

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031519\
 Data File : VL033339.D
 Acq On : 15 Mar 2019 20:18
 Operator : SY/AP
 Sample : 0.4 PPB MDL
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 PPB MDL

Manual Integrations
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MMDadoda
 3/19/2019 9:59:38 AM

Quant Time: Mar 16 04:19:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 16 04:19:31 2019
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	774874	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1774750	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	1804055	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1410853	10.55	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.66	45	12739m	0.673	ppbv	
40) 1,4-Dioxane	8.00	88	8745m	0.418	ppbv	
66) Benzyl Chloride	17.16	91	30980m	0.280	ppbv	
80) Naphthalene,2-methyl-	25.13	142	34229	0.299	ppbv	94

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

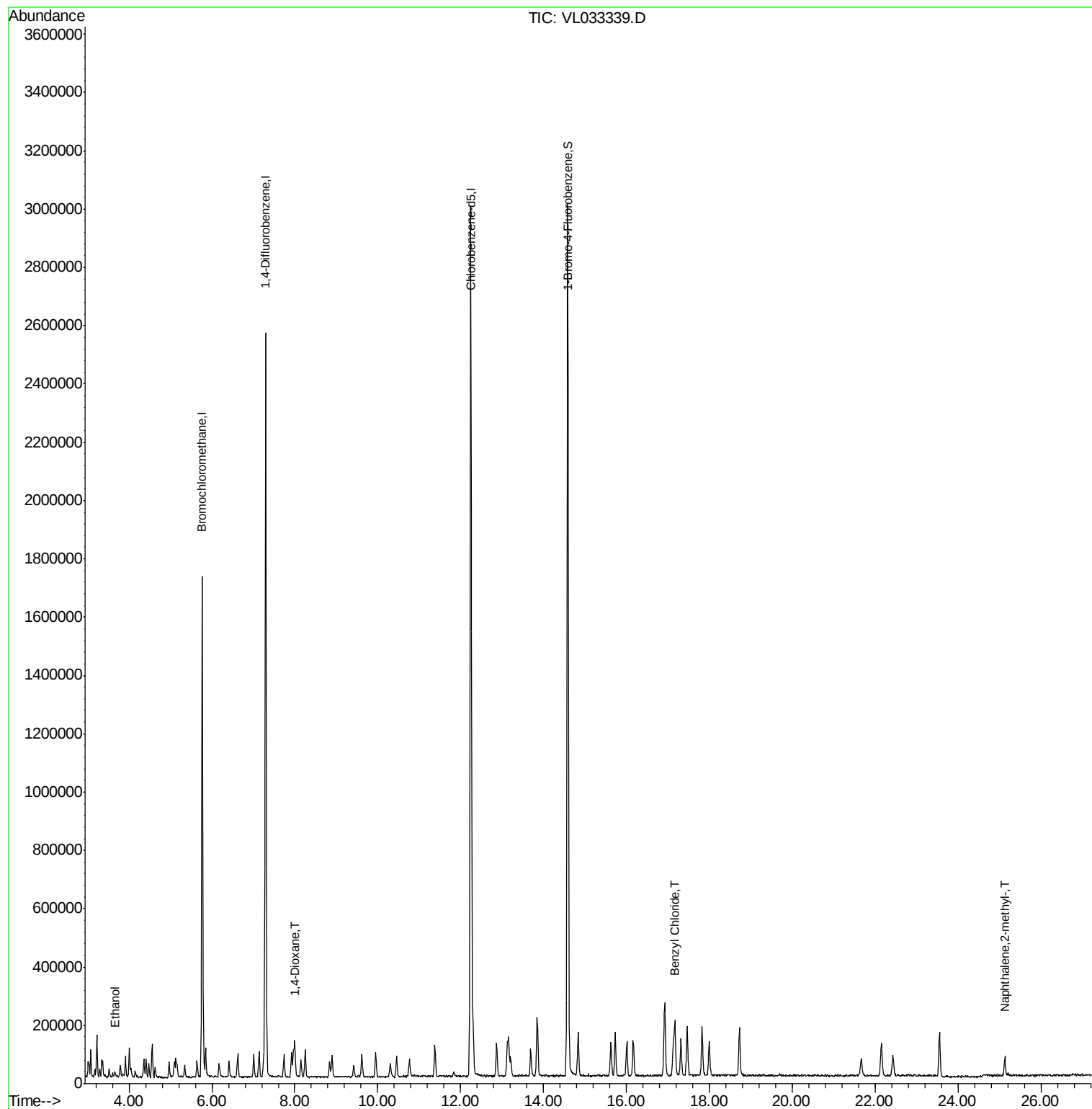
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031519\
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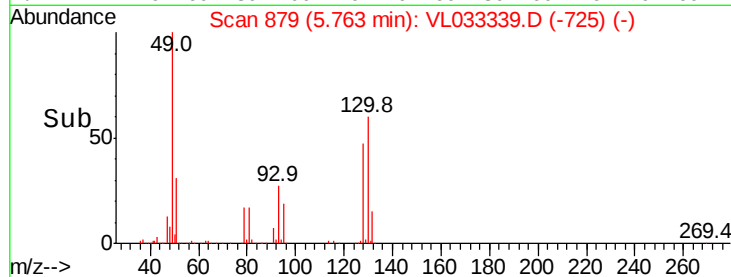
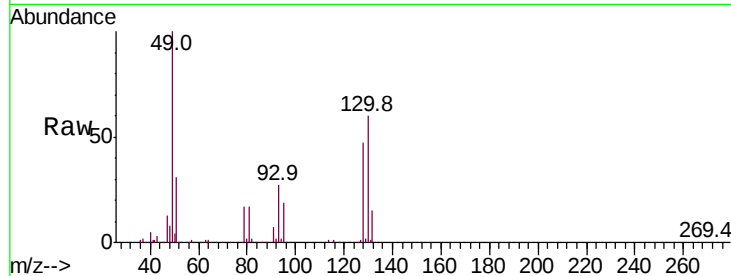
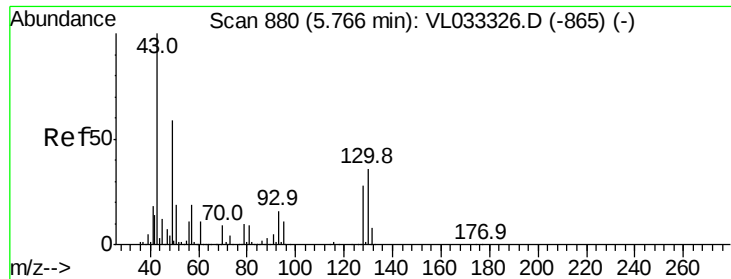
Instrument :
MSVOA_L
ClientSampleId :
0.4 PPB MDL

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Quant Time: Mar 16 04:19:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.00 min

Lab File: VL033339.D

Acq: 15 Mar 2019 20:18

Instrument :

MSVOA_L

ClientSampleId :

0.4 PPB MDL

Tot Ion: 49 Resp: 774874

Ion Ratio Lower Upper

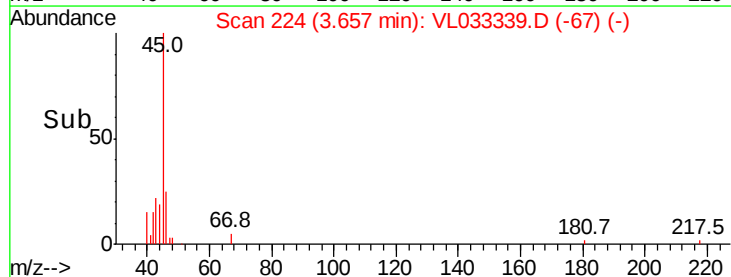
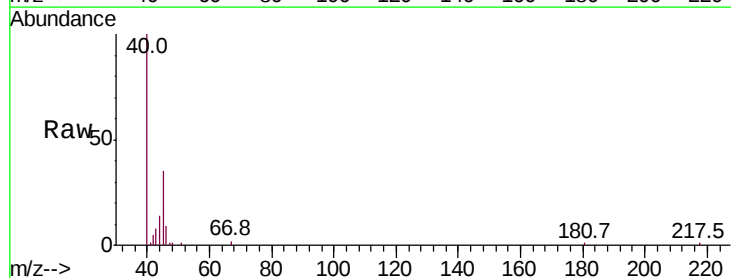
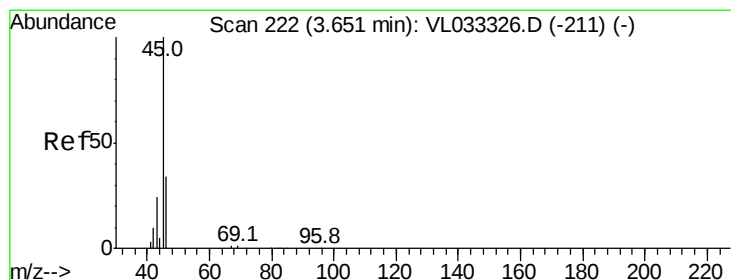
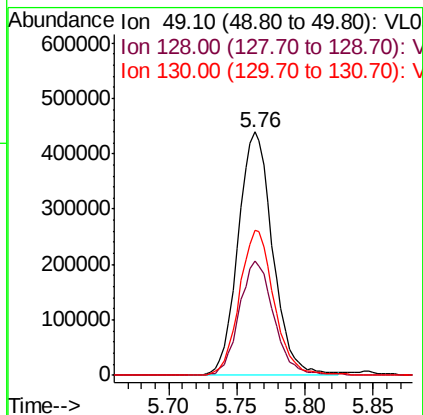
49 100

128 46.9 23.5 70.6

130 59.8 30.1 90.3

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#13

Ethanol

Concen: 0.673 ppbv m

RT: 3.66 min Scan# 224

Delta R.T. 0.01 min

Lab File: VL033339.D

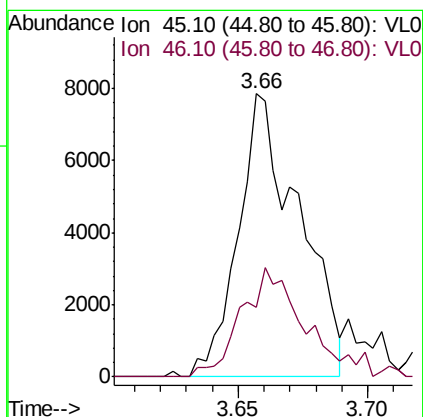
Acq: 15 Mar 2019 20:18

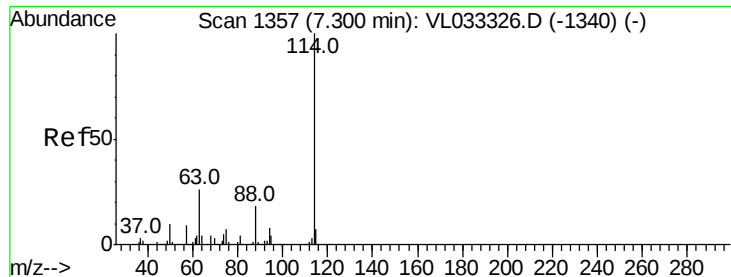
Tgt Ion: 45 Resp: 12739

Ion Ratio Lower Upper

45 100

46 41.8 14.9 59.7





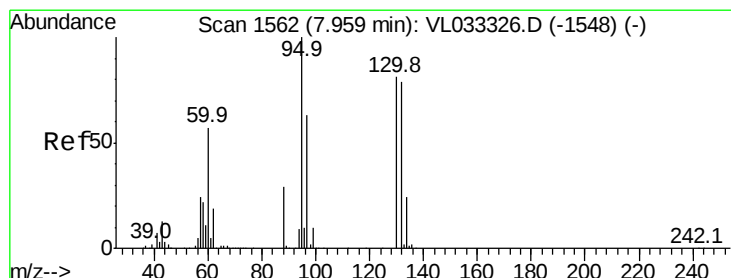
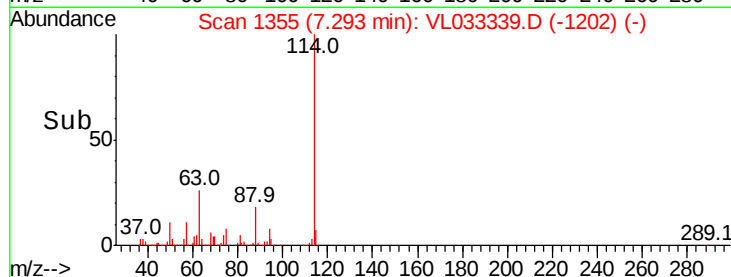
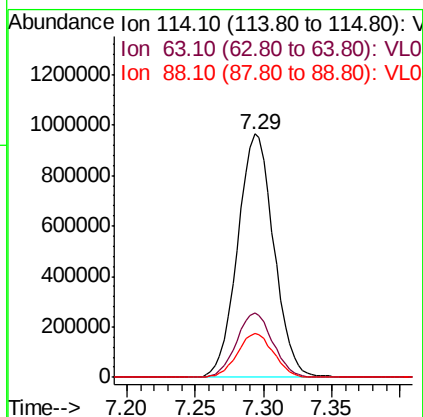
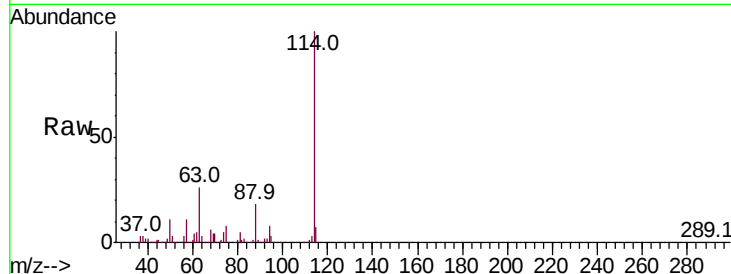
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL033339.D
 Acq: 15 Mar 2019 20:18

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 PPB MDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.6	21.4	32.2
88	18.2	14.5	21.7

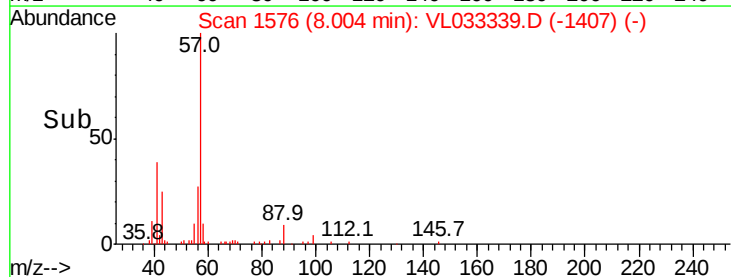
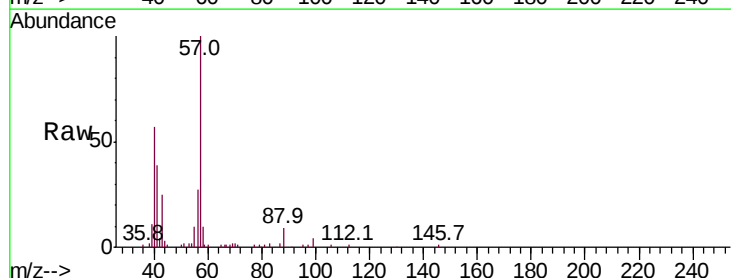
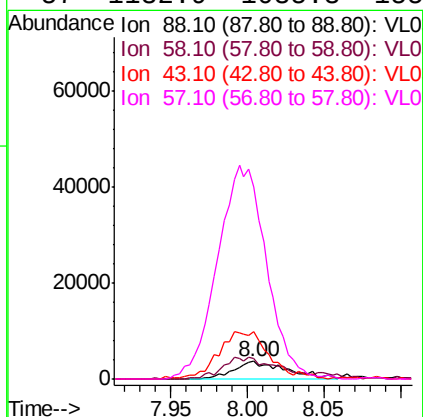
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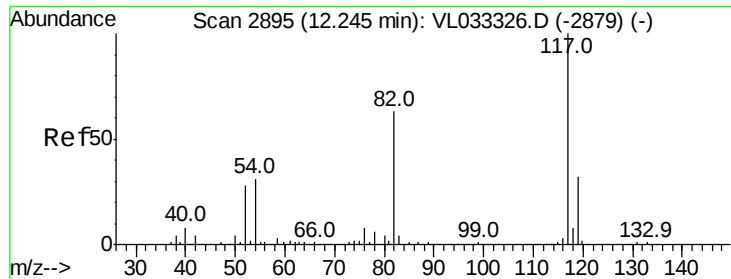
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#40
 1,4-Dioxane
 Concen: 0.418 ppbv m
 RT: 8.00 min Scan# 1576
 Delta R.T. 0.04 min
 Lab File: VL033339.D
 Acq: 15 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	146.5	107.9	161.9
43	269.1	230.8	346.2
57	1132.9	1035.3	1552.9





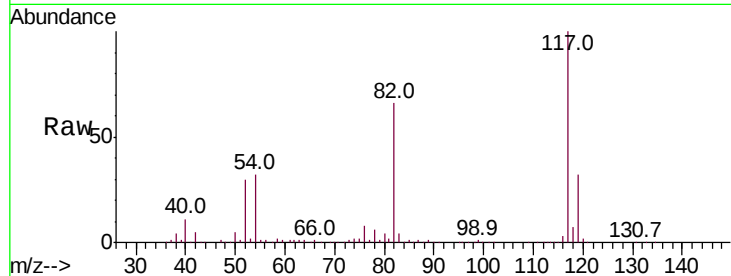
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.00 min
Lab File: VL033339.D
Acq: 15 Mar 2019 20:18

Instrument :
MSVOA_L
ClientSampleId :
0.4 PPB MDL

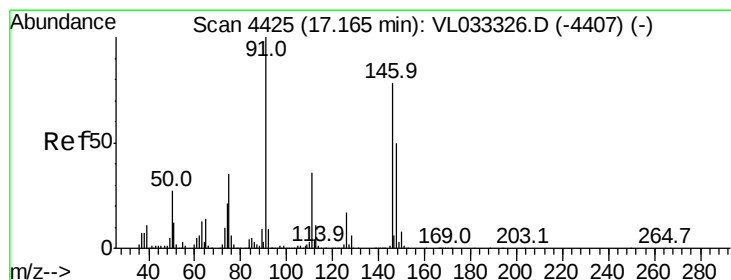
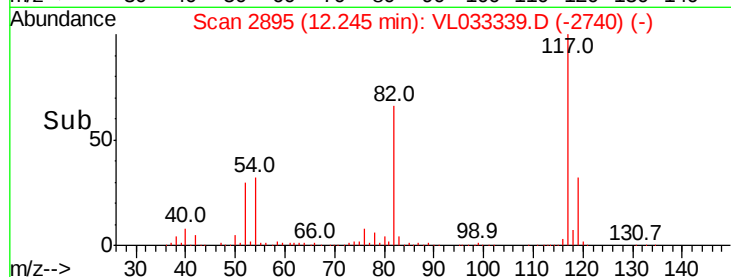
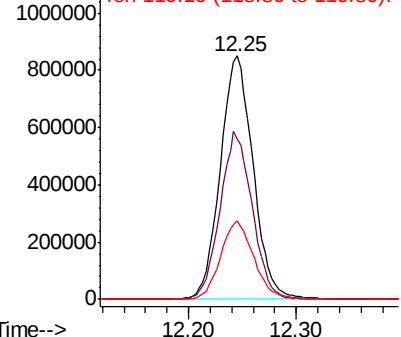
Tot Ion:117 Resp: 1804055
Ion Ratio Lower Upper
117 100
82 67.5 53.4 80.2
119 32.7 27.3 40.9

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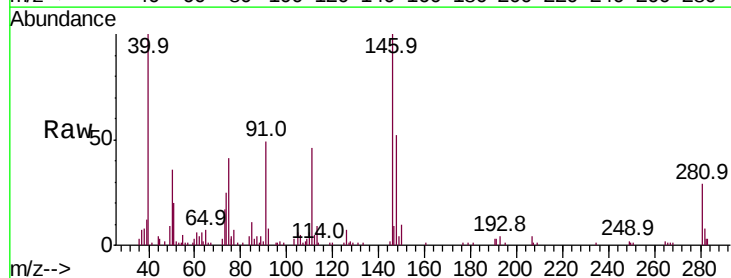


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

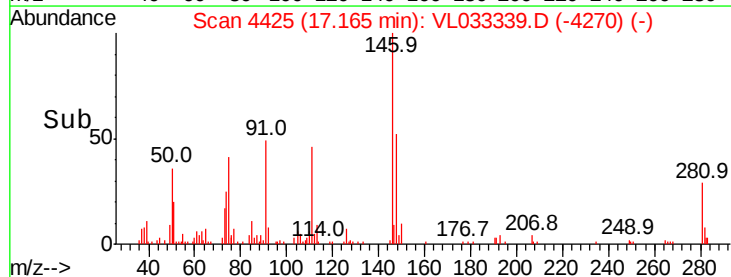
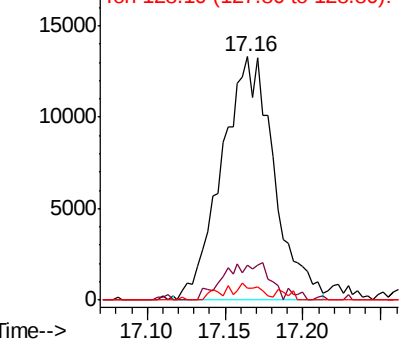


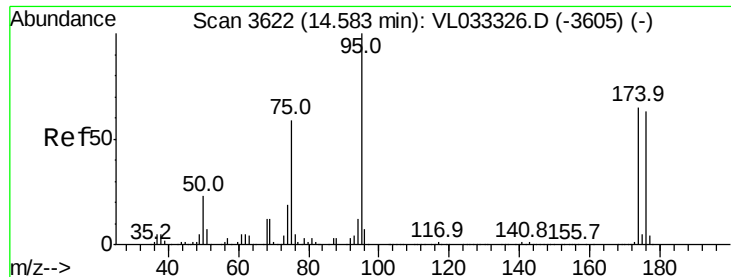
#66
Benzyl Chloride
Concen: 0.280 ppbv m
RT: 17.16 min Scan# 4425
Delta R.T. -0.00 min
Lab File: VL033339.D
Acq: 15 Mar 2019 20:18

Tgt Ion: 91 Resp: 30980
Ion Ratio Lower Upper
91 100
126 0.0 13.2 19.8#
128 5.6 4.2 6.4



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V





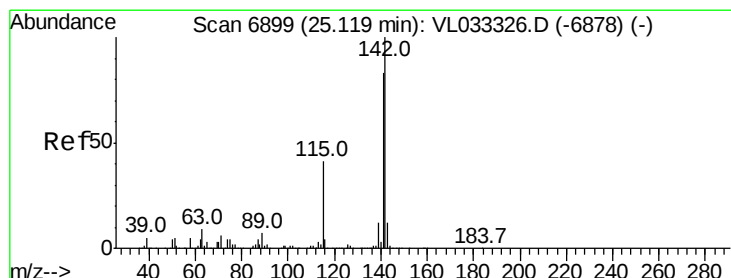
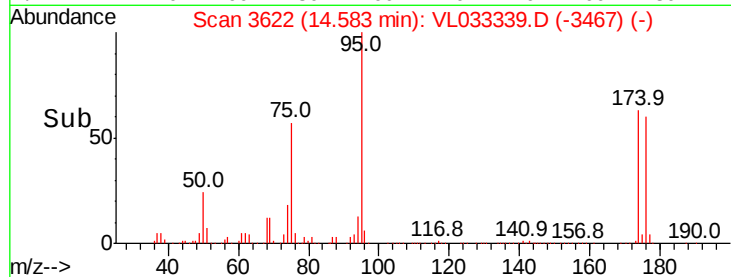
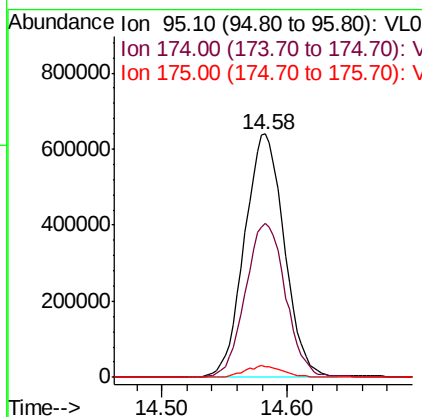
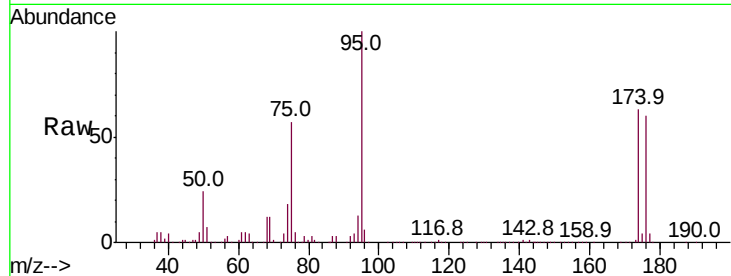
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.554 ppbv
 RT: 14.58 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: VL033339.D
 Acq: 15 Mar 2019 20:18

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 PPB MDL

Tot Ion: 95 Resp: 1410853
 Ion Ratio Lower Upper
 95 100
 174 63.9 51.5 77.3
 175 4.6 3.8 5.6

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#80
 Naphthalene, 2-methyl-
 Concen: 0.299 ppbv
 RT: 25.13 min Scan# 6902
 Delta R.T. 0.01 min
 Lab File: VL033339.D
 Acq: 15 Mar 2019 20:18

Tgt Ion: 142 Resp: 34229
 Ion Ratio Lower Upper
 142 100
 141 89.0 67.1 100.7
 115 45.7 33.8 50.6

