

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030060.D
 Acq On : 14 Jul 2022 14:45
 Operator : JC/MD
 Sample : N3718-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 220713004-03-TRIP-BLANK

Quant Time: Jul 15 04:41:55 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)

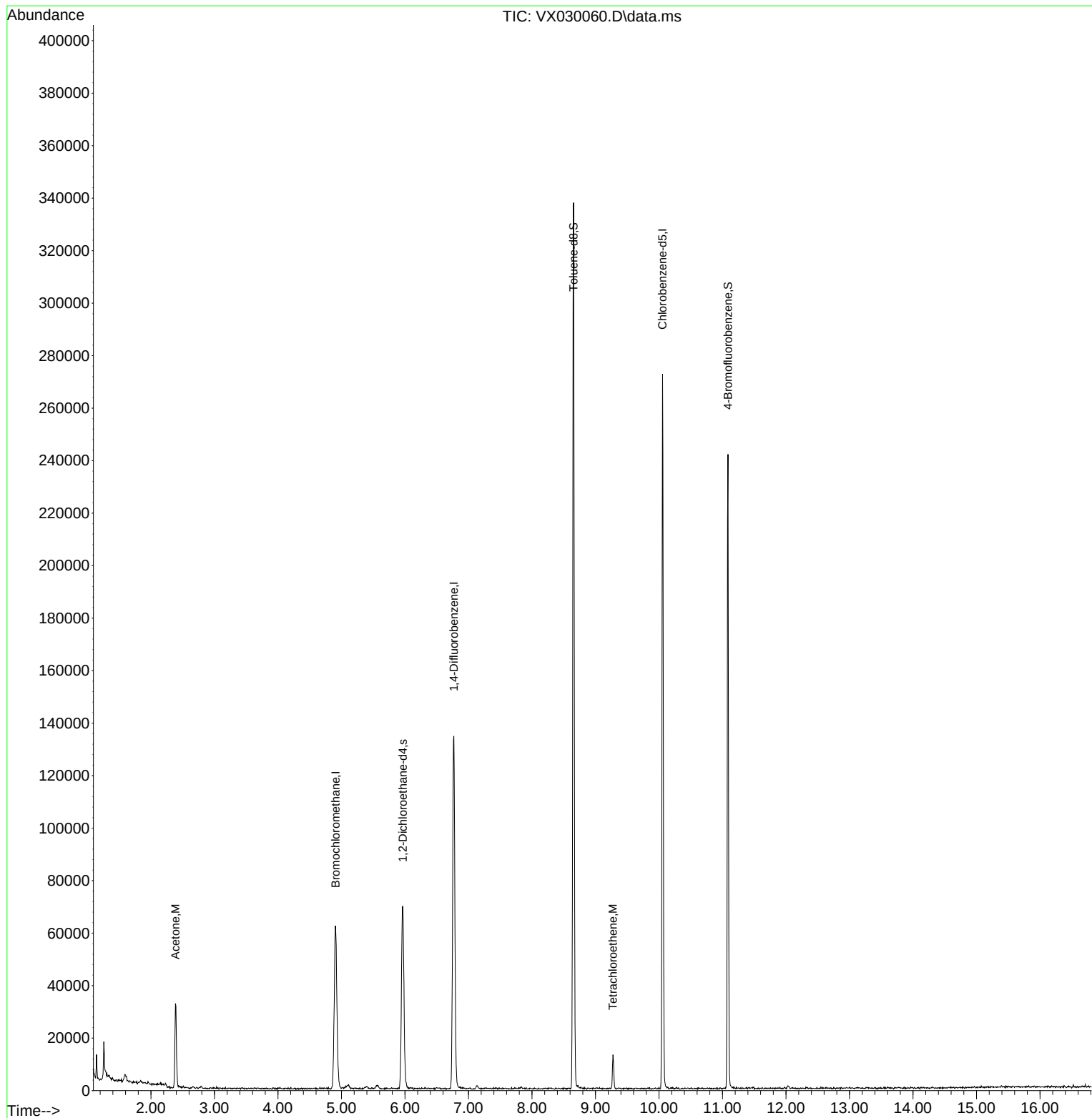
Internal Standards						
1) Bromochloromethane	4.910	128	27536	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	145618	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	125798	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	64242	28.611	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.367%
60) 4-Bromofluorobenzene	11.085	95	65445	27.605	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.033%
63) Toluene-d8	8.653	98	204252	29.943	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.800%
Target Compounds						
15) Acetone	2.386	58	11638	31.522	ug/l	Qvalue 91
61) Tetrachloroethene	9.275	164	2233	1.182	ug/l	82

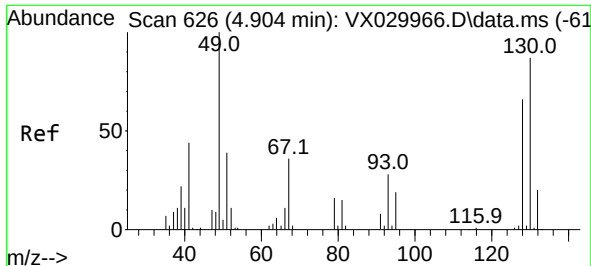
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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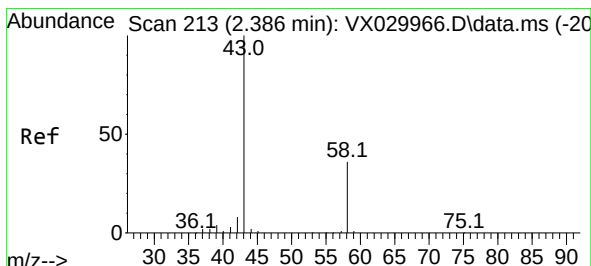
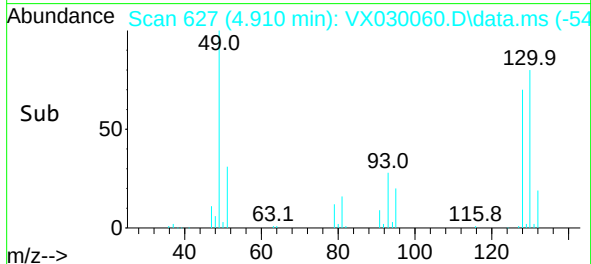
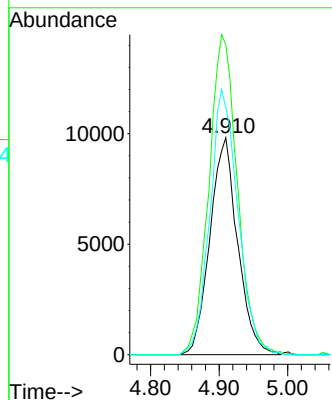
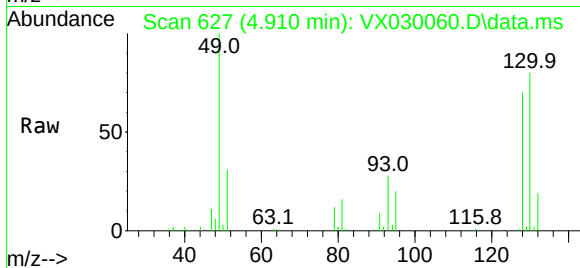




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030060.D
Acq: 14 Jul 2022 14:45

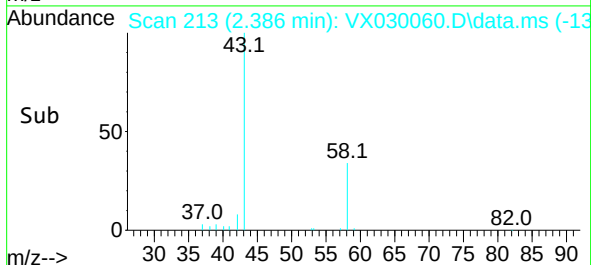
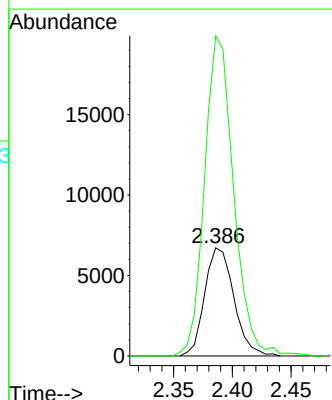
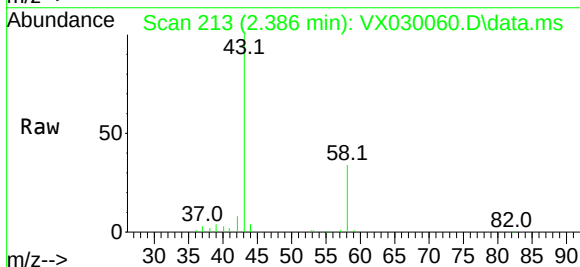
Instrument :
MSVOA_X
ClientSampleId :
220713004-03-TRIP-BLANK

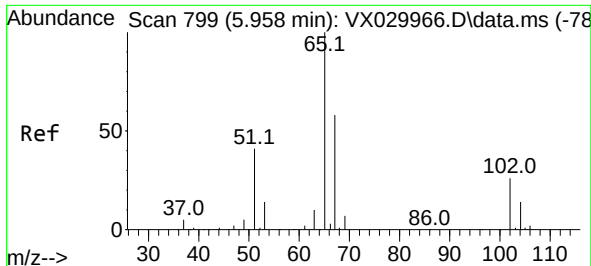
Tgt Ion:128 Resp: 27536
Ion Ratio Lower Upper
128 100
49 151.8 0.0 358.3
130 124.5 0.0 319.3



#15
Acetone
Concen: 31.522 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX030060.D
Acq: 14 Jul 2022 14:45

Tgt Ion: 58 Resp: 11638
Ion Ratio Lower Upper
58 100
43 294.1 250.2 375.2

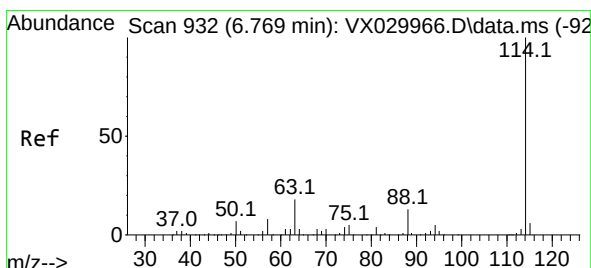
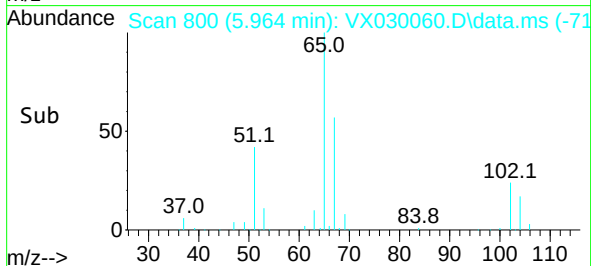
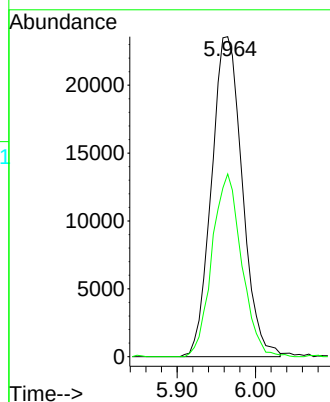
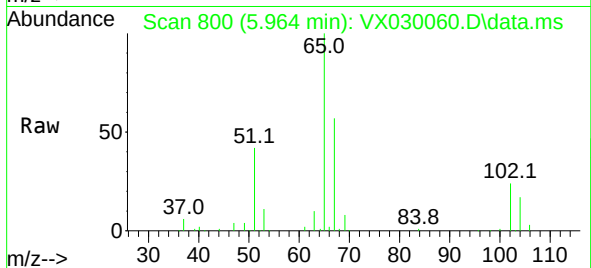




#27
 1,2-Dichloroethane-d4
 Concen: 28.611 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX030060.D
 Acq: 14 Jul 2022 14:45

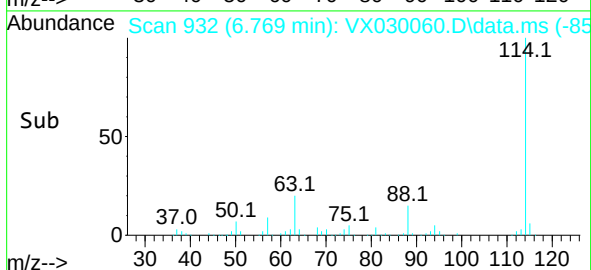
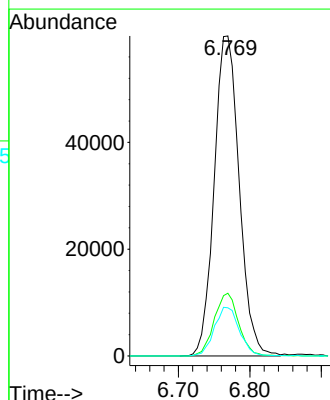
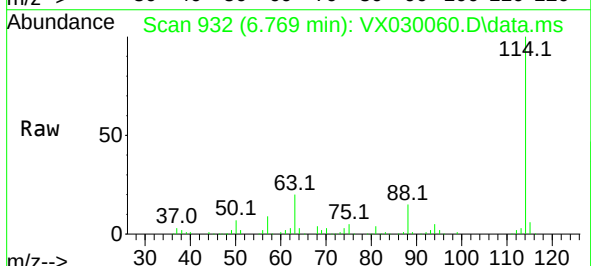
Instrument :
 MSVOA_X
 ClientSampleId :
 220713004-03-TRIP-BLANK

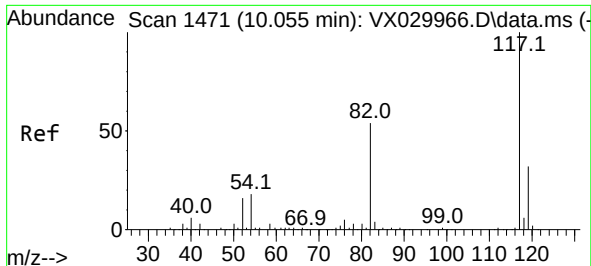
Tgt Ion: 65 Resp: 64242
 Ion Ratio Lower Upper
 65 100
 67 55.0 42.3 63.5



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX030060.D
 Acq: 14 Jul 2022 14:45

Tgt Ion: 114 Resp: 145618
 Ion Ratio Lower Upper
 114 100
 63 19.1 15.3 22.9
 88 15.2 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: VX030060.D

Acq: 14 Jul 2022 14:45

Instrument :

MSVOA_X

ClientSampleId :

220713004-03-TRIP-BLANK

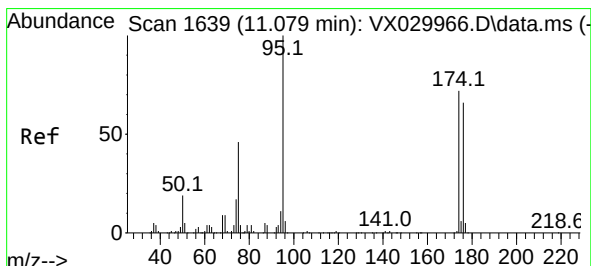
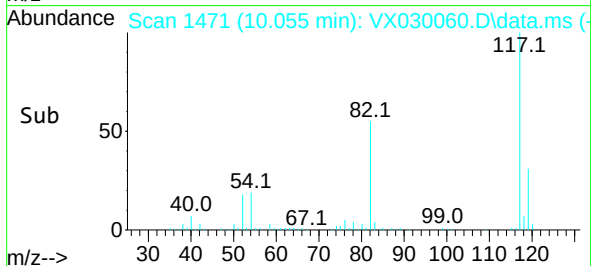
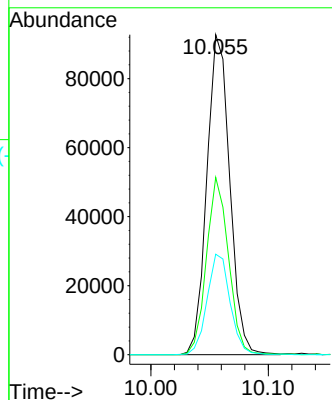
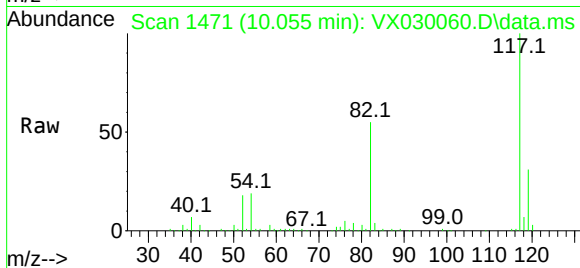
Tgt Ion:117 Resp: 125798

Ion Ratio Lower Upper

117 100

82 53.3 42.3 63.5

119 31.4 26.2 39.2



#60

4-Bromofluorobenzene

Concen: 27.605 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX030060.D

Acq: 14 Jul 2022 14:45

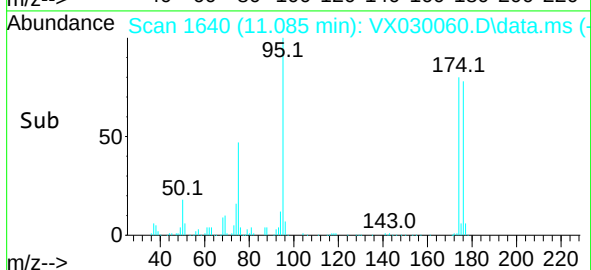
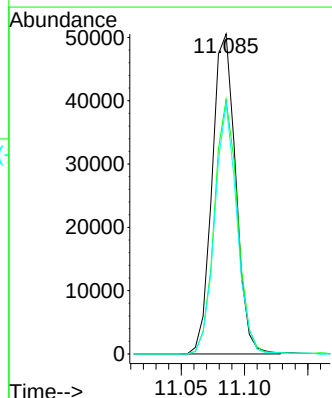
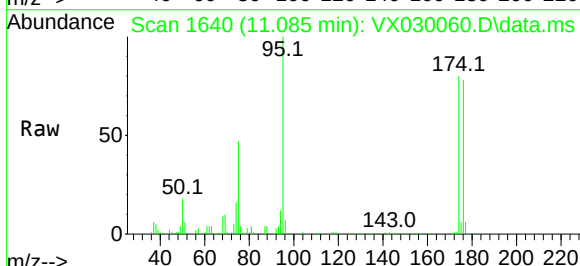
Tgt Ion: 95 Resp: 65445

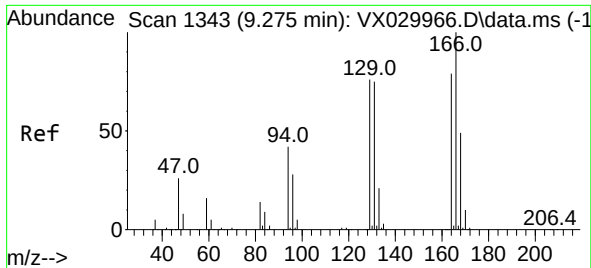
Ion Ratio Lower Upper

95 100

174 78.2 65.4 98.2

176 73.7 63.4 95.0

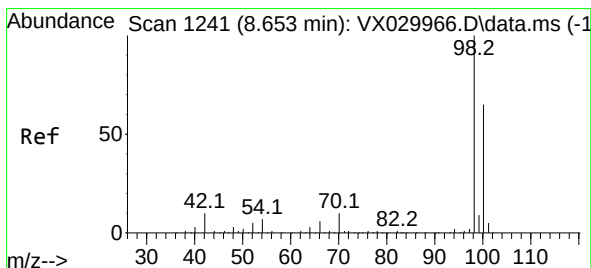
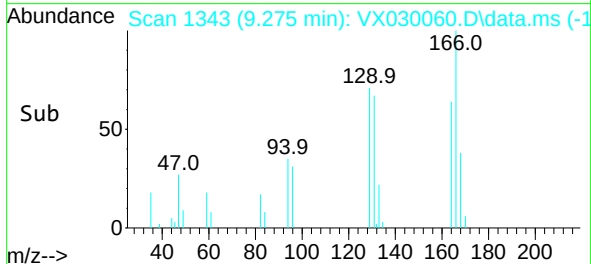
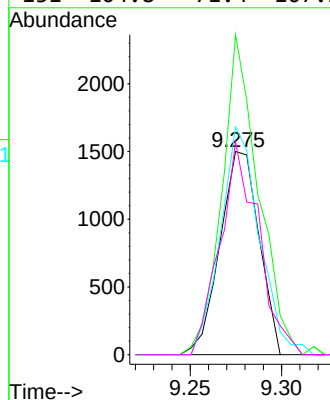
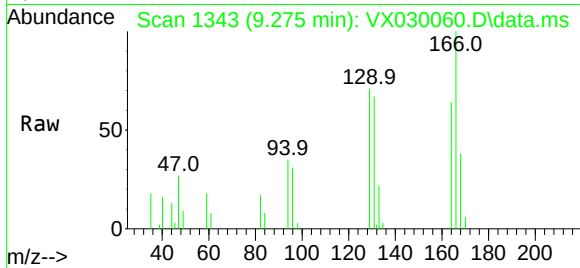




#61
Tetrachloroethene
Concen: 1.182 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030060.D
Acq: 14 Jul 2022 14:45

Instrument :
MSVOA_X
ClientSampleId :
220713004-03-TRIP-BLANK

Tgt Ion:164 Resp: 2233
Ion Ratio Lower Upper
164 100
166 157.5 105.0 157.6
129 112.1 78.5 117.7
131 104.8 71.4 107.2



#63
Toluene-d8
Concen: 29.943 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX030060.D
Acq: 14 Jul 2022 14:45

Tgt Ion: 98 Resp: 204252
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.2

