

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021619.D
 Acq On : 30 Mar 2021 10:52
 Operator : JC/MD
 Sample : VX0330WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBL01

Quant Time: Mar 31 04:39:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032621W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 27 04:47:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.976	128	14950	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	78482	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	69400	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.023	65	40325	28.88	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.27%
60) 4-Bromofluorobenzene	11.118	95	33006	27.04	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.13%
63) Toluene-d8	8.694	98	93704	30.06	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.20%

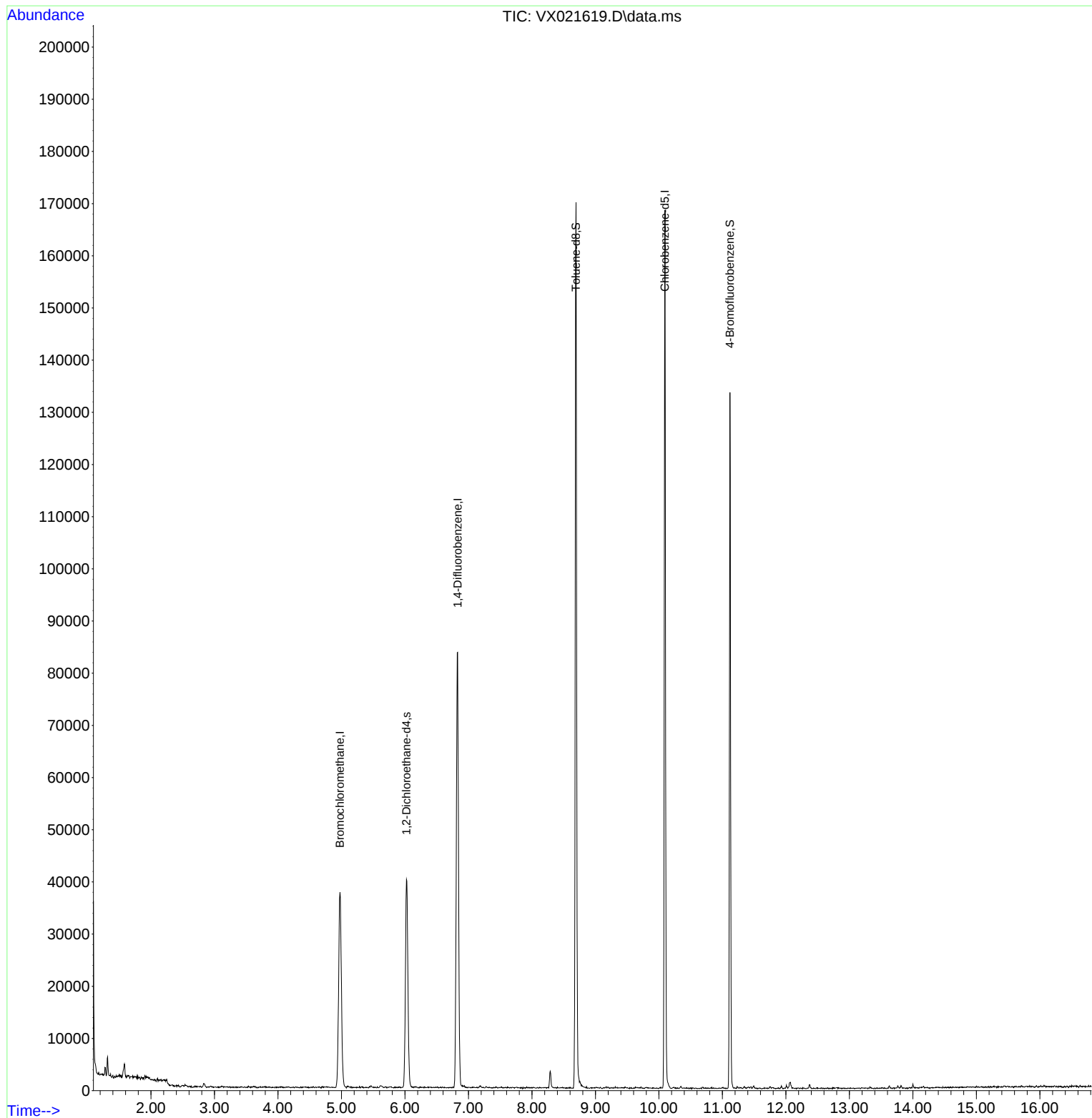
Target Compounds	Qvalue

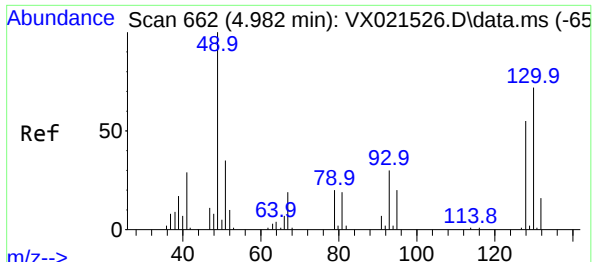
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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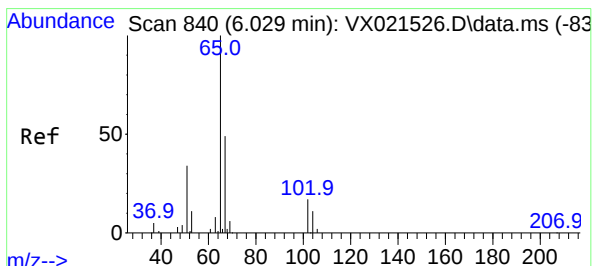
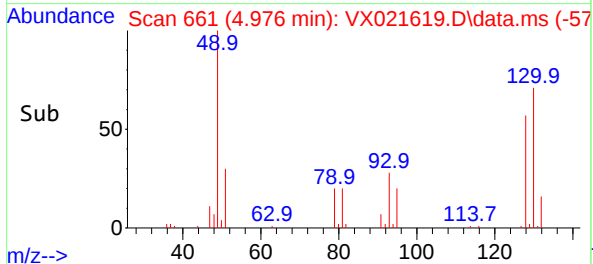
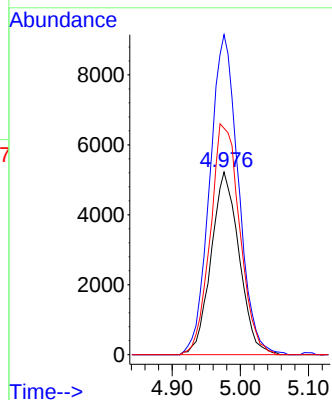
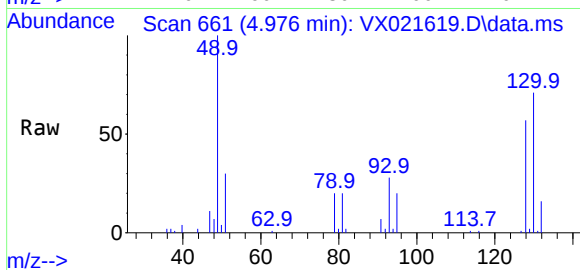




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.976 min Scan# 661
Delta R.T. -0.006 min
Lab File: VX021619.D
Acq: 30 Mar 2021 10:52

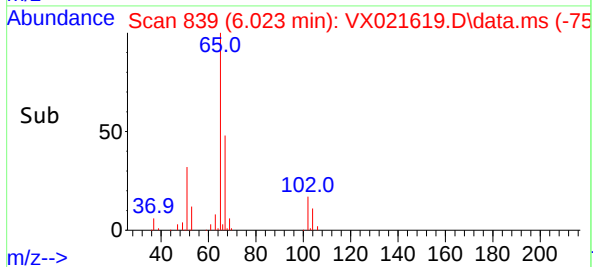
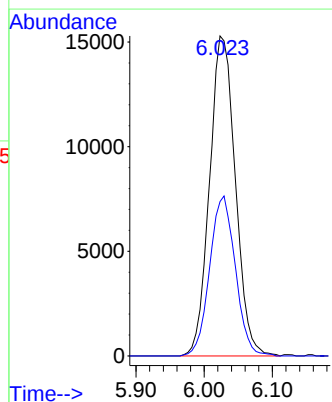
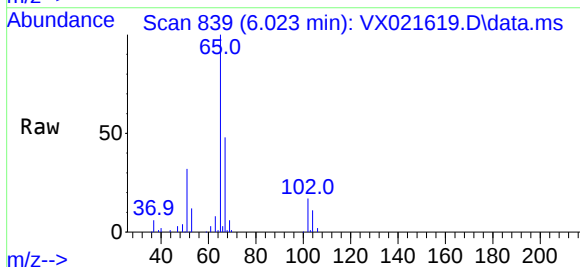
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBL01

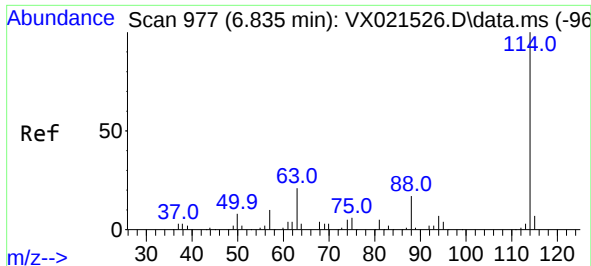
Tgt Ion:128 Resp: 14950
Ion Ratio Lower Upper
128 100
49 178.9 0.0 367.5
130 132.6 0.0 318.8



#27
1,2-Dichloroethane-d4
Concen: 28.88 ug/l
RT: 6.023 min Scan# 839
Delta R.T. -0.006 min
Lab File: VX021619.D
Acq: 30 Mar 2021 10:52

Tgt Ion: 65 Resp: 40325
Ion Ratio Lower Upper
65 100
67 49.7 41.9 62.9





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.829 min Scan# 976

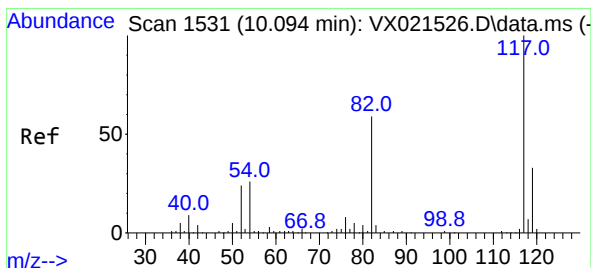
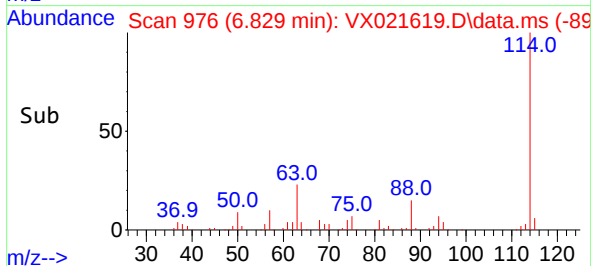
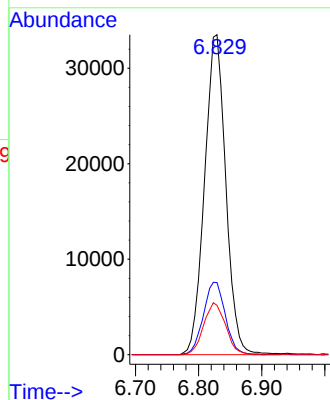
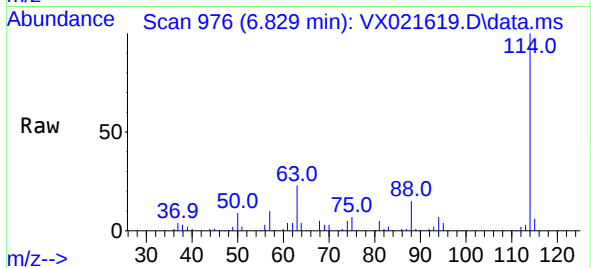
Delta R.T. -0.006 min

Lab File: VX021619.D

Acq: 30 Mar 2021 10:52

Tgt Ion:	114	Resp:	78482
Ion Ratio	Lower	Upper	
114	100		
63	23.3	16.2	24.2
88	16.7	13.0	19.6

Instrument :
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#57

Chlorobenzene-d5

Concen: 30.00 ug/l

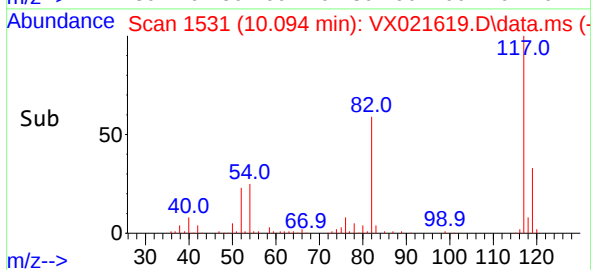
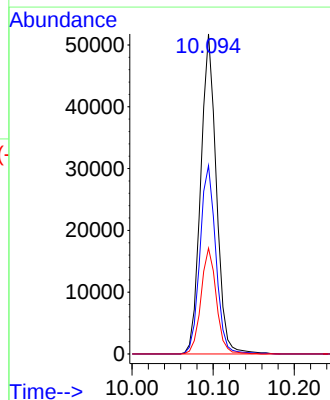
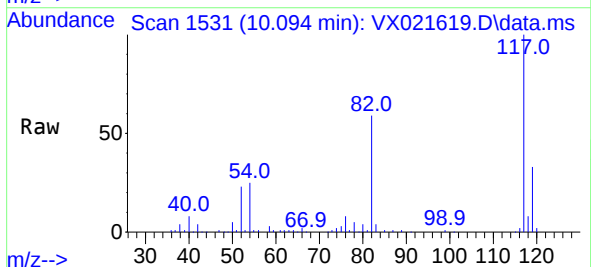
RT: 10.094 min Scan# 1531

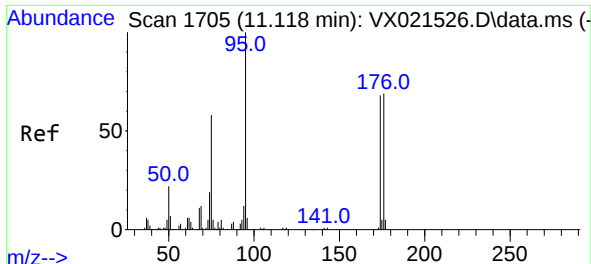
Delta R.T. 0.000 min

Lab File: VX021619.D

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Tgt Ion:	117	Resp:	69400
Ion Ratio	Lower	Upper	
117	100		
82	59.8	45.0	67.6
119	32.4	25.6	38.4

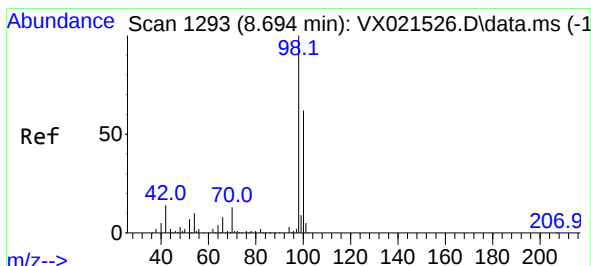
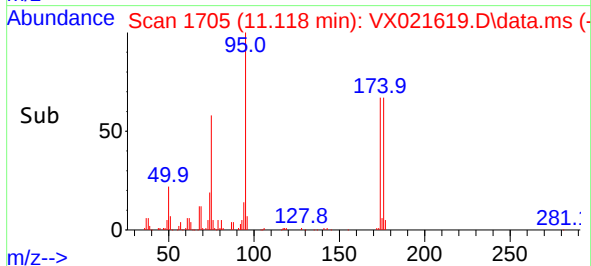
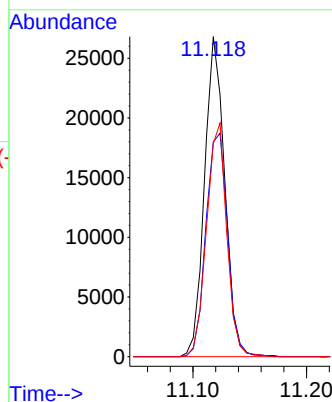
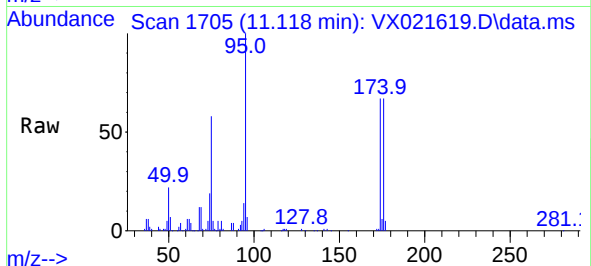




#60
4-Bromofluorobenzene
Concen: 27.04 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021619.D
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Tgt Ion:	95	Resp:	33006
Ion	Ratio	Lower	Upper
95	100		
174	75.6	63.0	94.4
176	73.2	59.9	89.9



#63
Toluene-d8
Concen: 30.06 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021619.D
Acq: 30 Mar 2021 10:52

Tgt Ion:	98	Resp:	93704
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

