

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030058.D
 Acq On : 14 Jul 2022 13:59
 Operator : JC/MD
 Sample : N3672-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-048-IDWGW-20220711

Quant Time: Jul 14 14:40:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

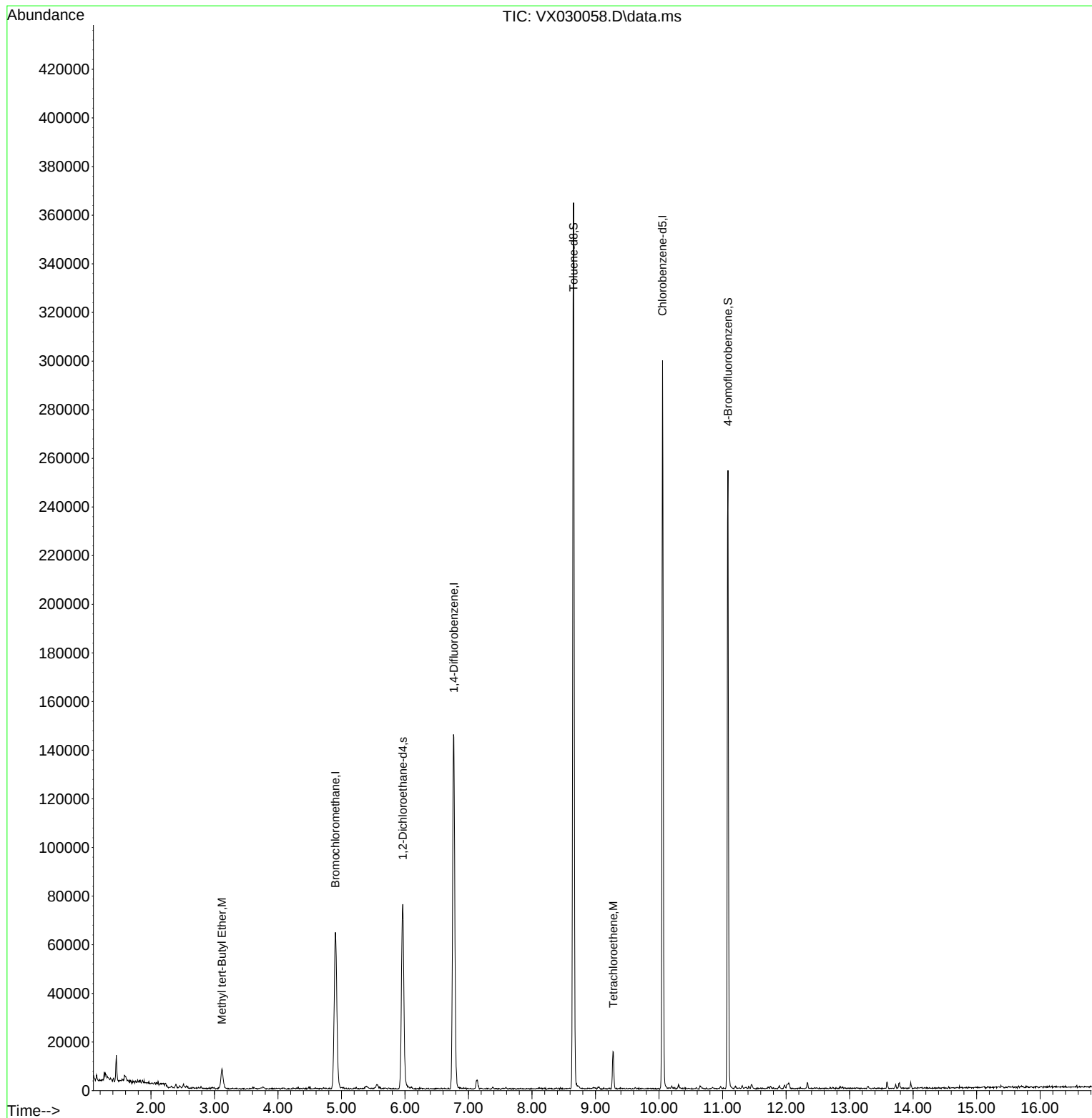
Internal Standards						
1) Bromochloromethane	4.904	128	28368	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	158978	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	138138	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	67728	29.279	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.600%
60) 4-Bromofluorobenzene	11.085	95	69630	26.747	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.167%
63) Toluene-d8	8.653	98	221353	29.551	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.500%
Target Compounds						
					Qvalue	
24) Methyl tert-Butyl Ether	3.117	73	8633	1.340	ug/l	94
61) Tetrachloroethene	9.281	164	2816	1.358	ug/l	91

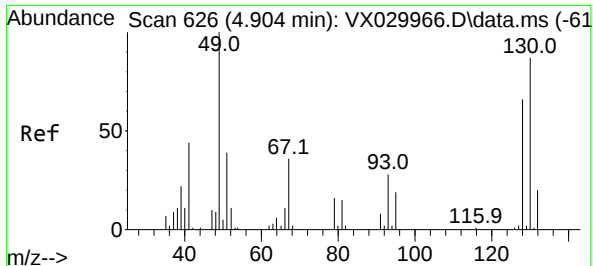
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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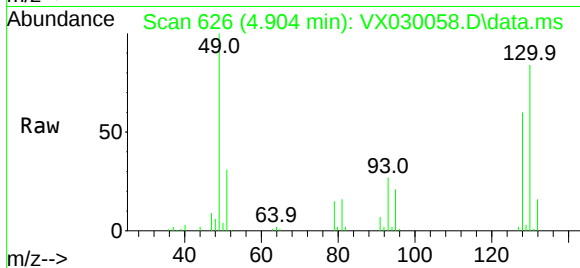
Quant Time: Jul 14 14:40:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
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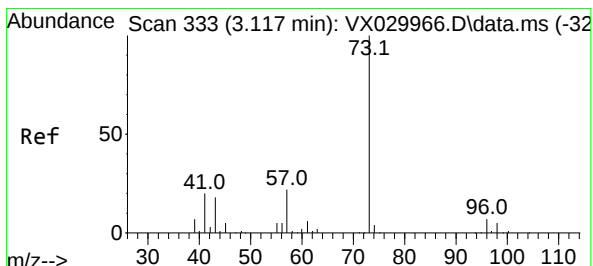
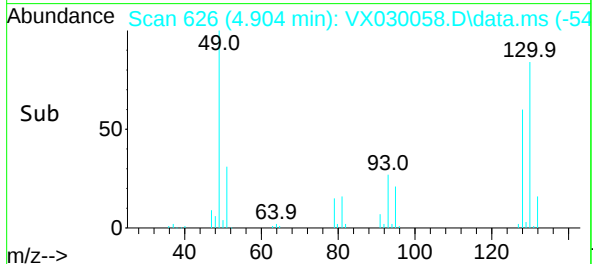
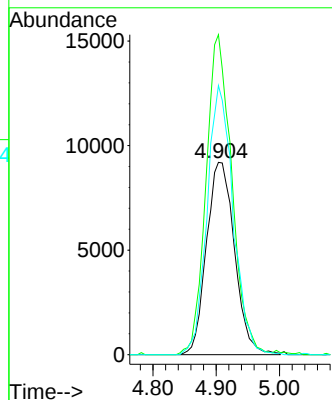


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030058.D
Acq: 14 Jul 2022 13:59

Instrument :
MSVOA_X
ClientSampleId :
TT-048-IDWGW-20220711

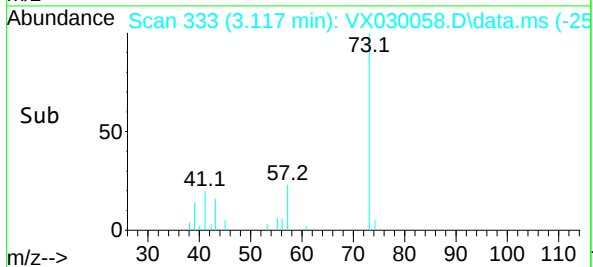
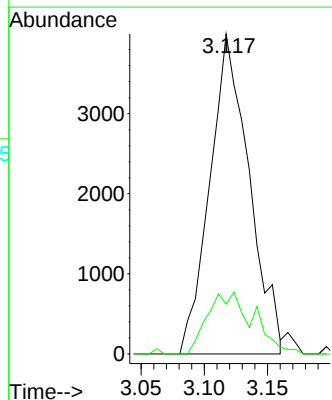
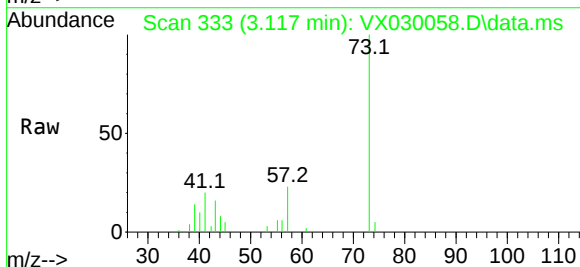


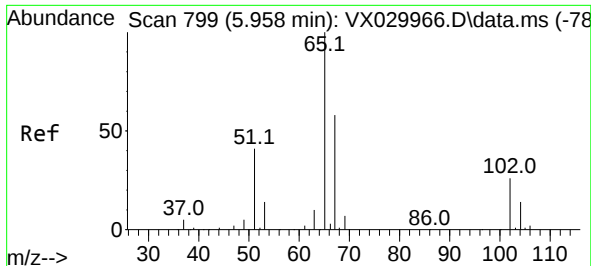
Tgt Ion	Ratio	Lower	Upper
128	100		
49	152.7	0.0	358.3
130	129.8	0.0	319.3



#24
Methyl tert-Butyl Ether
Concen: 1.340 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX030058.D
Acq: 14 Jul 2022 13:59

Tgt Ion	Ratio	Lower	Upper
73	100		
43	17.3	16.0	24.0





#27

1,2-Dichloroethane-d4

Concen: 29.279 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030058.D

Acq: 14 Jul 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

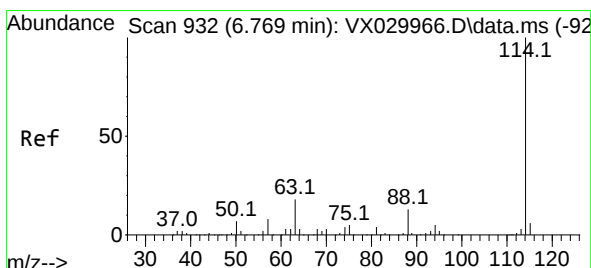
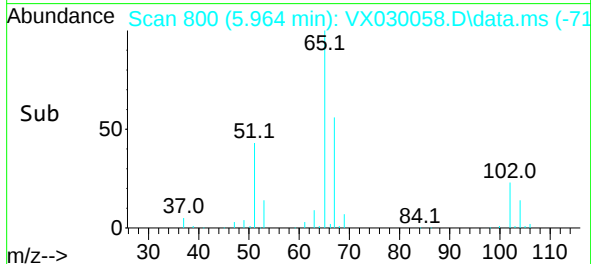
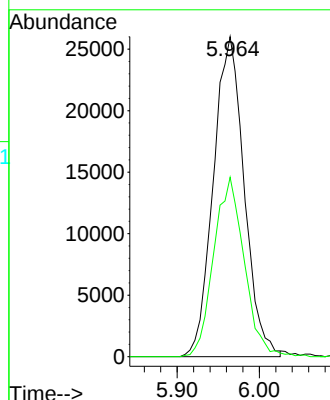
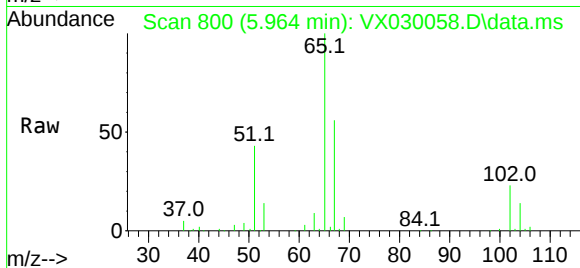
TT-048-IDWGW-20220711

Tgt Ion: 65 Resp: 67728

Ion Ratio Lower Upper

65 100

67 55.3 42.3 63.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030058.D

Acq: 14 Jul 2022 13:59

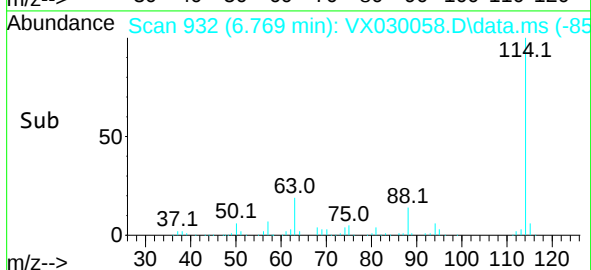
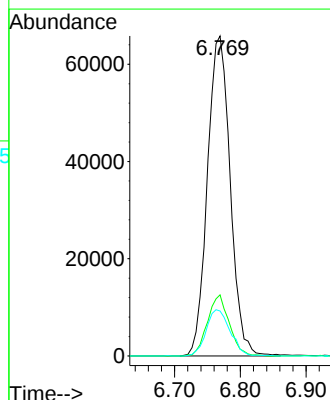
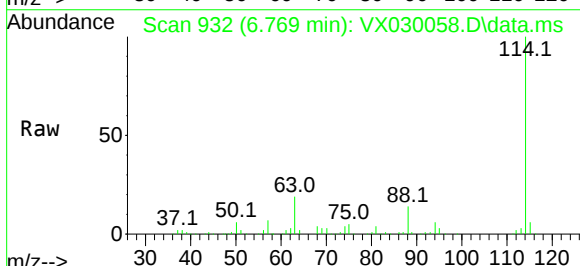
Tgt Ion: 114 Resp: 158978

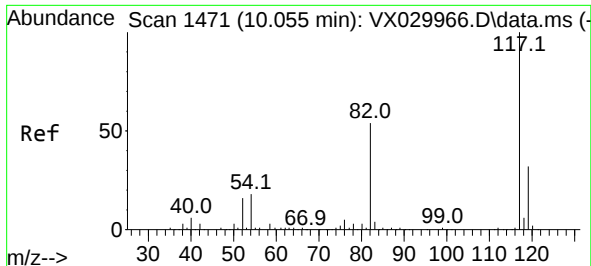
Ion Ratio Lower Upper

114 100

63 18.1 15.3 22.9

88 15.1 12.2 18.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX030058.D

Acq: 14 Jul 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

TT-048-IDWGW-20220711

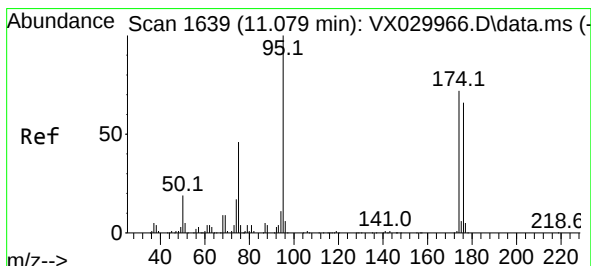
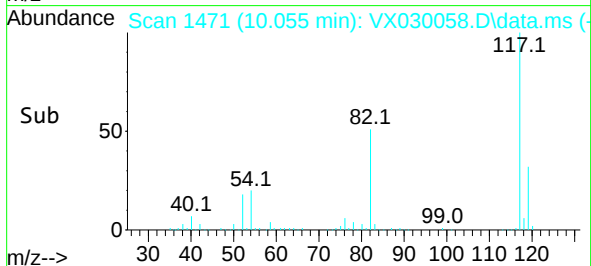
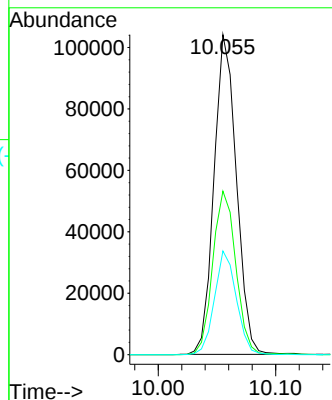
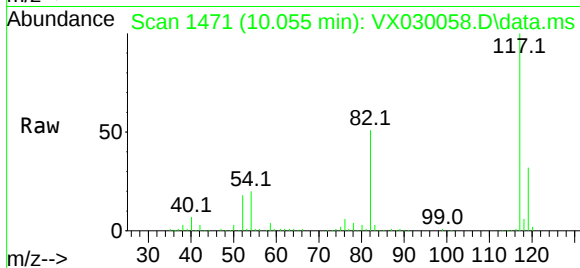
Tgt Ion:117 Resp: 138138

Ion Ratio Lower Upper

117 100

82 52.5 42.3 63.5

119 31.7 26.2 39.2



#60

4-Bromofluorobenzene

Concen: 26.747 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX030058.D

Acq: 14 Jul 2022 13:59

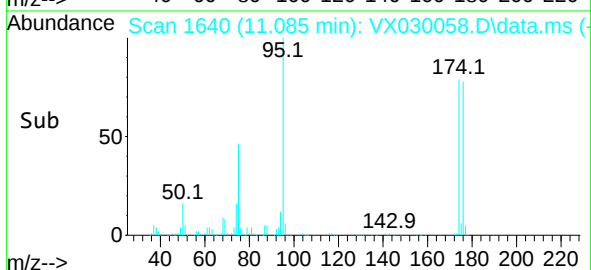
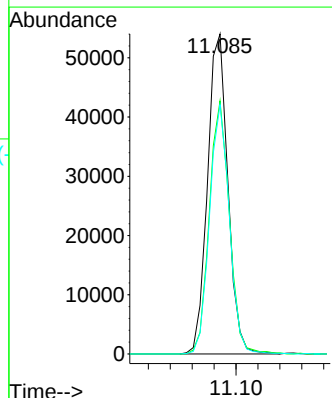
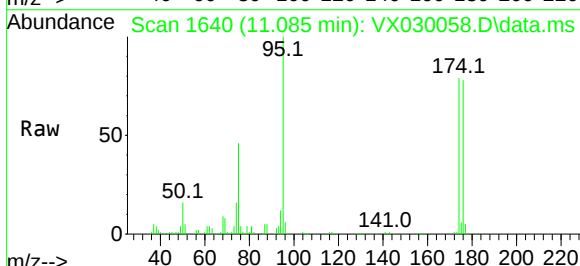
Tgt Ion: 95 Resp: 69630

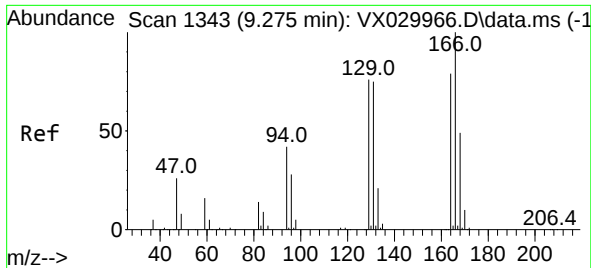
Ion Ratio Lower Upper

95 100

174 78.1 65.4 98.2

176 75.1 63.4 95.0

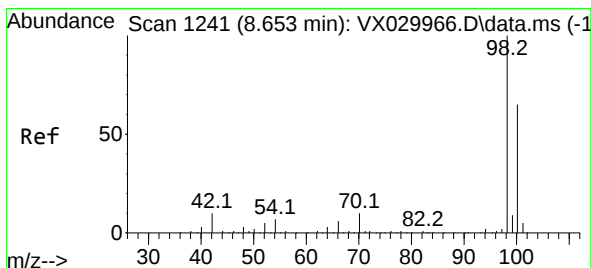
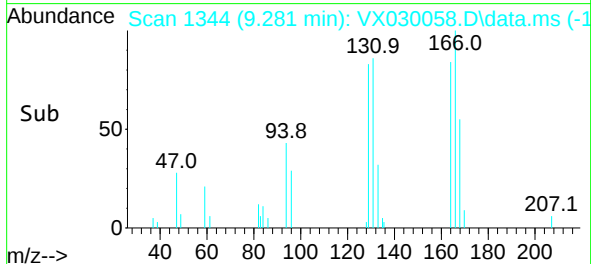
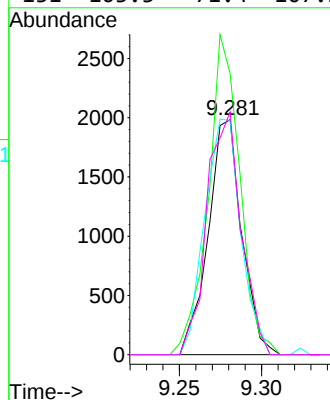
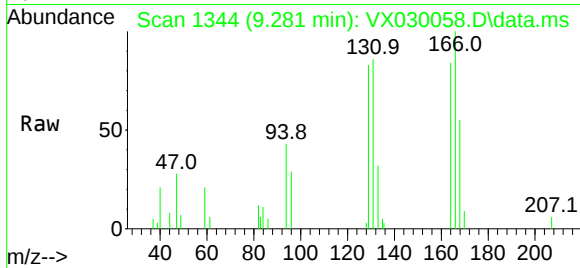




#61
Tetrachloroethene
Concen: 1.358 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030058.D
Acq: 14 Jul 2022 13:59

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 2816
Ion Ratio Lower Upper
164 100
166 119.5 105.0 157.6
129 99.7 78.5 117.7
131 103.3 71.4 107.2



#63
Toluene-d8
Concen: 29.551 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030058.D
Acq: 14 Jul 2022 13:59

Tgt Ion: 98 Resp: 221353
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.2

