

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022521\
 Data File : VX020914.D
 Acq On : 25 Feb 2021 15:35
 Operator : JC/MD
 Sample : M1481-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-025-IDWGW-20210223

Manual Integrations
 APPROVED

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Quant Time: Feb 25 16:10:15 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	4.988	128	36971m	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.835	114	208748	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	175167	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.035	65	80193	30.80	ug/l	0.01
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.67%	
60) 4-Bromofluorobenzene	11.118	95	81697	28.20	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 94.00%	
63) Toluene-d8	8.694	98	242026	30.34	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.13%	
Target Compounds						
3) Chloromethane	1.317	50	7207	3.24	ug/l	Qvalue 98

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

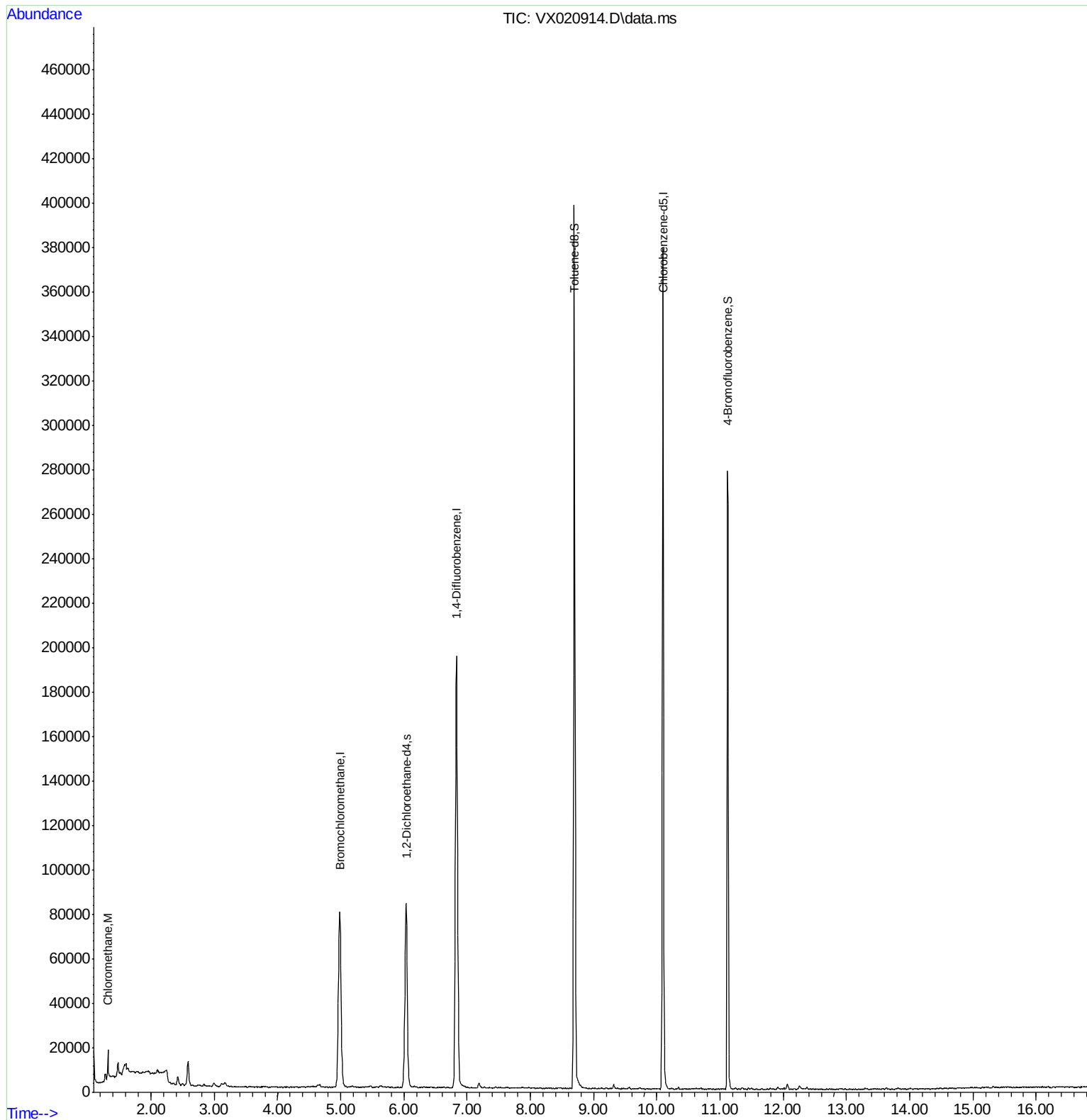
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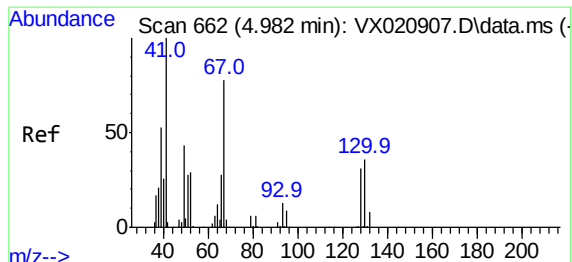
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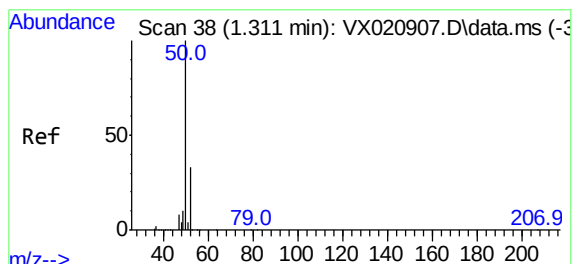
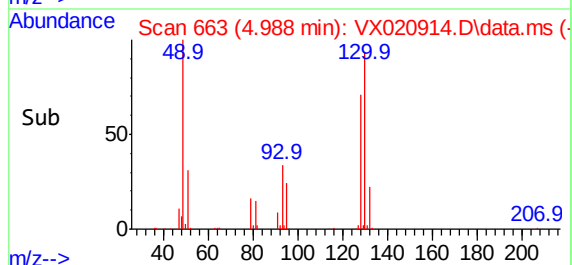
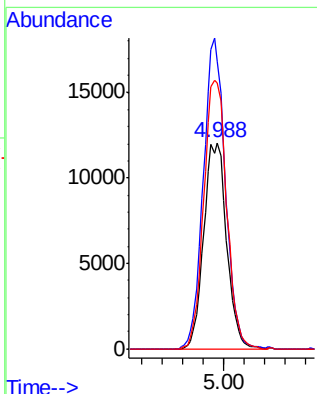
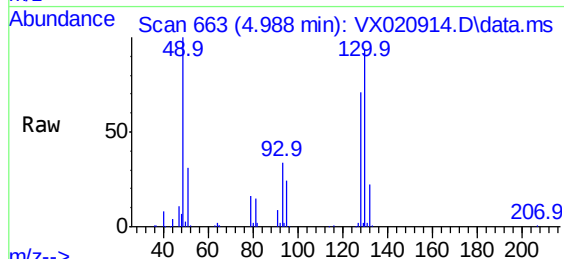
#1
Bromochloromethane
Concen: 30.00 ug/l m
RT: 4.988 min Scan# 663
Delta R.T. 0.012 min
Lab File: VX020914.D
Acq: 25 Feb 2021 15:35

Tgt Ion:128 Resp: 36971
Ion Ratio Lower Upper
128 100
49 145.0 0.0 367.5
130 130.9 0.0 318.8

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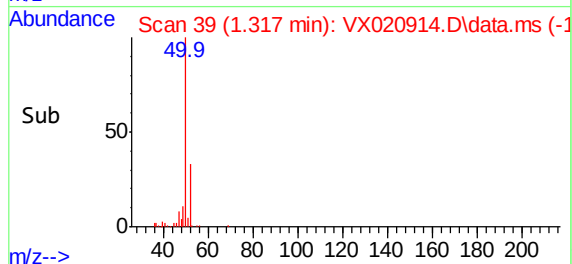
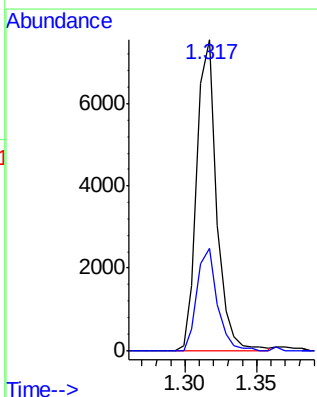
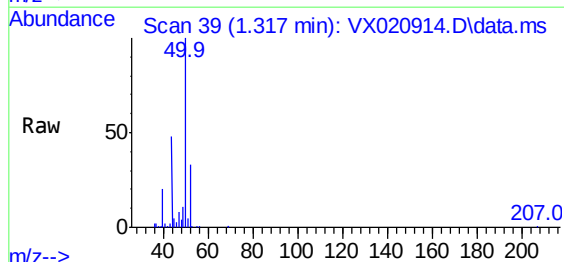
Manual Integrations
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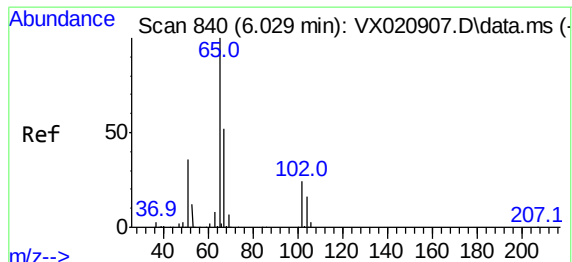
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#3
Chloromethane
Concen: 3.24 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX020914.D
Acq: 25 Feb 2021 15:35

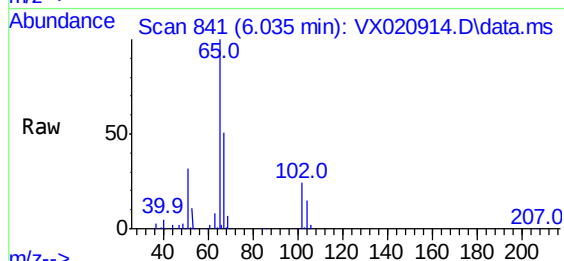
Tgt Ion: 50 Resp: 7207
Ion Ratio Lower Upper
50 100
52 32.7 26.9 40.3





#27
1,2-Dichloroethane-d4
Concen: 30.80 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.012 min
Lab File: VX020914.D
Acq: 25 Feb 2021 15:35

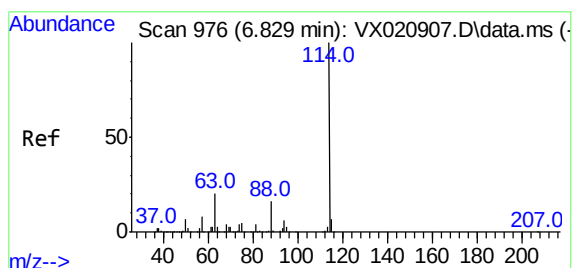
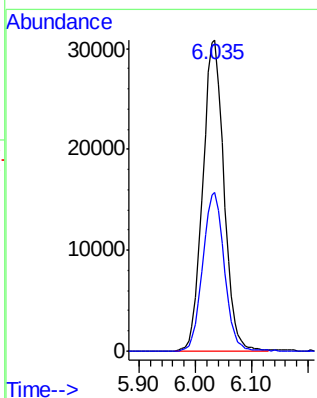
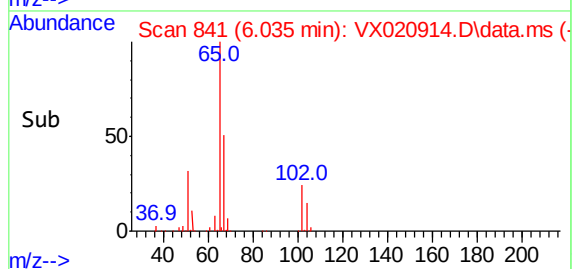
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ClientSampleId :
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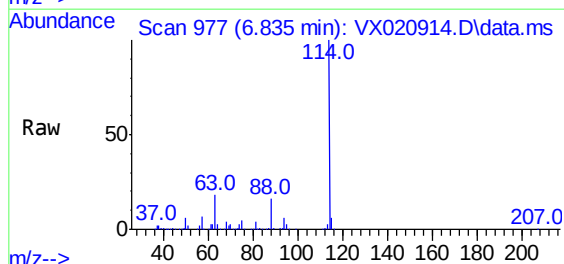
Tgt Ion: 65 Resp: 80193
Ion Ratio Lower Upper
65 100
67 51.8 41.9 62.9

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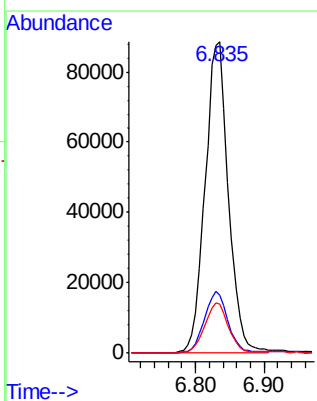
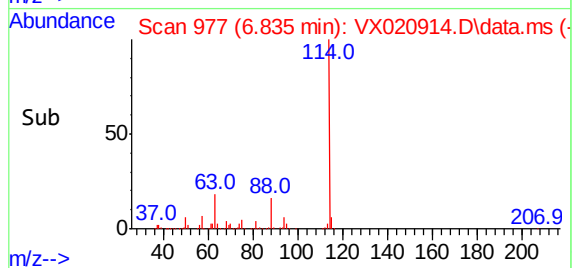
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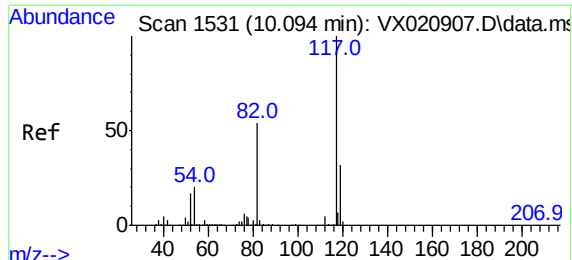


#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX020914.D
Acq: 25 Feb 2021 15:35



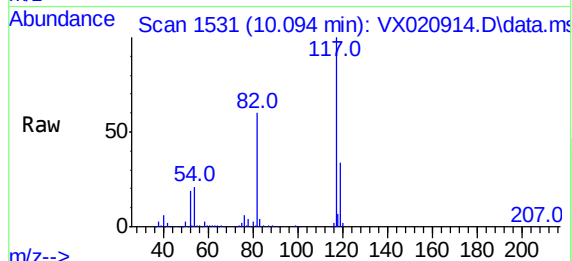
Tgt Ion:114 Resp: 208748
Ion Ratio Lower Upper
114 100
63 19.5 16.2 24.2
88 16.1 13.0 19.6





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX020914.D
Acq: 25 Feb 2021 15:35

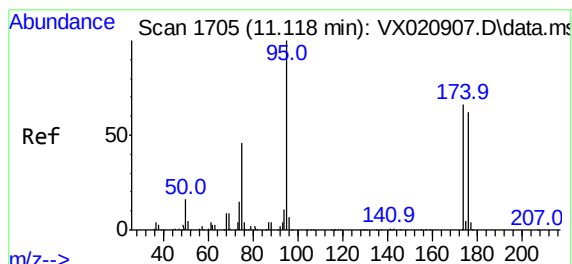
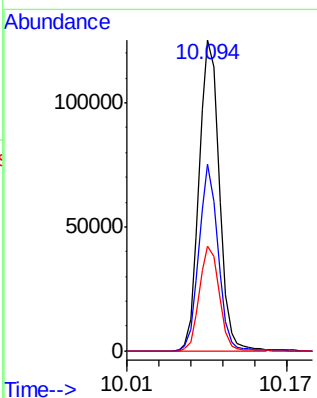
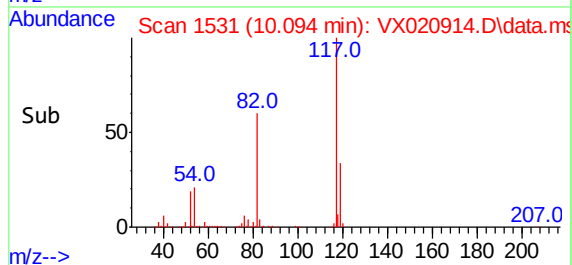
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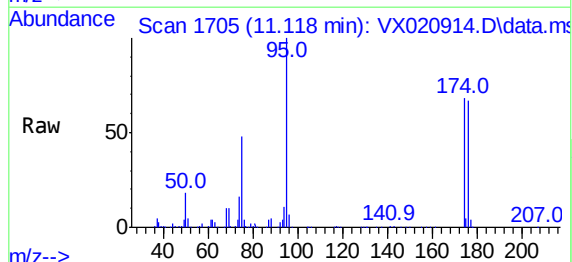
Tgt Ion:117 Resp: 175167
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.6
119 33.2 25.6 38.4

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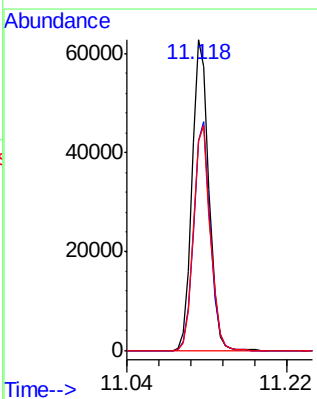
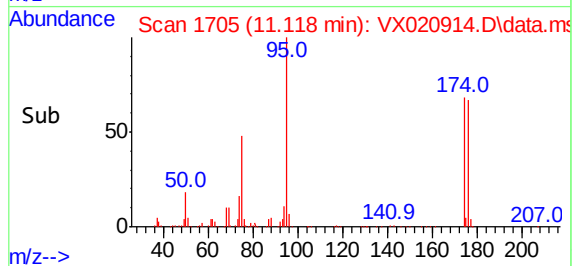
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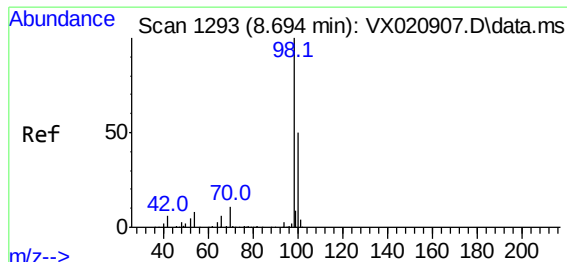


#60
4-Bromofluorobenzene
Concen: 28.20 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX020914.D
Acq: 25 Feb 2021 15:35



Tgt Ion: 95 Resp: 81697
Ion Ratio Lower Upper
95 100
174 72.2 63.0 94.4
176 72.0 59.9 89.9





#63
Toluene-d8
Concen: 30.34 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX020914.D
Acq: 25 Feb 2021 15:35

Tgt Ion: 98 Resp: 242026
Ion Ratio Lower Upper
98 100
100 67.7 53.0 79.4

Instrument :
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ClientSampleId :
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