

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100318\
 Data File : VL032592.D
 Acq On : 3 Oct 2018 23:13
 Operator : SY/AP
 Sample : J5094-04DL2 40X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FIA-1DL2

Manual Integrations
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 10/4/2018 7:07:08 PM

Quant Time: Oct 23 12:23:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 0
 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	1006957	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	2565661	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	2803696	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	1972195	9.33	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.03	51	7659681	91.472	ppbv	92
9) Propene	3.07	41	47520m	1.308	ppbv	
13) Ethanol	3.69	45	13301	1.218	ppbv	95
15) Acetone	3.92	43	1021135	11.553	ppbv	99
19) Isopropyl Alcohol	4.07	45	36471	0.592	ppbv #	93

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

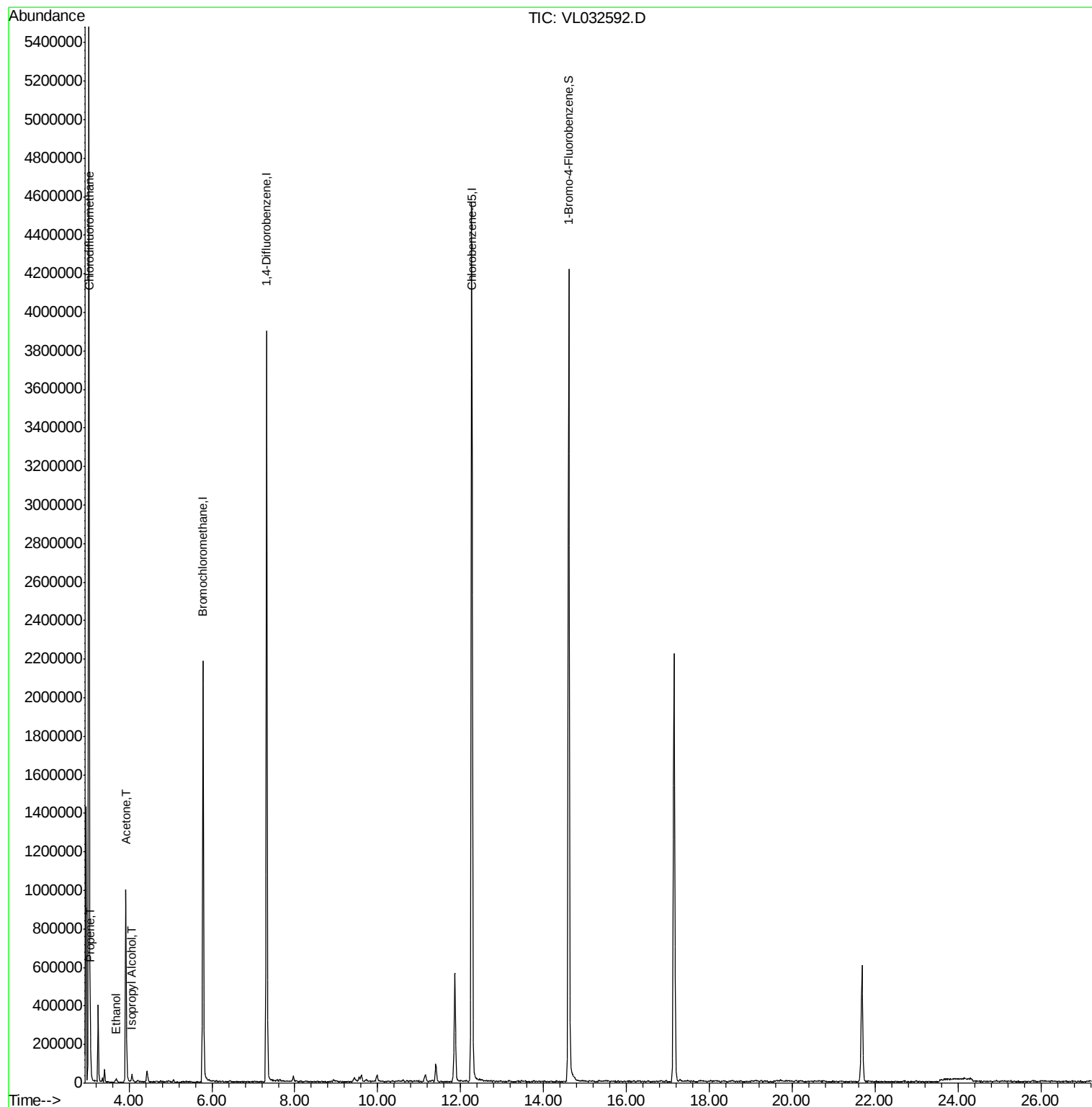
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100318\
Data File : VL032592.D
Acq On : 3 Oct 2018 23:13
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Misc : 400ml/MSVOA_L
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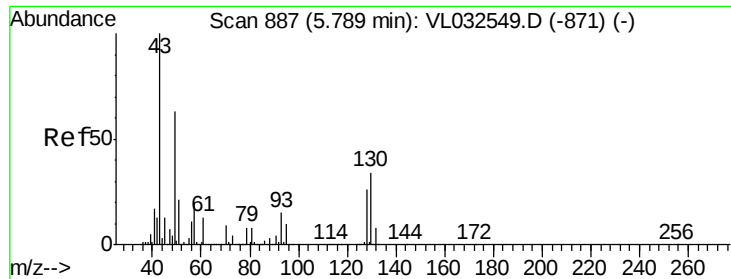
Instrument :
MSVOA_L
ClientSampleId :
FIA-1DL2

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#1

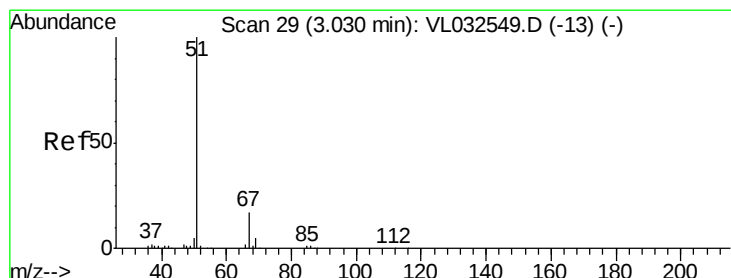
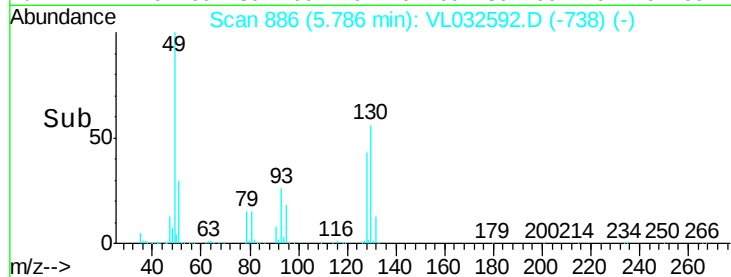
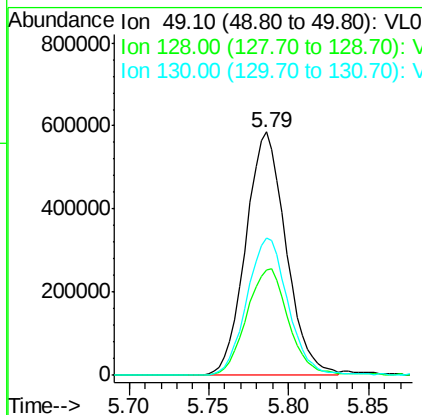
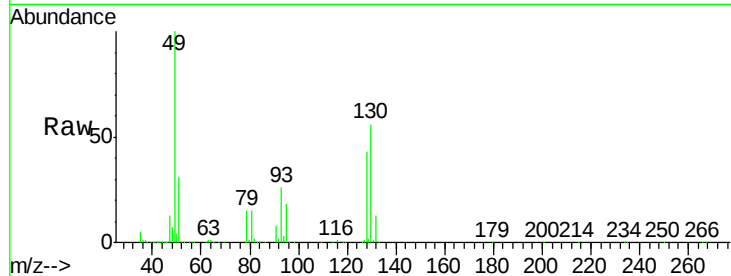
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.79 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: VL032592.D
 Acq: 3 Oct 2018 23:13

Instrument :
 MSVOA_L
 ClientSampleId :
 FIA-1DL2

Tgt Ion	Ratio	Lower	Upper
49	100		
128	46.2	20.7	62.1
130	58.7	26.6	79.7

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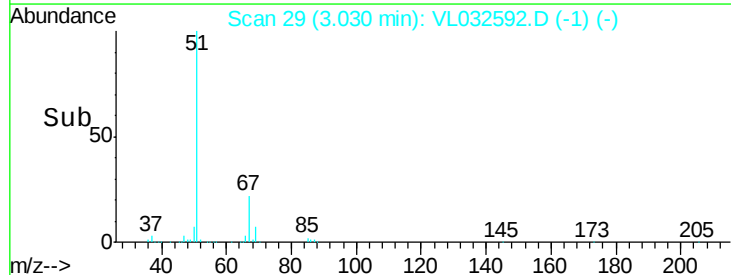
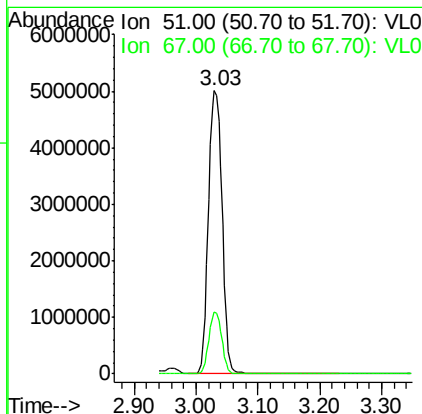
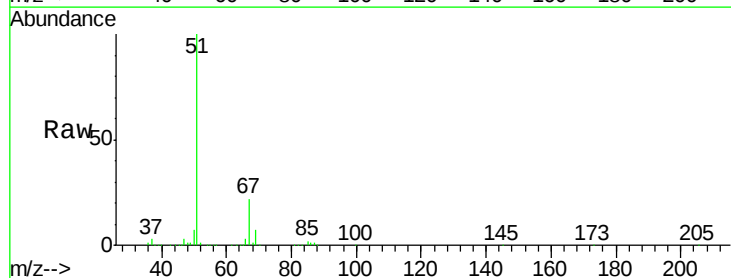
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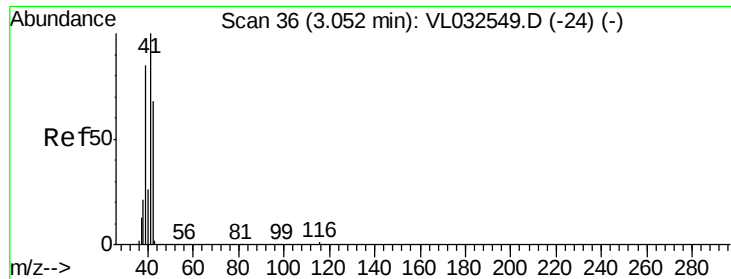


#3

Chlorodifluoromethane
 Concen: 91.472 ppbv
 RT: 3.03 min Scan# 29
 Delta R.T. -0.01 min
 Lab File: VL032592.D
 Acq: 3 Oct 2018 23:13

Tgt Ion	Ratio	Lower	Upper
51	100		
67	20.7	13.8	20.8





#9

Propene

Concen: 1.308 ppbv m

RT: 3.07 min Scan# 40

Delta R.T. -0.00 min

Lab File: VL032592.D

Acq: 3 Oct 2018 23:13

Instrument :

MSVOA_L

ClientSampleId :

FIA-1DL2

Tgt Ion: 41 Resp: 47520

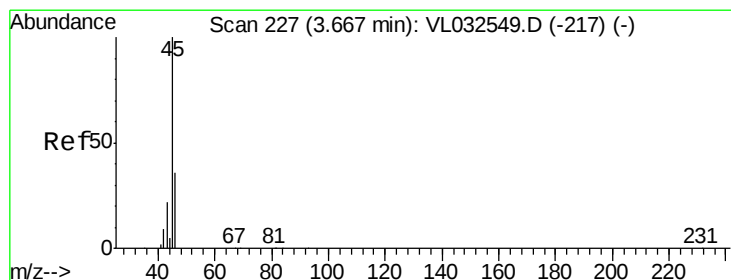
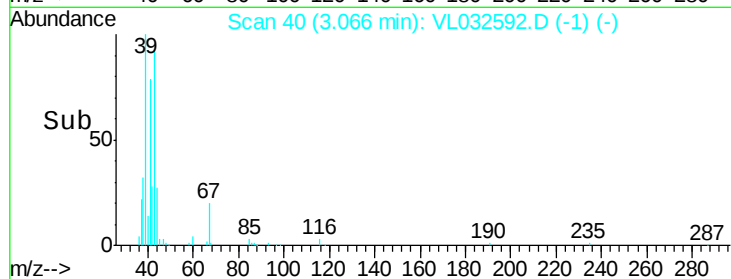
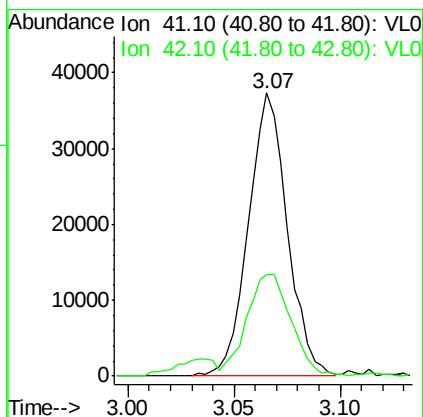
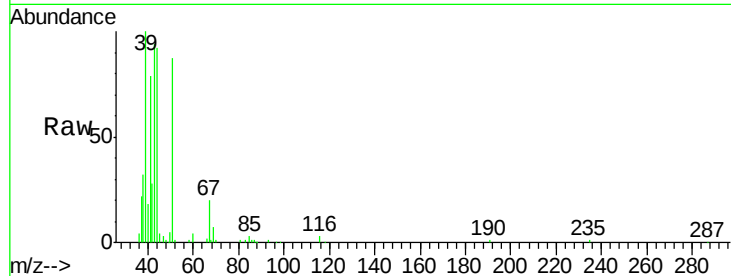
Ion Ratio Lower Upper

41 100

42 142.0 56.6 84.8#

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#13

Ethanol

Concen: 1.218 ppbv

RT: 3.69 min Scan# 234

Delta R.T. 0.00 min

Lab File: VL032592.D

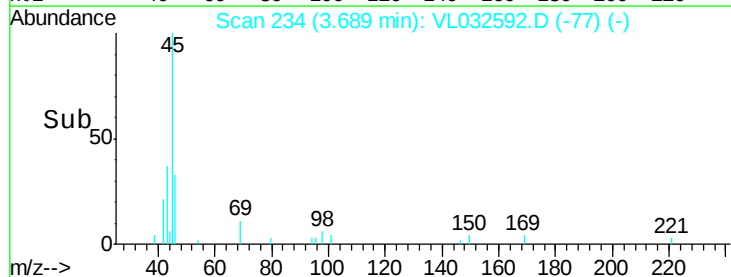
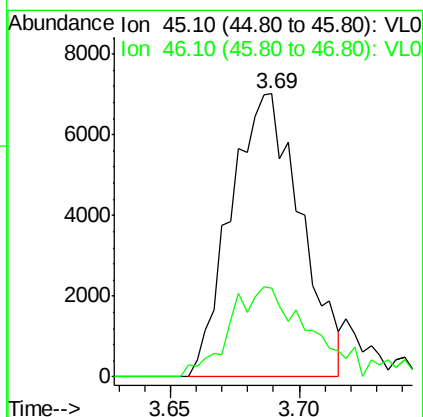
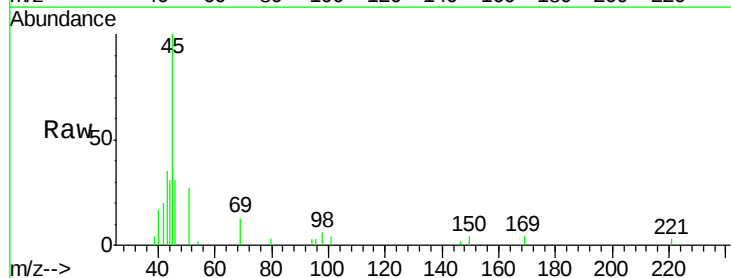
Acq: 3 Oct 2018 23:13

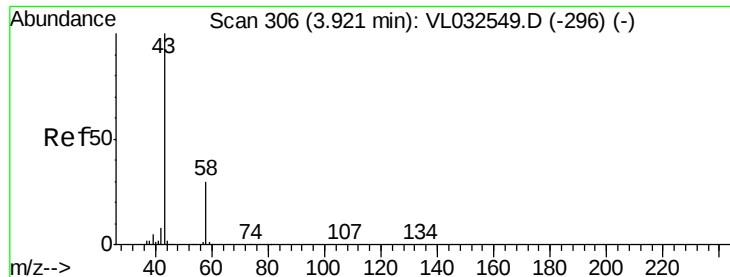
Tgt Ion: 45 Resp: 13301

Ion Ratio Lower Upper

45 100

46 38.3 14.2 56.8





#15

Acetone

Concen: 11.553 ppbv

RT: 3.92 min Scan# 306

Delta R.T. -0.02 min

Lab File: VL032592.D

Acq: 3 Oct 2018 23:13

Instrument :

MSVOA_L

ClientSampleId :

FIA-1DL2

Tgt Ion: 43 Resp: 1021135

Ion Ratio Lower Upper

43 100

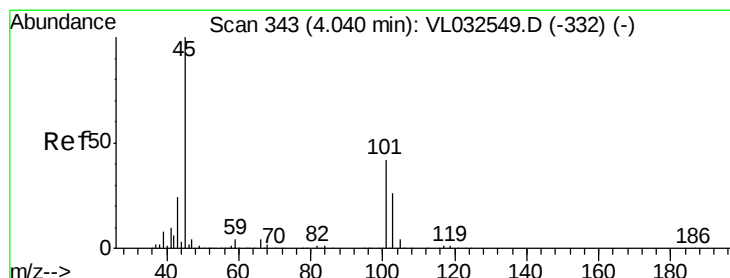
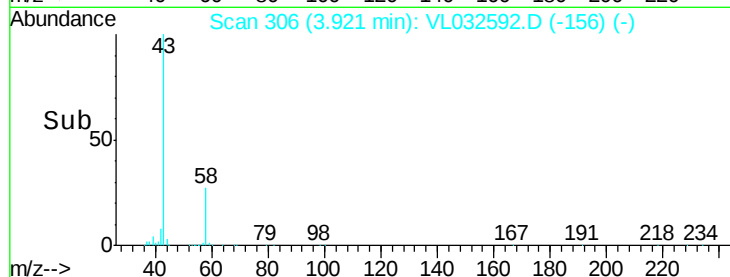
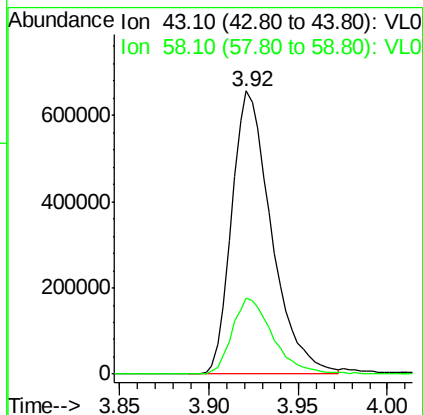
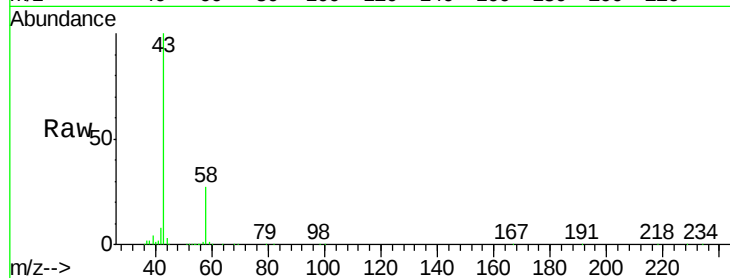
58 27.8 22.6 33.8

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#19

Isopropyl Alcohol

Concen: 0.592 ppbv

RT: 4.07 min Scan# 351

Delta R.T. 0.00 min

Lab File: VL032592.D

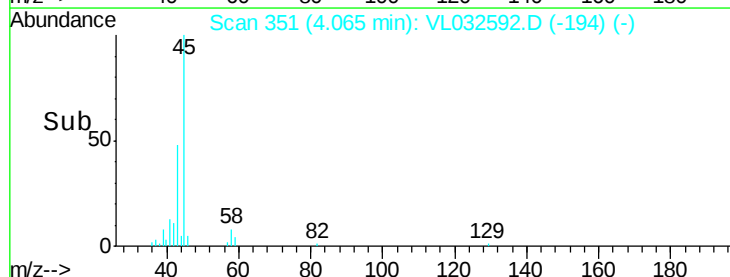
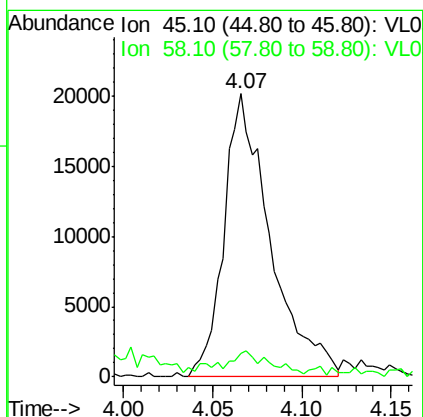
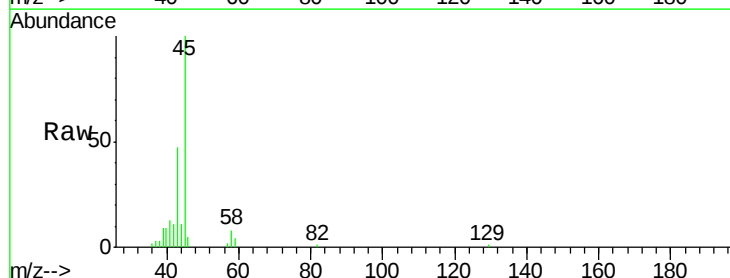
Acq: 3 Oct 2018 23:13

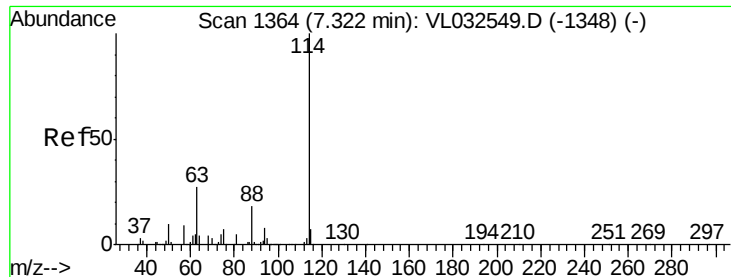
Tgt Ion: 45 Resp: 36471

Ion Ratio Lower Upper

45 100

58 0.0 2.0 3.0#





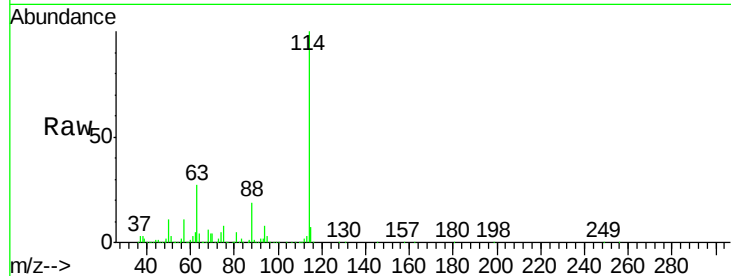
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.32 min Scan# 1362
 Delta R.T. -0.03 min
 Lab File: VL032592.D
 Acq: 3 Oct 2018 23:13

Instrument :
 MSVOA_L
 ClientSampleId :
 FIA-1DL2

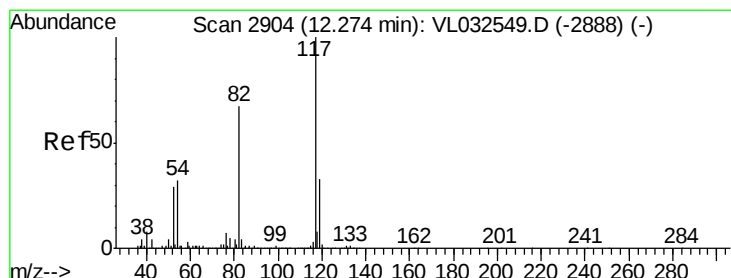
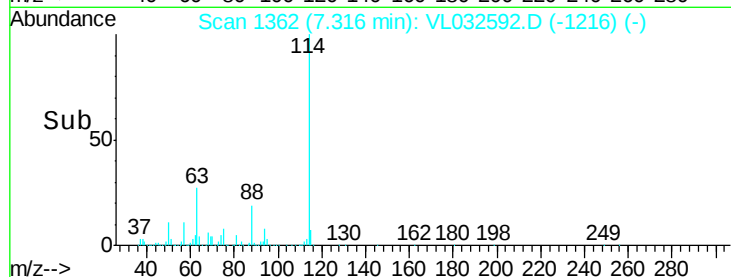
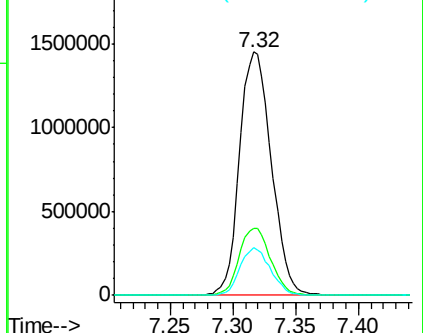
Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.2	33.4
88	18.8	15.0	22.4

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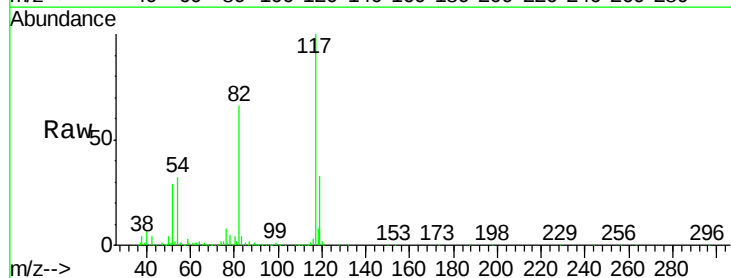


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

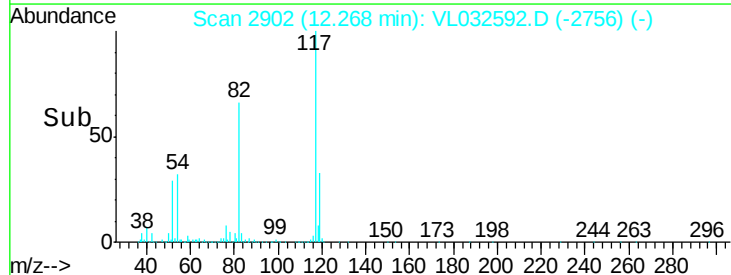
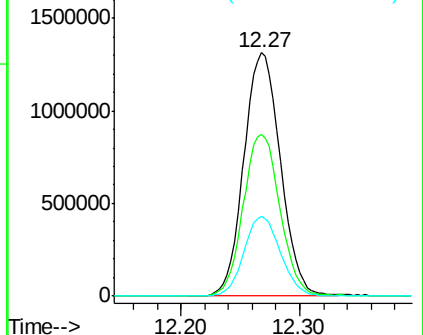


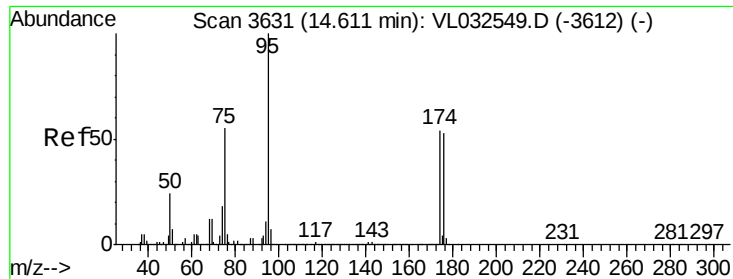
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.27 min Scan# 2902
 Delta R.T. -0.03 min
 Lab File: VL032592.D
 Acq: 3 Oct 2018 23:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.2	53.0	79.6
119	32.7	45.9	68.9#



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





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.328 ppbv
 RT: 14.61 min Scan# 3629
 Delta R.T. -0.03 min
 Lab File: VL032592.D
 Acq: 3 Oct 2018 23:13

Instrument :
 MSVOA_L
 ClientSampleId :
 FIA-1DL2

Tgt Ion	Ratio	Lower	Upper
95	100		
174	58.6	46.3	69.5
175	4.1	3.4	5.0

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