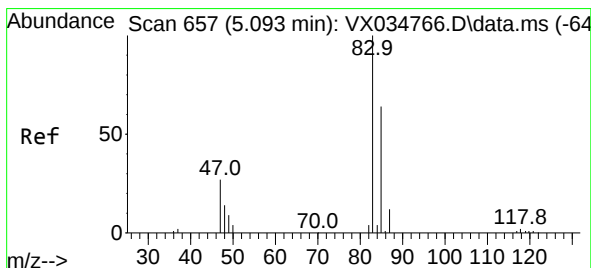
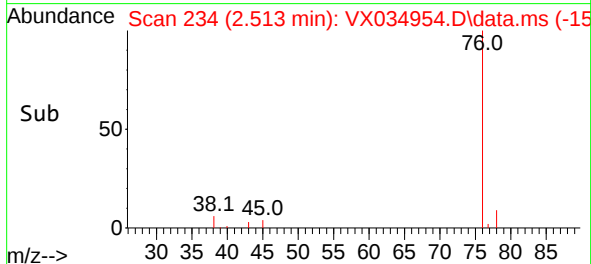
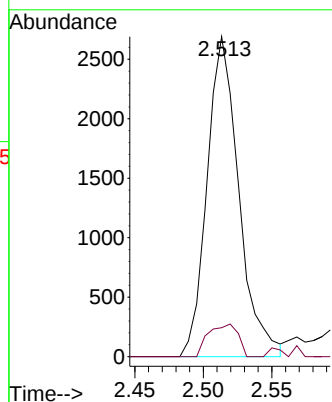
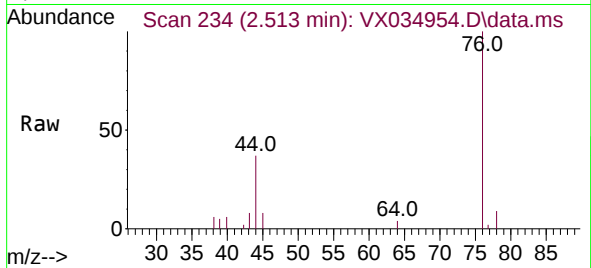




#16
Carbon Disulfide
Concen: 0.599 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX034954.D
Acq: 06 Apr 2023 14:34

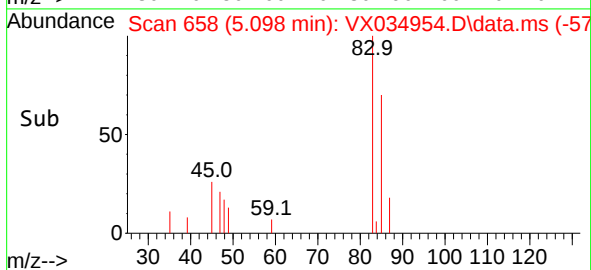
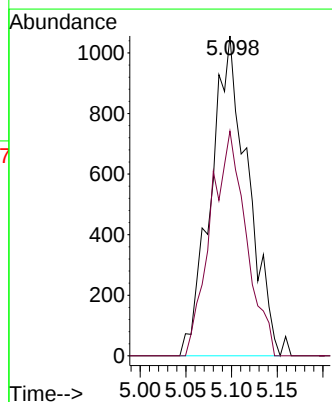
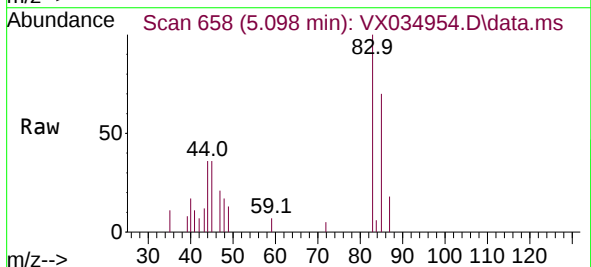
Instrument :
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ClientSampleId :
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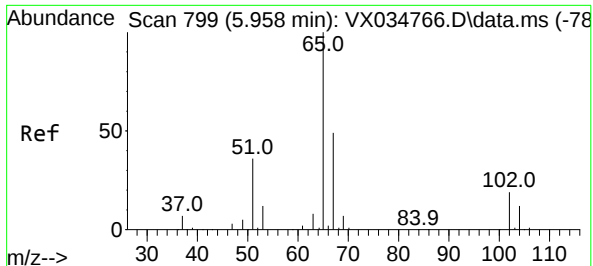
Tgt Ion: 76 Resp: 4342
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#25
Chloroform
Concen: 0.486 ug/l
RT: 5.098 min Scan# 658
Delta R.T. 0.005 min
Lab File: VX034954.D
Acq: 06 Apr 2023 14:34

Tgt Ion: 83 Resp: 2969
Ion Ratio Lower Upper
83 100
85 70.3 51.2 76.8

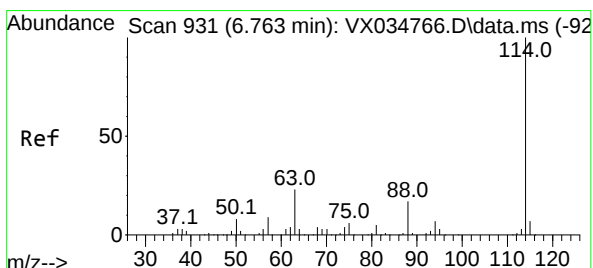
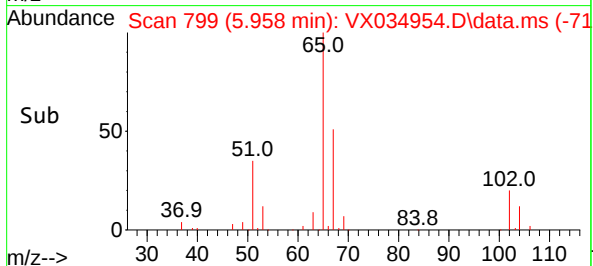
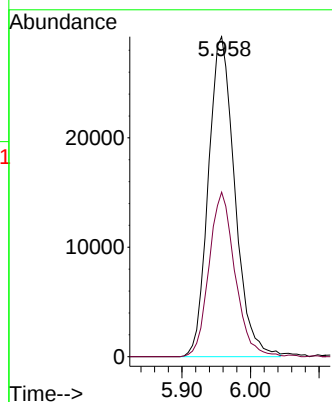
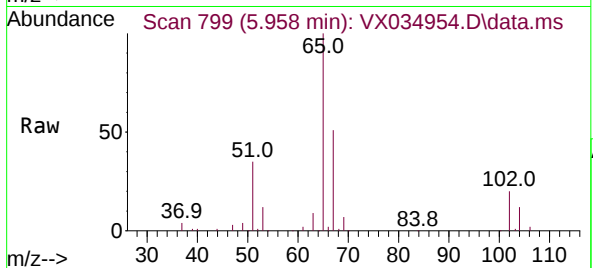




#27
 1,2-Dichloroethane-d4
 Concen: 28.577 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX034954.D
 Acq: 06 Apr 2023 14:34

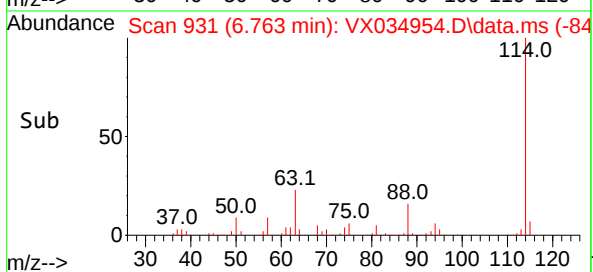
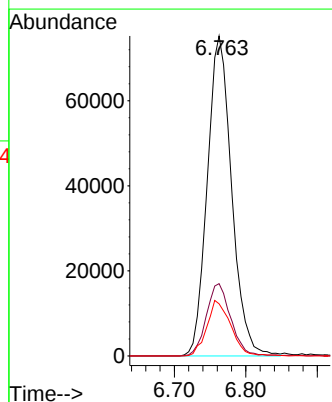
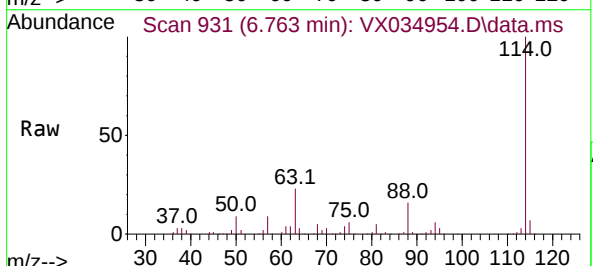
Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(APR)

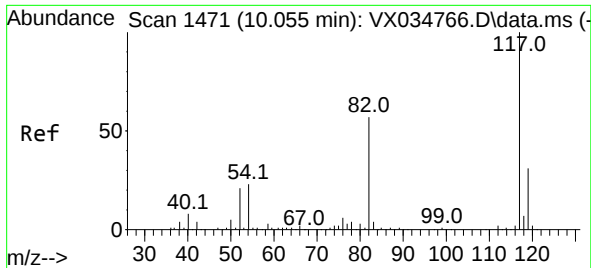
Tgt Ion: 65 Resp: 78401
 Ion Ratio Lower Upper
 65 100
 67 50.4 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX034954.D
 Acq: 06 Apr 2023 14:34

Tgt Ion: 114 Resp: 178350
 Ion Ratio Lower Upper
 114 100
 63 22.5 18.0 27.0
 88 16.8 13.3 19.9

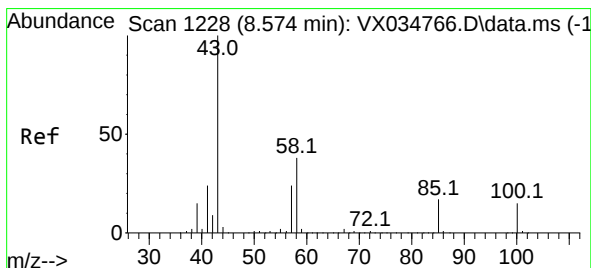
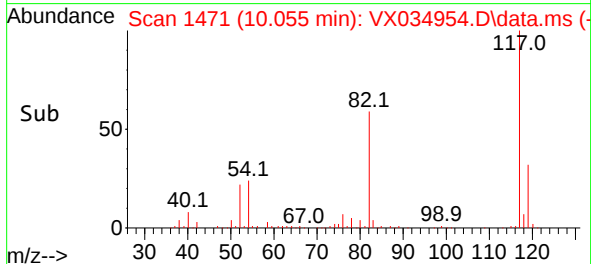
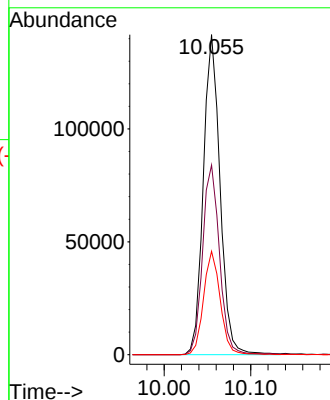
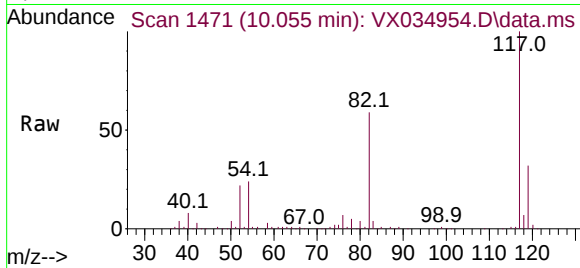




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034954.D
Acq: 06 Apr 2023 14:34

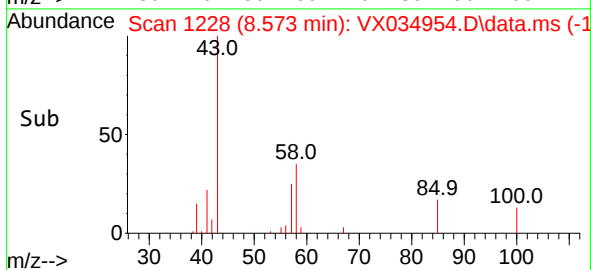
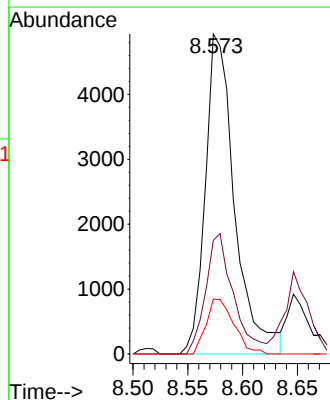
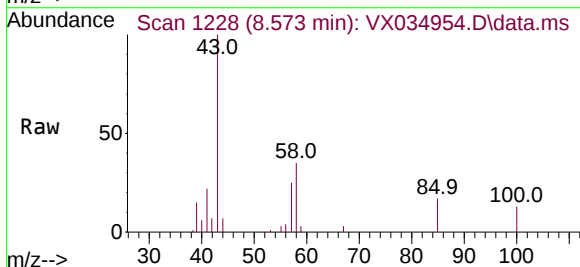
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(APR)

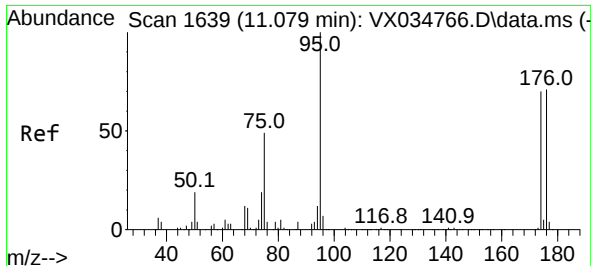
Tgt Ion:117 Resp: 190678
Ion Ratio Lower Upper
117 100
82 59.6 45.8 68.8
119 32.2 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 2.096 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX034954.D
Acq: 06 Apr 2023 14:34

Tgt Ion: 43 Resp: 9163
Ion Ratio Lower Upper
43 100
58 35.8 29.9 44.9
85 16.0 13.2 19.8

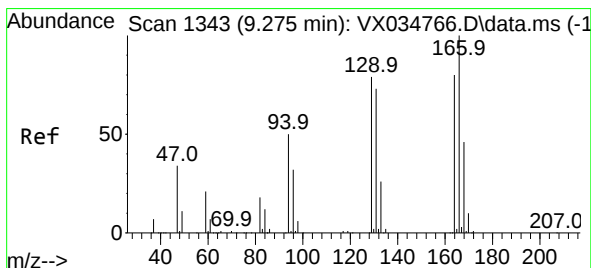
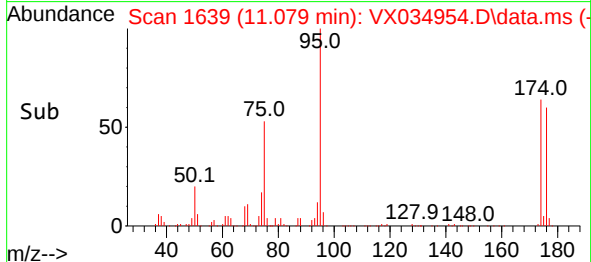
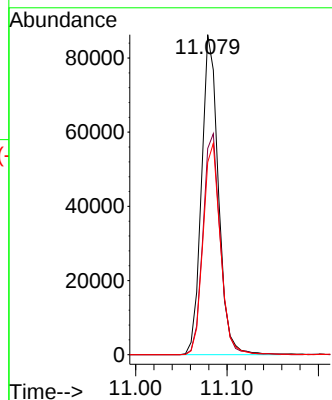
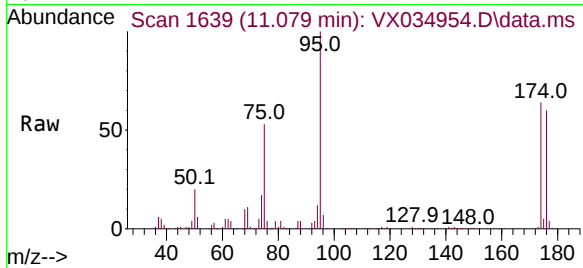




#60
4-Bromofluorobenzene
Concen: 29.071 ug/l
RT: 11.079 min Scan# 110762
Delta R.T. -0.000 min
Lab File: VX034954.D
Acq: 06 Apr 2023 14:34

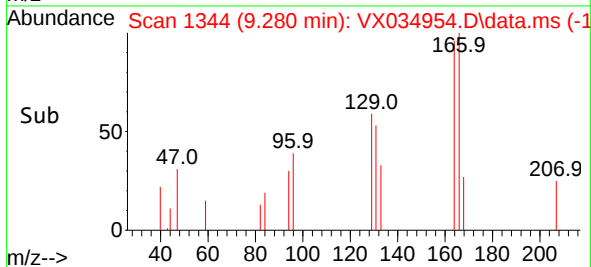
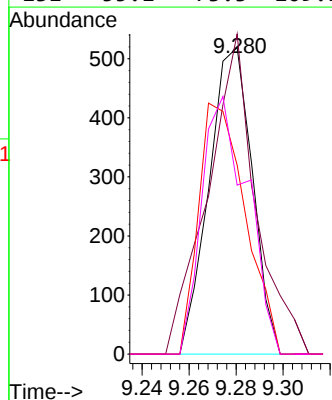
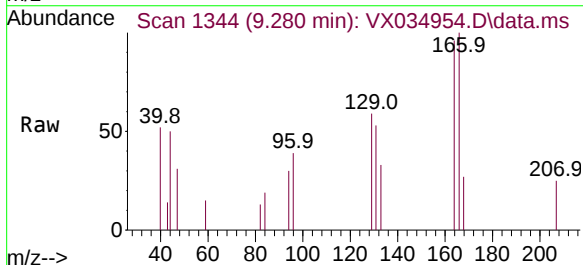
Instrument :
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ClientSampleId :
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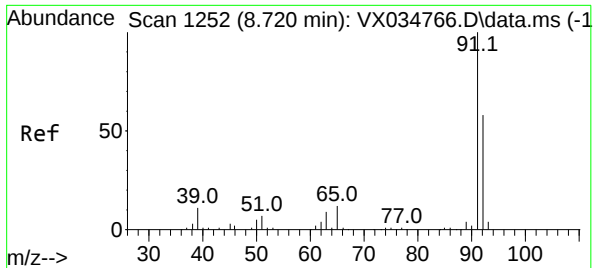
Tgt Ion: 95 Resp: 110762
Ion Ratio Lower Upper
95 100
174 70.8 0.2 0.4#
176 68.2 0.2 0.2#



#61
Tetrachloroethene
Concen: 0.259 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VX034954.D
Acq: 06 Apr 2023 14:34

Tgt Ion: 164 Resp: 666
Ion Ratio Lower Upper
164 100
166 85.4 100.1 150.1#
129 61.7 79.1 118.7#
131 55.1 73.3 109.9#





#62

Toluene

Concen: 0.631 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX034954.D

Acq: 06 Apr 2023 14:34

Instrument :

MSVOA_X

ClientSampleId :

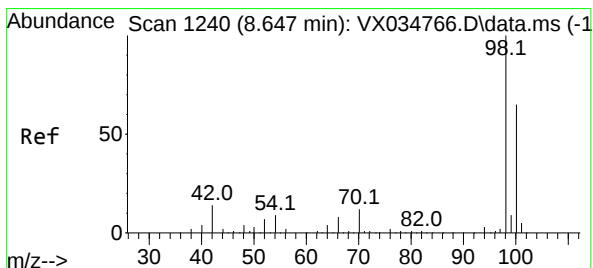
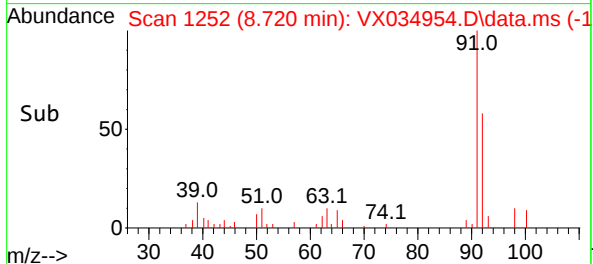
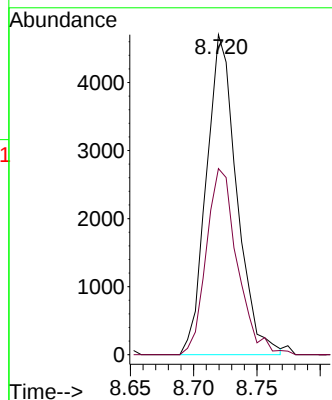
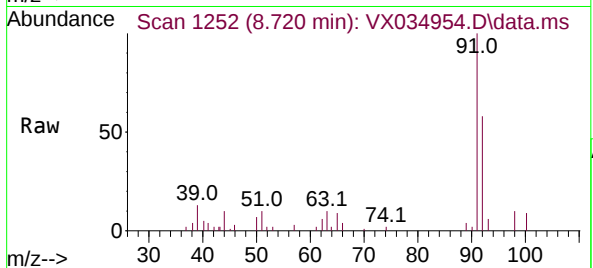
002-35TH-AVE(APR)

Tgt Ion: 91 Resp: 7872

Ion Ratio Lower Upper

91 100

92 58.8 46.5 69.7



#63

Toluene-d8

Concen: 29.396 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX034954.D

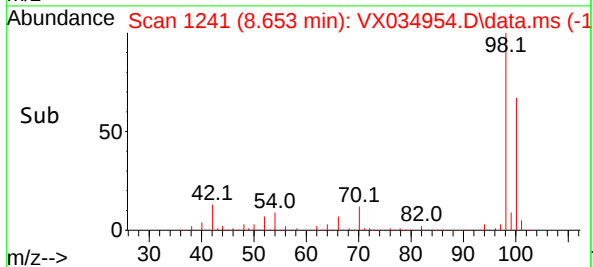
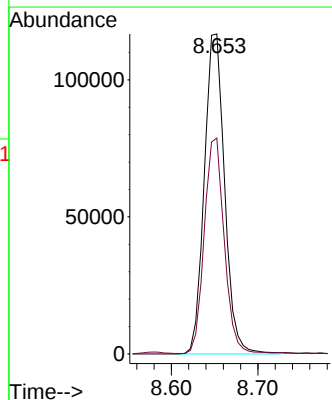
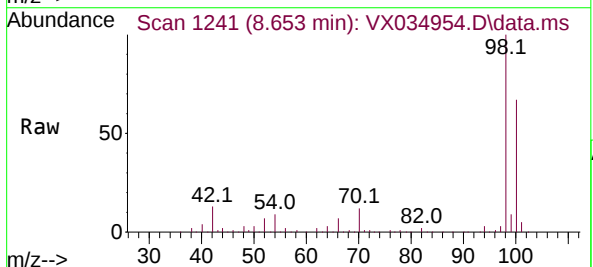
Acq: 06 Apr 2023 14:34

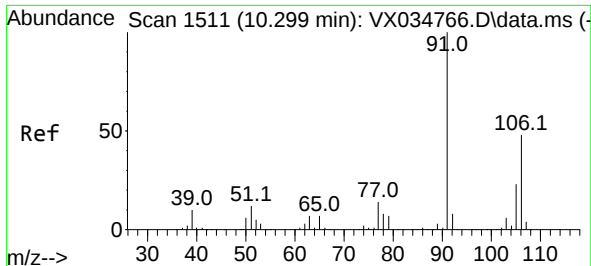
Tgt Ion: 98 Resp: 190483

Ion Ratio Lower Upper

98 100

100 66.5 52.1 78.1

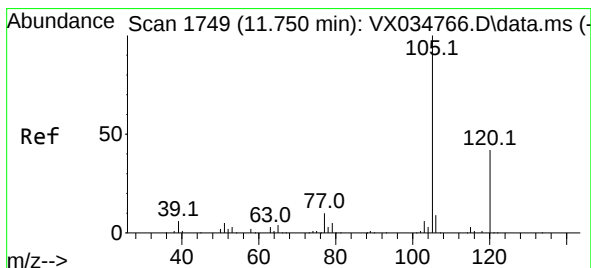
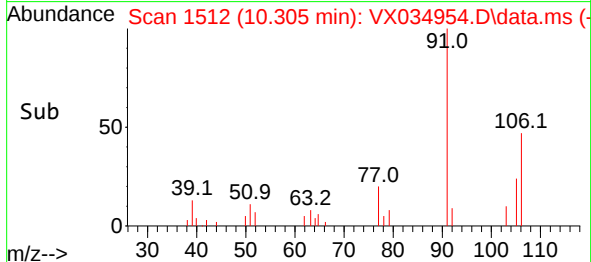
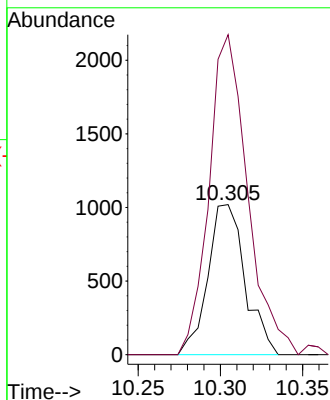
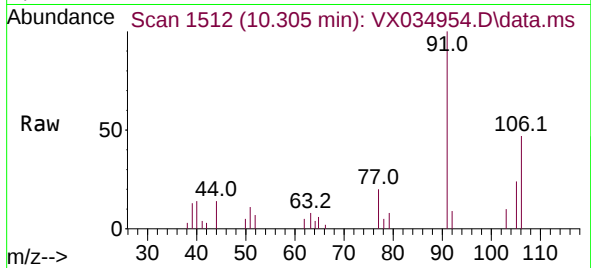




#67
m/p-Xylenes
Concen: 0.305 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034954.D
Acq: 06 Apr 2023 14:34

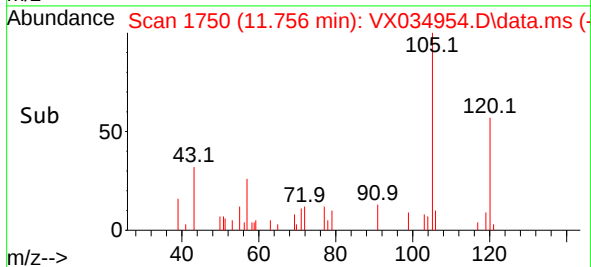
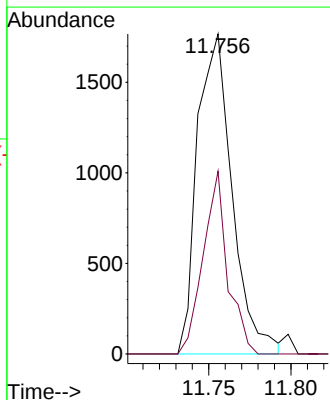
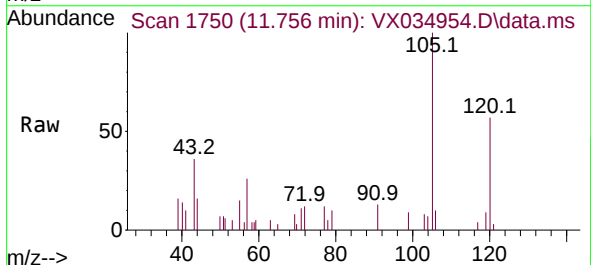
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(APR)

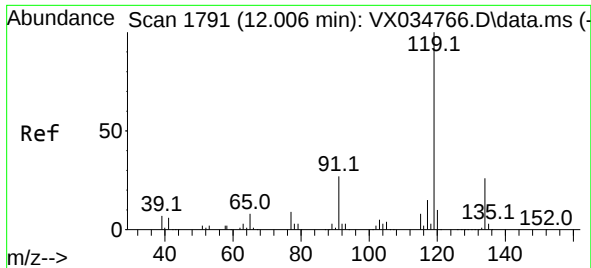
Tgt Ion:106 Resp: 1610
Ion Ratio Lower Upper
106 100
91 220.5 167.4 251.2



#80
1,2,4-Trimethylbenzene
Concen: 0.229 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX034954.D
Acq: 06 Apr 2023 14:34

Tgt Ion:105 Resp: 2594
Ion Ratio Lower Upper
105 100
120 40.2 0.0 90.4

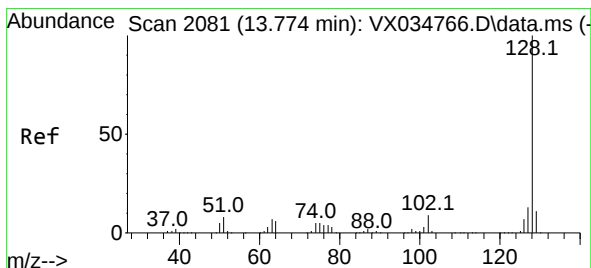
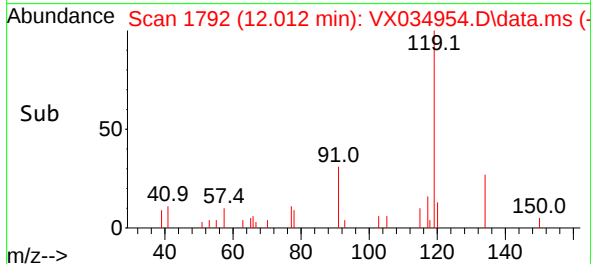
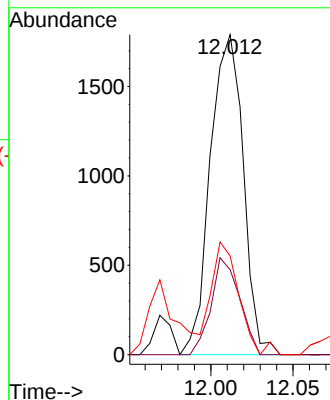
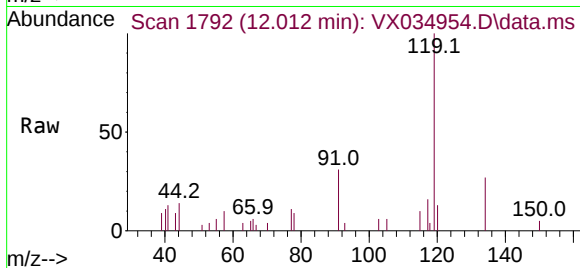




#82
p-Isopropyltoluene
Concen: 0.225 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX034954.D
Acq: 06 Apr 2023 14:34

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

Tgt Ion:119 Resp: 2500
Ion Ratio Lower Upper
119 100
134 26.0 0.0 52.2
91 28.2 0.0 51.0



#91
Naphthalene
Concen: 0.334 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034954.D
Acq: 06 Apr 2023 14:34

Tgt Ion:128 Resp: 4252
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 11.8 8.8 13.2

