

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021946.D
 Acq On : 12 May 2021 23:33
 Operator : JC/MD
 Sample : M2352-04 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-4

Manual Integrations
 APPROVED

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 5/13/2021 4:07:36 PM

Quant Time: May 13 06:28:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	17762	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	101634	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.061	117	88625	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	41456	30.30	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.00%
60) 4-Bromofluorobenzene	11.085	95	44226	30.07	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.23%
63) Toluene-d8	8.653	98	123057	30.39	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.30%
Target Compounds						
25) Chloroform	5.105	83	1193m	0.56	ug/l	Qvalue

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

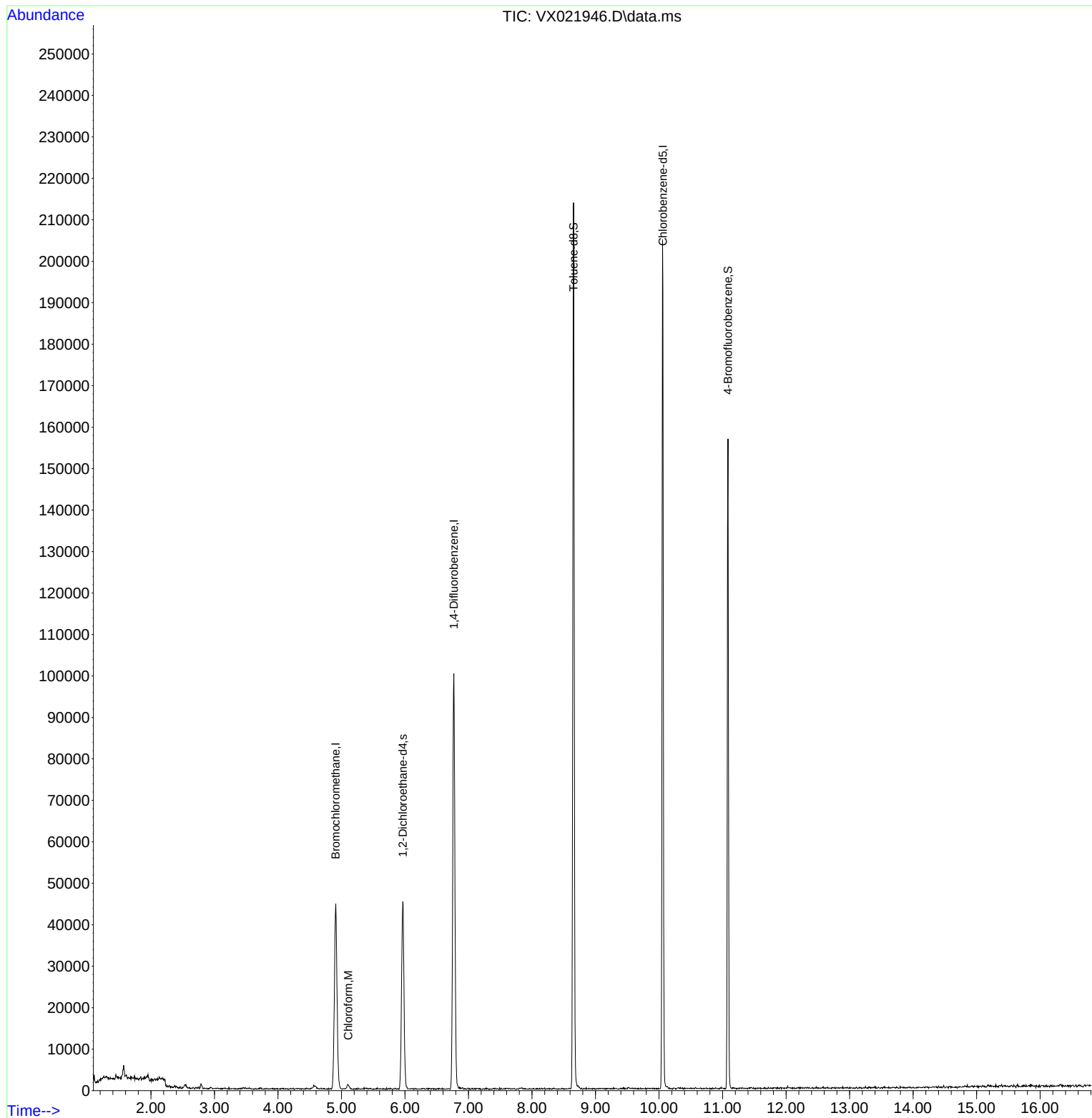
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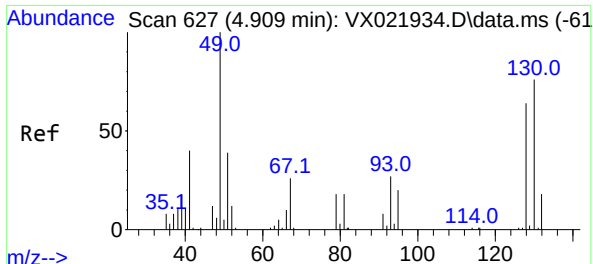
Instrument :
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#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.001 min
Lab File: VX021946.D
Acq: 12 May 2021 23:33

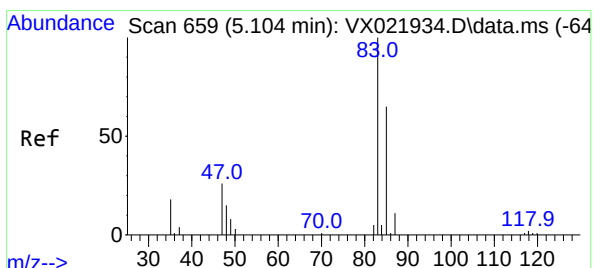
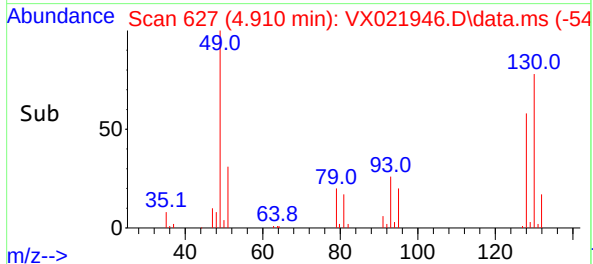
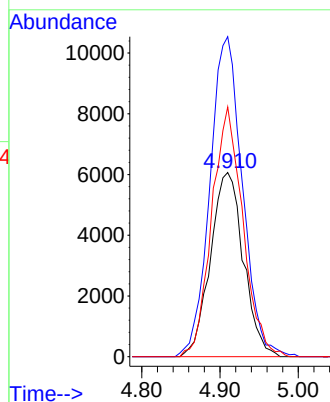
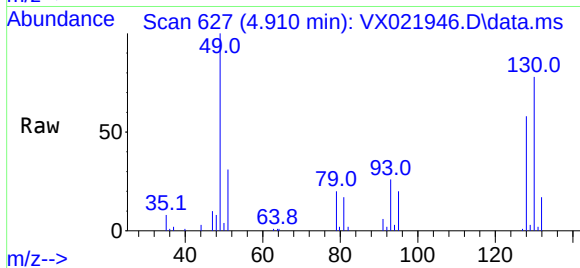
Tgt Ion: 128 Resp: 17762

Ion	Ratio	Lower	Upper
128	100		
49	171.2	0.0	442.5
130	127.9	0.0	323.3

Instrument :
MSVOA_X
ClientSampled :
14B-4

Manual Integrations
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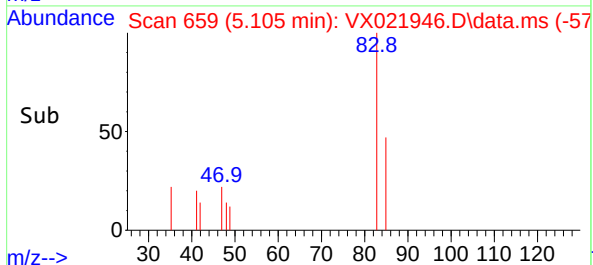
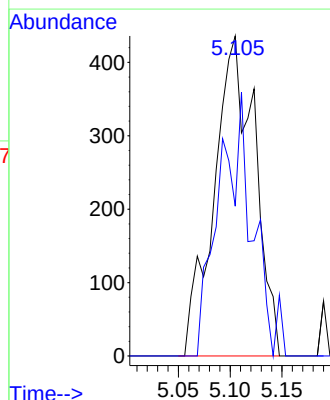
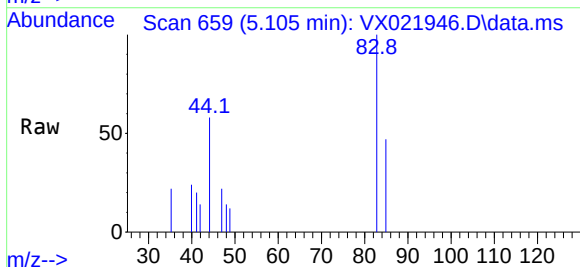
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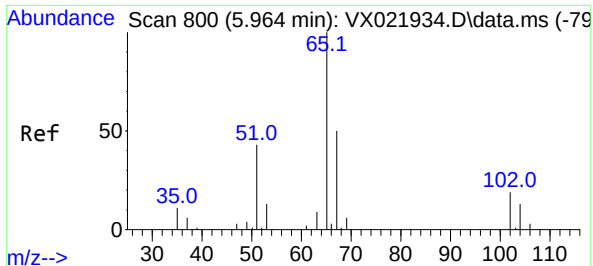


#25
Chloroform
Concen: 0.56 ug/l m
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX021946.D
Acq: 12 May 2021 23:33

Tgt Ion: 83 Resp: 1193

Ion	Ratio	Lower	Upper
83	100		
85	46.8	51.9	77.9#





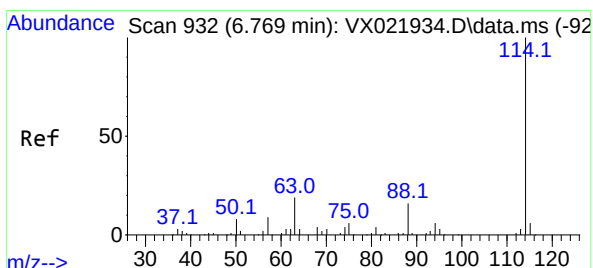
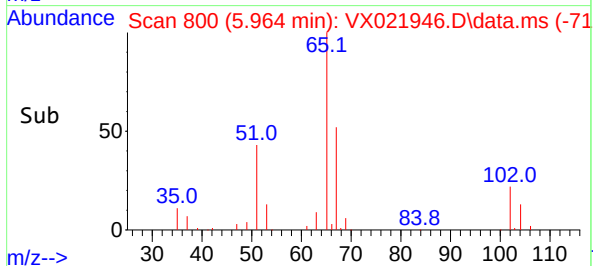
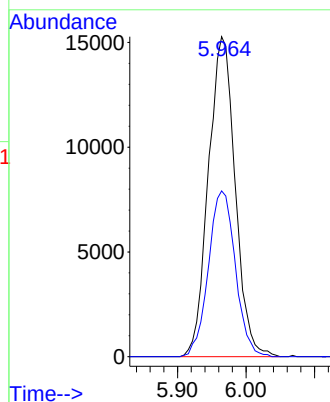
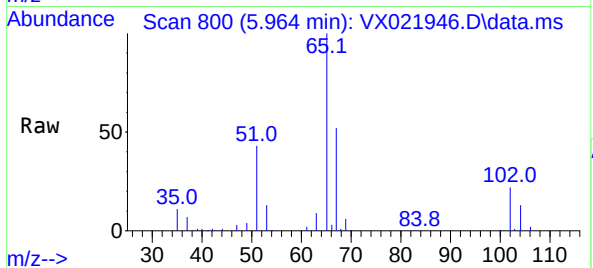
#27
1,2-Dichloroethane-d4
Concen: 30.30 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX021946.D
Acq: 12 May 2021 23:33

Tgt Ion: 65 Resp: 41456
Ion Ratio Lower Upper
65 100
67 52.1 41.5 62.3

Instrument :
MSVOA_X
ClientSampled :
14B-4

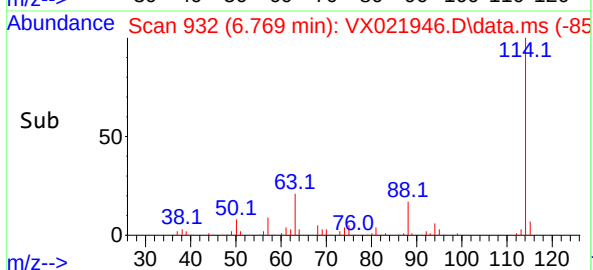
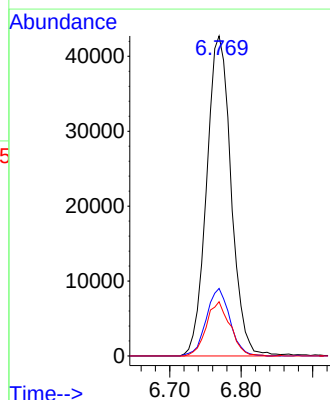
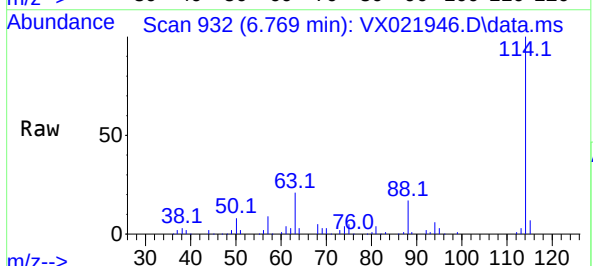
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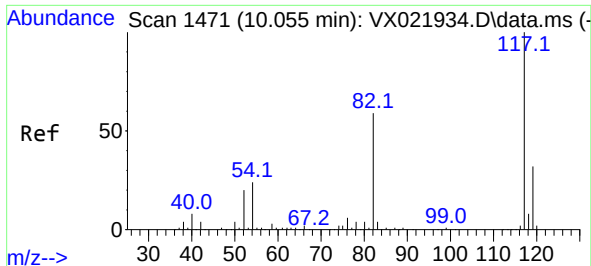
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX021946.D
Acq: 12 May 2021 23:33

Tgt Ion: 114 Resp: 101634
Ion Ratio Lower Upper
114 100
63 20.4 16.6 25.0
88 16.5 13.1 19.7





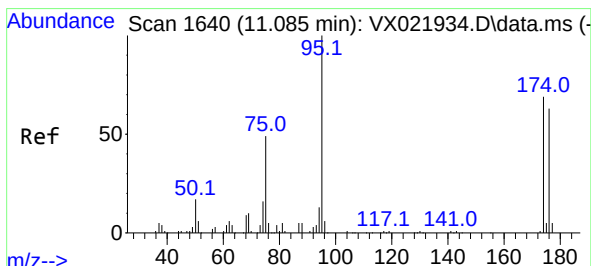
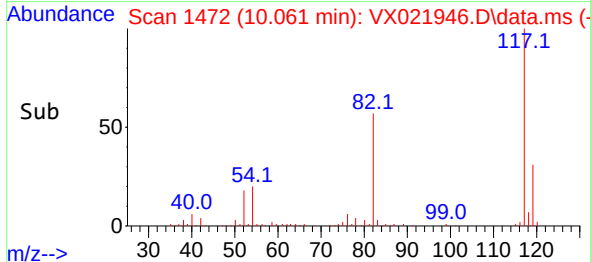
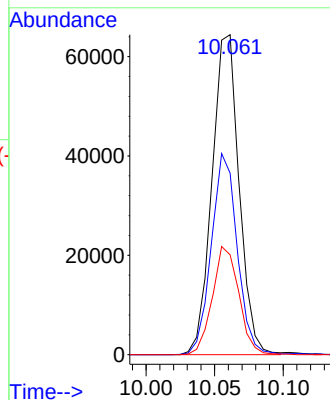
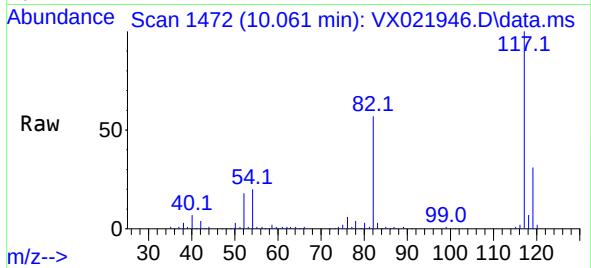
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX021946.D
Acq: 12 May 2021 23:33

Tgt Ion:	117	Resp:	88625
Ion Ratio	Lower	Upper	
117	100		
82	59.8	44.9	67.3
119	33.0	25.0	37.6

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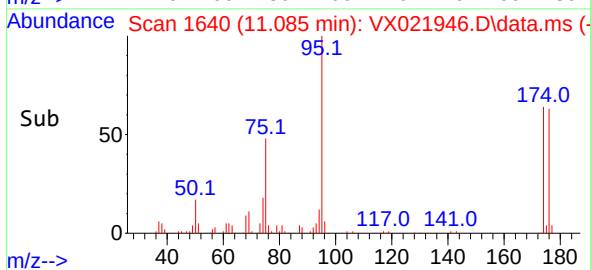
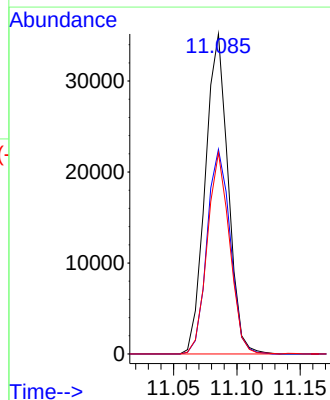
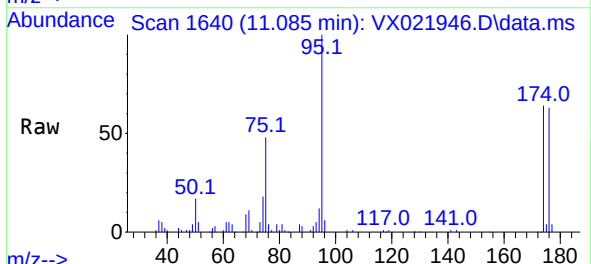
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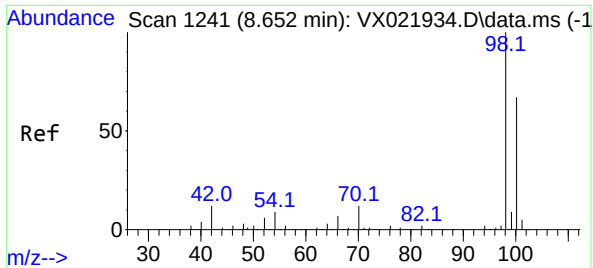
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#60
4-Bromofluorobenzene
Concen: 30.07 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021946.D
Acq: 12 May 2021 23:33

Tgt Ion:	95	Resp:	44226
Ion Ratio	Lower	Upper	
95	100		
174	64.9	52.2	78.2
176	61.5	49.3	73.9





#63
Toluene-d8
Concen: 30.39 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX021946.D
Acq: 12 May 2021 23:33

Tgt Ion: 98 Resp: 123057
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

Instrument :
MSVOA_X
ClientSampleId :
14B-4

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