

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021943.D
 Acq On : 12 May 2021 22:24
 Operator : JC/MD
 Sample : M2352-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

Manual Integrations
 APPROVED

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 5/13/2021 4:07:33 PM

Quant Time: May 13 06:27:46 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	4.909	128	17223	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	105430	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.061	117	93069	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	42137	31.76	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	105.87%	
60) 4-Bromofluorobenzene	11.085	95	44896	29.07	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	96.90%	
63) Toluene-d8	8.653	98	127048	29.87	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.57%	
Target Compounds						Qvalue
25) Chloroform	5.092	83	1334m	0.65	ug/l	

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

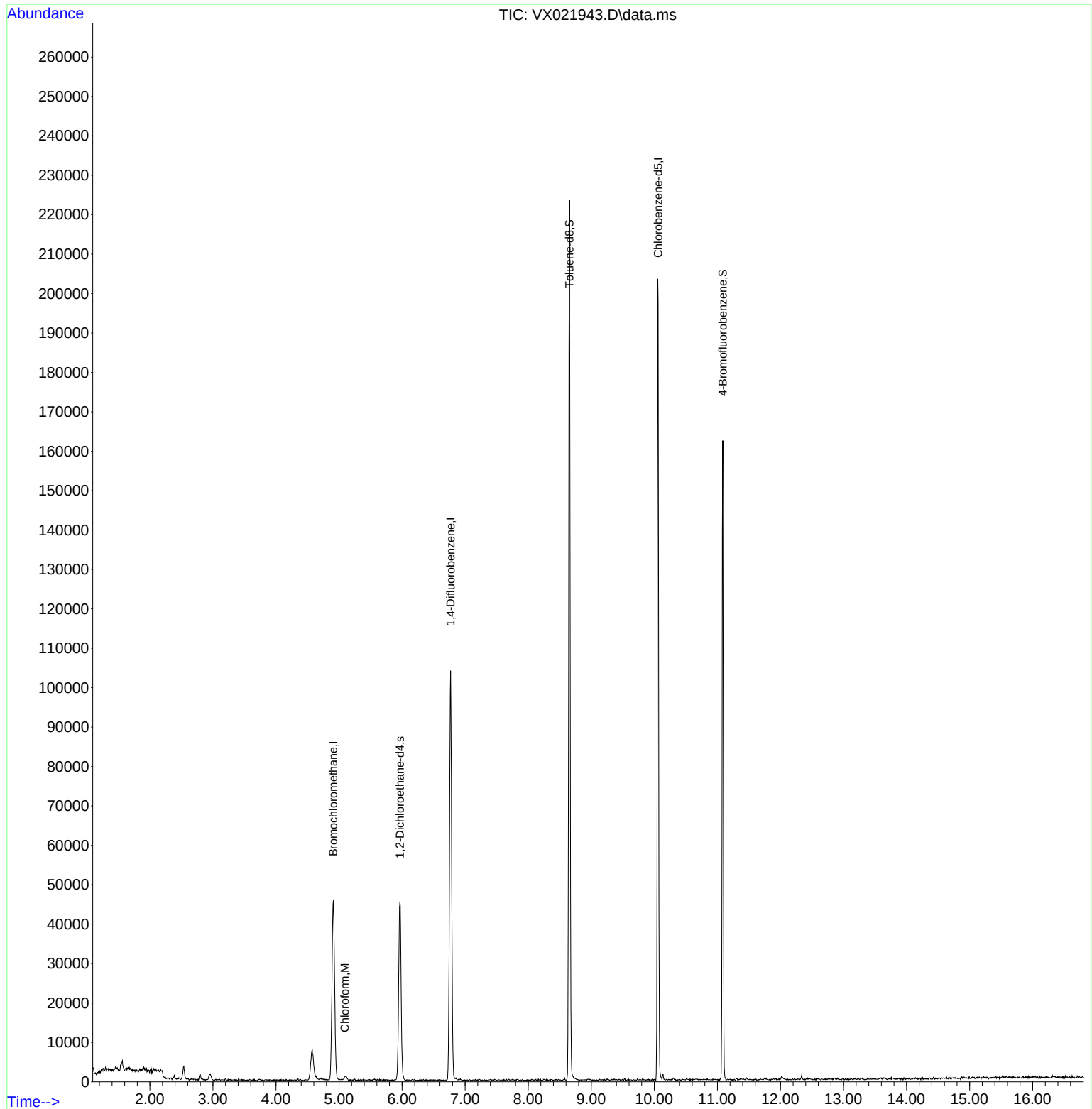
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Data File : VX021943.D
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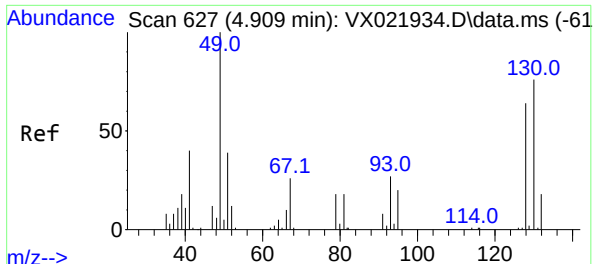
Instrument :
MSVOA_X
ClientSampleId :
14B-1

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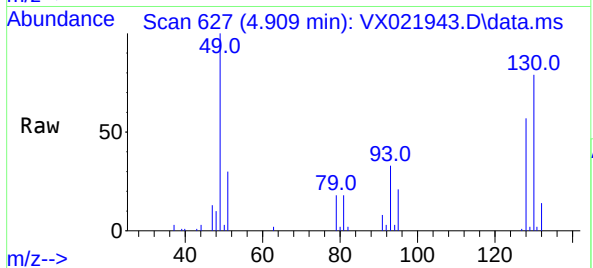
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5/13/2021 4:07:33 PM

Quant Time: May 13 06:27:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
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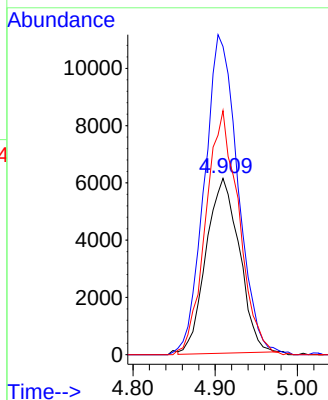
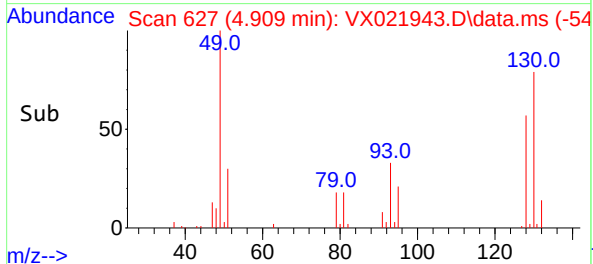




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.909 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX021943.D
Acq: 12 May 2021 22:24



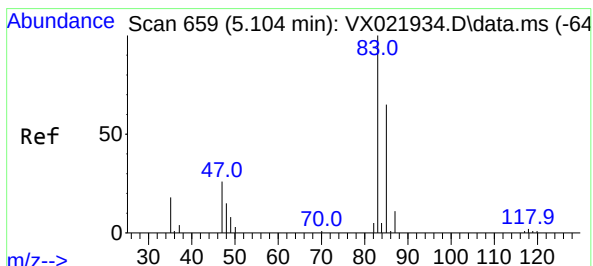
Tgt Ion:128 Resp: 17223
Ion Ratio Lower Upper
128 100
49 184.7 0.0 442.5
130 139.0 0.0 323.3



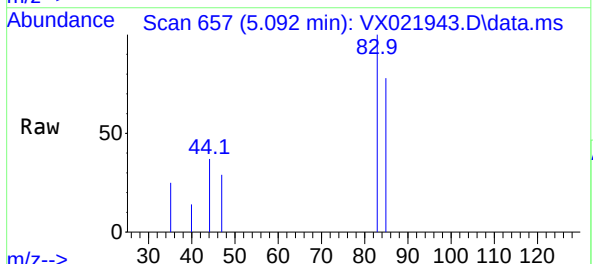
Instrument :
MSVOA_X
ClientSampled :
14B-1

Manual Integrations
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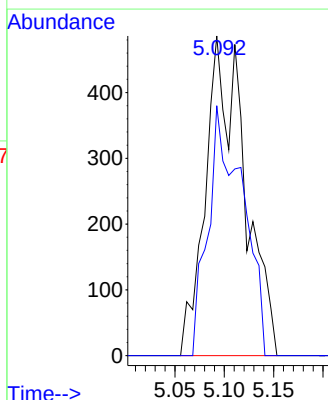
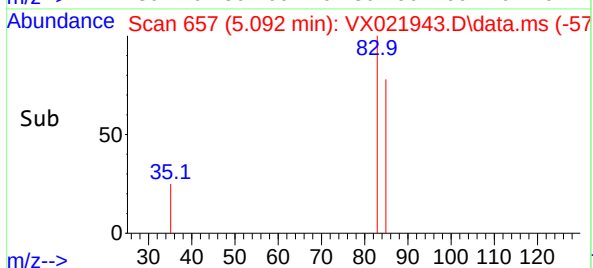
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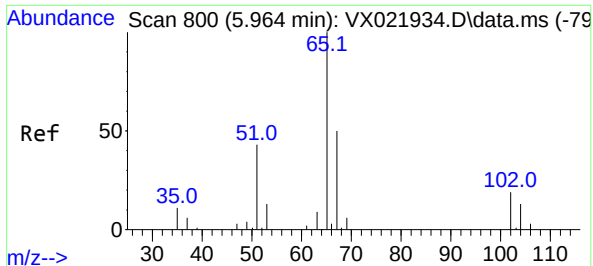


#25
Chloroform
Concen: 0.65 ug/l m
RT: 5.092 min Scan# 657
Delta R.T. -0.012 min
Lab File: VX021943.D
Acq: 12 May 2021 22:24



Tgt Ion: 83 Resp: 1334
Ion Ratio Lower Upper
83 100
85 78.2 51.9 77.9#





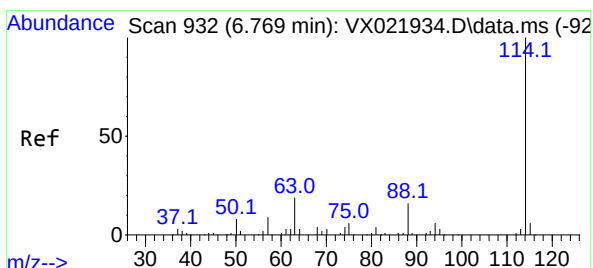
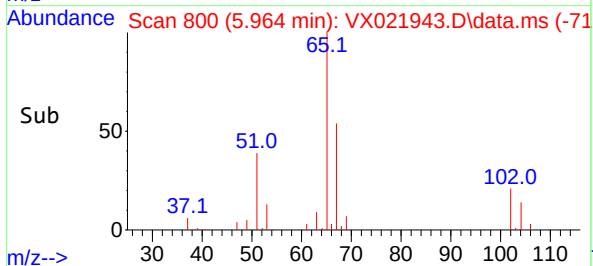
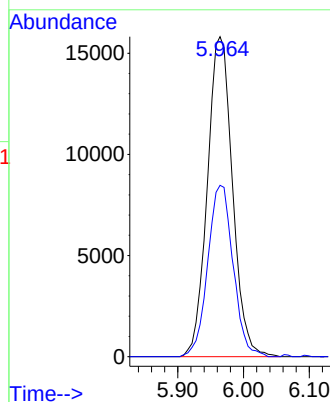
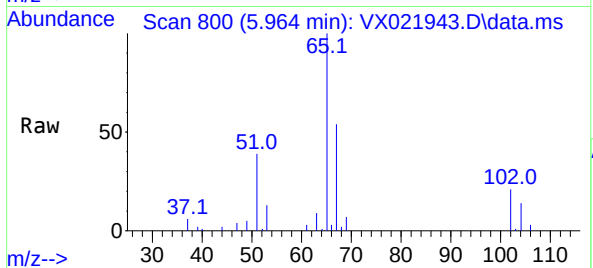
#27
1,2-Dichloroethane-d4
Concen: 31.76 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX021943.D
Acq: 12 May 2021 22:24

Tgt Ion: 65 Resp: 42137
Ion Ratio Lower Upper
65 100
67 54.0 41.5 62.3

Instrument :
MSVOA_X
ClientSampled :
14B-1

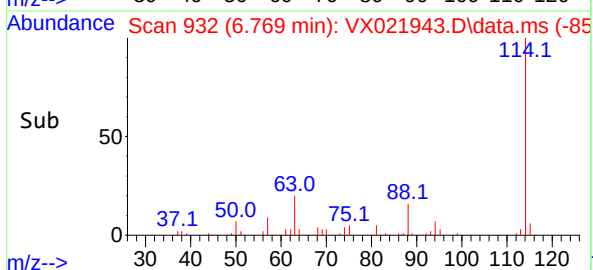
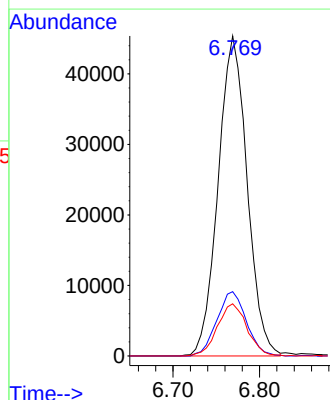
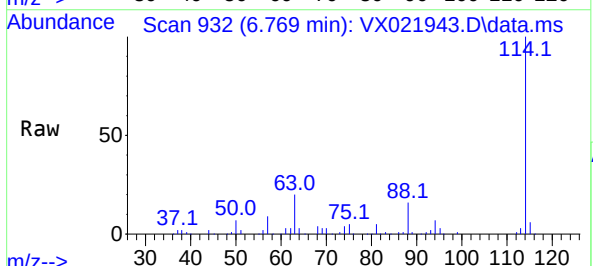
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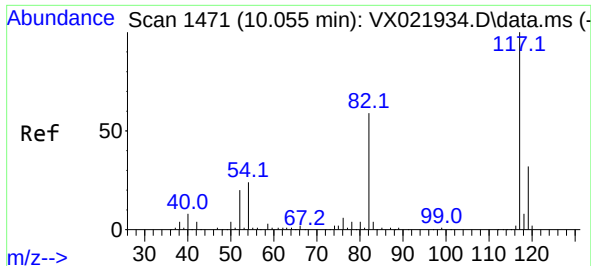
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#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX021943.D
Acq: 12 May 2021 22:24

Tgt Ion: 114 Resp: 105430
Ion Ratio Lower Upper
114 100
63 20.4 16.6 25.0
88 16.7 13.1 19.7





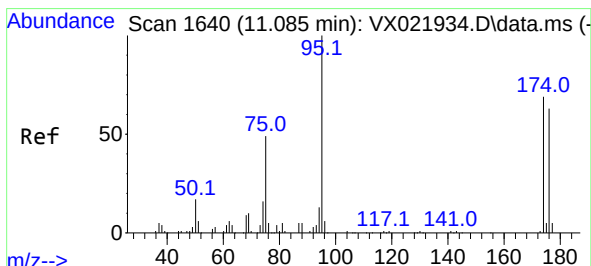
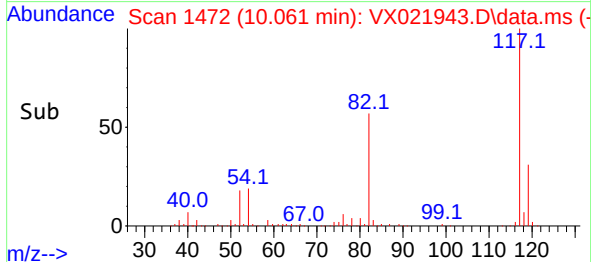
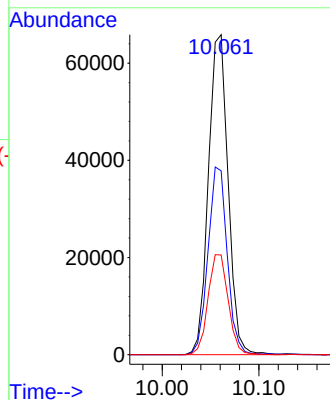
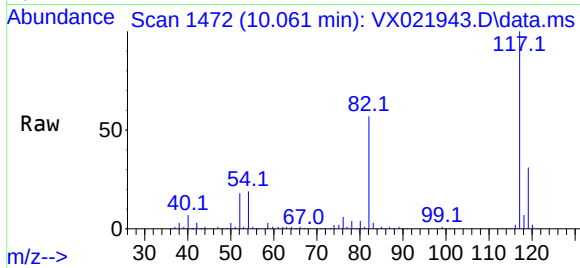
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX021943.D
Acq: 12 May 2021 22:24

Tgt Ion:	117	Resp:	93069
Ion Ratio	Lower	Upper	
117	100		
82	57.6	44.9	67.3
119	32.0	25.0	37.6

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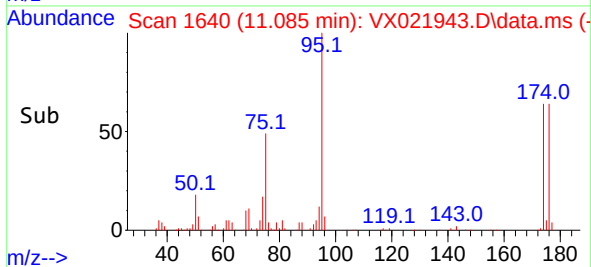
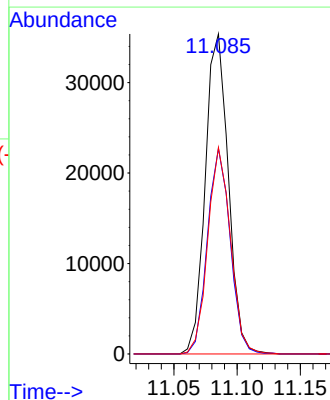
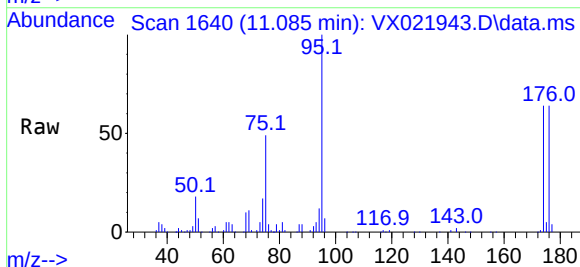
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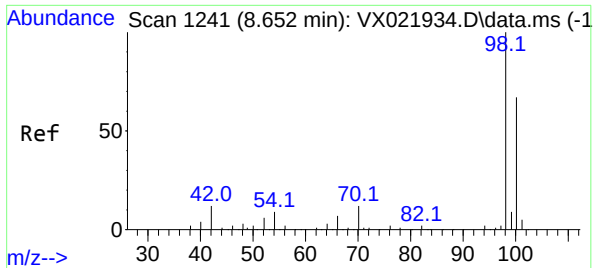
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#60
4-Bromofluorobenzene
Concen: 29.07 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021943.D
Acq: 12 May 2021 22:24

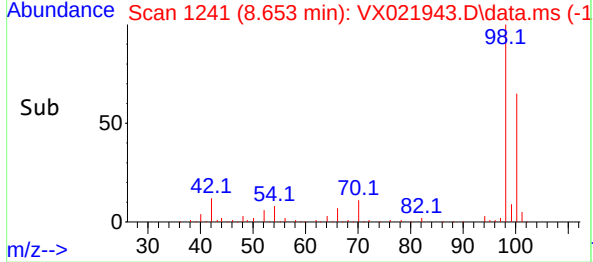
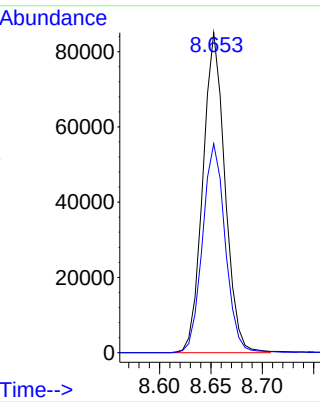
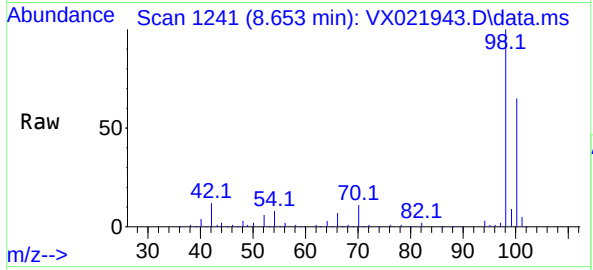
Tgt Ion:	95	Resp:	44896
Ion Ratio	Lower	Upper	
95	100		
174	63.4	52.2	78.2
176	63.5	49.3	73.9





#63
Toluene-d8
Concen: 29.87 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX021943.D
Acq: 12 May 2021 22:24

Tgt Ion: 98 Resp: 127048
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



Instrument :
MSVOA_X
ClientSampleId :
14B-1

Manual Integrations
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