

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068413.D
 Acq On : 3 Sep 2021 17:30
 Operator : JC/MD
 Sample : M3644-04RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 191-0902-DUPRE

Manual Integrations
 APPROVED

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Quant Time: Sep 04 03:13:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.667	128	88474	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.973	114	456728	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.746	117	393697	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	176904	33.726	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.433%#
60) 4-Bromofluorobenzene	12.736	95	148587	26.651	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.833%
63) Toluene-d8	10.446	98	544497	31.057	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.533%
Target Compounds						Qvalue
25) Chloroform	7.825	83	3305m	0.360	ug/l	

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

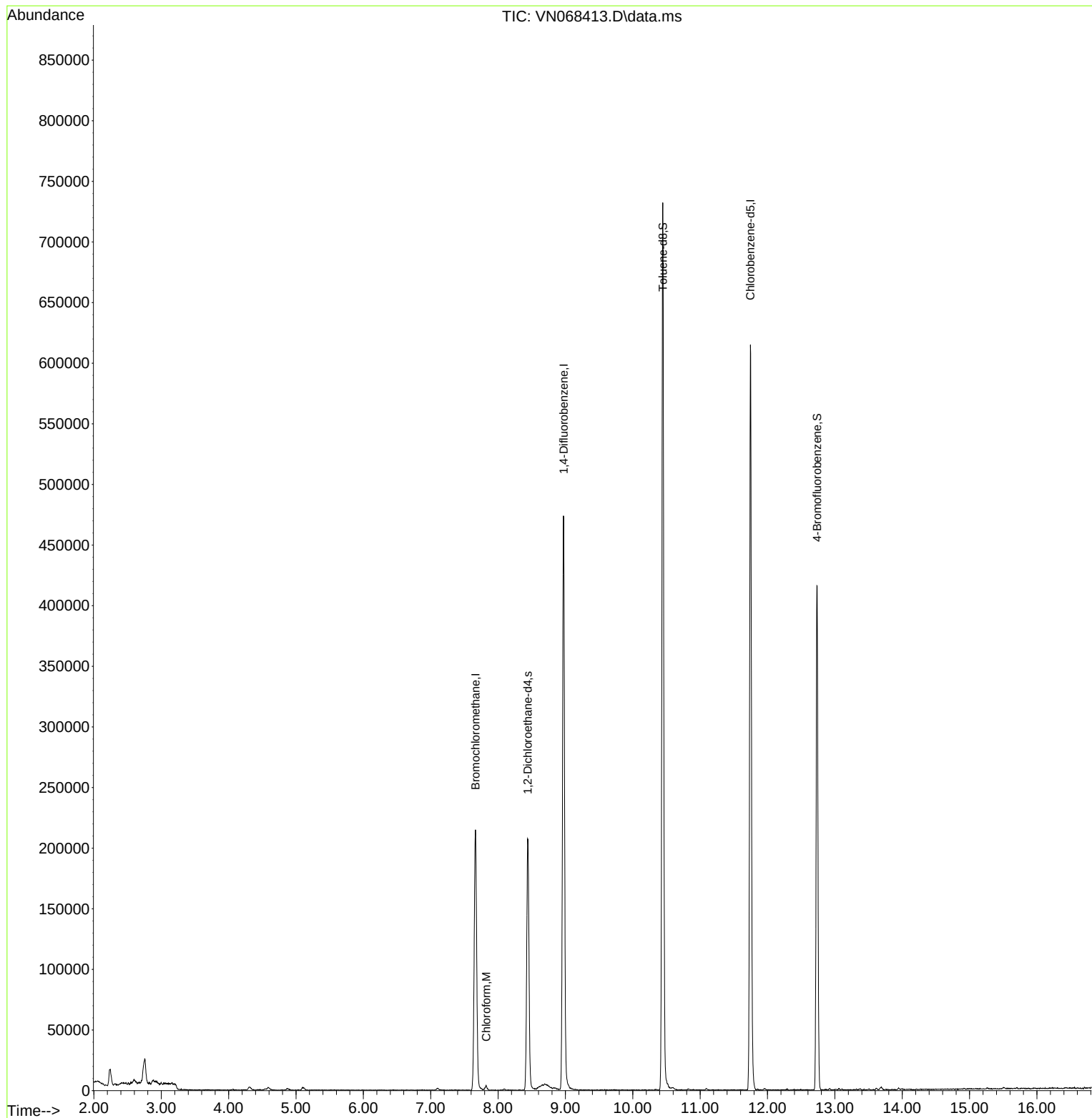
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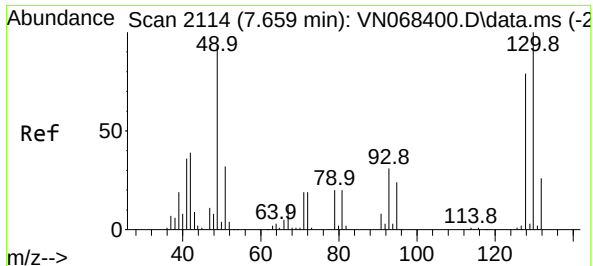
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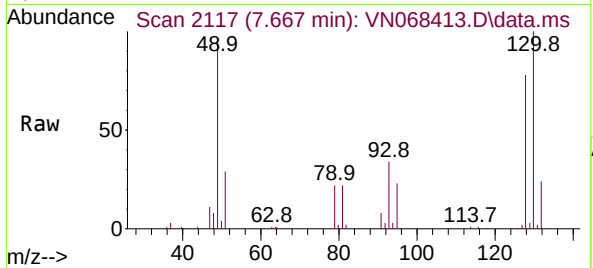
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 03 13:24:01 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.667 min Scan# 2117
Delta R.T. 0.008 min
Lab File: VN068413.D
Acq: 3 Sep 2021 17:30

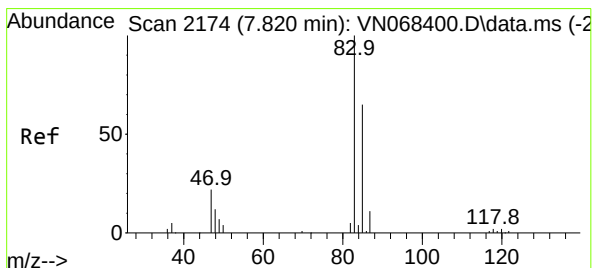
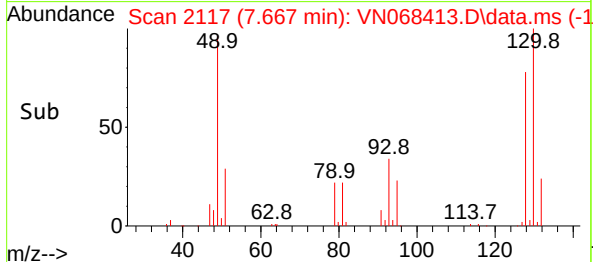
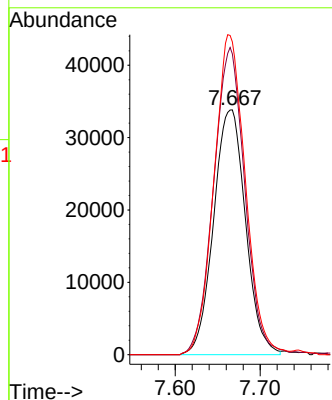


Tgt Ion: 128 Resp: 88474
Ion Ratio Lower Upper
128 100
49 122.7 0.0 517.5
130 128.1 0.0 325.8

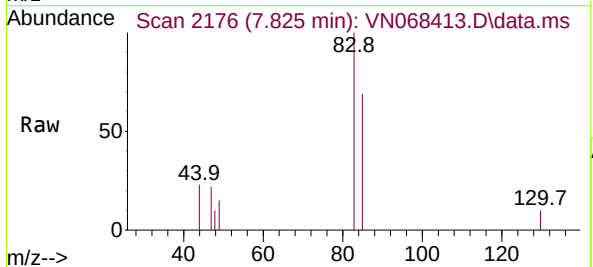
Instrument :
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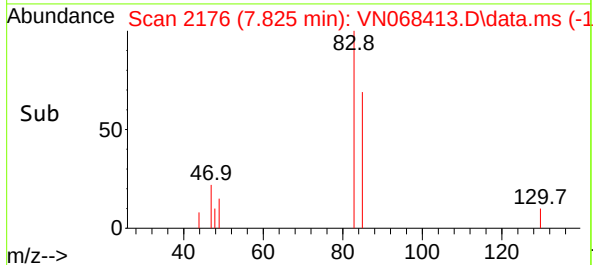
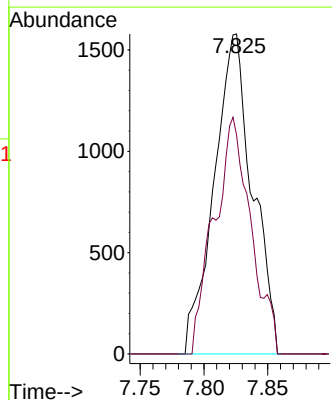
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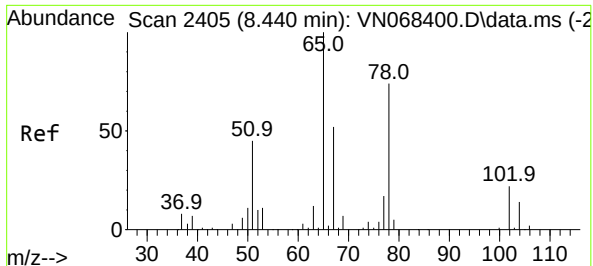


#25
Chloroform
Concen: 0.360 ug/l m
RT: 7.825 min Scan# 2176
Delta R.T. 0.005 min
Lab File: VN068413.D
Acq: 3 Sep 2021 17:30



Tgt Ion: 83 Resp: 3305
Ion Ratio Lower Upper
83 100
85 68.5 51.5 77.3





#27

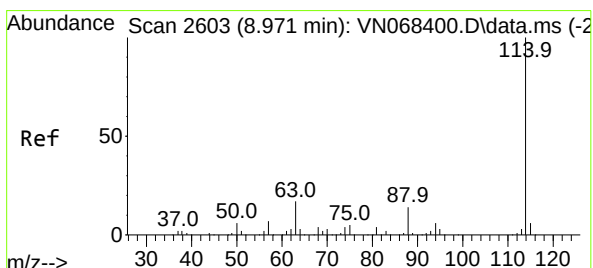
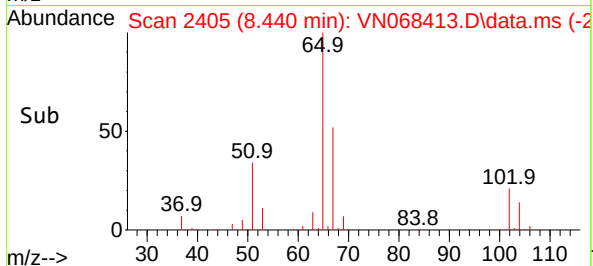
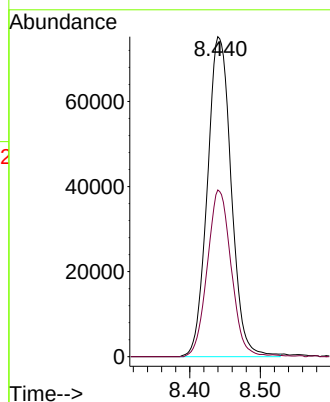
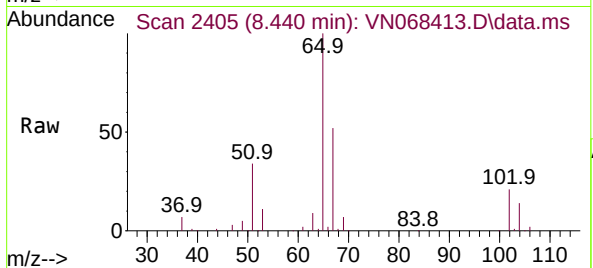
1,2-Dichloroethane-d4
Concen: 33.726 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068413.D
Acq: 3 Sep 2021 17:30

Tgt Ion: 65 Resp: 176904
Ion Ratio Lower Upper
65 100
67 51.8 39.8 59.8

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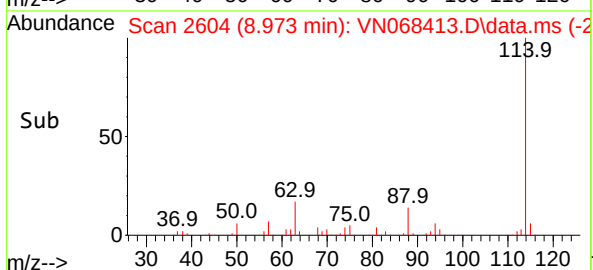
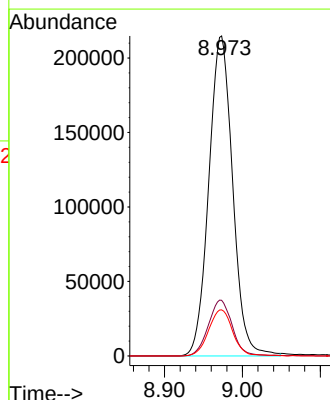
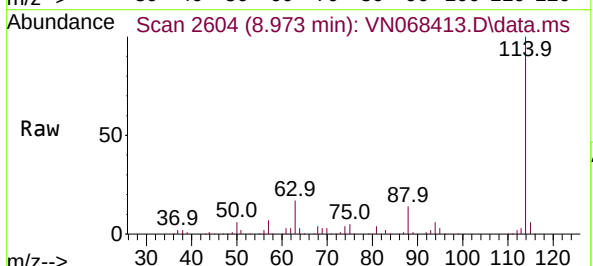
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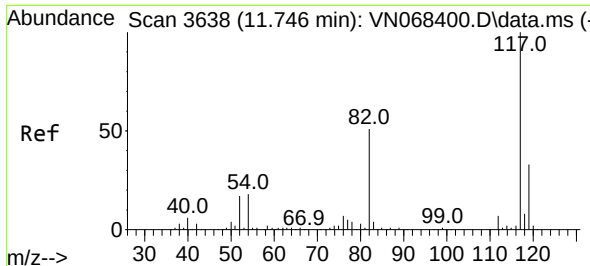


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.973 min Scan# 2604
Delta R.T. 0.003 min
Lab File: VN068413.D
Acq: 3 Sep 2021 17:30

Tgt Ion: 114 Resp: 456728
Ion Ratio Lower Upper
114 100
63 17.4 20.3 30.5#
88 14.6 14.6 22.0#





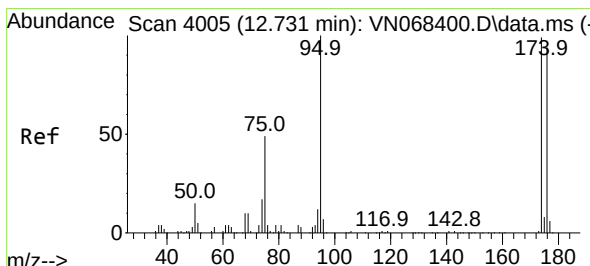
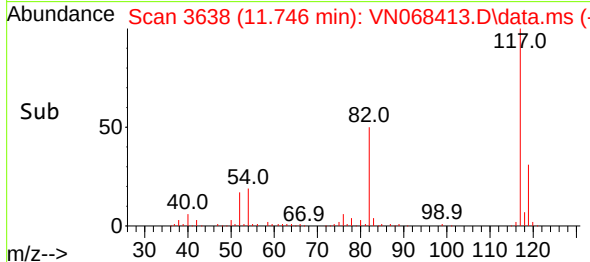
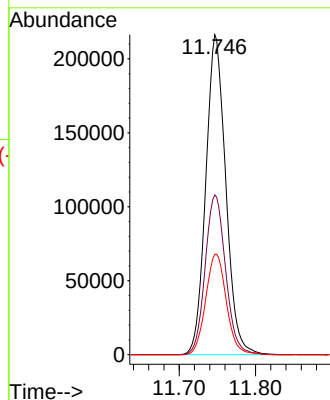
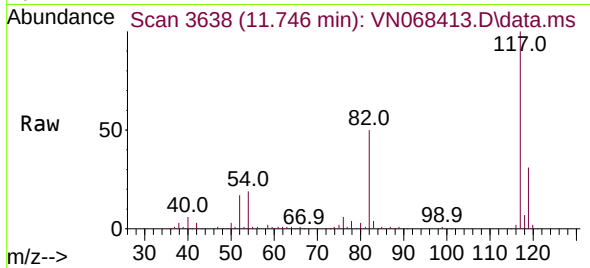
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068413.D
Acq: 3 Sep 2021 17:30

Tgt Ion: 117 Resp: 393697
Ion Ratio Lower Upper
117 100
82 51.2 52.5 78.7#
119 32.5 25.8 38.8

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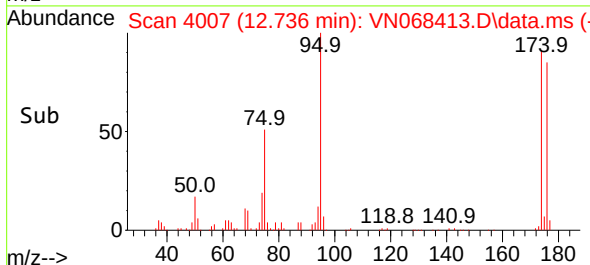
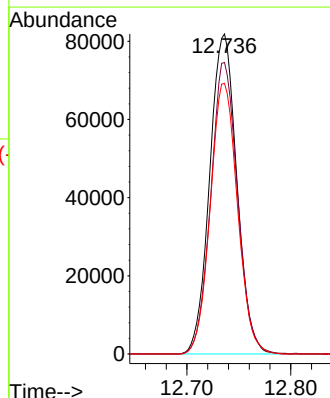
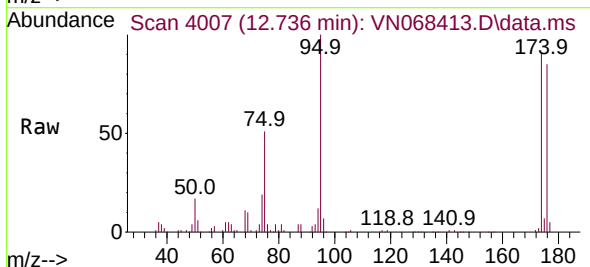
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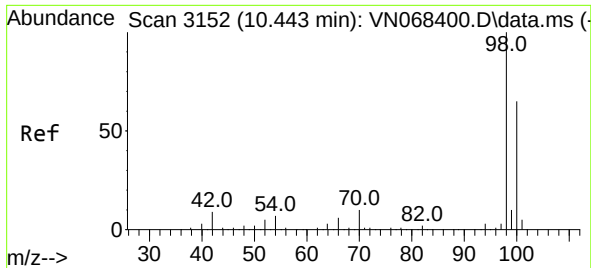
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#60
4-Bromofluorobenzene
Concen: 26.651 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.005 min
Lab File: VN068413.D
Acq: 3 Sep 2021 17:30

Tgt Ion: 95 Resp: 148587
Ion Ratio Lower Upper
95 100
174 90.2 47.7 71.5#
176 84.7 45.7 68.5#





#63
Toluene-d8
Concen: 31.057 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068413.D
Acq: 3 Sep 2021 17:30

Tgt Ion: 98 Resp: 544497
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8

Instrument :
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ClientSampleId :
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