

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028424.D
 Acq On : 29 Apr 2022 15:25
 Operator : JC/MD
 Sample : N2563-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORM-WATER-042622

Quant Time: Apr 30 09:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 2022
 Response via : Initial Calibration

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

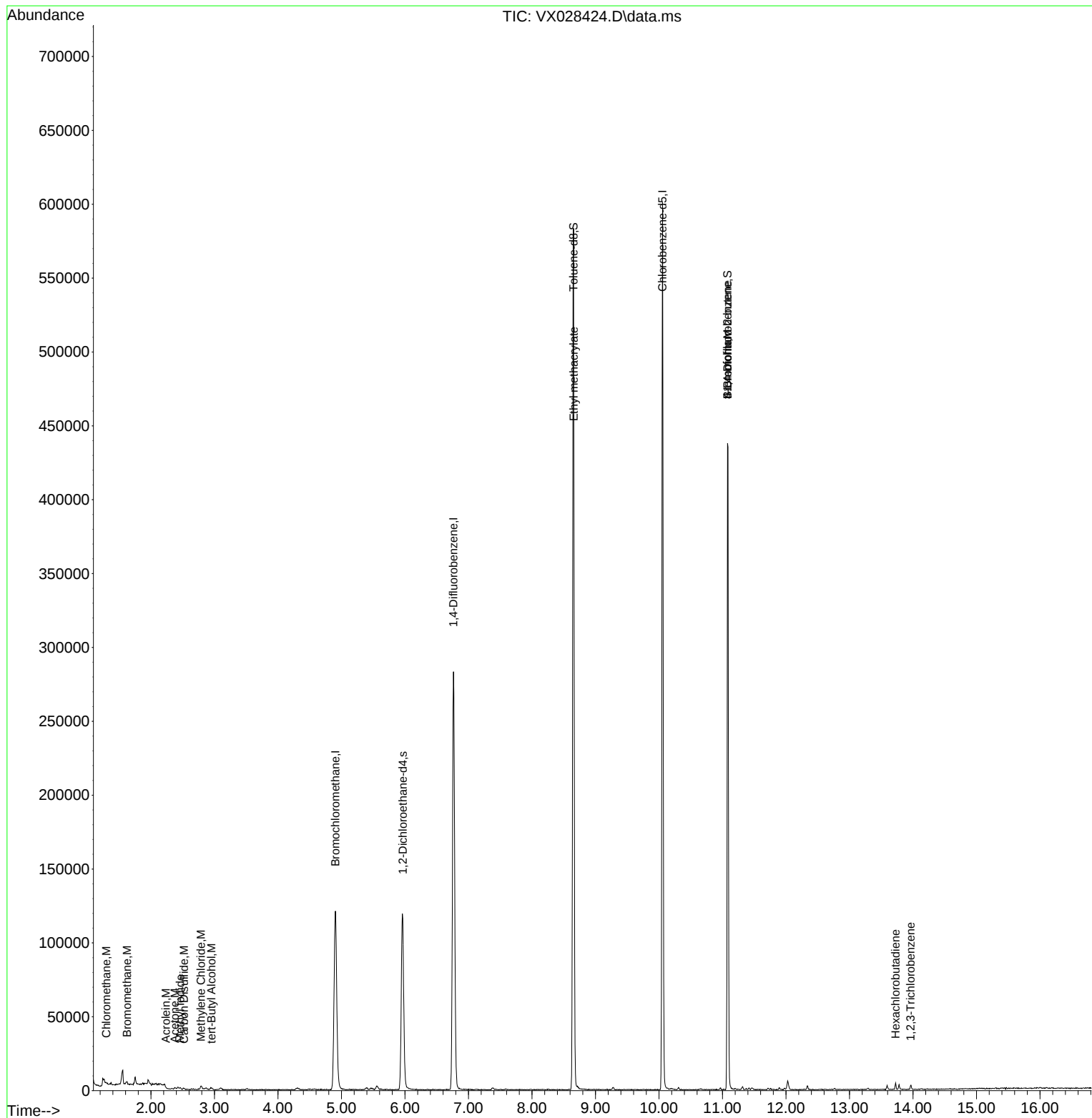
Internal Standards						
1) Bromochloromethane	4.904	128	54804	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	306785	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	268331	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	113213	32.483	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.267%	
60) 4-Bromofluorobenzene	11.079	95	118033	28.285	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 94.300%	
63) Toluene-d8	8.653	98	357672	31.465	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 104.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	330	0.216	ug/l #	57
5) Bromomethane	1.624	94	1293	0.808	ug/l #	49
11) Methyl Iodide	2.459	142	1106	0.399	ug/l	93
13) Acrolein	2.233	56	283	0.423	ug/l #	1
15) Acetone	2.374	58	340	0.799	ug/l	72
16) Carbon Disulfide	2.520	76	969	0.397	ug/l #	91
18) Methylene Chloride	2.788	84	965	0.364	ug/l #	63
23) tert-Butyl Alcohol	2.953	59	870	1.073	ug/l #	100
51) Ethyl methacrylate	8.659	69	1299	0.275	ug/l	76
56) Bromoform	11.079	173	1076	0.414	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	59767	44.927	ug/l #	3
90) Hexachlorobutadiene	13.725	225	747	0.381	ug/l	77
92) 1,2,3-Trichlorobenzene	13.963	180	940	0.203	ug/l	97

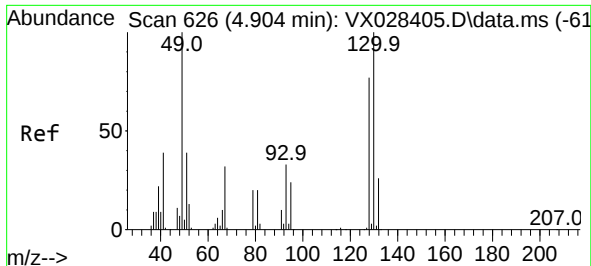
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
Data File : VX028424.D
Acq On : 29 Apr 2022 15:25
Operator : JC/MD
Sample : N2563-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORM-WATER-042622

Quant Time: Apr 30 09:54:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 29 06:09:36 2022
Response via : Initial Calibration

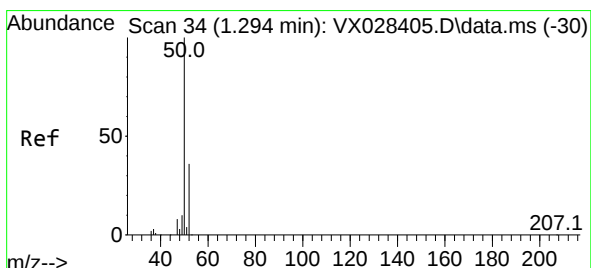
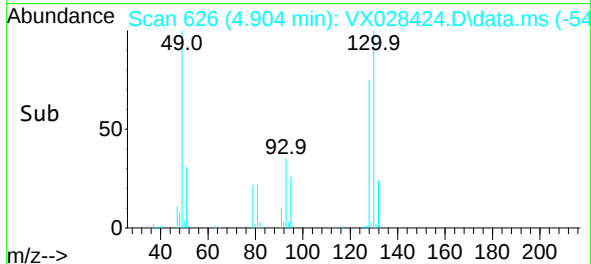
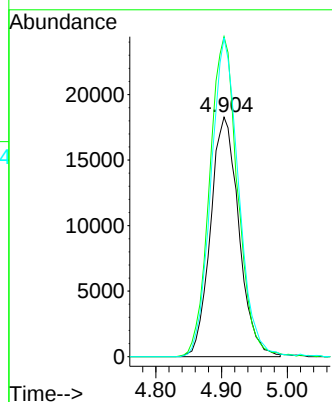
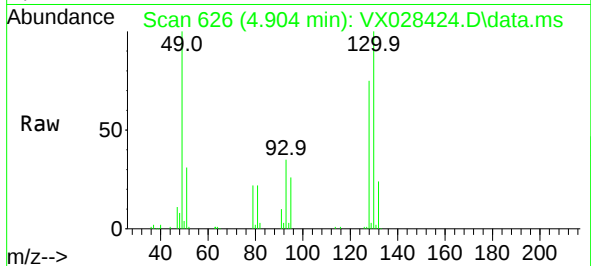




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

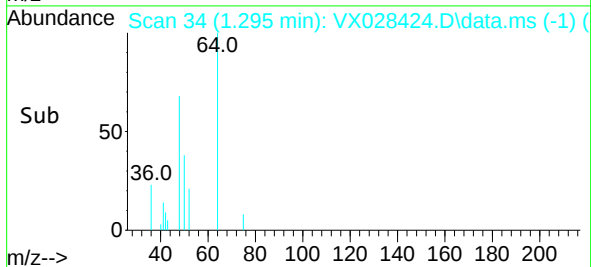
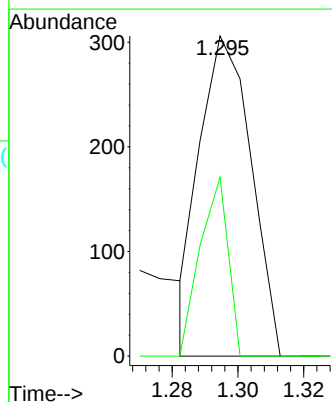
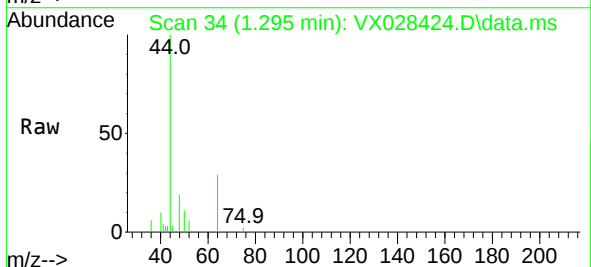
Instrument :
MSVOA_X
ClientSampleId :
STORM-WATER-042622

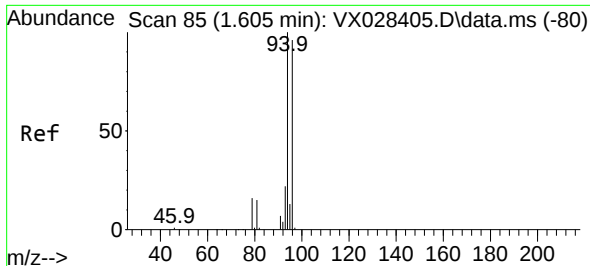
Tgt Ion:128 Resp: 54804
Ion Ratio Lower Upper
128 100
49 132.1 0.0 358.3
130 130.0 0.0 319.3



#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

Tgt Ion: 50 Resp: 330
Ion Ratio Lower Upper
50 100
52 55.9 25.6 38.4#

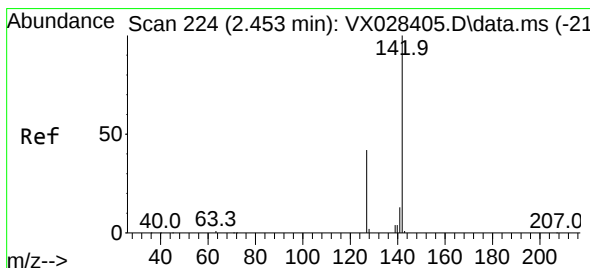
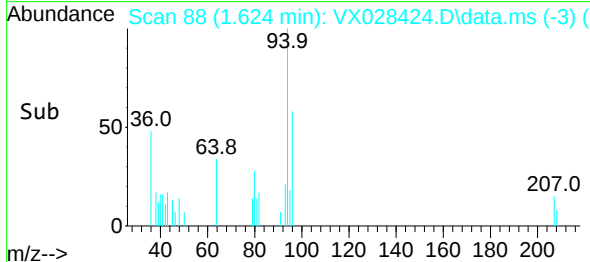
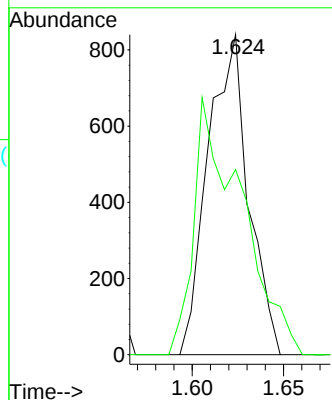
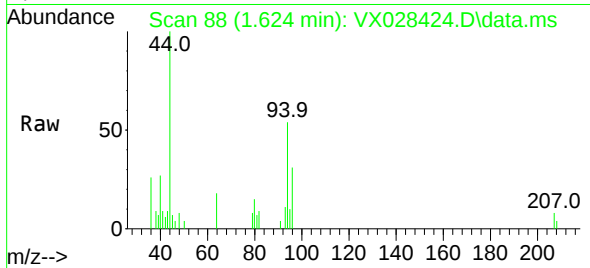




#5
Bromomethane
Concen: 0.808 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

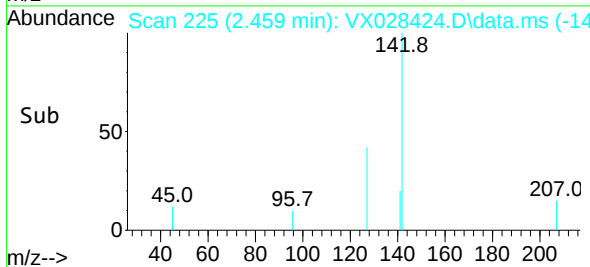
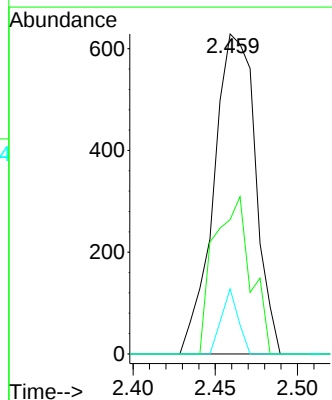
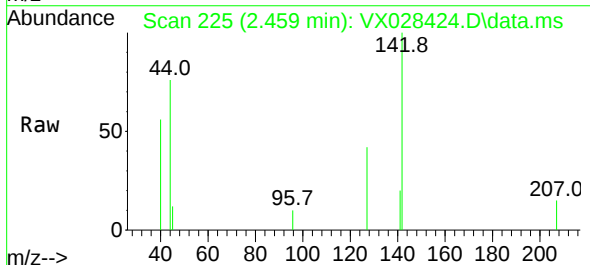
Instrument :
MSVOA_X
ClientSampleId :
STORM-WATER-042622

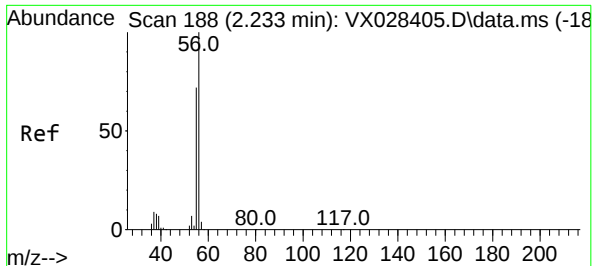
Tgt Ion: 94 Resp: 1293
Ion Ratio Lower Upper
94 100
96 46.8 77.0 115.6#



#11
Methyl Iodide
Concen: 0.399 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

Tgt Ion:142 Resp: 1106
Ion Ratio Lower Upper
142 100
127 42.0 22.3 66.9
141 20.3 7.0 20.9

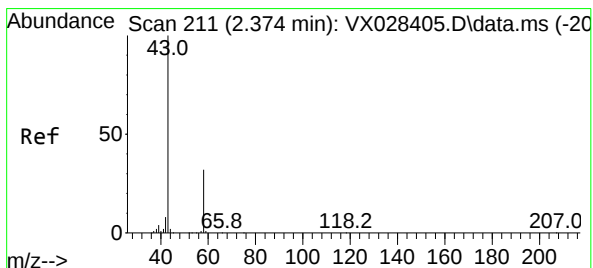
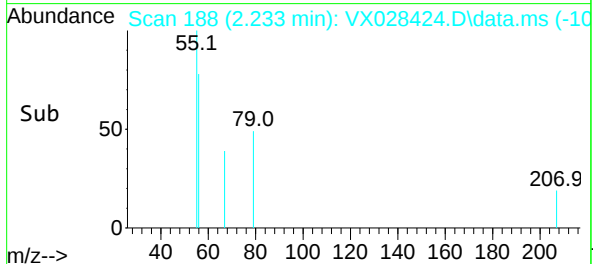
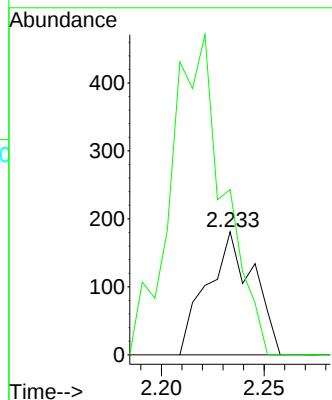
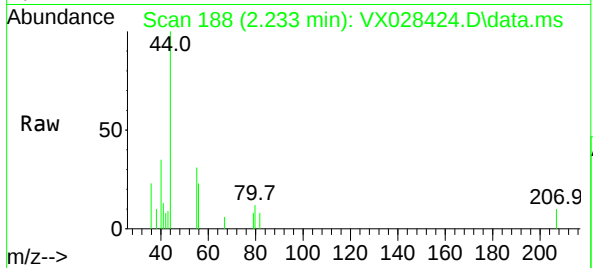




#13
Acrolein
Concen: 0.423 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

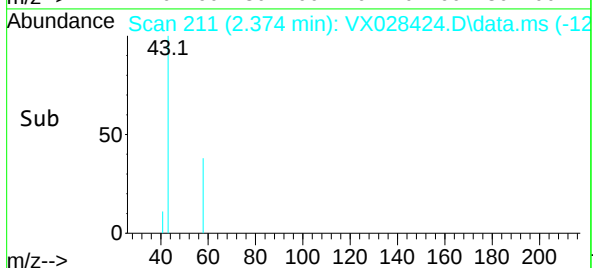
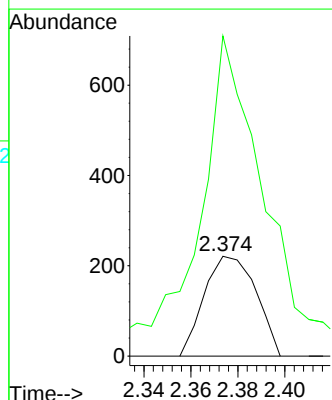
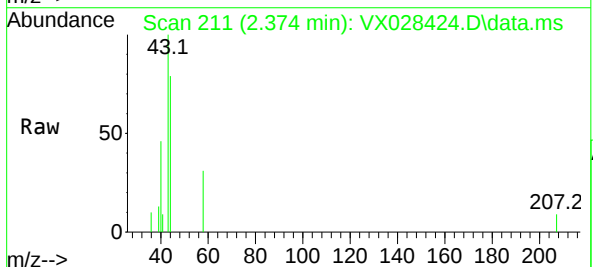
Instrument :
MSVOA_X
ClientSampleId :
STORM-WATER-042622

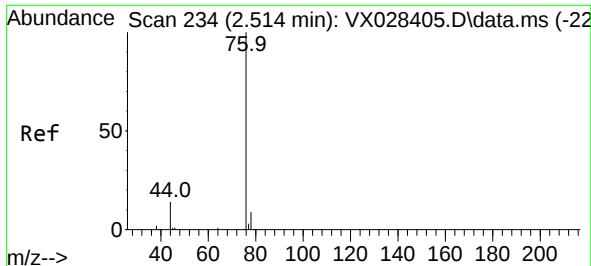
Tgt Ion: 56 Resp: 283
Ion Ratio Lower Upper
56 100
55 302.1 56.4 84.6#



#15
Acetone
Concen: 0.799 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

Tgt Ion: 58 Resp: 340
Ion Ratio Lower Upper
58 100
43 256.1 250.2 375.2

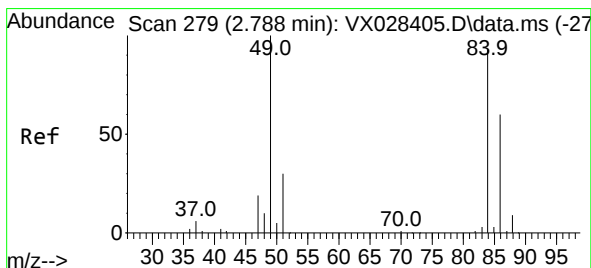
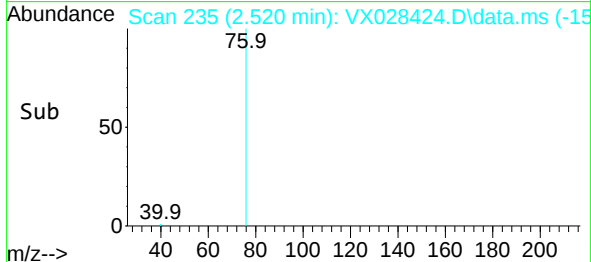
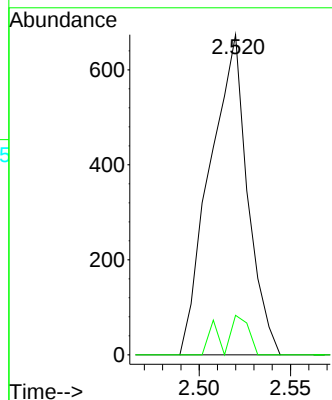
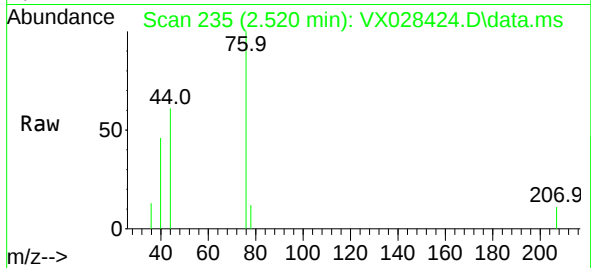




#16
Carbon Disulfide
Concen: 0.397 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

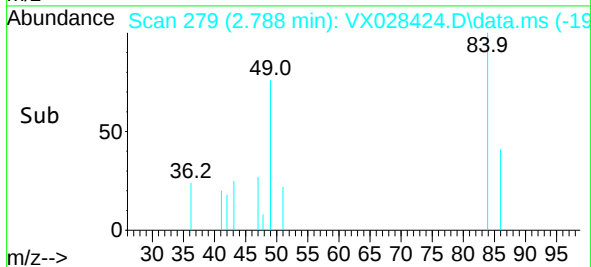
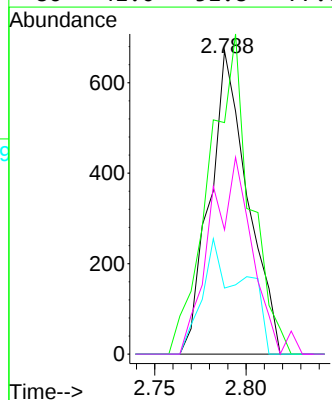
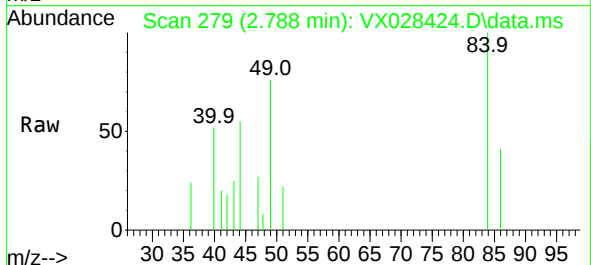
Instrument :
MSVOA_X
ClientSampleId :
STORM-WATER-042622

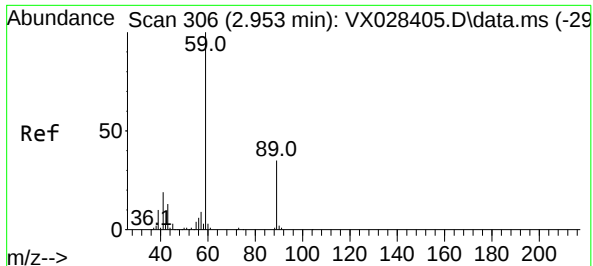
Tgt Ion: 76 Resp: 969
Ion Ratio Lower Upper
76 100
78 12.3 7.1 10.7#



#18
Methylene Chloride
Concen: 0.364 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

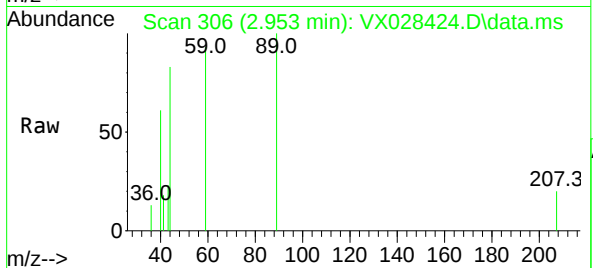
Tgt Ion: 84 Resp: 965
Ion Ratio Lower Upper
84 100
49 68.0 94.2 141.2#
51 21.8 29.2 43.8#
86 41.0 51.8 77.6#



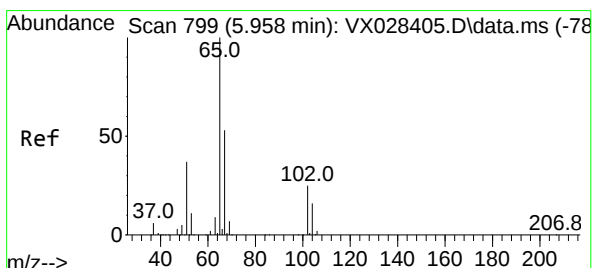
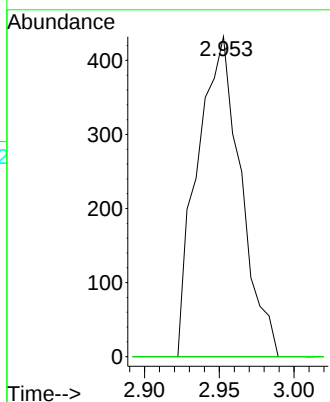
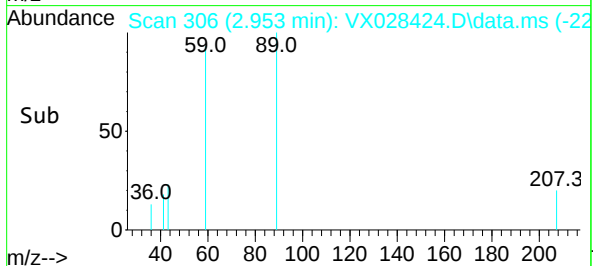


#23
tert-Butyl Alcohol
Concen: 1.073 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

Instrument :
MSVOA_X
ClientSampleId :
STORM-WATER-042622

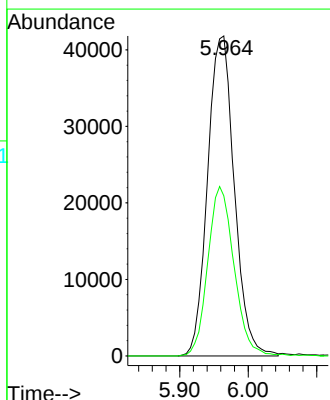
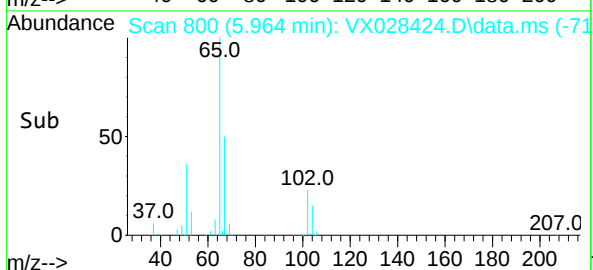
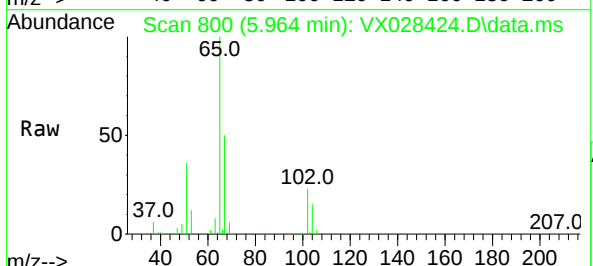


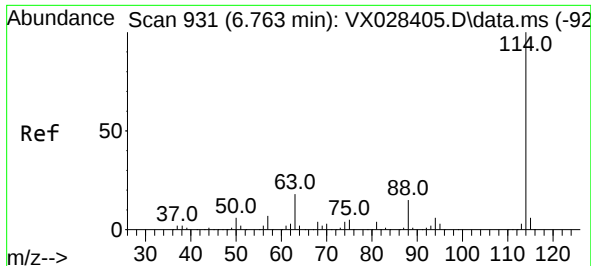
Tgt Ion: 59 Resp: 870
Ion Ratio Lower Upper
59 100
52 20.8 0.0 0.0#



#27
1,2-Dichloroethane-d4
Concen: 32.483 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

Tgt Ion: 65 Resp: 113213
Ion Ratio Lower Upper
65 100
67 51.9 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX028424.D

Acq: 29 Apr 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

STORM-WATER-042622

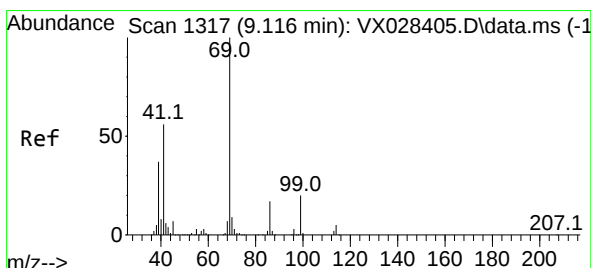
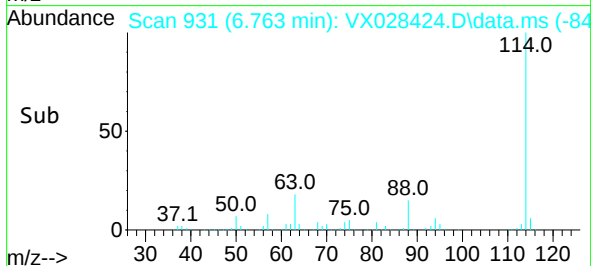
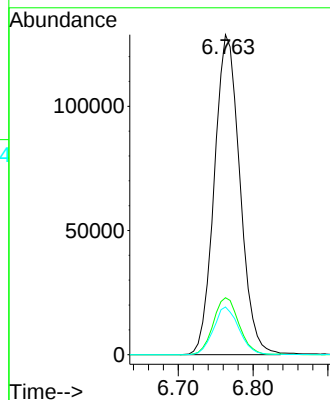
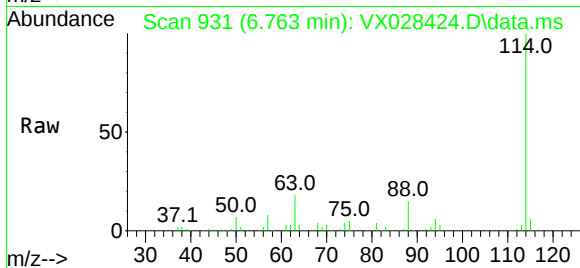
Tgt Ion:114 Resp: 306785

Ion Ratio Lower Upper

114 100

63 17.9 15.3 22.9

88 14.8 12.2 18.4



#51

Ethyl methacrylate

Concen: 0.275 ug/l

RT: 8.659 min Scan# 1242

Delta R.T. -0.457 min

Lab File: VX028424.D

Acq: 29 Apr 2022 15:25

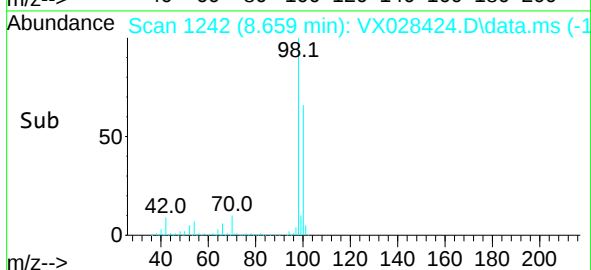
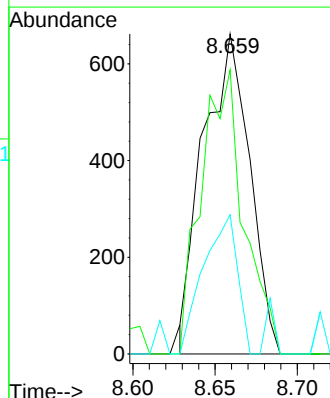
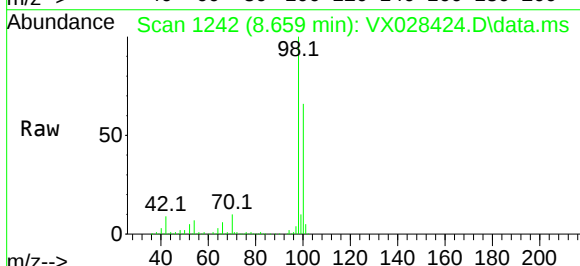
Tgt Ion: 69 Resp: 1299

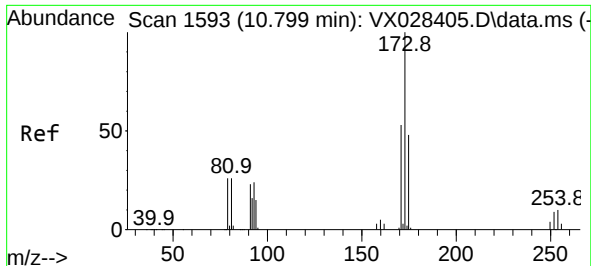
Ion Ratio Lower Upper

69 100

41 88.8 32.1 96.5

39 43.5 18.3 54.9

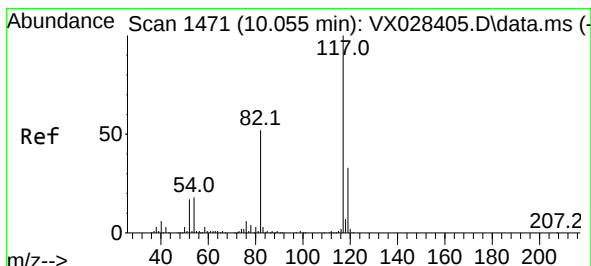
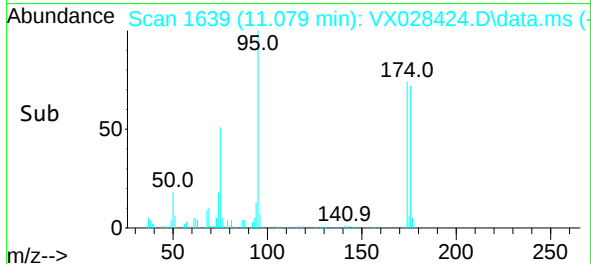
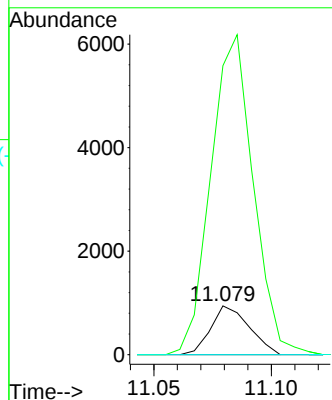
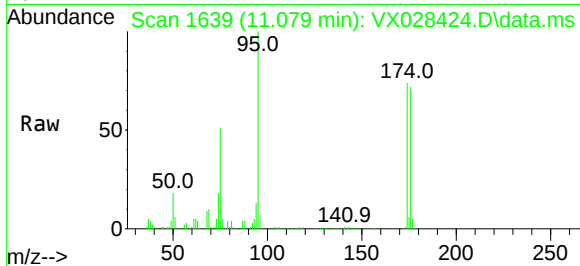




#56
Bromoform
Concen: 0.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.280 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

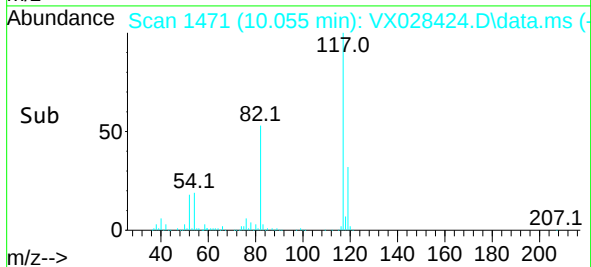
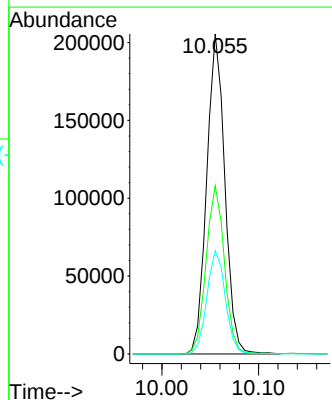
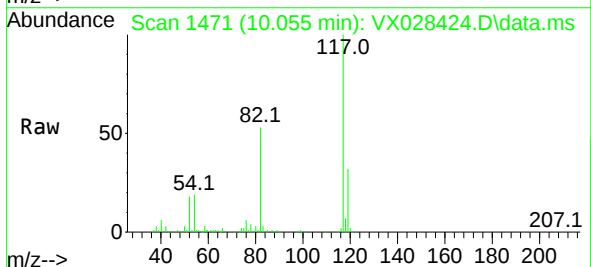
Instrument :
MSVOA_X
ClientSampleId :
STORM-WATER-042622

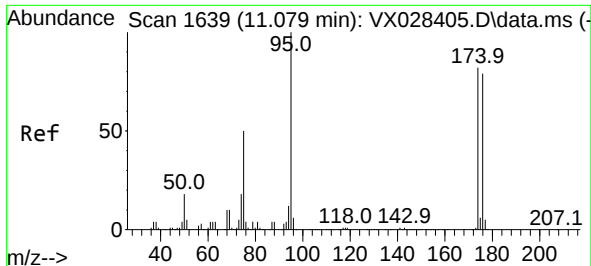
Tgt Ion:173 Resp: 1076
Ion Ratio Lower Upper
173 100
175 723.3 40.3 60.5#
254 0.0 7.4 11.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

Tgt Ion:117 Resp: 268331
Ion Ratio Lower Upper
117 100
82 53.4 42.3 63.5
119 33.0 26.2 39.2

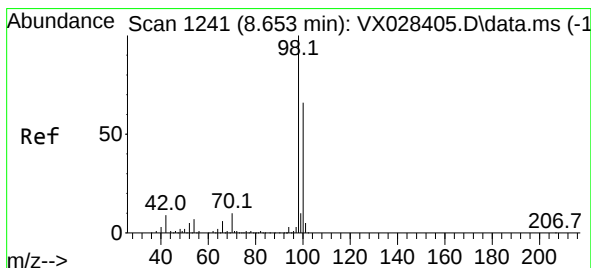
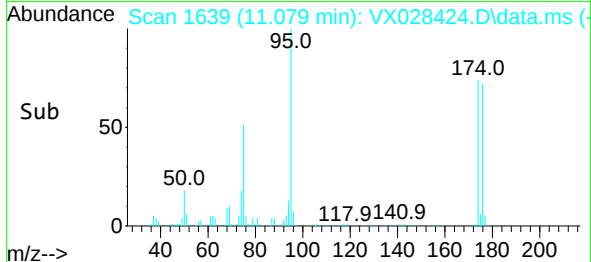
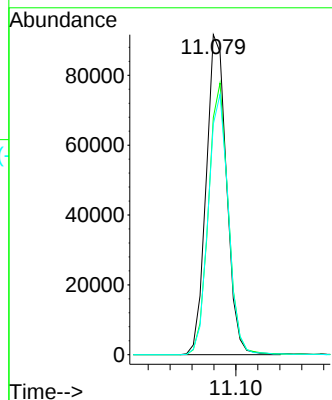
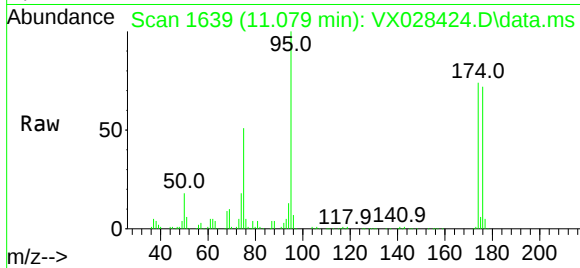




#60
4-Bromofluorobenzene
Concen: 28.285 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

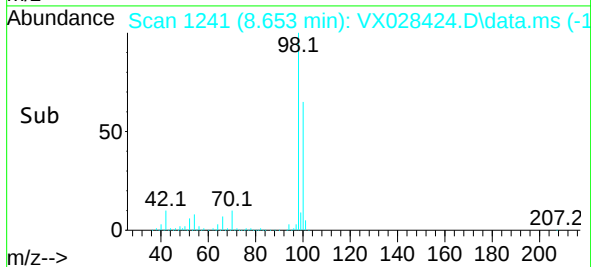
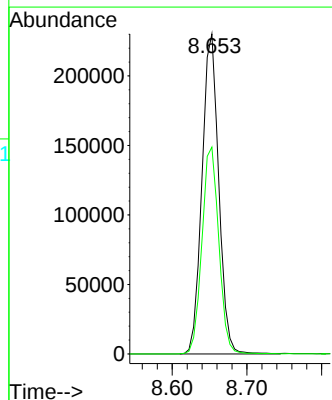
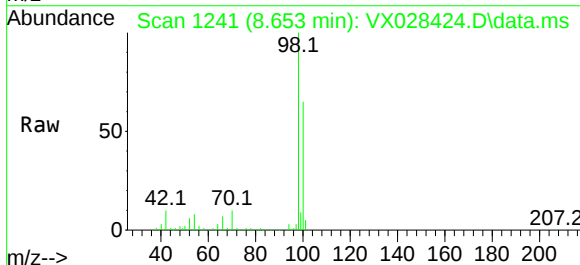
Instrument :
MSVOA_X
ClientSampleId :
STORM-WATER-042622

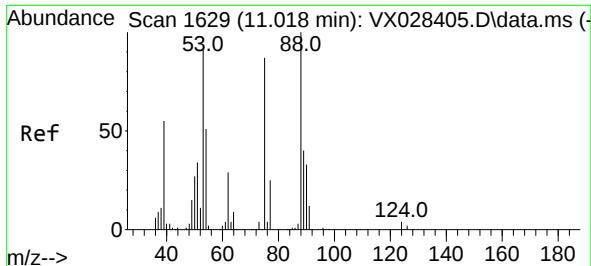
Tgt Ion: 95 Resp: 118033
Ion Ratio Lower Upper
95 100
174 82.5 65.4 98.2
176 80.5 63.4 95.0



#63
Toluene-d8
Concen: 31.465 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX028424.D
Acq: 29 Apr 2022 15:25

Tgt Ion: 98 Resp: 357672
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.2





#77

t-1,4-Dichloro-2-butene

Concen: 44.927 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX028424.D

Acq: 29 Apr 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

STORM-WATER-042622

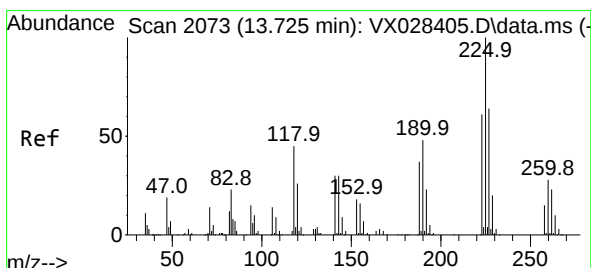
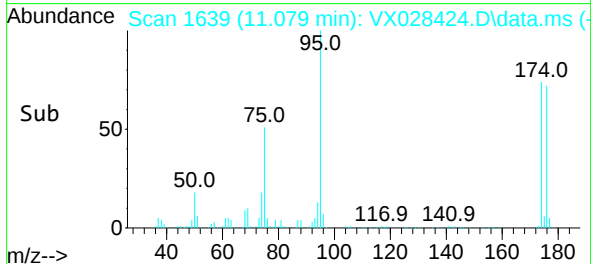
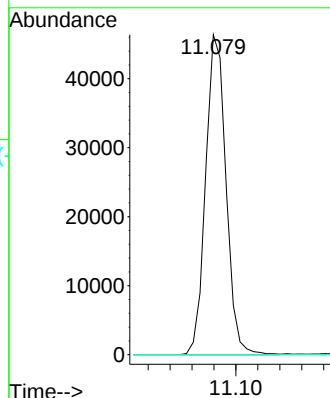
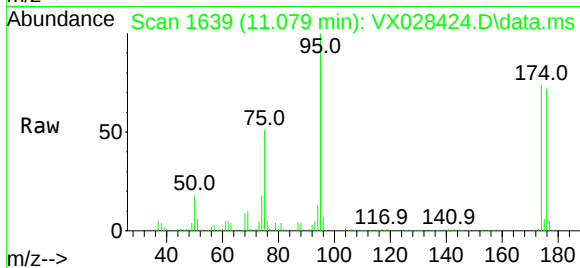
Tgt Ion: 75 Resp: 59767

Ion Ratio Lower Upper

75 100

53 0.0 59.7 179.1#

89 0.0 23.1 69.2#



#90

Hexachlorobutadiene

Concen: 0.381 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028424.D

Acq: 29 Apr 2022 15:25

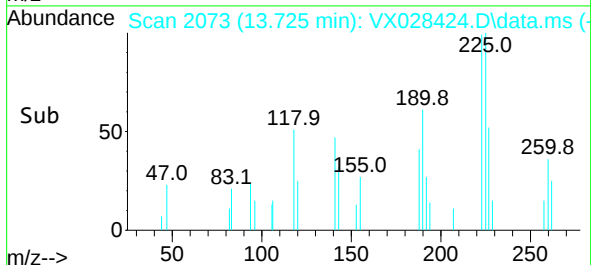
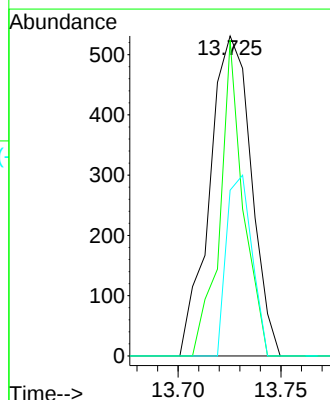
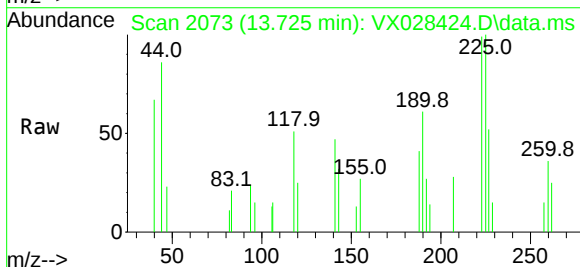
Tgt Ion: 225 Resp: 747

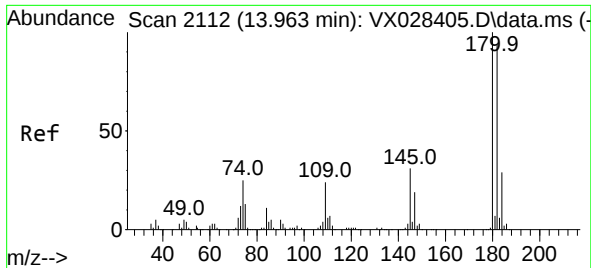
Ion Ratio Lower Upper

225 100

223 55.3 0.0 126.0

227 34.7 0.0 125.0





#92

1,2,3-Trichlorobenzene

Concen: 0.203 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX028424.D

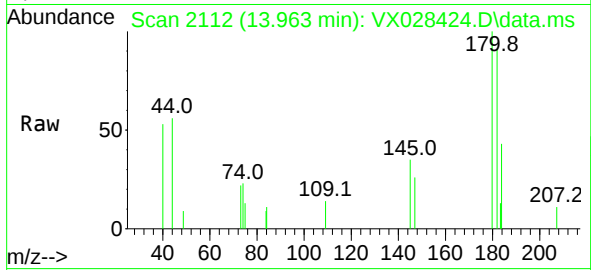
Acq: 29 Apr 2022 15:25

Instrument :

MSVOA_X

ClientSampleId :

STORM-WATER-042622



Tgt Ion:180 Resp: 940

Ion Ratio Lower Upper

180 100

182 93.9 0.0 189.4

145 28.5 0.0 67.2

