

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021950.D
 Acq On : 13 May 2021 01:05
 Operator : JC/MD
 Sample : M2359-04 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-4

Manual Integrations
 APPROVED

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 5/13/2021 4:07:42 PM

Quant Time: May 13 06:29:28 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	18155	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	103867	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	92389	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	41565	29.72	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.07%
60) 4-Bromofluorobenzene	11.085	95	45036	29.37	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.90%
63) Toluene-d8	8.653	98	125668	29.77	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.23%
Target Compounds						
25) Chloroform	5.099	83	2312m	1.06	ug/l	Qvalue

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

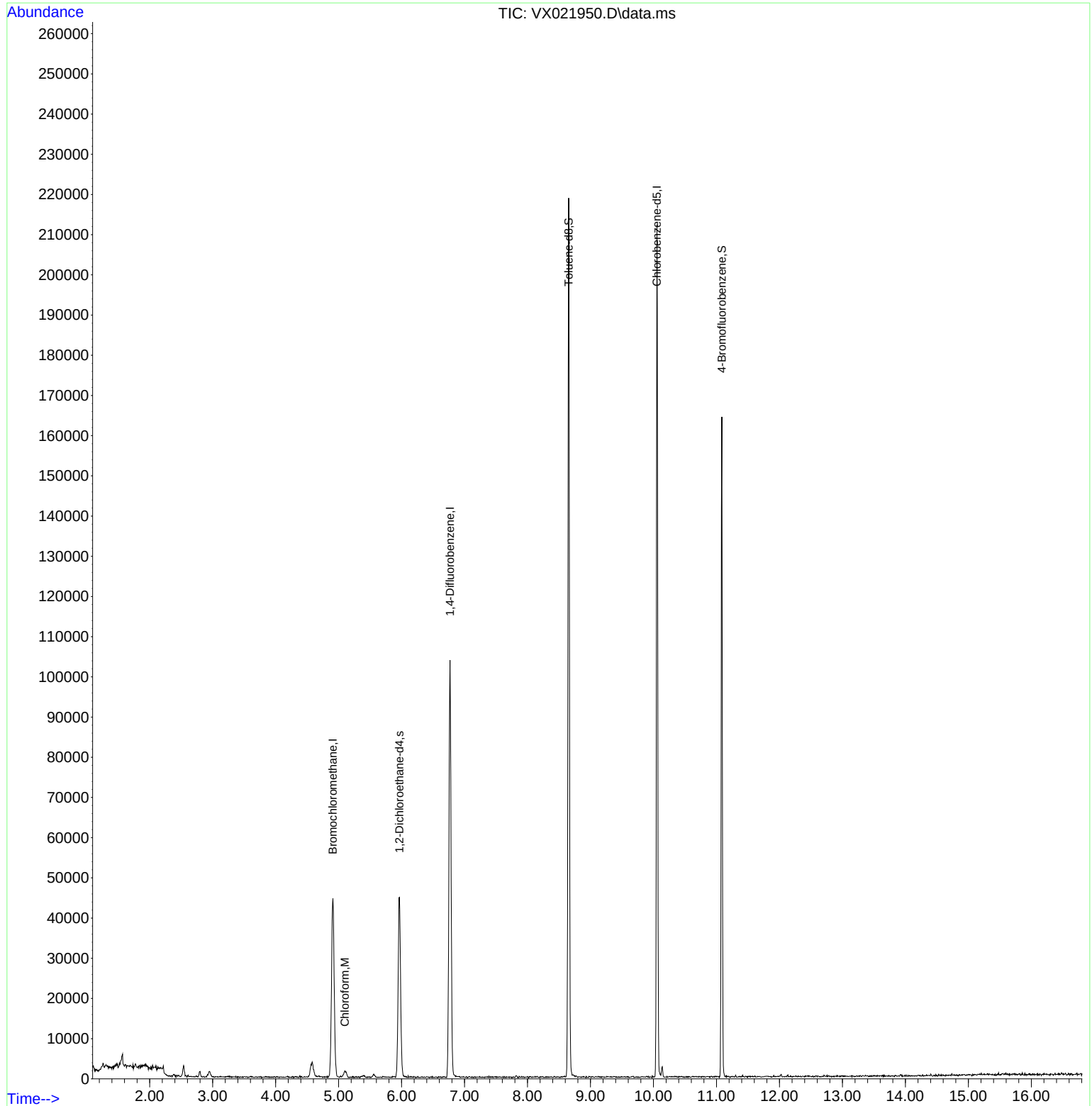
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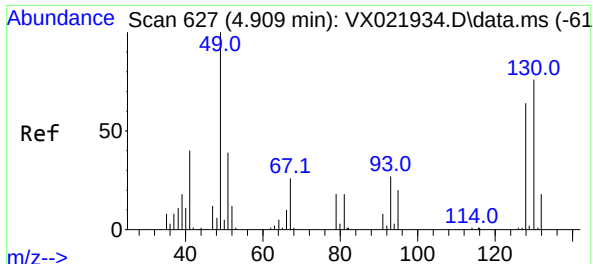
Instrument :
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ClientSampleId :
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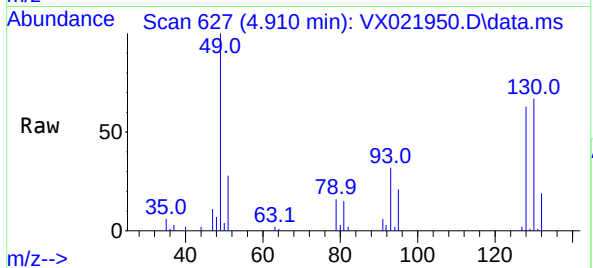
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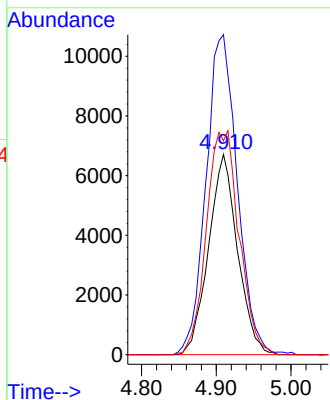
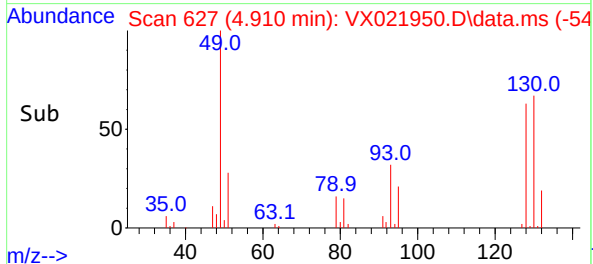




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.001 min
Lab File: VX021950.D
Acq: 13 May 2021 01:05



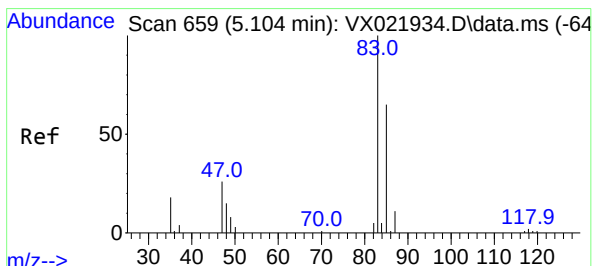
Tgt Ion:128 Resp: 18155
Ion Ratio Lower Upper
128 100
49 171.8 0.0 442.5
130 125.8 0.0 323.3



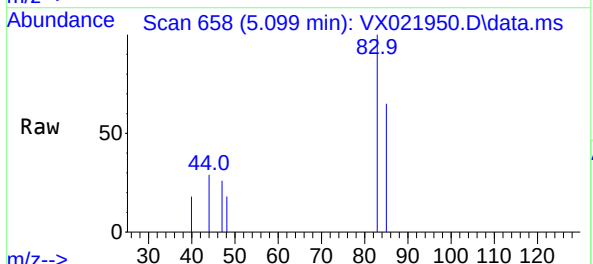
Instrument :
MSVOA_X
ClientSampled :
14B-4

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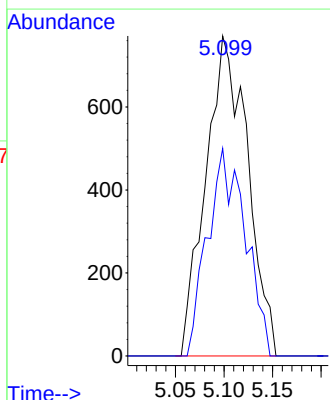
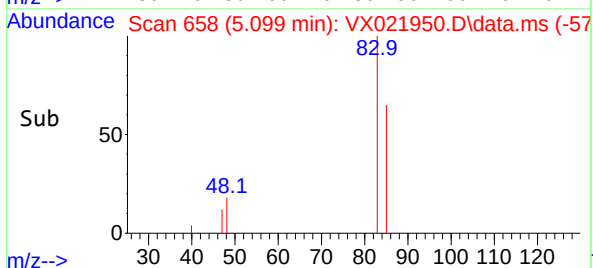
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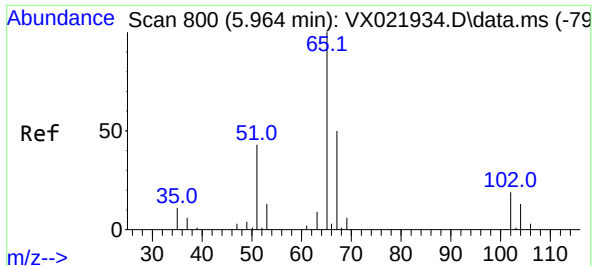


#25
Chloroform
Concen: 1.06 ug/l m
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX021950.D
Acq: 13 May 2021 01:05



Tgt Ion: 83 Resp: 2312
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9





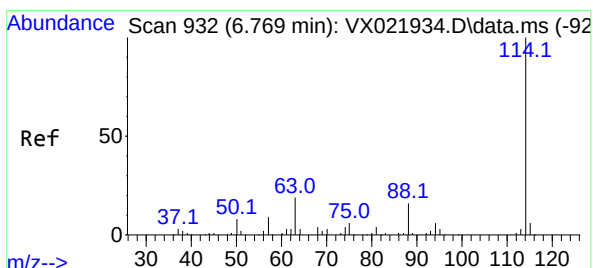
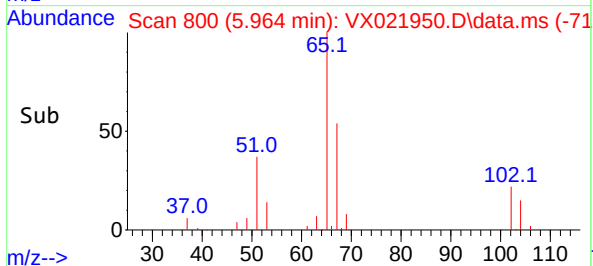
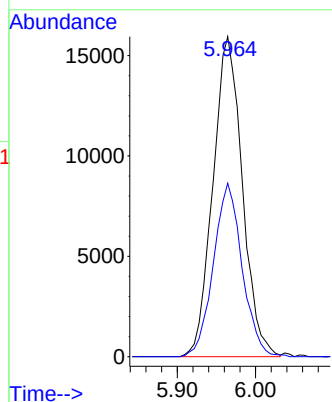
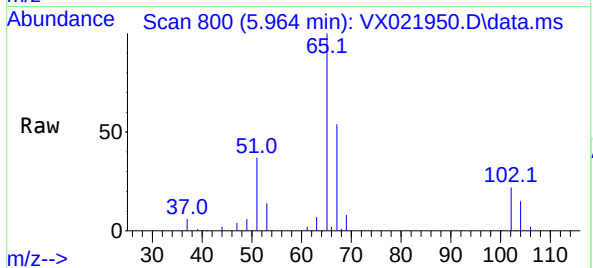
#27
1,2-Dichloroethane-d4
Concen: 29.72 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX021950.D
Acq: 13 May 2021 01:05

Tgt Ion: 65 Resp: 41565
Ion Ratio Lower Upper
65 100
67 52.9 41.5 62.3

Instrument :
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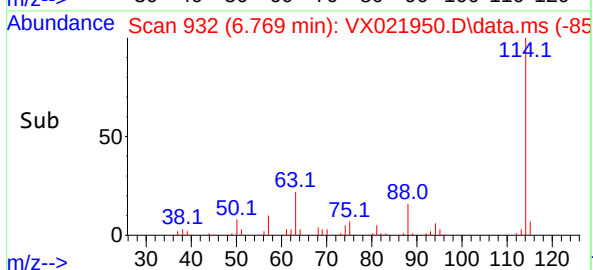
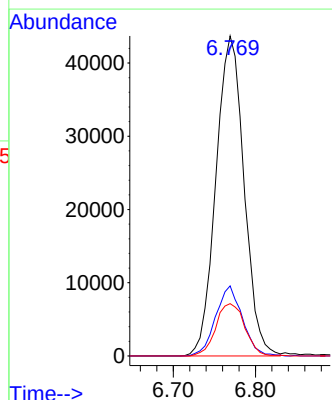
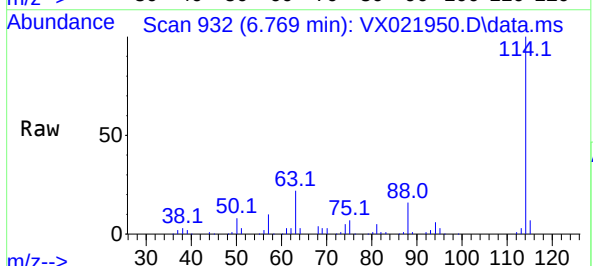
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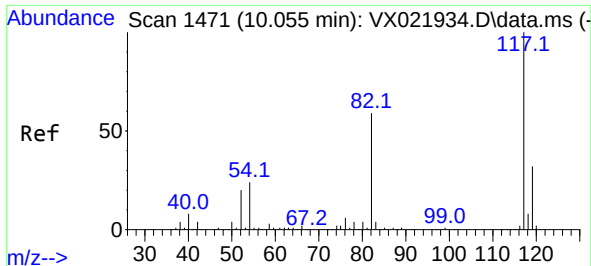
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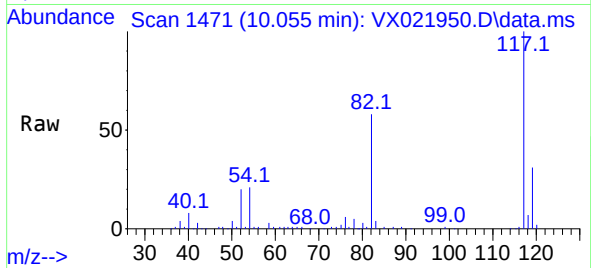
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX021950.D
Acq: 13 May 2021 01:05

Tgt Ion: 114 Resp: 103867
Ion Ratio Lower Upper
114 100
63 20.8 16.6 25.0
88 16.8 13.1 19.7

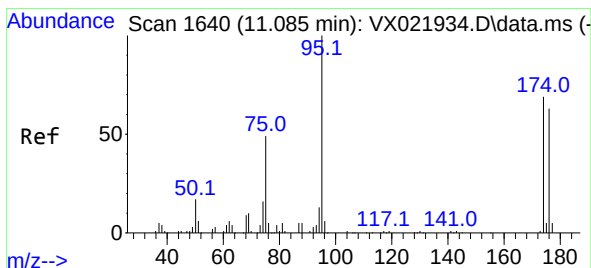
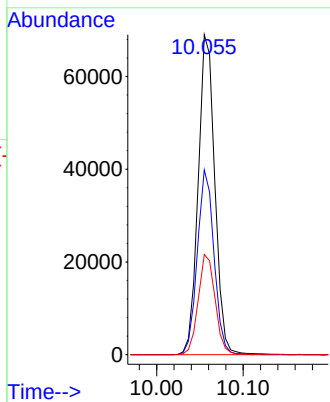
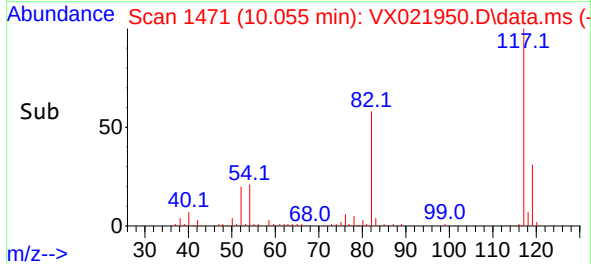




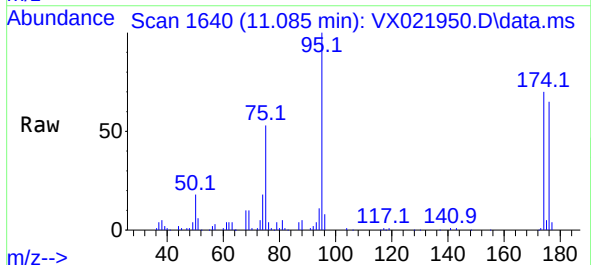
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX021950.D
Acq: 13 May 2021 01:05



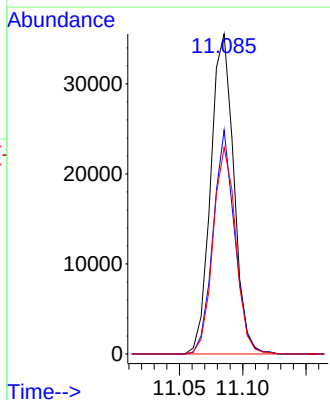
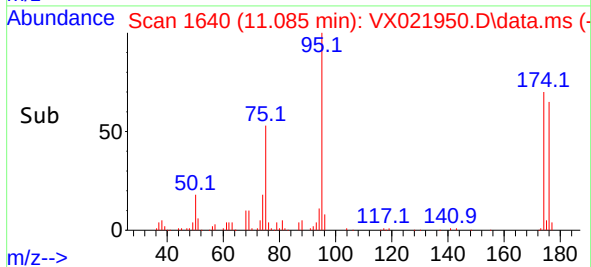
Tgt Ion: 117 Resp: 92389
Ion Ratio Lower Upper
117 100
82 57.8 44.9 67.3
119 31.7 25.0 37.6



#60
4-Bromofluorobenzene
Concen: 29.37 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021950.D
Acq: 13 May 2021 01:05



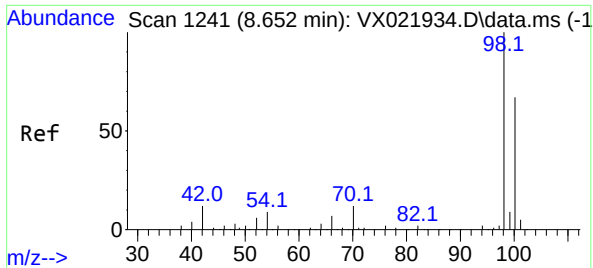
Tgt Ion: 95 Resp: 45036
Ion Ratio Lower Upper
95 100
174 65.6 52.2 78.2
176 63.6 49.3 73.9



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#63
Toluene-d8
Concen: 29.77 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX021950.D
Acq: 13 May 2021 01:05

Tgt Ion: 98 Resp: 125668
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

Instrument :
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