

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101118\
 Data File : VL032617.D
 Acq On : 11 Oct 2018 23:26
 Operator : SY/AP
 Sample : J5370-02DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 Q2-SVI-100518DL2

Manual Integrations
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Quant Time: Oct 12 03:20:14 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	1392043	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3064061	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3188967	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2323692	9.66	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	167099	3.327	ppbv	92
15) Acetone	3.92	43	1073457	8.785	ppbv	97
17) tert-Butyl alcohol	4.40	59	16063m	1.046	ppbv	
34) 2-Butanone	5.35	43	375395	2.057	ppbv	98
36) Benzene	7.03	78	63644	0.257	ppbv	96

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

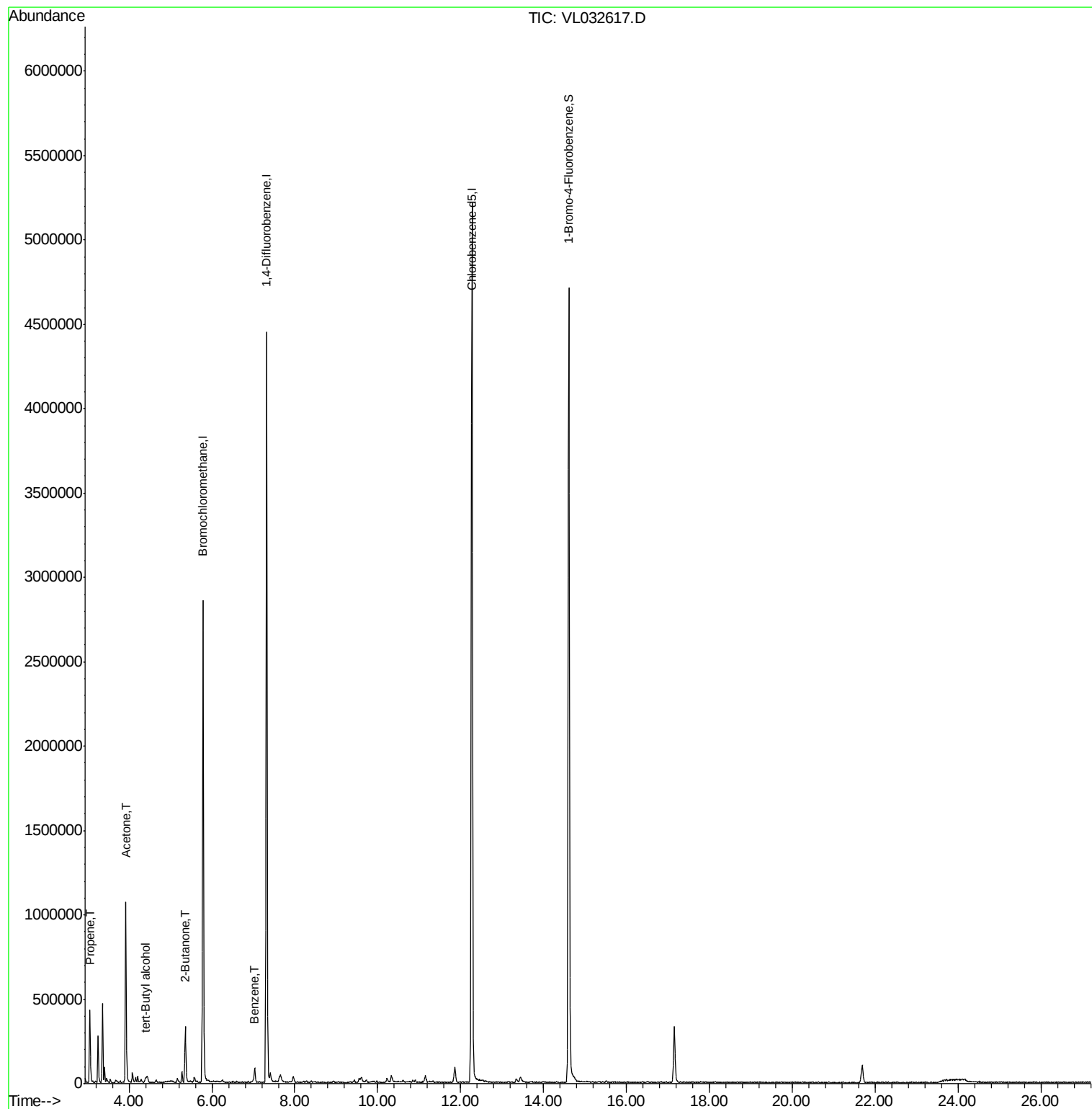
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101118\
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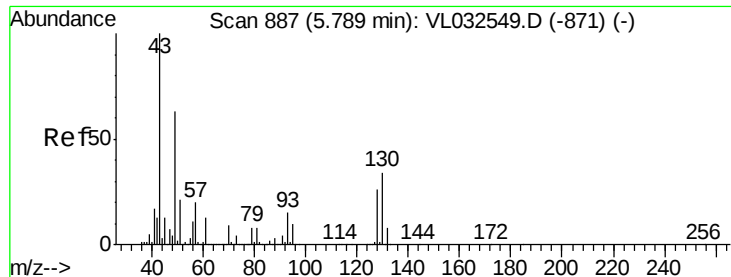
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
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QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.79 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL032617.D

Acq: 11 Oct 2018 23:26

Instrument :

MSVOA_L

ClientSampleId :

Q2-SVI-100518DL2

Tot Ion: 49 Resp: 1392043

Ion Ratio Lower Upper

49 100

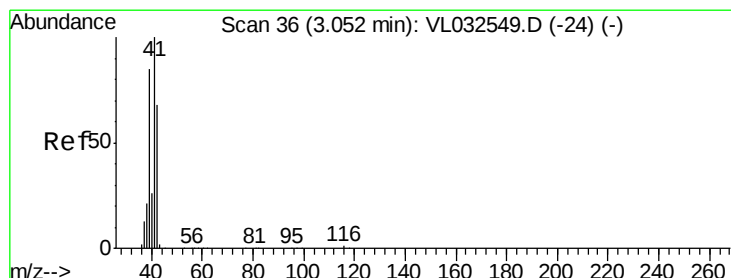
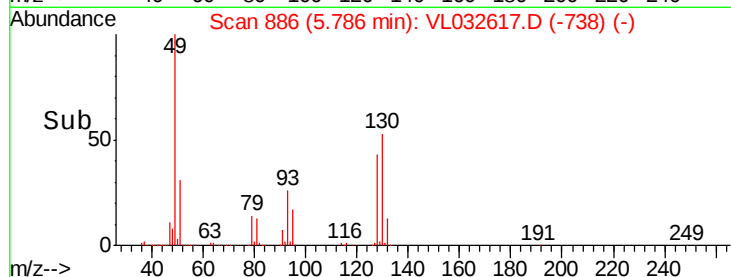
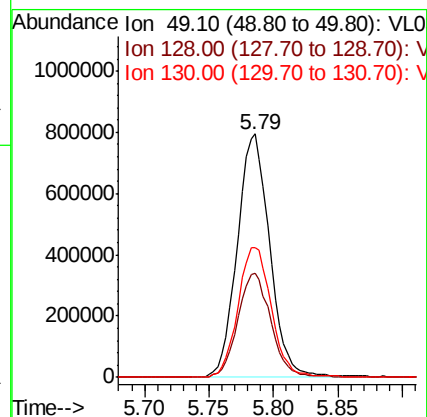
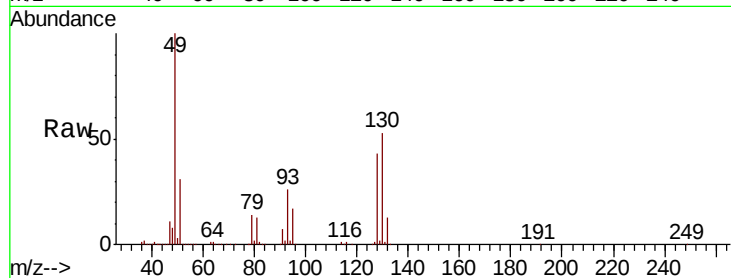
128 43.7 20.7 62.1

130 55.1 26.6 79.7

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#9

Propene

Concen: 3.327 ppbv

RT: 3.05 min Scan# 36

Delta R.T. -0.01 min

Lab File: VL032617.D

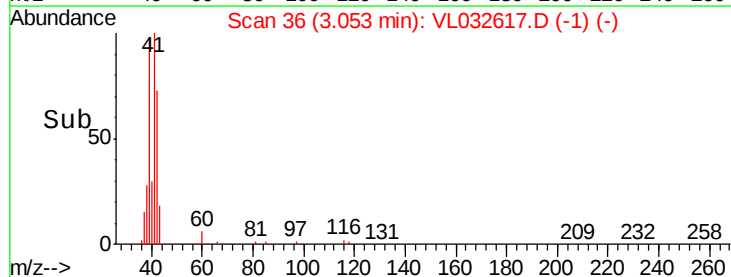
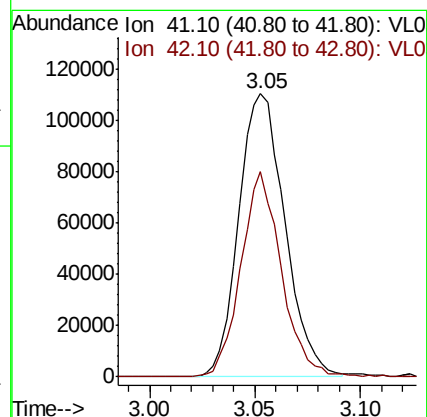
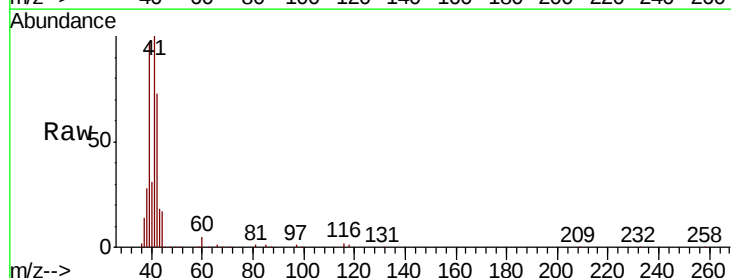
Acq: 11 Oct 2018 23:26

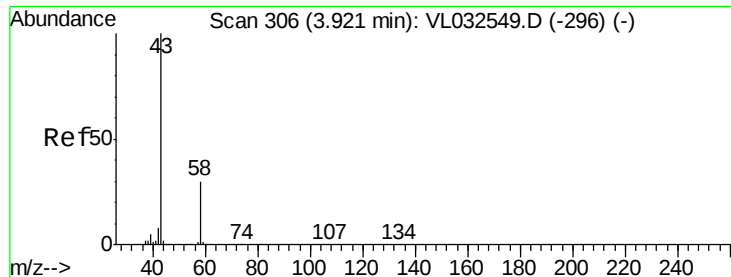
Tgt Ion: 41 Resp: 167099

Ion Ratio Lower Upper

41 100

42 64.4 56.6 84.8





#15

Acetone

Concen: 8.785 ppbv

RT: 3.92 min Scan# 306

Delta R.T. -0.02 min

Lab File: VL032617.D

Acq: 11 Oct 2018 23:26

Instrument :

MSVOA_L

ClientSampleId :

Q2-SVI-100518DL2

Tot Ion: 43 Resp: 1073457

Ion Ratio Lower Upper

43 100

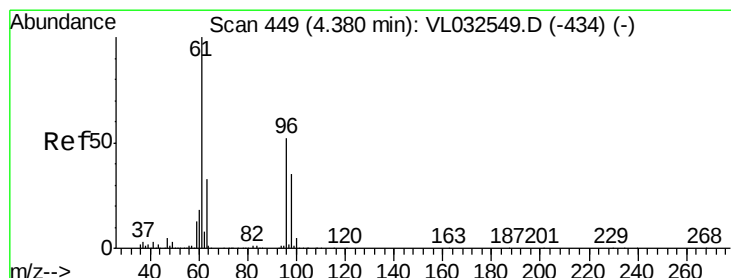
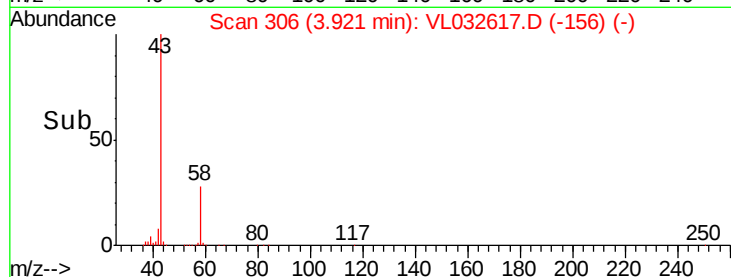
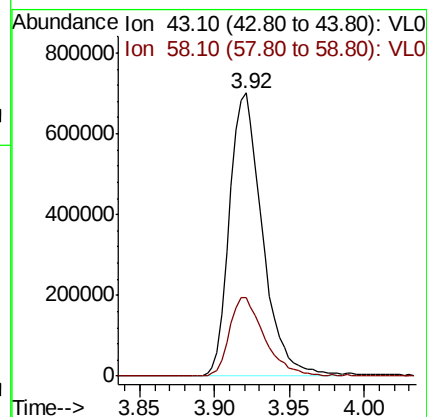
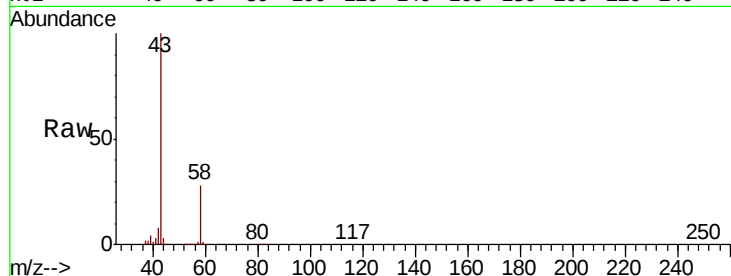
58 30.0 22.6 33.8

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#17

tert-Butyl alcohol

Concen: 1.046 ppbv m

RT: 4.40 min Scan# 455

Delta R.T. -0.01 min

Lab File: VL032617.D

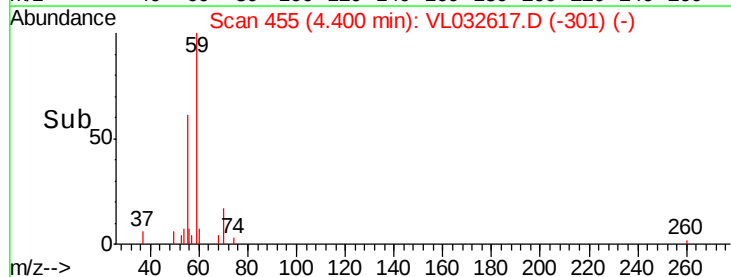
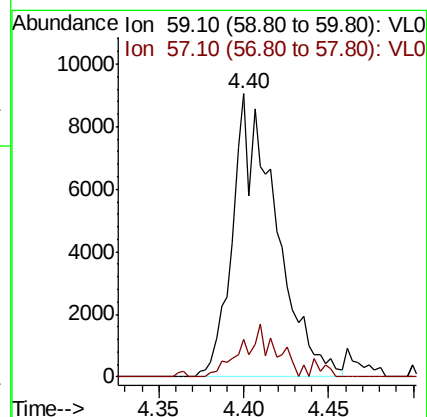
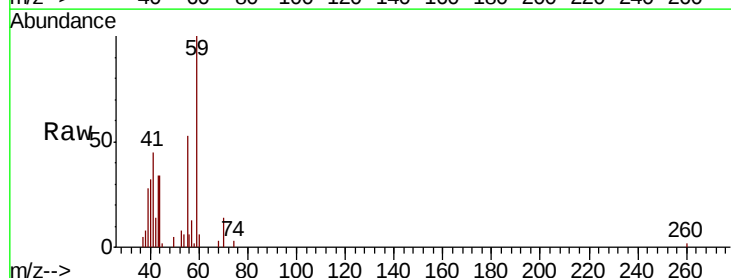
Acq: 11 Oct 2018 23:26

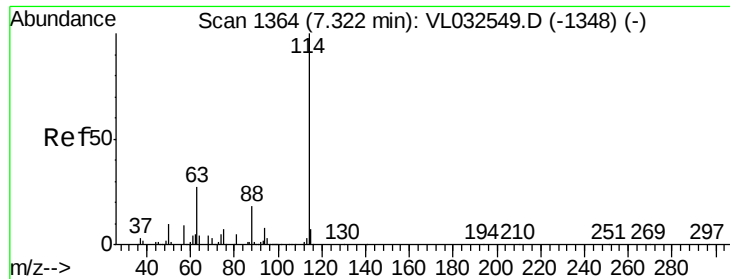
Tgt Ion: 59 Resp: 16063

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0





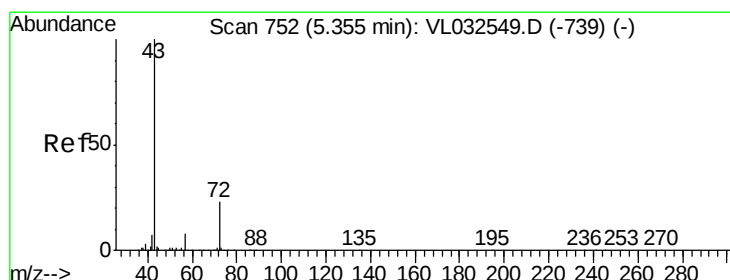
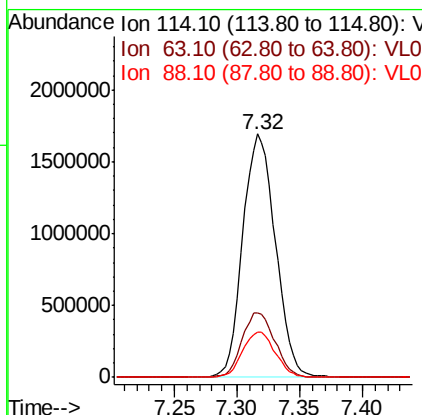
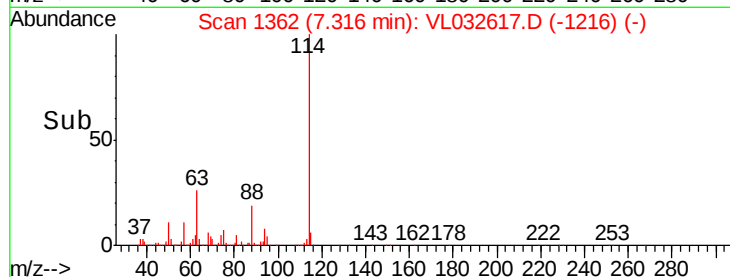
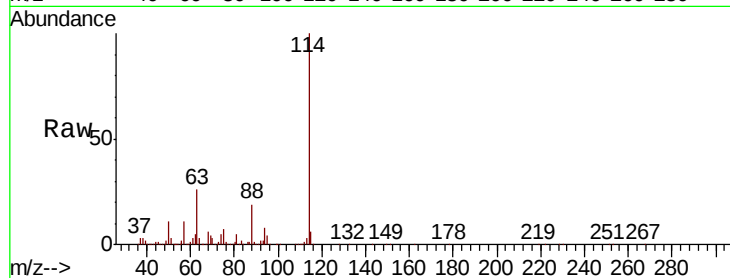
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.32 min Scan# 1362
 Delta R.T. -0.03 min
 Lab File: VL032617.D
 Acq: 11 Oct 2018 23:26

Instrument :
 MSVOA_L
 ClientSampleId :
 Q2-SVI-100518DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.8	22.2	33.4
88	18.7	15.0	22.4

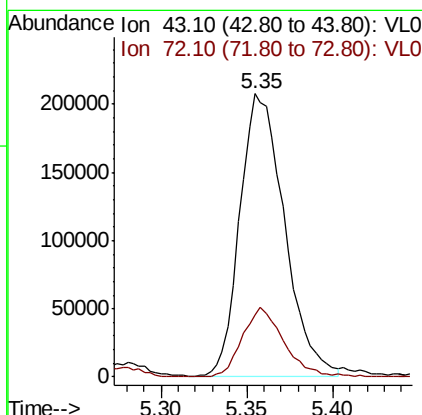
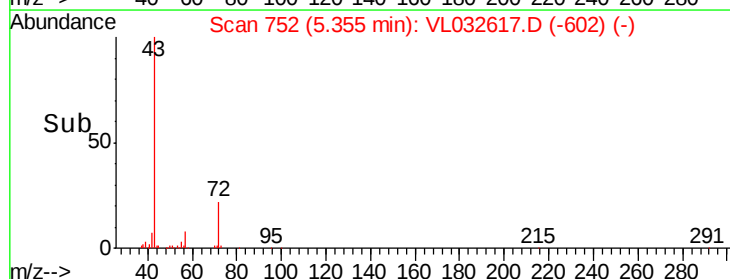
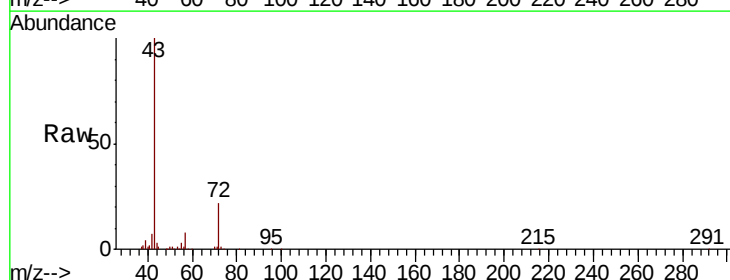
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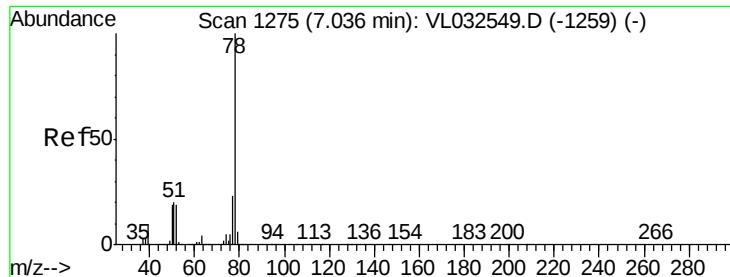
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#34
 2-Butanone
 Concen: 2.057 ppbv
 RT: 5.35 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: VL032617.D
 Acq: 11 Oct 2018 23:26

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.9	17.8	26.6





#36

Benzene

Concen: 0.257 ppbv

RT: 7.03 min Scan# 1273

Delta R.T. -0.03 min

Lab File: VL032617.D

Acq: 11 Oct 2018 23:26

Instrument :

MSVOA_L

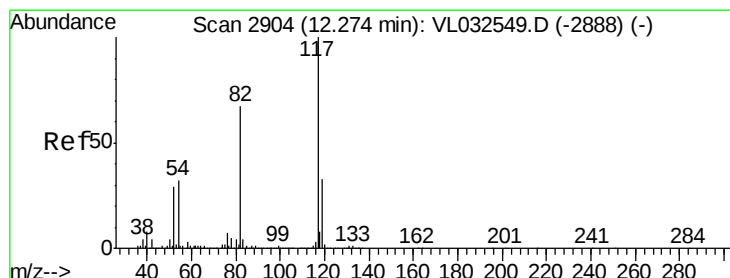
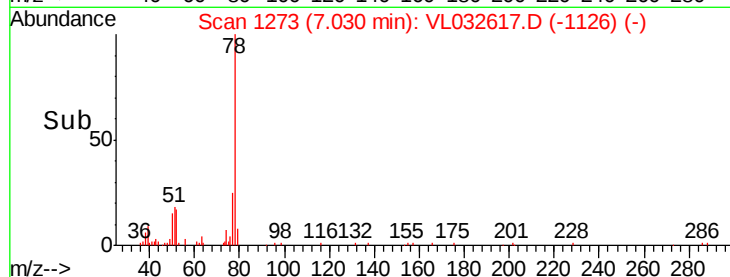
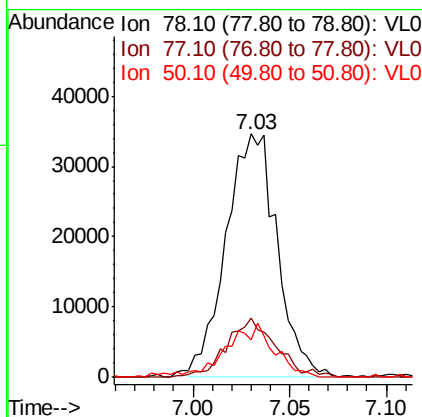
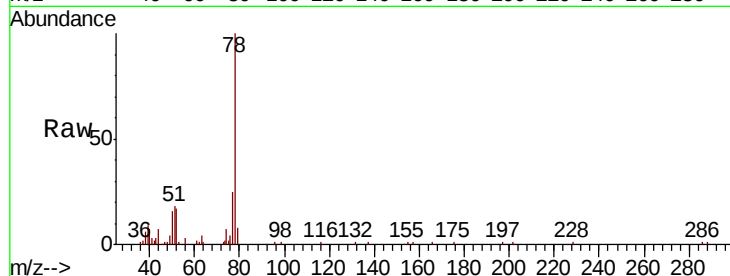
ClientSampleId :

Q2-SVI-100518DL2

Tot Ion:	78	Resp:	63644
Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.4	27.6
50	15.6	14.4	21.6

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

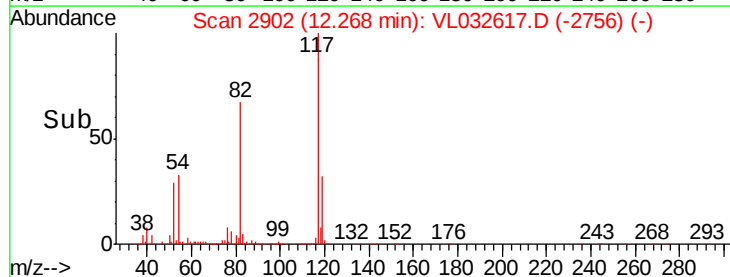
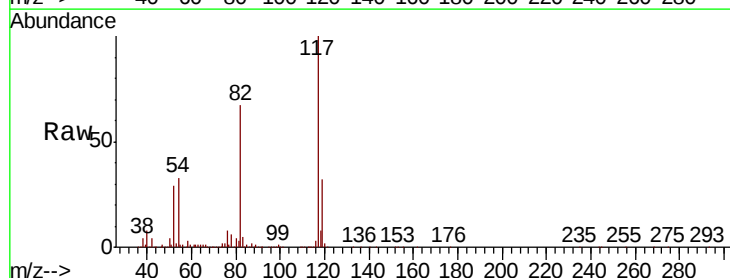
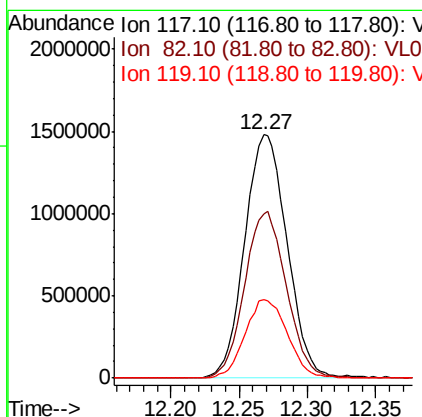
RT: 12.27 min Scan# 2902

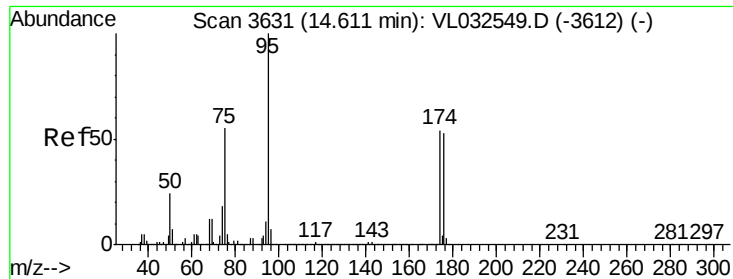
Delta R.T. -0.03 min

Lab File: VL032617.D

Acq: 11 Oct 2018 23:26

Tgt Ion:	117	Resp:	3188967
Ion	Ratio	Lower	Upper
117	100		
82	68.4	53.0	79.6
119	32.7	45.9	68.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.663 ppbv

RT: 14.61 min Scan# 3629

Delta R.T. -0.03 min

Lab File: VL032617.D

Acq: 11 Oct 2018 23:26

Instrument :

MSVOA_L

ClientSampleId :

Q2-SVI-100518DL2

Tot Ion: 95 Resp: 2323692

Ion Ratio Lower Upper

95 100

174 58.6 46.3 69.5

175 4.2 3.4 5.0

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