

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101118\
 Data File : VL032608.D
 Acq On : 11 Oct 2018 17:22
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 2:07:32 PM

Quant Time: Oct 12 02:23:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 08 2018
 QLast Update : Mon Oct 01 06:49:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1359138	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2870501	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	2979258	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2137649	9.51	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.67	45	38204m	2.592	ppbv	
15) Acetone	3.93	43	53484	0.448	ppbv	97
20) Methylene Chloride	4.43	84	94125	1.629	ppbv	97
26) Hexane	5.80	57	85641	0.655	ppbv #	45

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

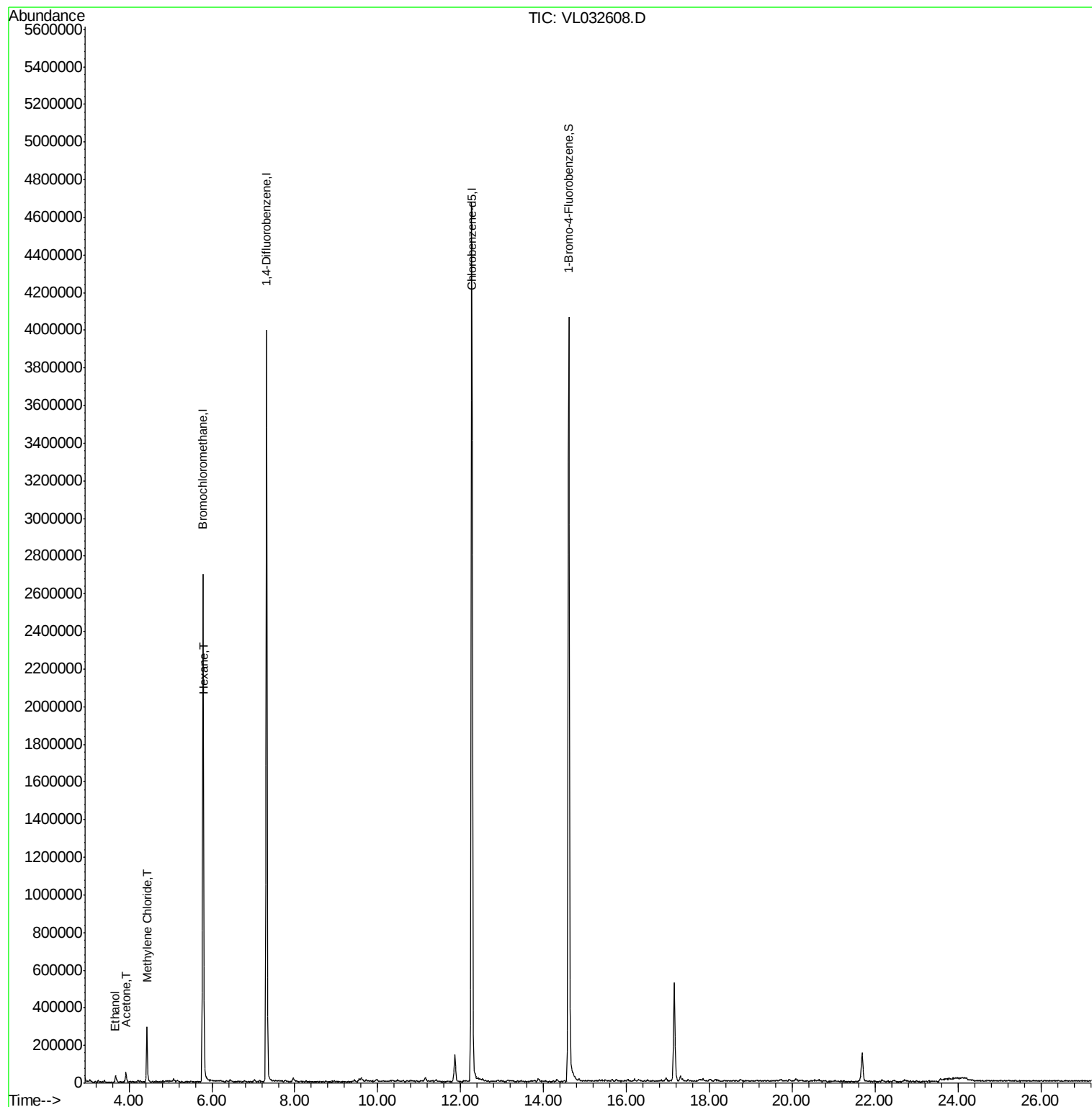
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101118\
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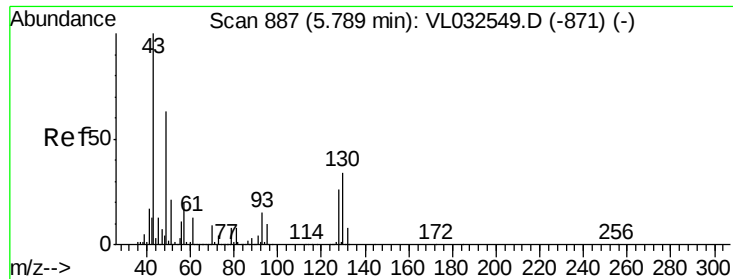
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QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL032608.D

Acq: 11 Oct 2018 17:22

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1359138

Ion Ratio Lower Upper

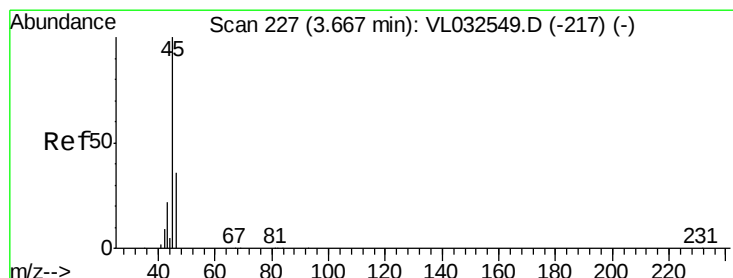
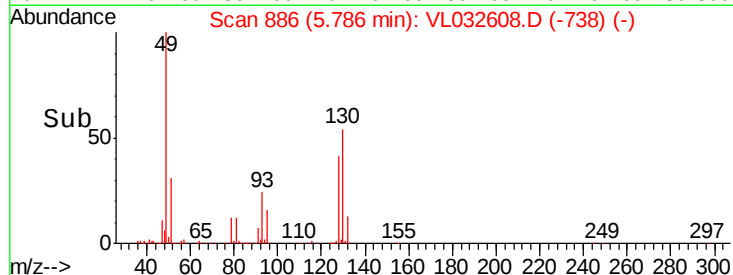
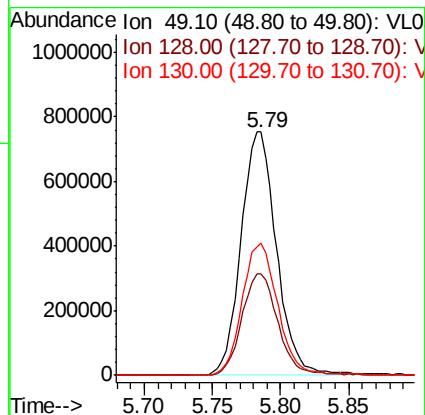
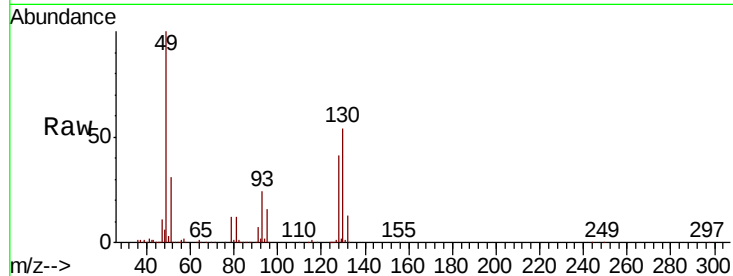
49 100

128 42.6 20.7 62.1

130 55.1 26.6 79.7

Manual Integrations
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#13

Ethanol

Concen: 2.592 ppbv m

RT: 3.67 min Scan# 228

Delta R.T. -0.01 min

Lab File: VL032608.D

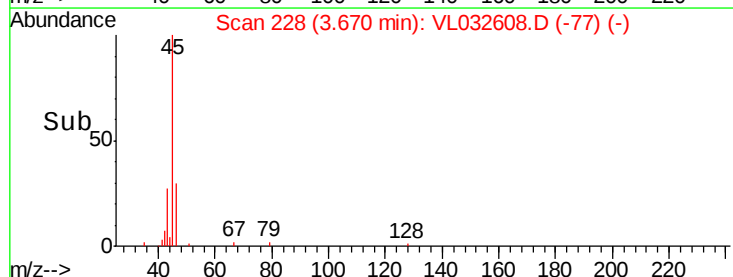
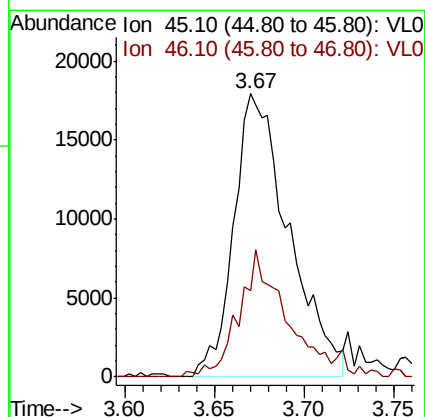
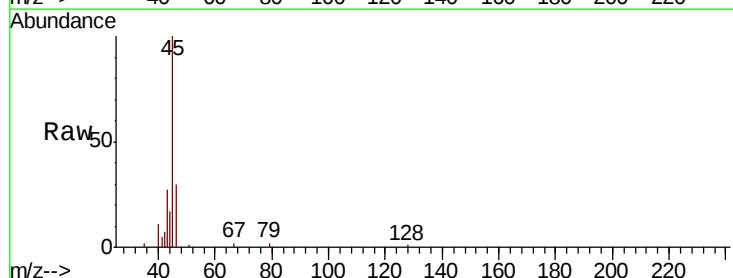
Acq: 11 Oct 2018 17:22

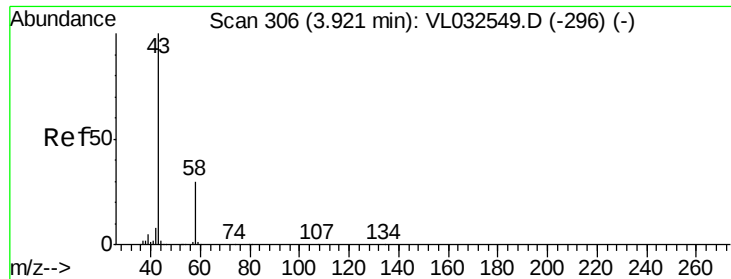
Tgt Ion: 45 Resp: 38204

Ion Ratio Lower Upper

45 100

46 41.1 14.2 56.8





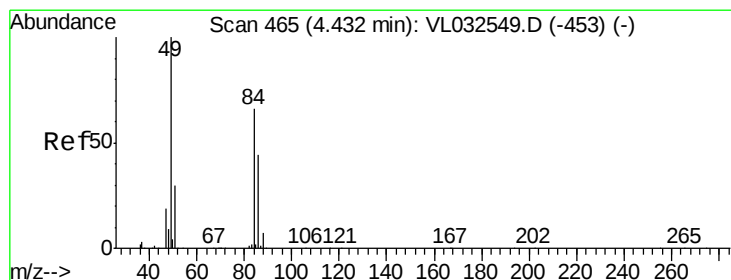
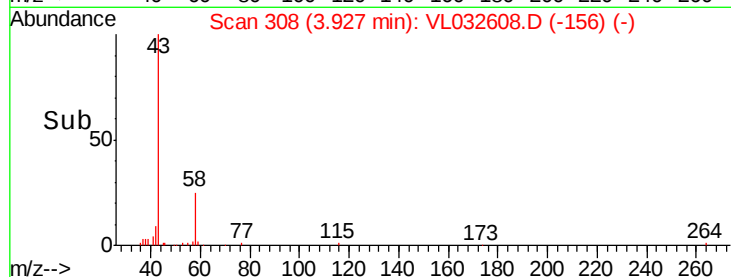
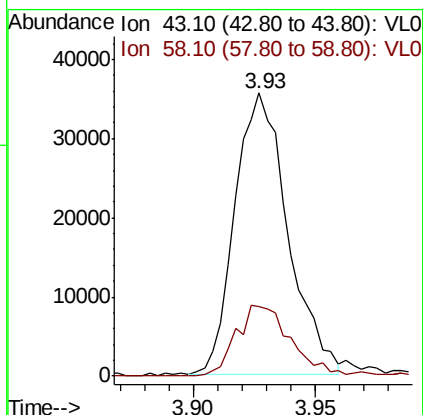
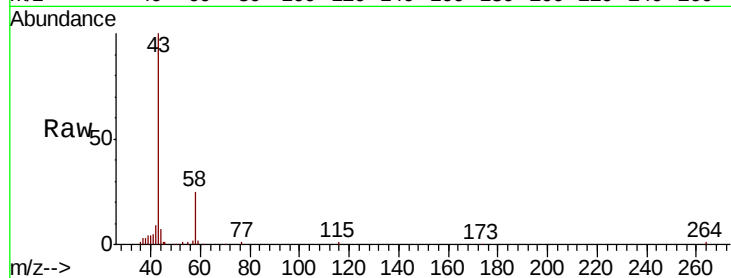
#15
Acetone
Concen: 0.448 ppbv
RT: 3.93 min Scan# 308
Delta R.T. -0.01 min
Lab File: VL032608.D
Acq: 11 Oct 2018 17:22

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion: 43 Resp: 53484
Ion Ratio Lower Upper
43 100
58 26.6 22.6 33.8

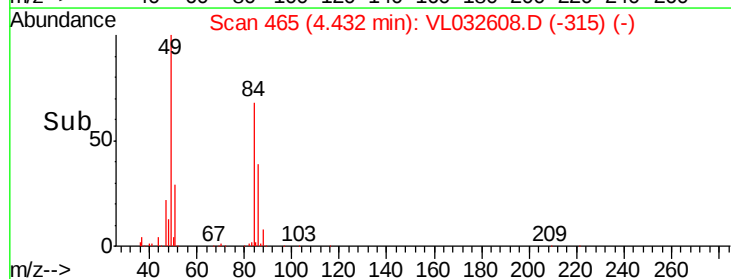
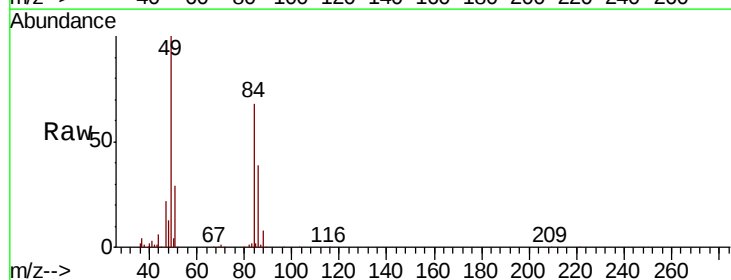
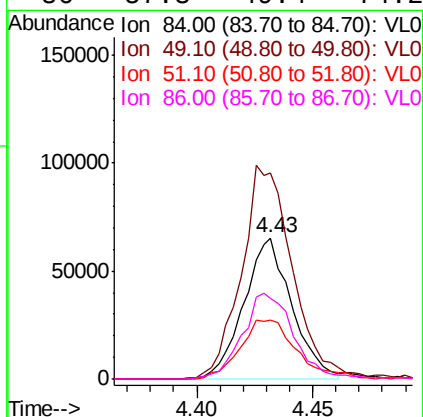
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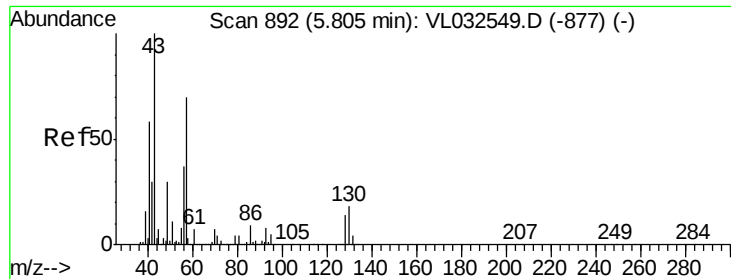
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#20
Methylene Chloride
Concen: 1.629 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL032608.D
Acq: 11 Oct 2018 17:22

Tgt Ion: 84 Resp: 94125
Ion Ratio Lower Upper
84 100
49 146.1 119.1 178.7
51 42.3 35.2 52.8
86 57.3 49.4 74.2





#26

Hexane

Concen: 0.655 ppbv

RT: 5.80 min Scan# 892

Delta R.T. -0.02 min

Lab File: VL032608.D

Acq: 11 Oct 2018 17:22

Instrument :

MSVOA_L

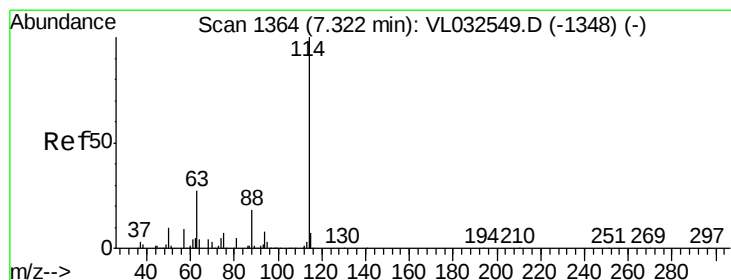
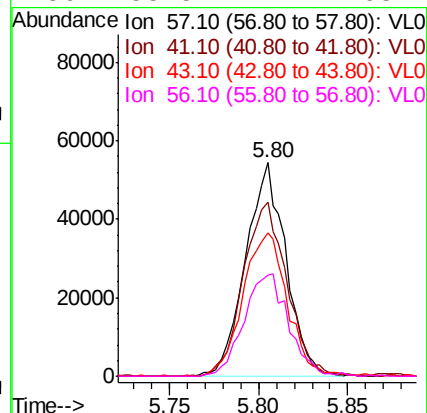
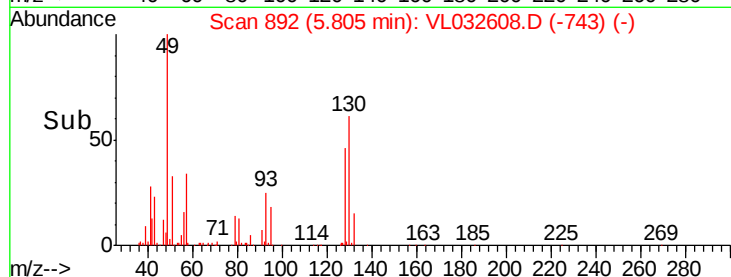
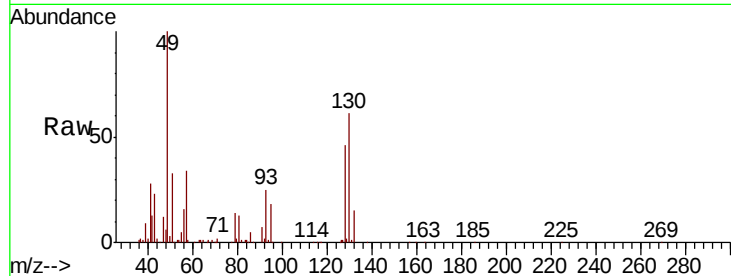
ClientSampled :

VIBLK

Tot Ion	57	Resp	85641
Ion	Ratio	Lower	Upper
57	100		
41	88.6	69.0	103.4
43	74.7	172.1	258.1#
56	53.5	42.2	63.2

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

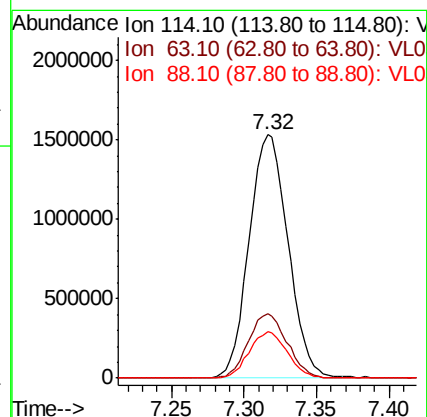
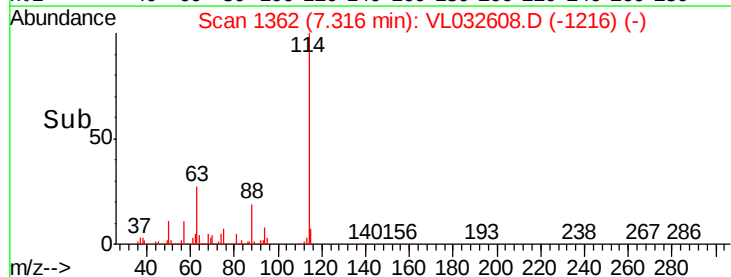
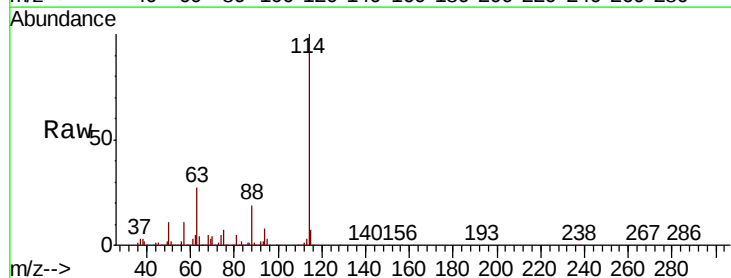
RT: 7.32 min Scan# 1362

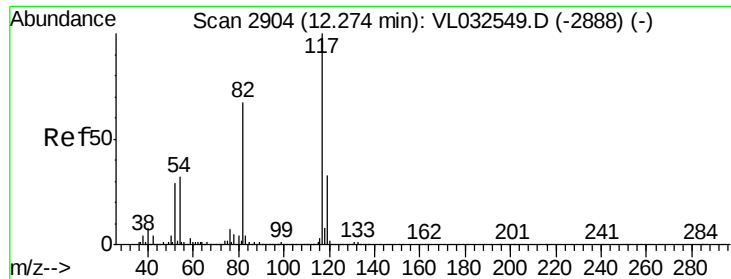
Delta R.T. -0.03 min

Lab File: VL032608.D

Acq: 11 Oct 2018 17:22

Tgt Ion	114	Resp	2870501
Ion	Ratio	Lower	Upper
114	100		
63	26.5	22.2	33.4
88	18.7	15.0	22.4





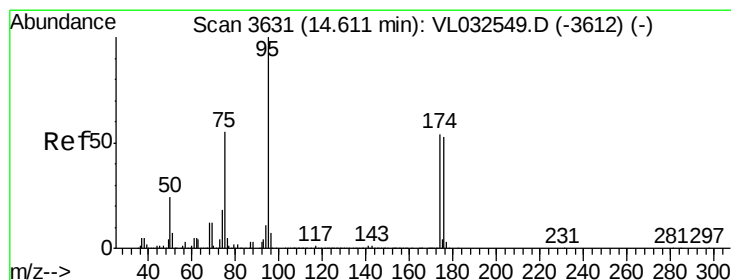
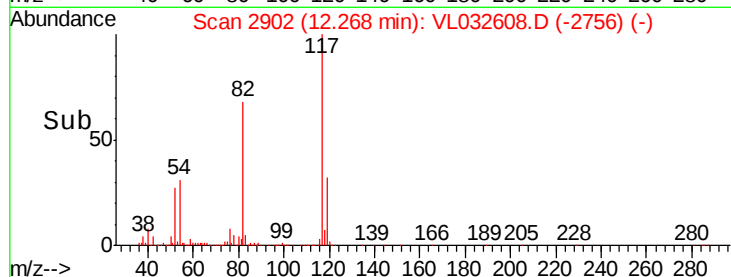
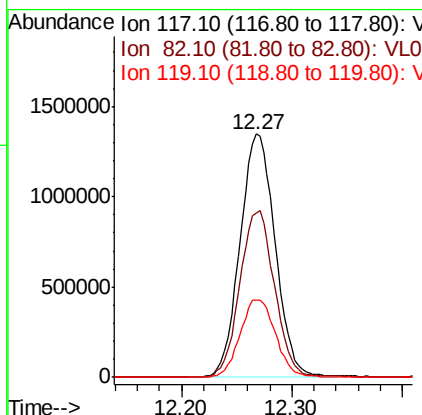
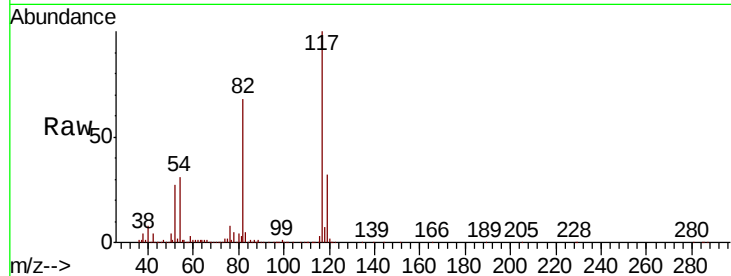
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032608.D
Acq: 11 Oct 2018 17:22

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.1	53.0	79.6
119	32.4	45.9	68.9#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.515 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032608.D
Acq: 11 Oct 2018 17:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	57.5	46.3	69.5
175	4.1	3.4	5.0

