

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028420.D
 Acq On : 29 Apr 2022 13:52
 Operator : JC/MD
 Sample : N2550-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PUMP-STATION-207ST-TRAIN-FACILITYRE

Quant Time: Apr 29 15:06:17 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)

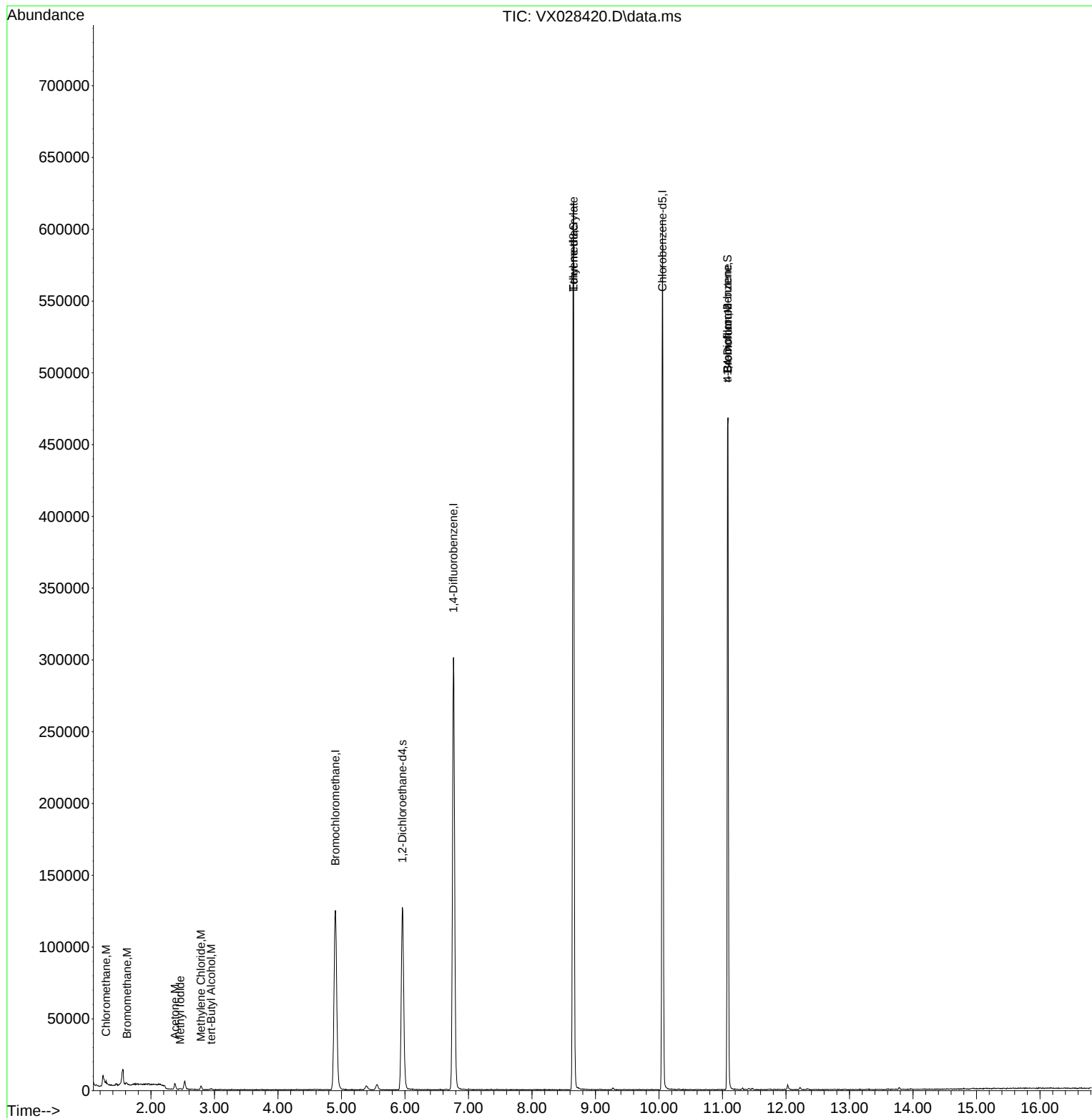
Internal Standards						
1) Bromochloromethane	4.904	128	57254	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	319426	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	281473	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	122632	33.680	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.267%#
60) 4-Bromofluorobenzene	11.079	95	123296	28.167	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.900%
63) Toluene-d8	8.653	98	376509	31.576	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.267%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	551	0.345	ug/l	98
5) Bromomethane	1.624	94	909	0.543	ug/l #	76
11) Methyl Iodide	2.459	142	888	0.306	ug/l #	88
15) Acetone	2.380	58	1281	2.883	ug/l	99
18) Methylene Chloride	2.788	84	1119	0.403	ug/l #	75
23) tert-Butyl Alcohol	2.947	59	345	0.407	ug/l #	100
51) Ethyl methacrylate	8.653	69	1276	0.260	ug/l	83
56) Bromoform	11.086	173	1174	0.434	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	62893	45.069	ug/l #	3

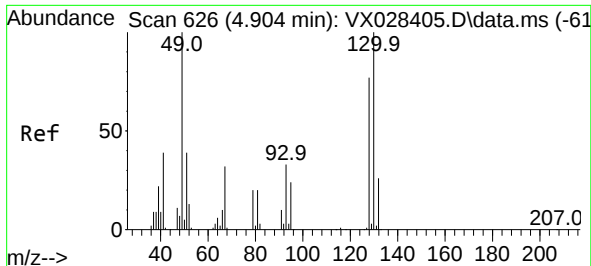
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
PUMP-STATION-207ST-TRAIN-FACILITYRE

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 29 06:09:36 2022
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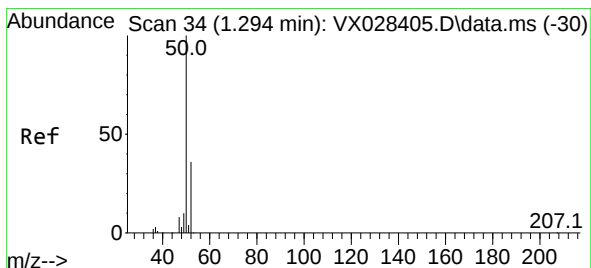
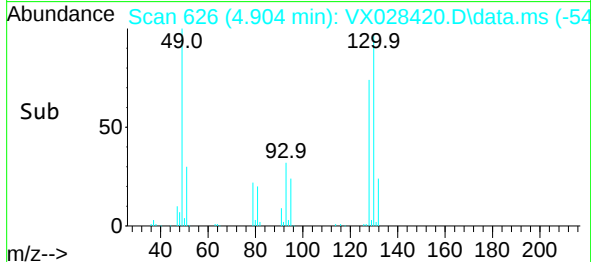
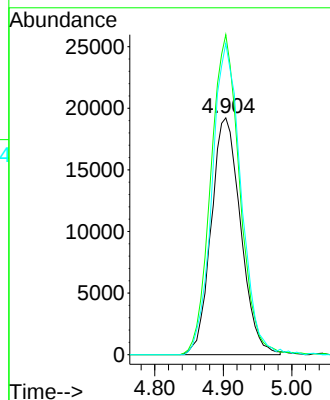
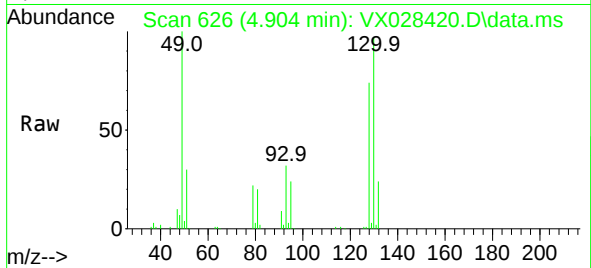




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

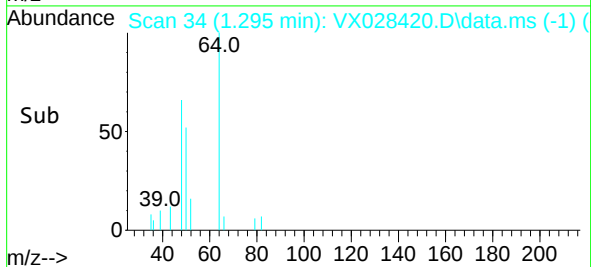
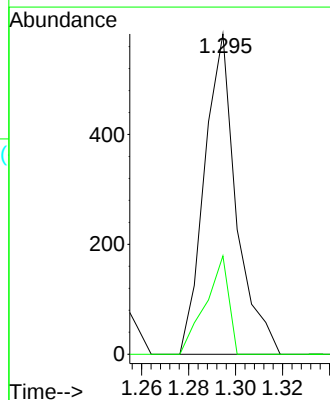
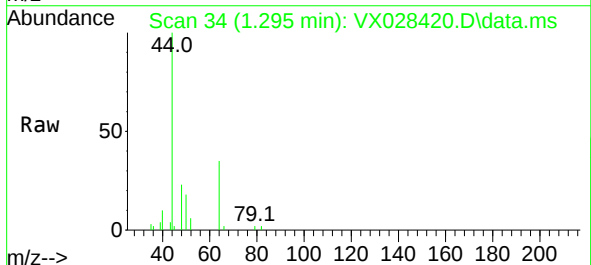
Instrument : MSVOA_X
ClientSampleId : PUMP-STATION-207ST-TRAIN-FACILITYRE

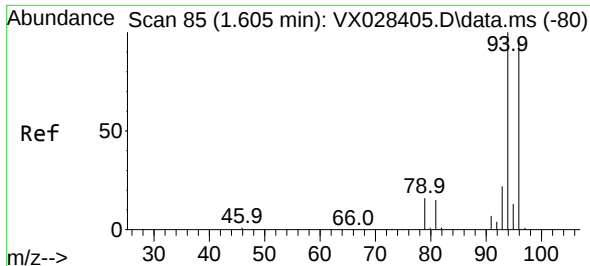
Tgt Ion:128 Resp: 57254
Ion Ratio Lower Upper
128 100
49 133.1 0.0 358.3
130 129.0 0.0 319.3



#3
Chloromethane
Concen: 0.345 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

Tgt Ion: 50 Resp: 551
Ion Ratio Lower Upper
50 100
52 30.7 25.6 38.4

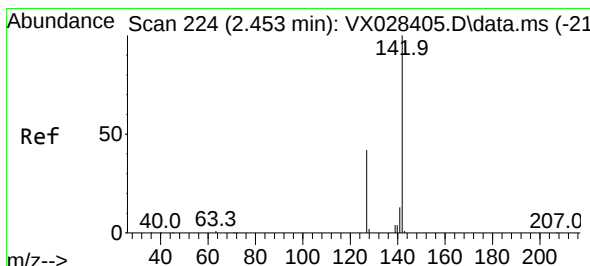
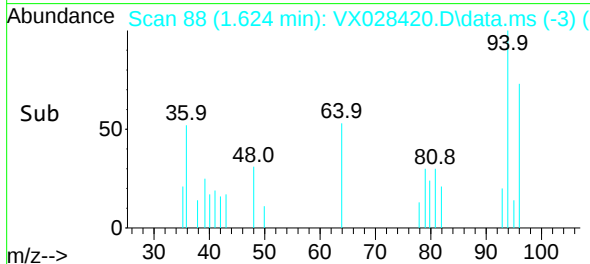
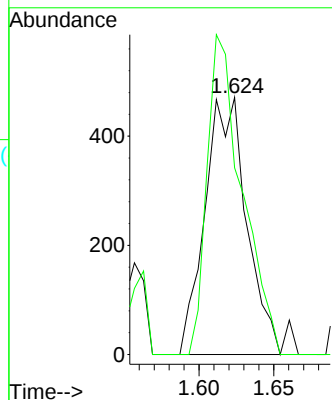
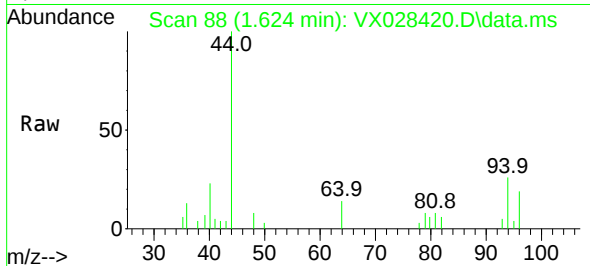




#5
Bromomethane
Concen: 0.543 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

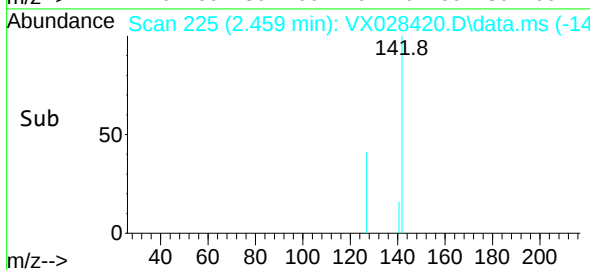
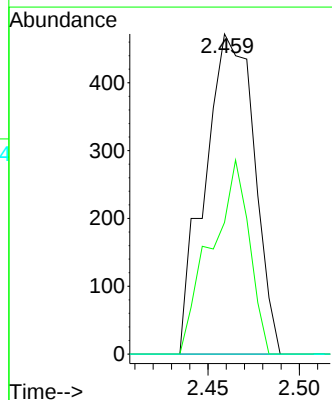
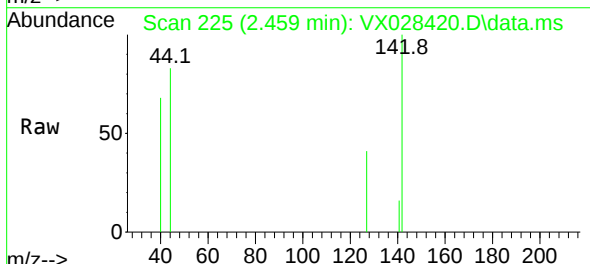
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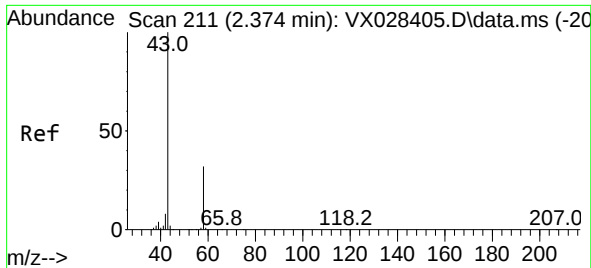
Tgt Ion: 94 Resp: 909
Ion Ratio Lower Upper
94 100
96 72.6 77.0 115.6#



#11
Methyl Iodide
Concen: 0.306 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

Tgt Ion: 142 Resp: 888
Ion Ratio Lower Upper
142 100
127 41.1 22.3 66.9
141 0.0 7.0 20.9#

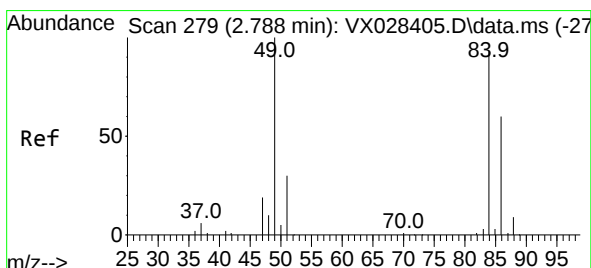
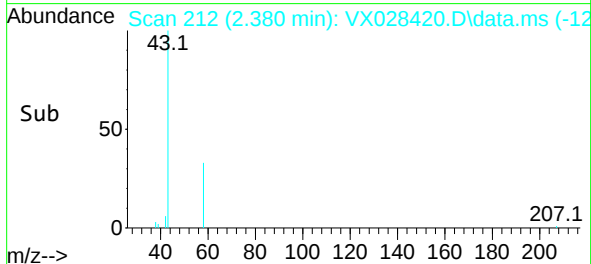
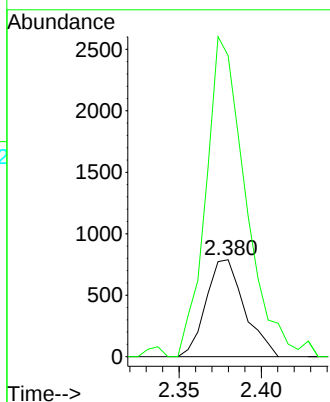
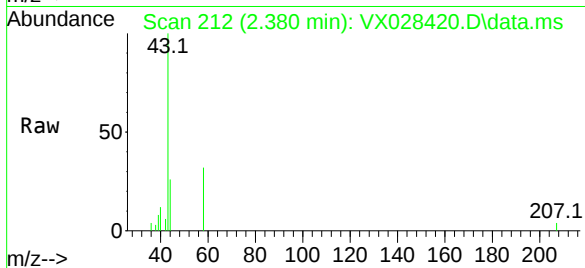




#15
Acetone
Concen: 2.883 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

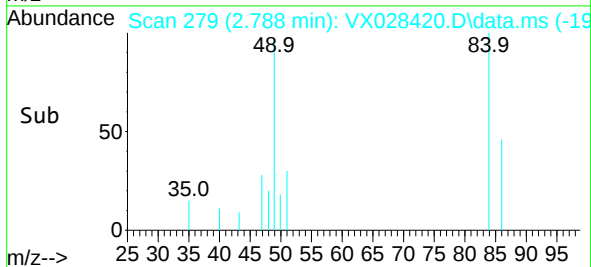
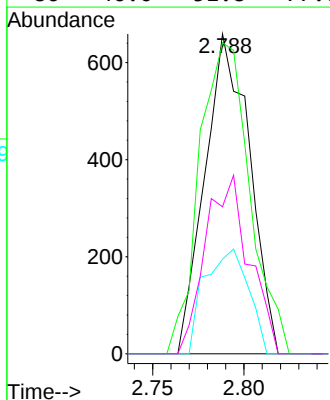
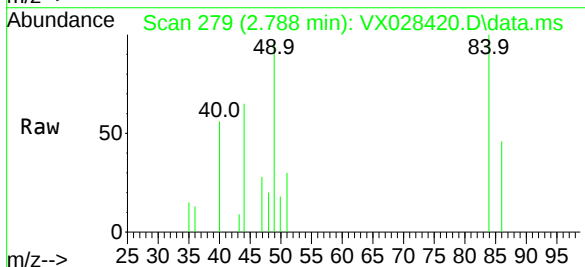
Instrument :
MSVOA_X
ClientSampleId :
PUMP-STATION-207ST-TRAIN-FACILITYRE

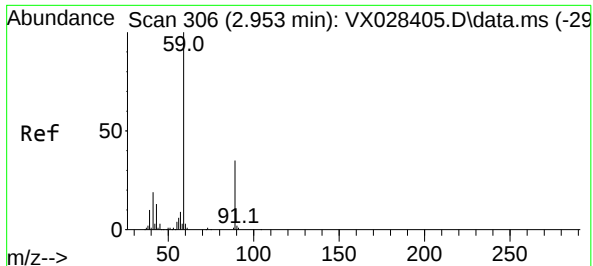
Tgt Ion: 58 Resp: 1281
Ion Ratio Lower Upper
58 100
43 310.5 250.2 375.2



#18
Methylene Chloride
Concen: 0.403 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

Tgt Ion: 84 Resp: 1119
Ion Ratio Lower Upper
84 100
49 85.6 94.2 141.2#
51 29.6 29.2 43.8
86 46.0 51.8 77.6#

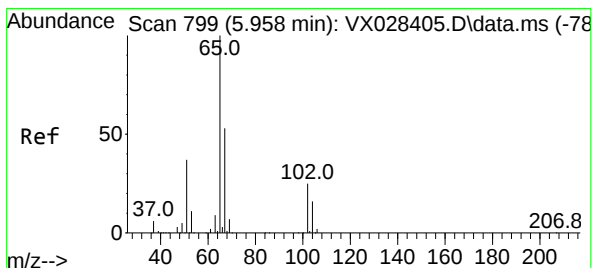
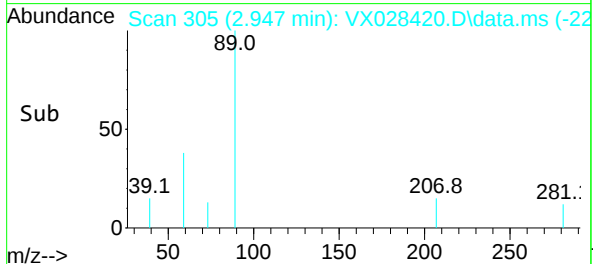
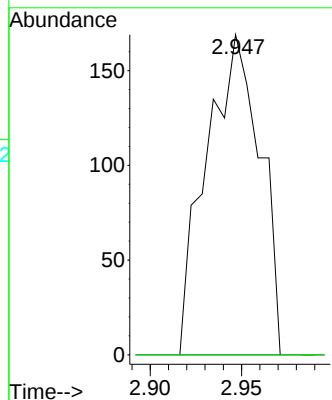
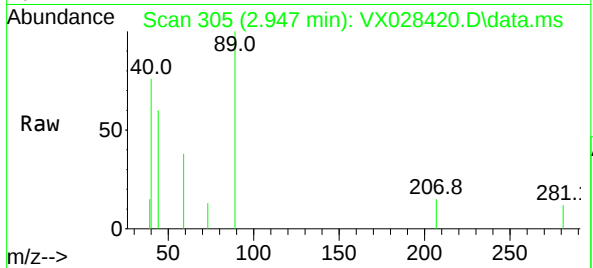




#23
tert-Butyl Alcohol
Concen: 0.407 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

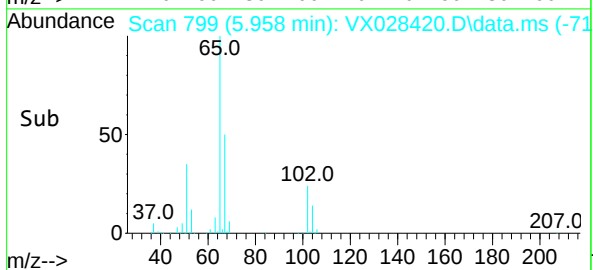
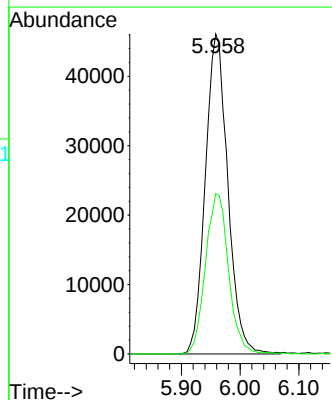
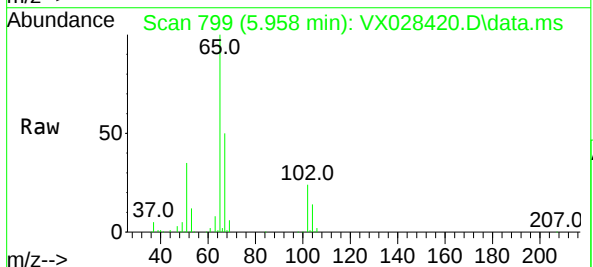
Instrument : MSVOA_X
ClientSampleId : PUMP-STATION-207ST-TRAIN-FACILITYRE

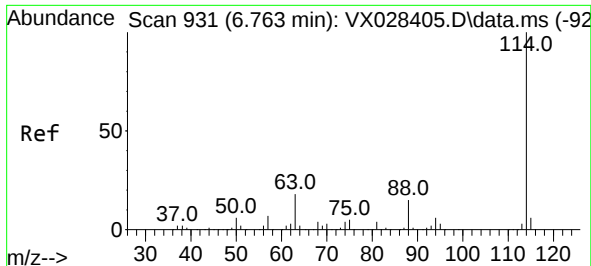
Tgt Ion: 59 Resp: 345
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 33.680 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

Tgt Ion: 65 Resp: 122632
Ion Ratio Lower Upper
65 100
67 51.1 42.3 63.5

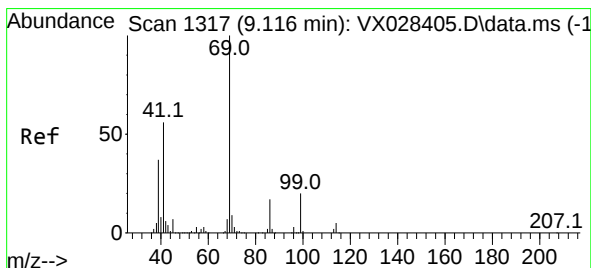
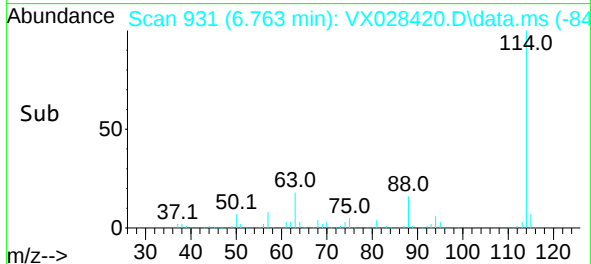
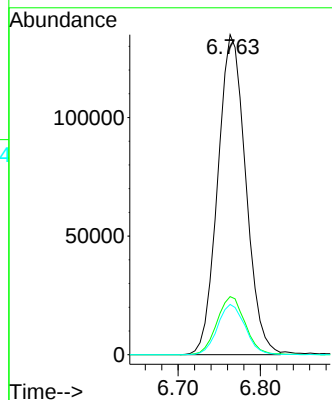
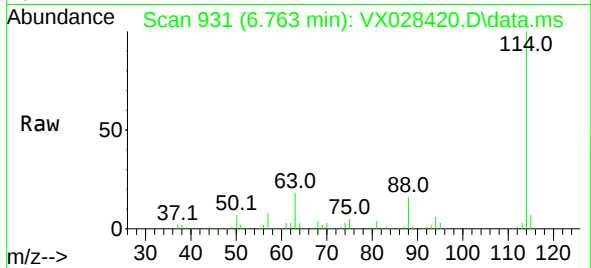




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

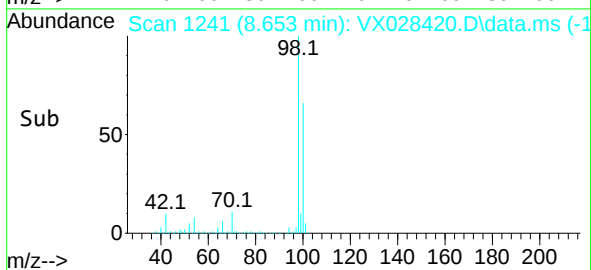
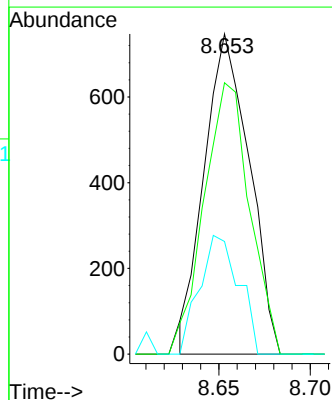
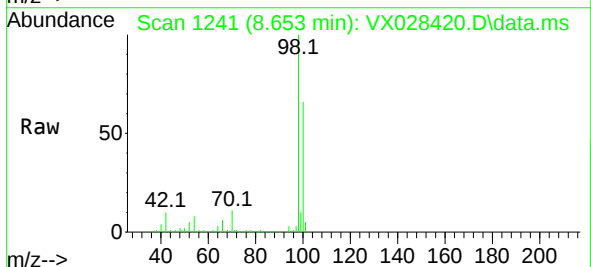
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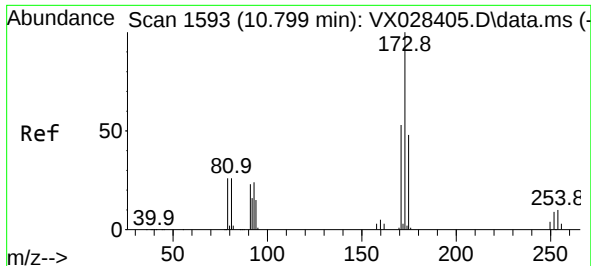
Tgt Ion:114 Resp: 319426
Ion Ratio Lower Upper
114 100
63 18.2 15.3 22.9
88 15.4 12.2 18.4



#51
Ethyl methacrylate
Concen: 0.260 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.463 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

Tgt Ion: 69 Resp: 1276
Ion Ratio Lower Upper
69 100
41 84.7 32.1 96.5
39 35.2 18.3 54.9

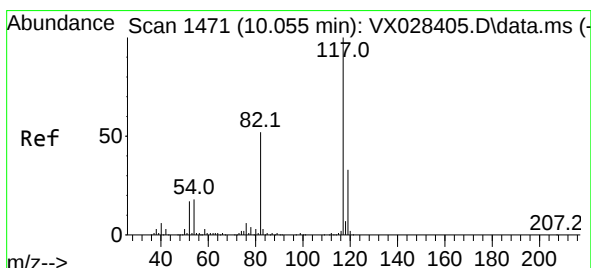
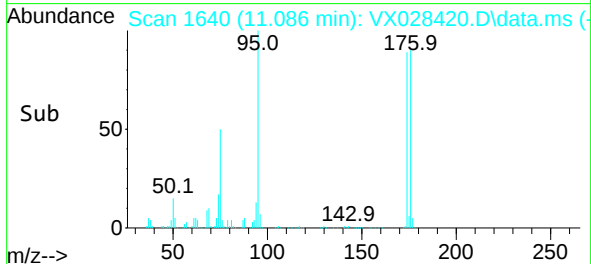
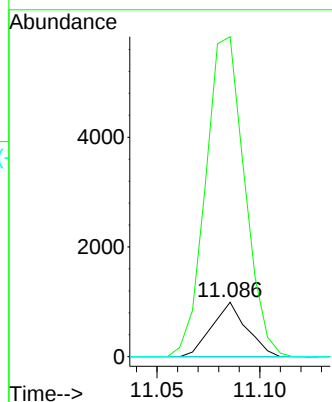
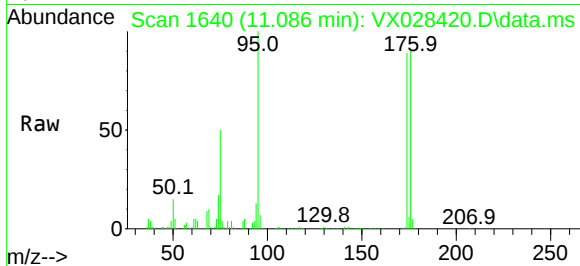




#56
Bromoform
Concen: 0.434 ug/l
RT: 11.086 min Scan# 1174
Delta R.T. 0.287 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

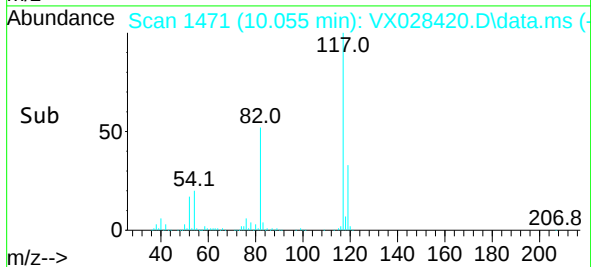
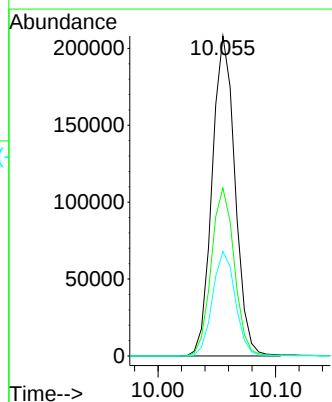
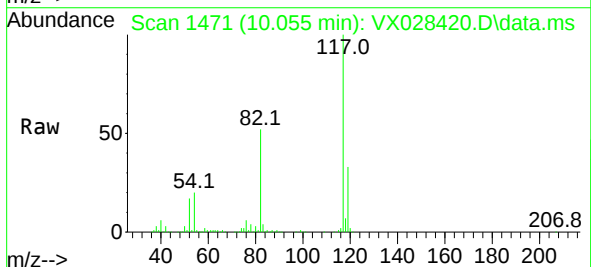
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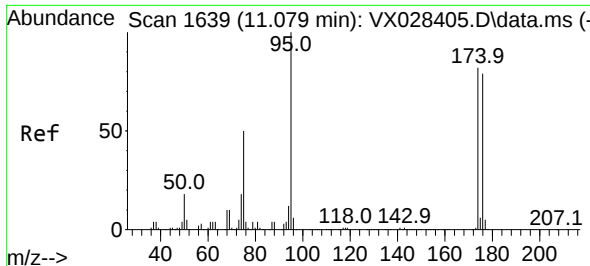
Tgt Ion	Ratio	Lower	Upper
173	100		
175	656.1	40.3	60.5#
254	0.0	7.4	11.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028420.D
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Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.3	63.5
119	32.6	26.2	39.2

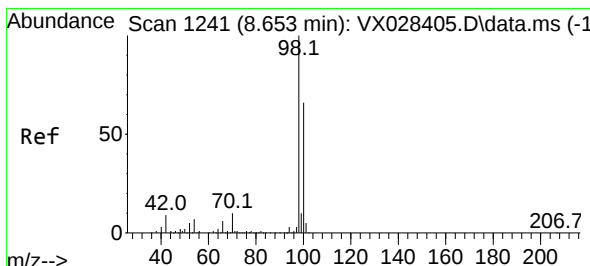
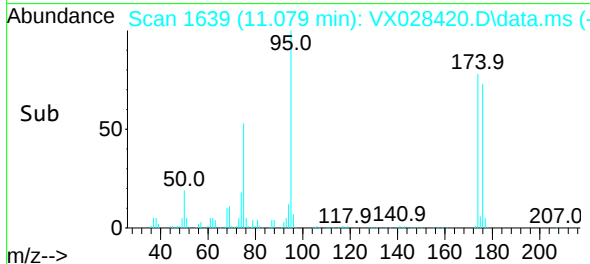
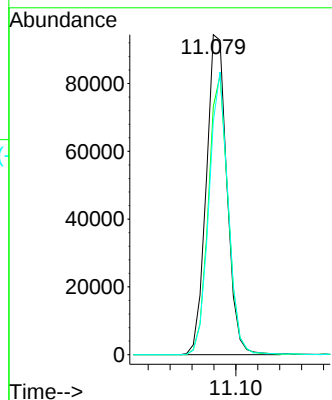
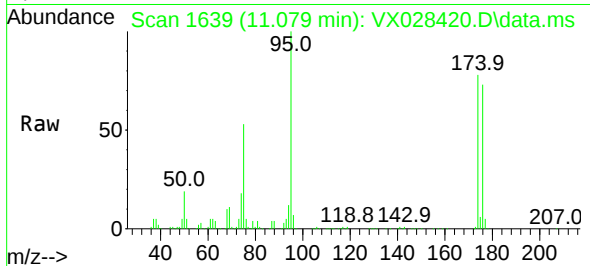




#60
4-Bromofluorobenzene
Concen: 28.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

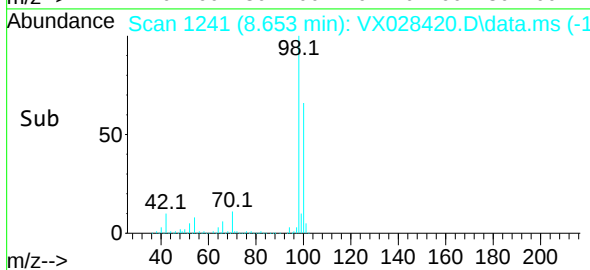
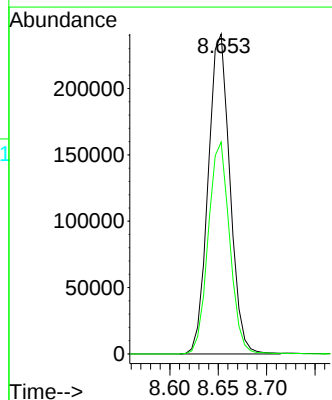
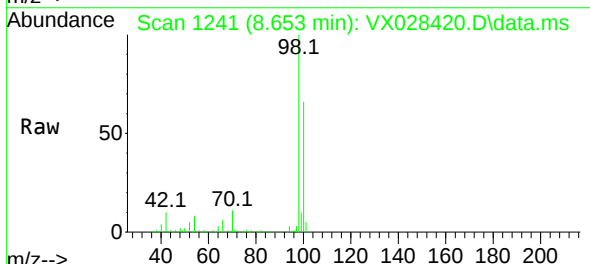
Instrument : MSVOA_X
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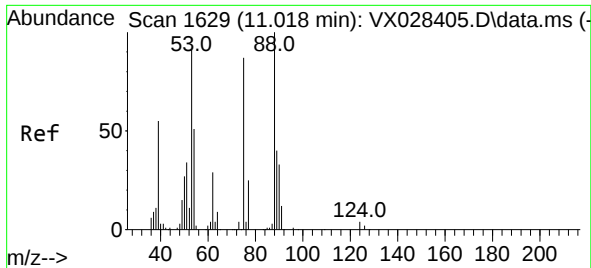
Tgt Ion: 95 Resp: 123296
Ion Ratio Lower Upper
95 100
174 83.4 65.4 98.2
176 82.1 63.4 95.0



#63
Toluene-d8
Concen: 31.576 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

Tgt Ion: 98 Resp: 376509
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.2





#77
t-1,4-Dichloro-2-butene
Concen: 45.069 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX028420.D
Acq: 29 Apr 2022 13:52

Instrument :
MSVOA_X
ClientSampleId :
PUMP-STATION-207ST-TRAIN-FACILITYRE

Tgt Ion: 75 Resp: 62893
Ion Ratio Lower Upper
75 100
53 0.0 59.7 179.1#
89 0.0 23.1 69.2#

