

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008481.D
 Acq On : 27 Mar 2019 14:43
 Operator : JC/SP
 Sample : K2103-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Manual Integrations
 APPROVED

MMDadoda
 3/28/2019 9:36:30 AM

Quant Time: Mar 28 04:41:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	37569	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	211107	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	180097	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	93339	29.70	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.00%
60) 4-Bromofluorobenzene	11.13	95	88270m	28.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.77%
63) Toluene-d8	8.71	98	264032	30.89	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.97%

Target Compounds	Ovalue

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

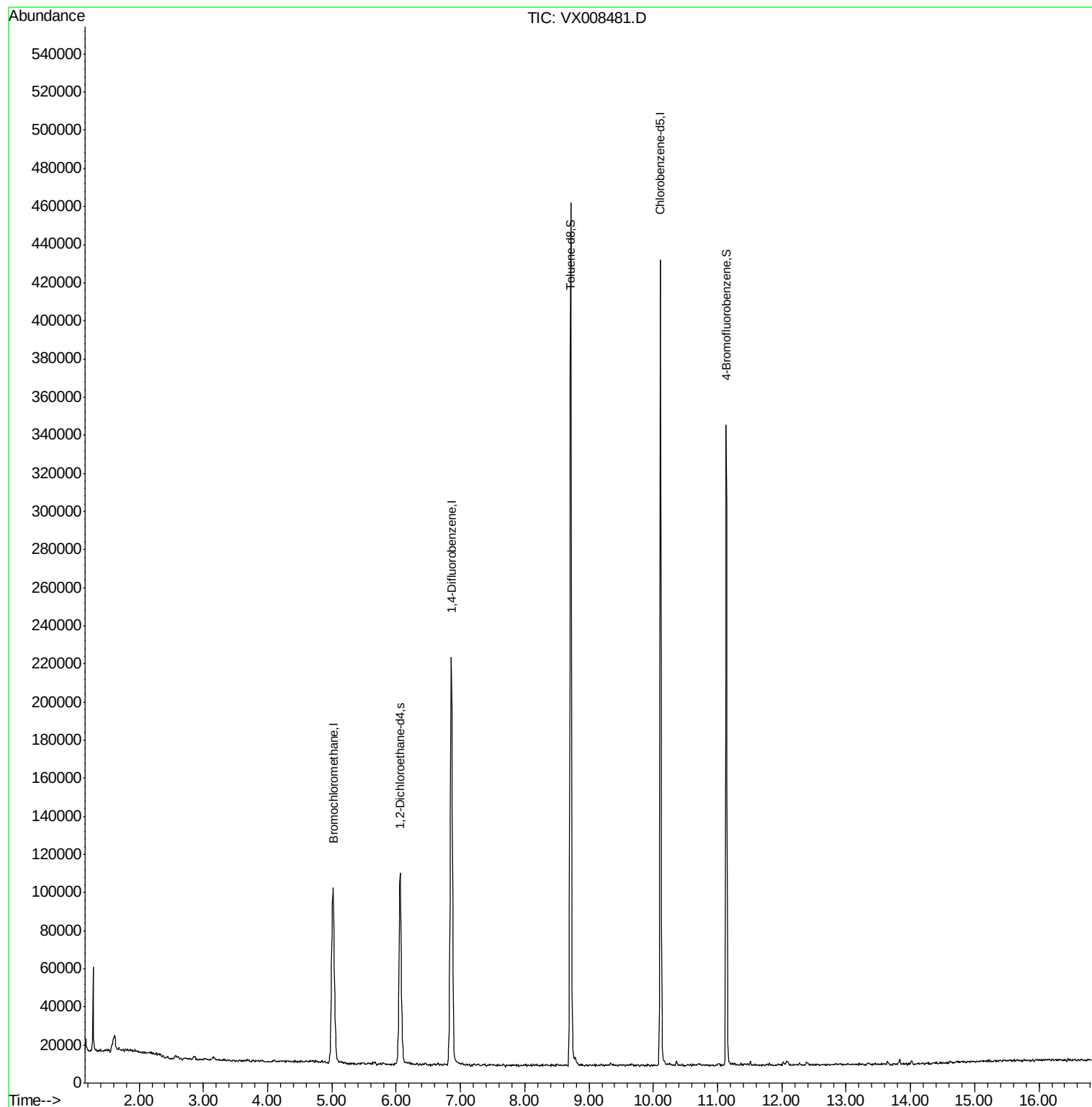
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008481.D
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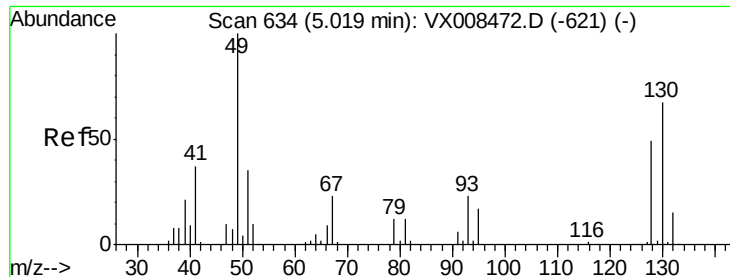
Instrument :
MSVOA_X
ClientSampleId :
TB

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Quant Time: Mar 28 04:41:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008481.D

Acq: 27 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

TB

Tot Ion:128 Resp: 37569

Ion Ratio Lower Upper

128 100

49 200.6 0.0 350.8

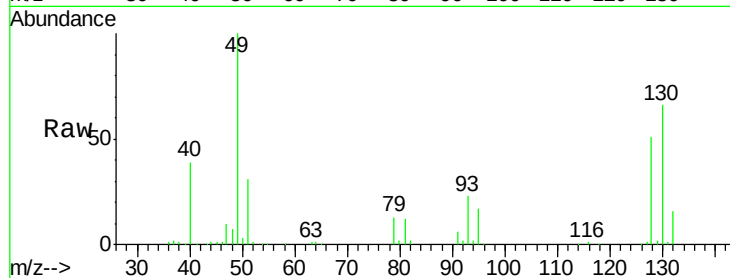
130 125.7 0.0 325.8

Manual Integrations

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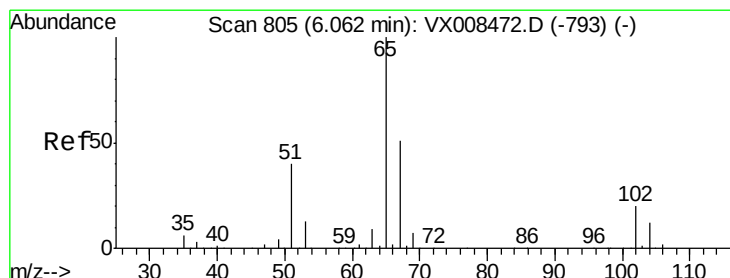
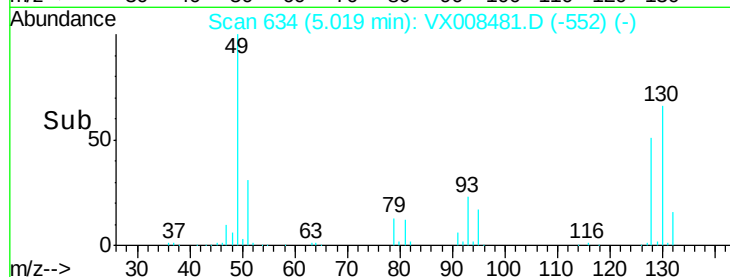
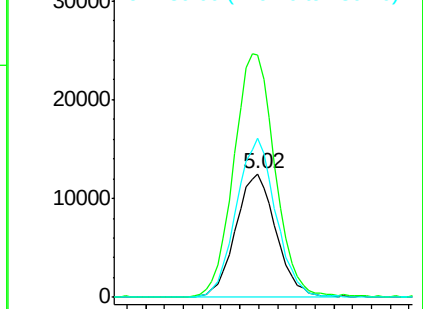
3/28/2019 9:36:30 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 29.699 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008481.D

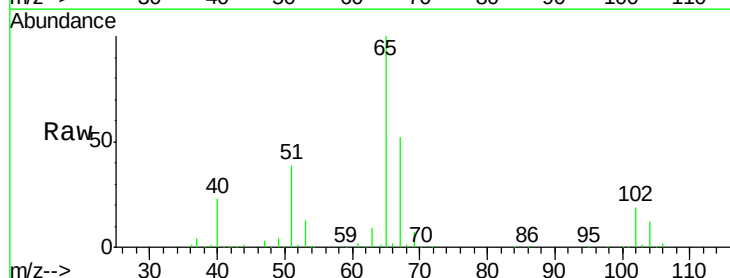
Acq: 27 Mar 2019 14:43

Tgt Ion: 65 Resp: 93339

Ion Ratio Lower Upper

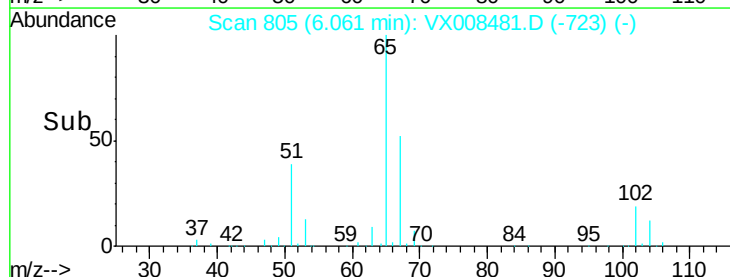
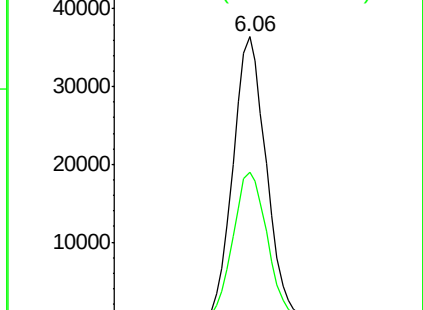
65 100

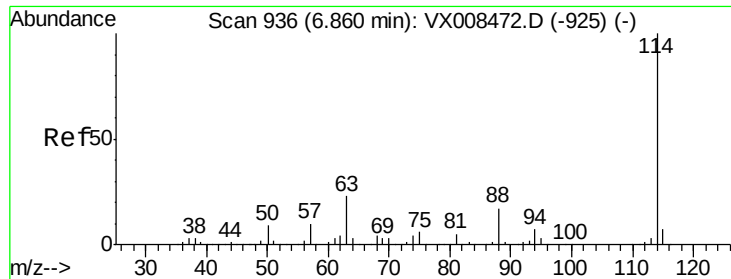
67 53.8 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0





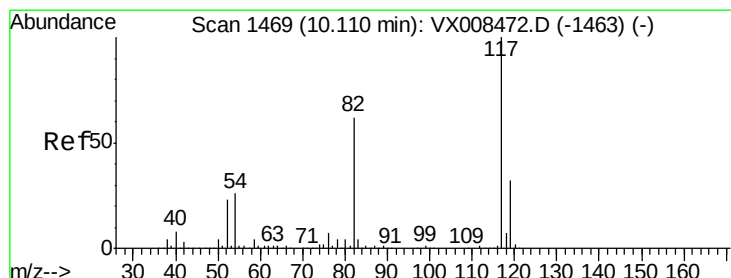
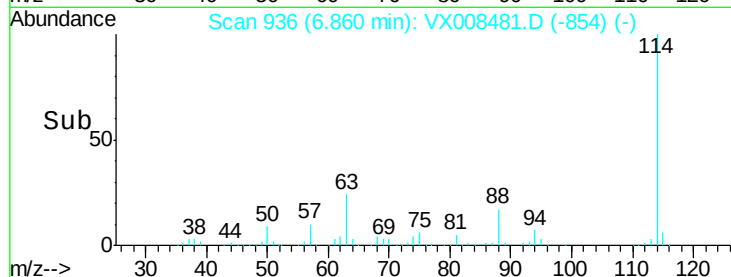
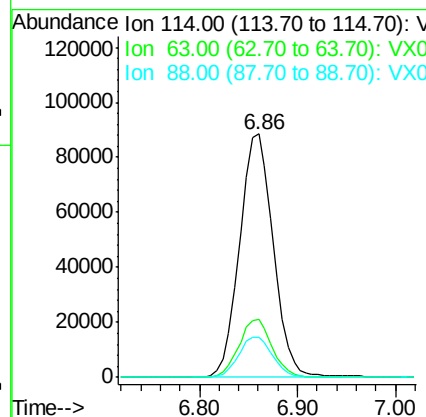
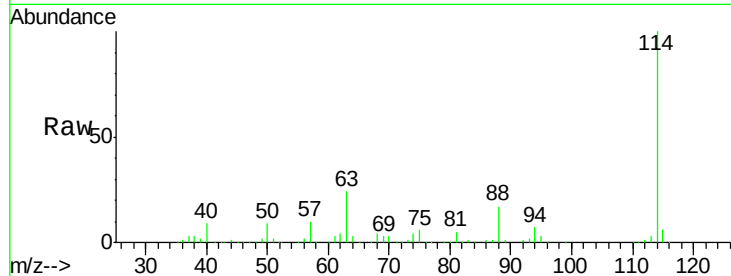
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008481.D
 Acq: 27 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.6	14.2	21.4#
88	16.7	11.9	17.9

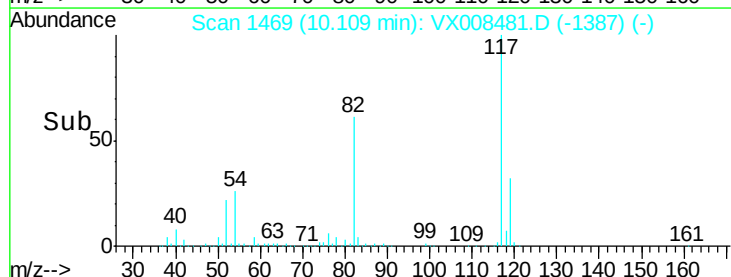
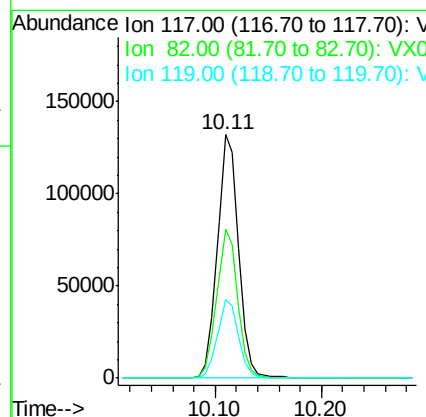
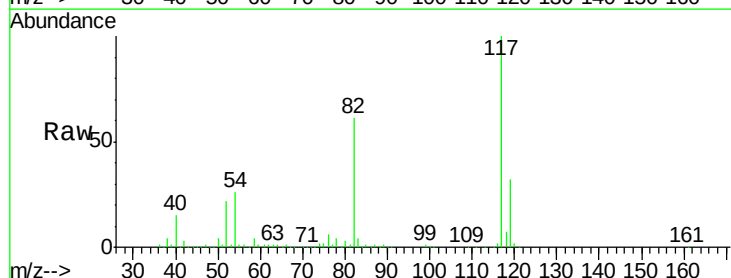
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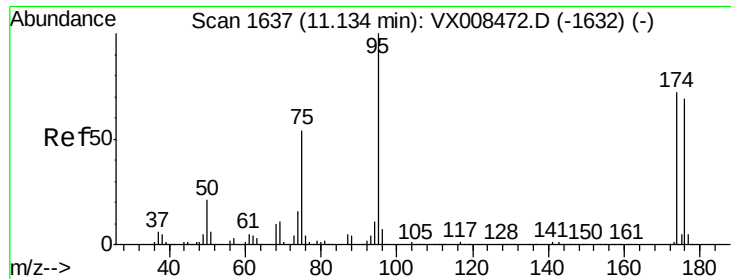
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#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX008481.D
 Acq: 27 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.8	40.4	60.6#
119	32.3	25.8	38.6





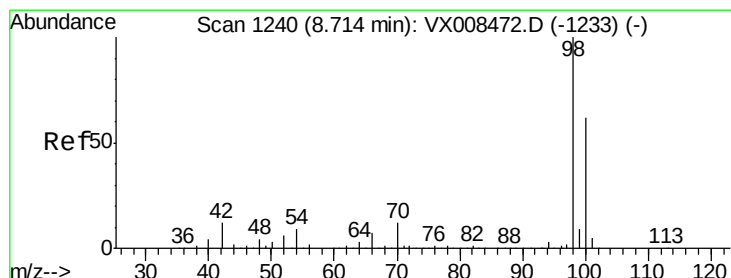
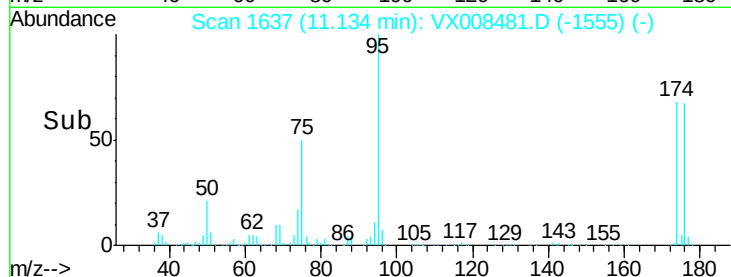
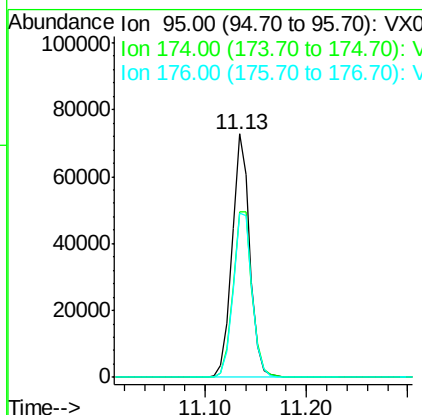
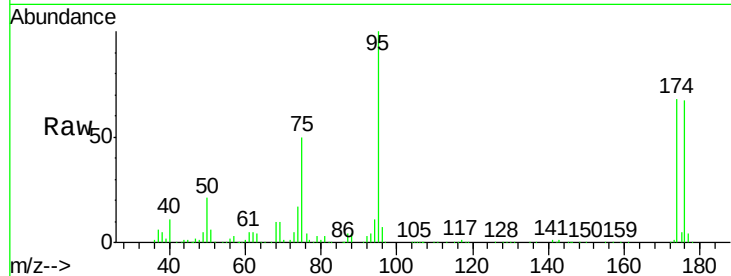
#60
 4-Bromofluorobenzene
 Concen: 28.130 ug/l m
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008481.D
 Acq: 27 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampled :
 TB

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		88270		
174	0.3		74.9	112.3	#
176	0.3		70.7	106.1	#

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#63
 Toluene-d8
 Concen: 30.885 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008481.D
 Acq: 27 Mar 2019 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
98	100		264032		
100	64.5		50.9	76.3	

