

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031519\
 Data File : VL033337.D
 Acq On : 15 Mar 2019 19:01
 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
 APPROVED

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 3/19/2019 9:59:31 AM

Quant Time: Mar 16 04:14:26 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 04:14:26 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	787845	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1784290	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1907396	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1472838	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.66	45	14177m	0.737	ppbv	
40) 1,4-Dioxane	8.00	88	9720m	0.462	ppbv	
66) Benzyl Chloride	17.16	91	32645	0.279	ppbv	100
80) Naphthalene,2-methyl-	25.12	142	36682	0.303	ppbv	99

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

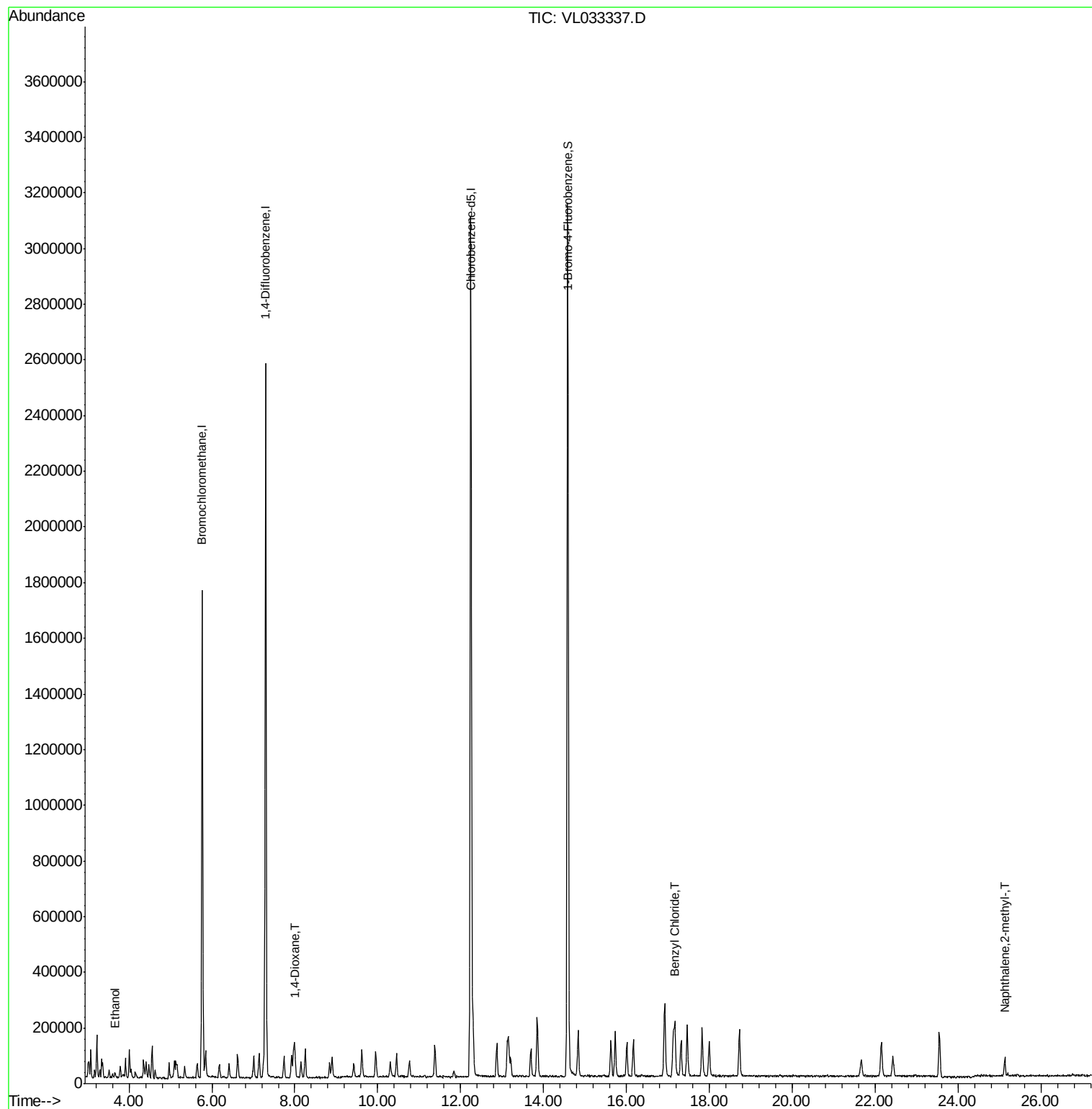
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031519\
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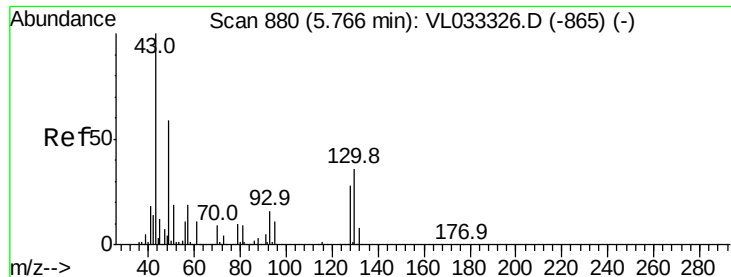
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Quant Time: Mar 16 04:14:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.00 min

Lab File: VL033337.D

Acq: 15 Mar 2019 19:01

Instrument :

MSVOA_L

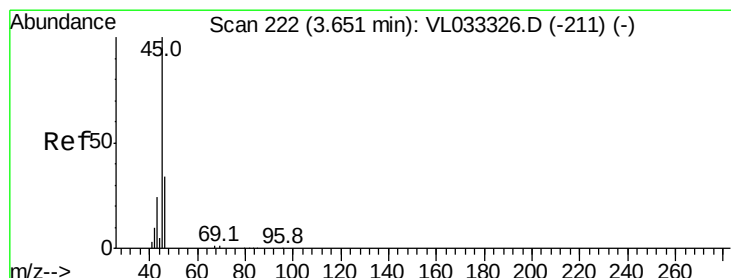
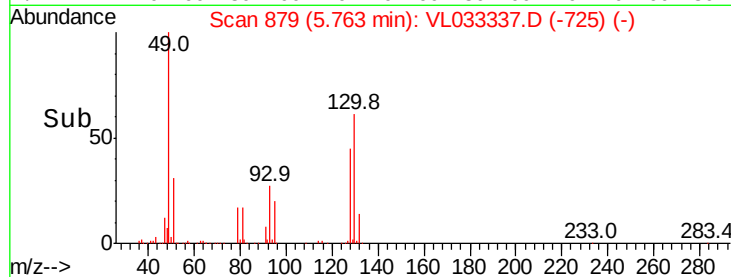
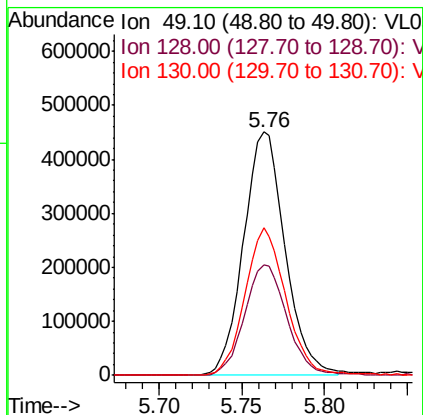
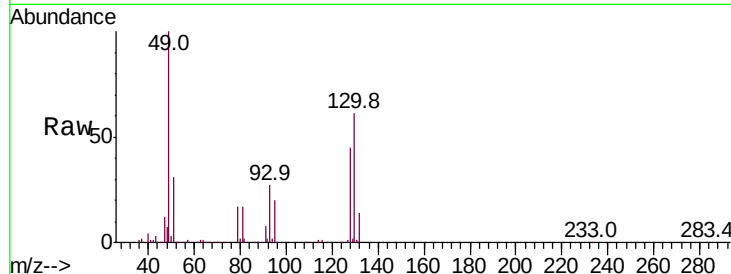
ClientSampleId :

0.4 PPB MDL

Tot Ion:	49	Resp:	787845
Ion Ratio	Lower	Upper	
49	100		
128	46.6	23.5	70.6
130	60.1	30.1	90.3

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#13

Ethanol

Concen: 0.737 ppbv m

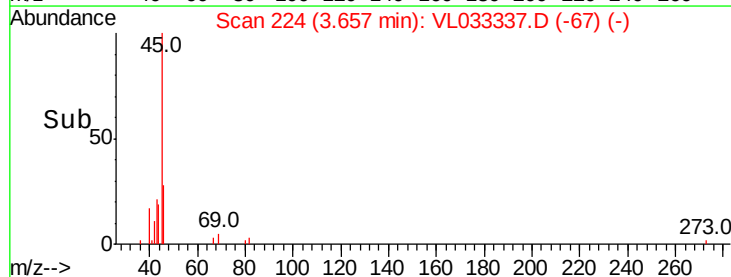
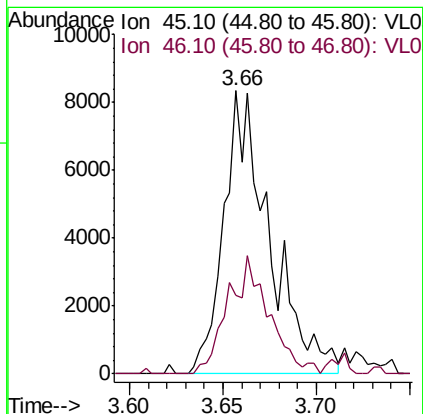
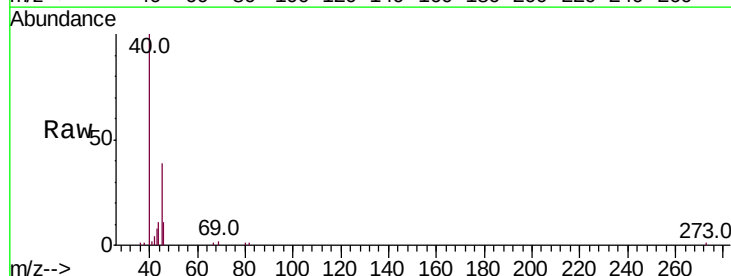
RT: 3.66 min Scan# 224

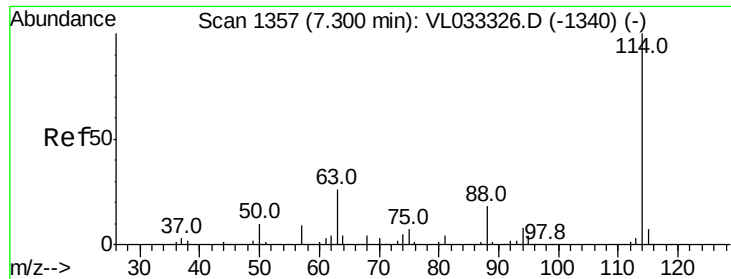
Delta R.T. 0.01 min

Lab File: VL033337.D

Acq: 15 Mar 2019 19:01

Tgt Ion:	45	Resp:	14177
Ion Ratio	Lower	Upper	
45	100		
46	40.4	14.9	59.7





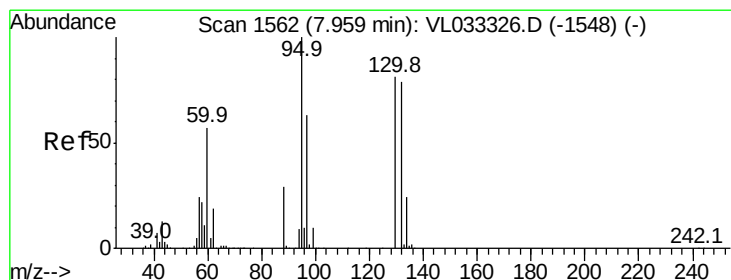
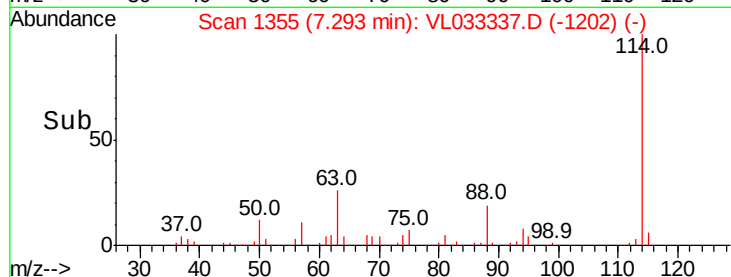
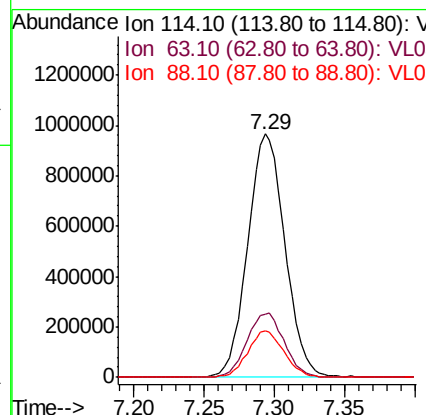
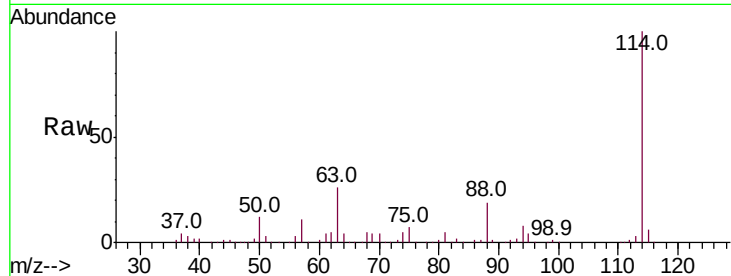
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL033337.D
 Acq: 15 Mar 2019 19:01

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 PPB MDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.4	32.2
88	18.6	14.5	21.7

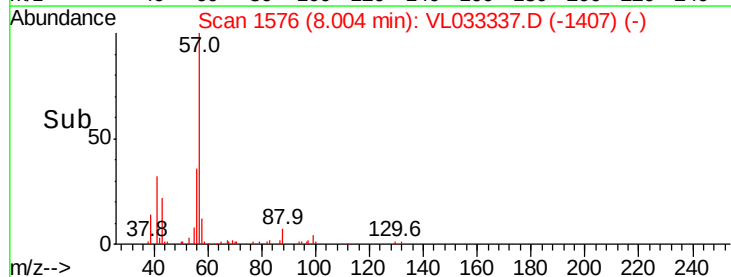
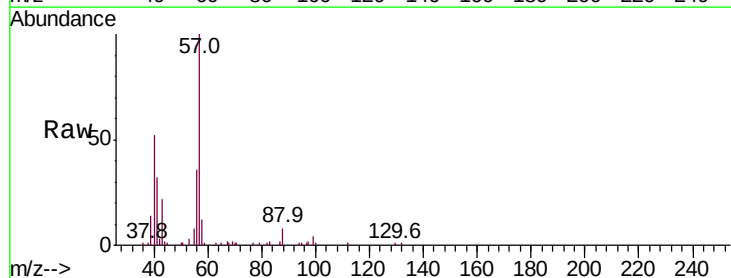
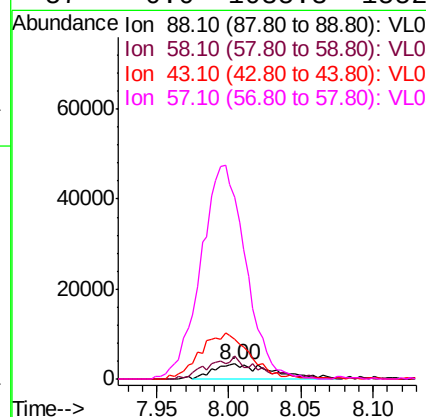
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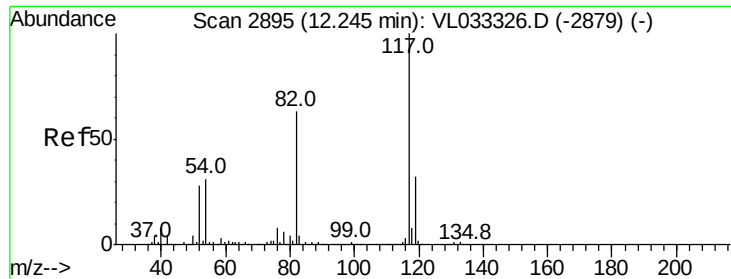
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#40
 1,4-Dioxane
 Concen: 0.462 ppbv m
 RT: 8.00 min Scan# 1576
 Delta R.T. 0.04 min
 Lab File: VL033337.D
 Acq: 15 Mar 2019 19:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	107.9	161.9#
43	0.0	230.8	346.2#
57	0.0	1035.3	1552.9#





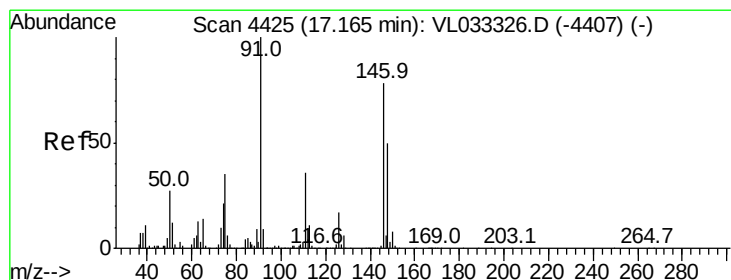
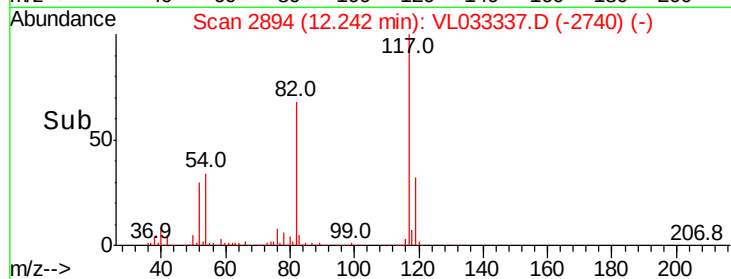
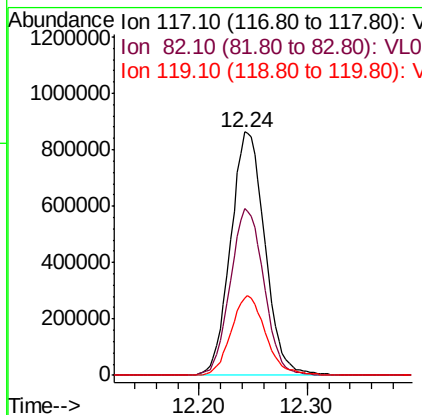
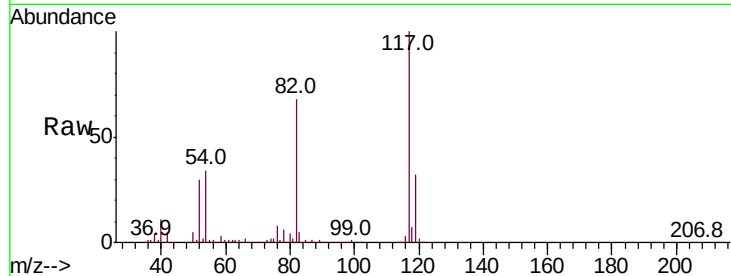
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL033337.D
Acq: 15 Mar 2019 19:01

Instrument :
MSVOA_L
ClientSampleId :
0.4 PPB MDL

Tot Ion:117 Resp: 1907396
Ion Ratio Lower Upper
117 100
82 67.7 53.4 80.2
119 33.1 27.3 40.9

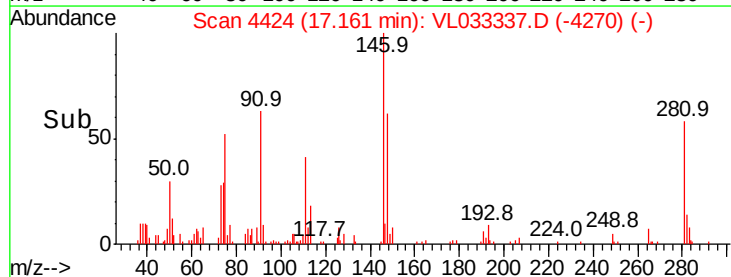
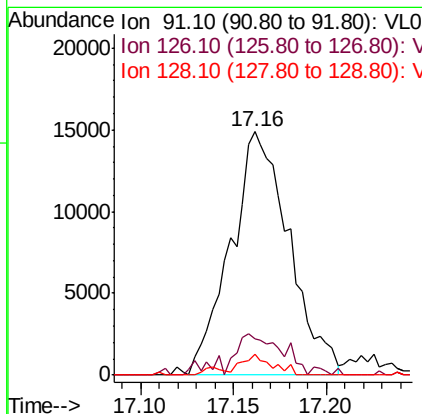
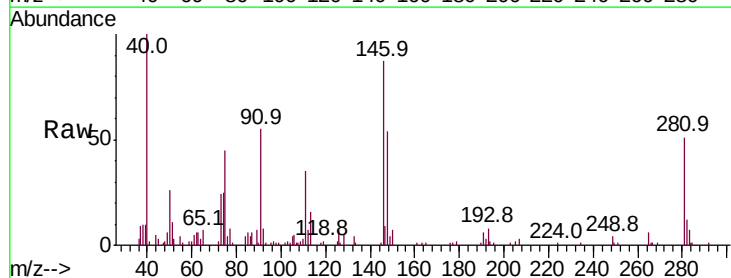
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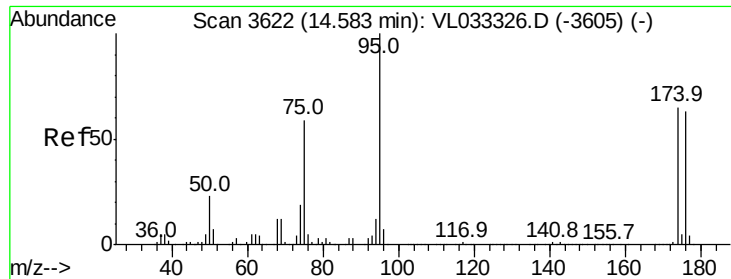
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#66
Benzyl Chloride
Concen: 0.279 ppbv
RT: 17.16 min Scan# 4424
Delta R.T. -0.00 min
Lab File: VL033337.D
Acq: 15 Mar 2019 19:01

Tgt Ion: 91 Resp: 32645
Ion Ratio Lower Upper
91 100
126 16.3 13.2 19.8
128 5.4 4.2 6.4





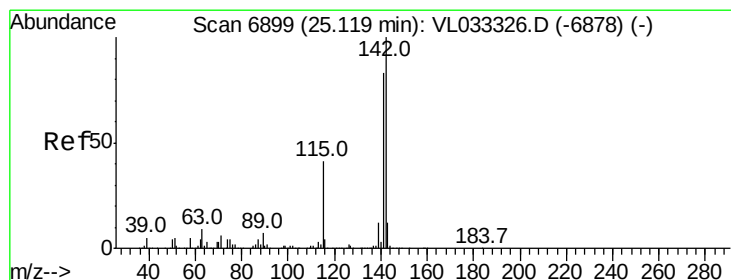
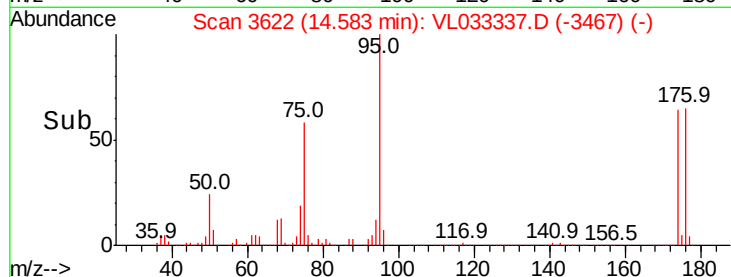
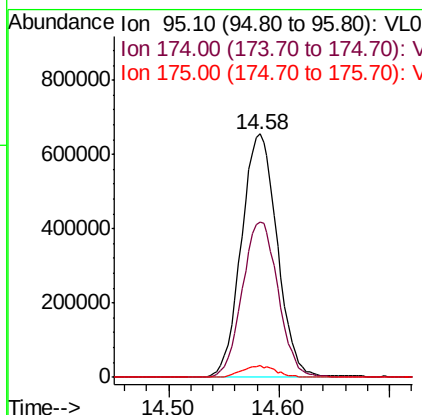
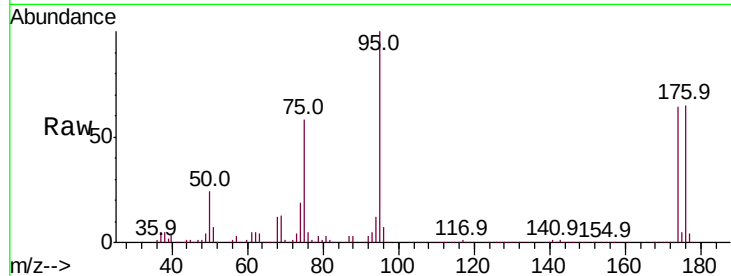
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.421 ppbv
 RT: 14.58 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: VL033337.D
 Acq: 15 Mar 2019 19:01

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 PPB MDL

Tot Ion: 95 Resp: 1472838
 Ion Ratio Lower Upper
 95 100
 174 64.3 51.5 77.3
 175 4.7 3.8 5.6

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#80
 Naphthalene, 2-methyl-
 Concen: 0.303 ppbv
 RT: 25.12 min Scan# 6900
 Delta R.T. 0.00 min
 Lab File: VL033337.D
 Acq: 15 Mar 2019 19:01

Tgt Ion: 142 Resp: 36682
 Ion Ratio Lower Upper
 142 100
 141 85.3 67.1 100.7
 115 41.5 33.8 50.6

