

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022521\
 Data File : VX020916.D
 Acq On : 25 Feb 2021 16:19
 Operator : JC/MD
 Sample : M1481-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-027-IDWGW-20210223

Quant Time: Feb 25 16:41:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 25 13:26:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.982	128	37746	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	212125	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	178079	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.035	65	80240	30.19	ug/l	0.01
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.63%
60) 4-Bromofluorobenzene	11.118	95	83484	28.34	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.47%
63) Toluene-d8	8.694	98	246067	30.35	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.17%

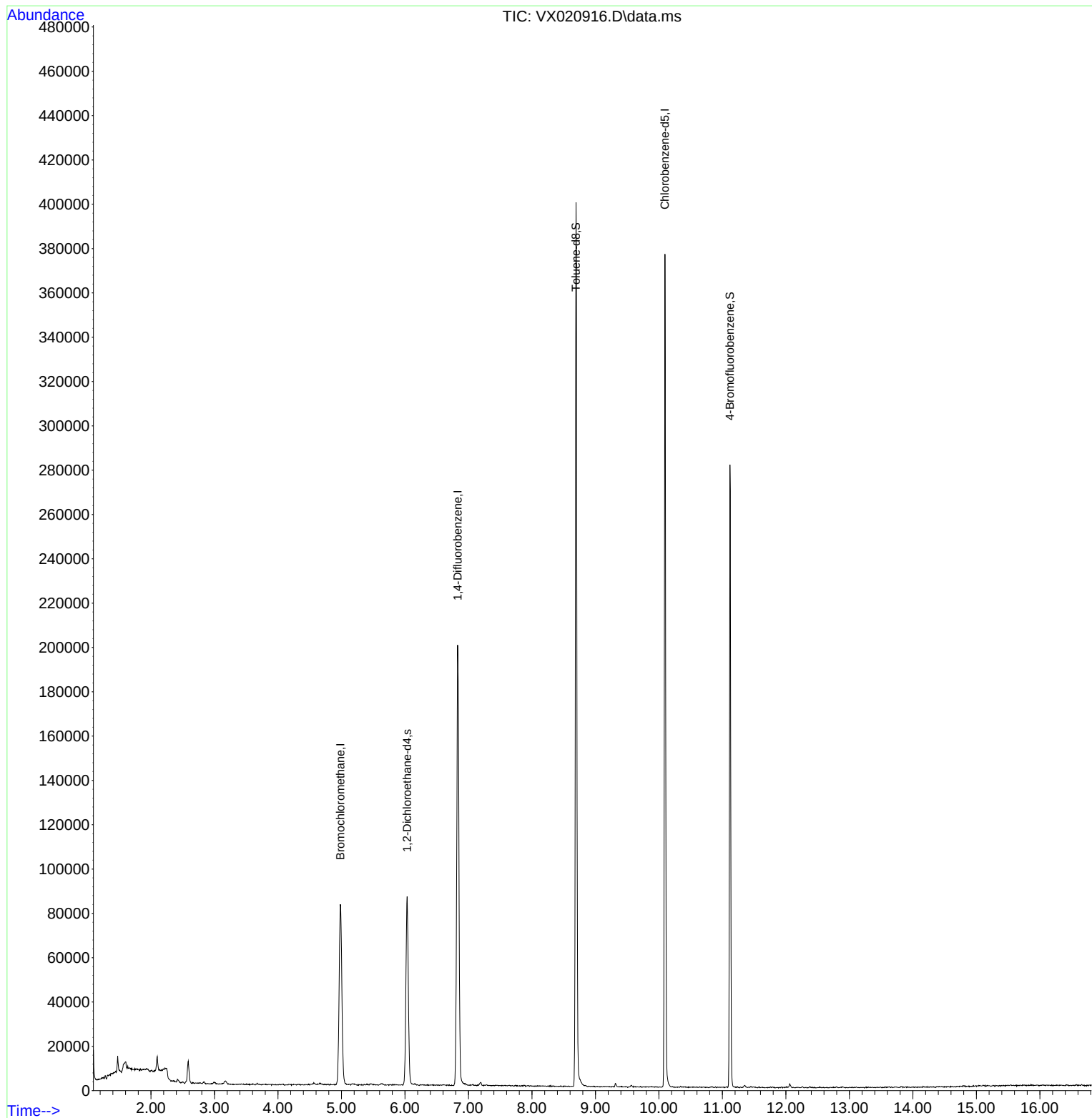
Target Compounds	Qvalue

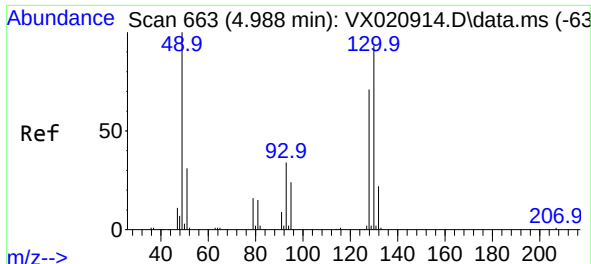
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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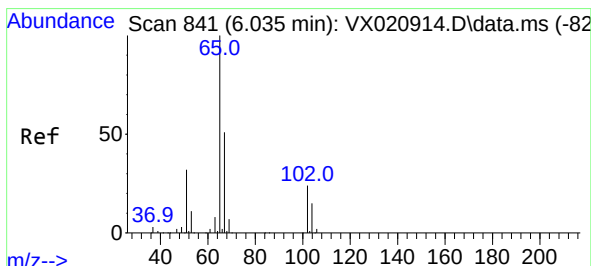
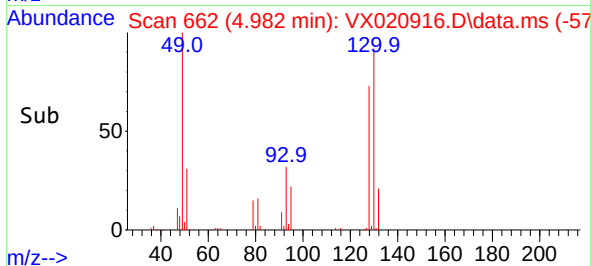
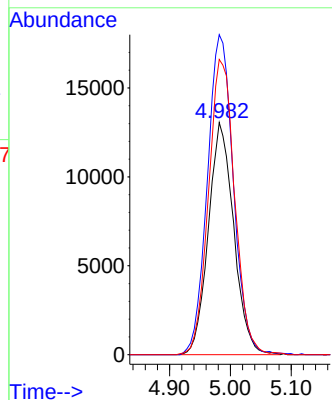
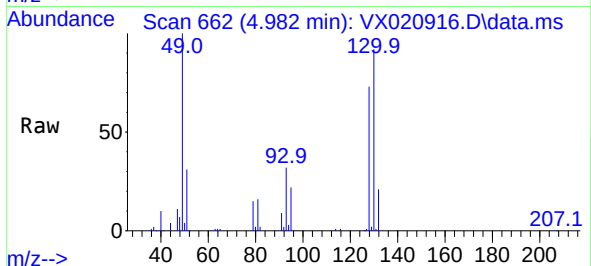




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.982 min Scan# 662
Delta R.T. 0.006 min
Lab File: VX020916.D
Acq: 25 Feb 2021 16:19

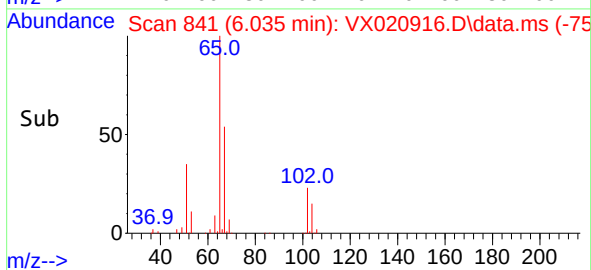
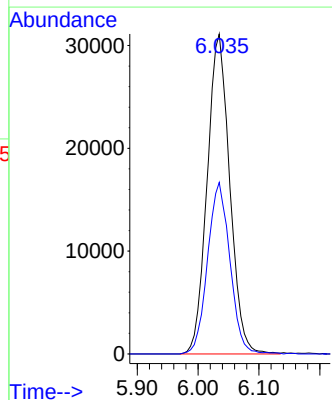
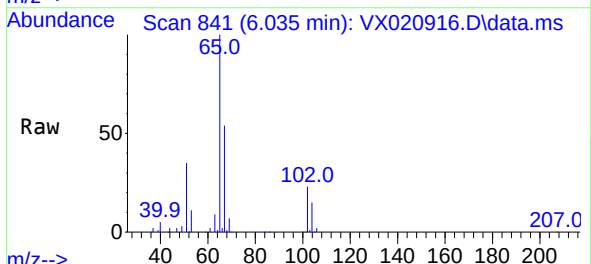
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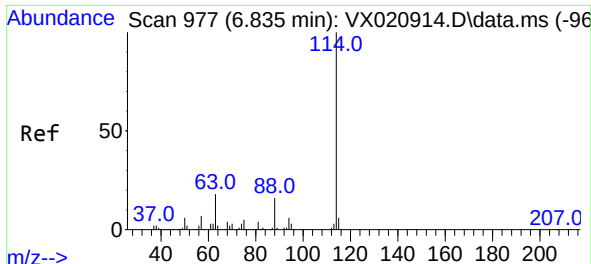
Tgt Ion:128 Resp: 37746
Ion Ratio Lower Upper
128 100
49 141.2 0.0 367.5
130 131.0 0.0 318.8



#27
1,2-Dichloroethane-d4
Concen: 30.19 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.012 min
Lab File: VX020916.D
Acq: 25 Feb 2021 16:19

Tgt Ion: 65 Resp: 80240
Ion Ratio Lower Upper
65 100
67 52.9 41.9 62.9

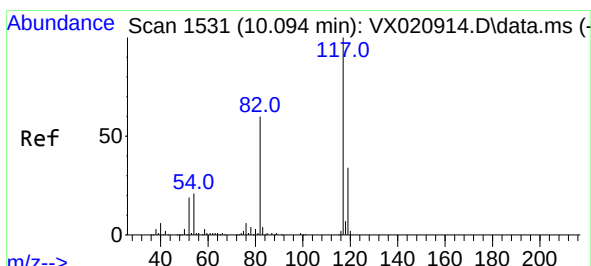
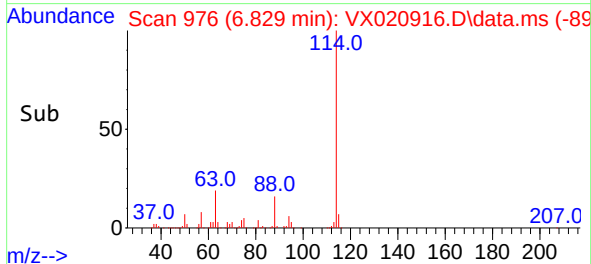
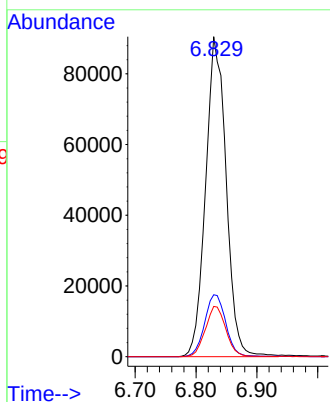
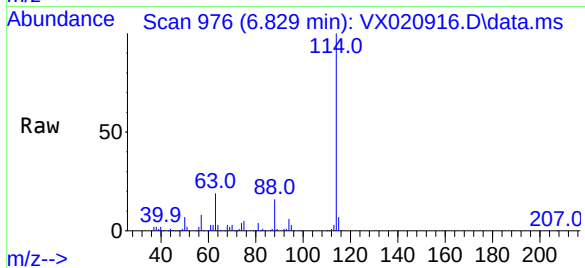




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020916.D
Acq: 25 Feb 2021 16:19

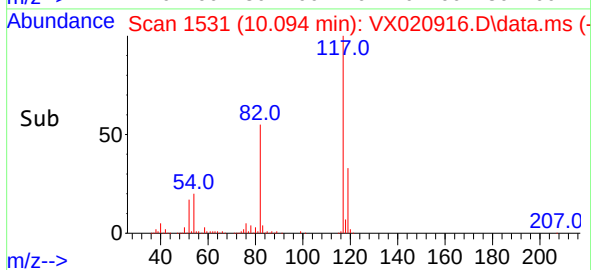
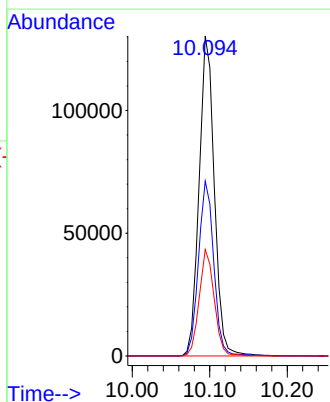
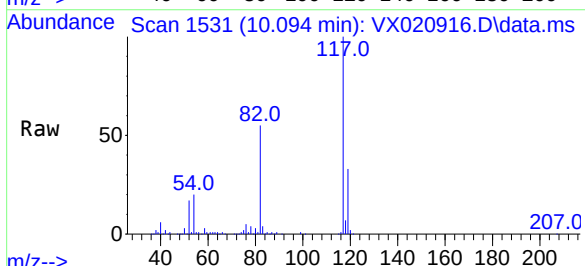
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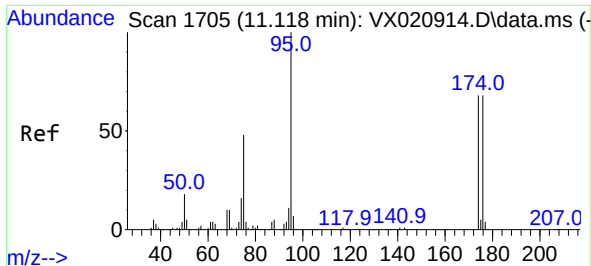
Tgt Ion:114 Resp: 212125
Ion Ratio Lower Upper
114 100
63 19.9 16.2 24.2
88 15.7 13.0 19.6



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020916.D
Acq: 25 Feb 2021 16:19

Tgt Ion:117 Resp: 178079
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.6
119 32.8 25.6 38.4

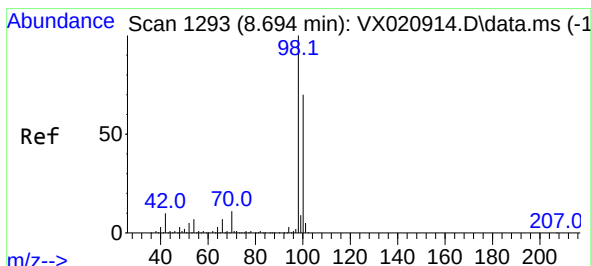
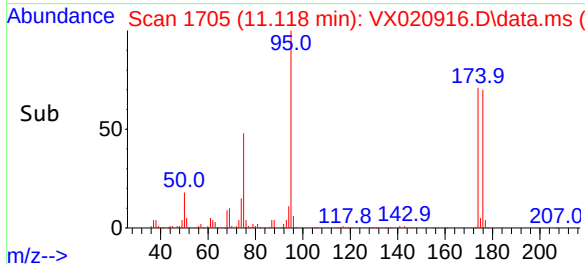
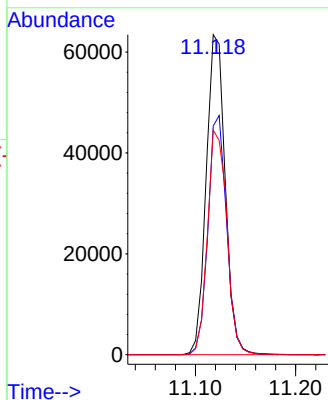
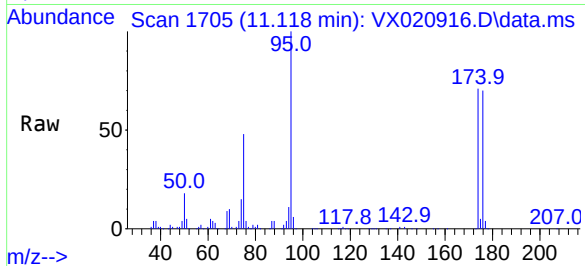




#60
4-Bromofluorobenzene
Concen: 28.34 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020916.D
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Tgt Ion:	95	Resp:	83484
Ion Ratio	Lower	Upper	
95	100		
174	73.3	63.0	94.4
176	71.6	59.9	89.9



#63
Toluene-d8
Concen: 30.35 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020916.D
Acq: 25 Feb 2021 16:19

Tgt Ion:	98	Resp:	246067
Ion Ratio	Lower	Upper	
98	100		
100	65.6	53.0	79.4

