

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112918\
 Data File : VL032833.D
 Acq On : 29 Nov 2018 14:04
 Operator : SY/AP
 Sample : J6046-06DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-SV-06DL

Quant Time: Dec 03 12:28:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1406892	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3530627	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3323742	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2499025	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

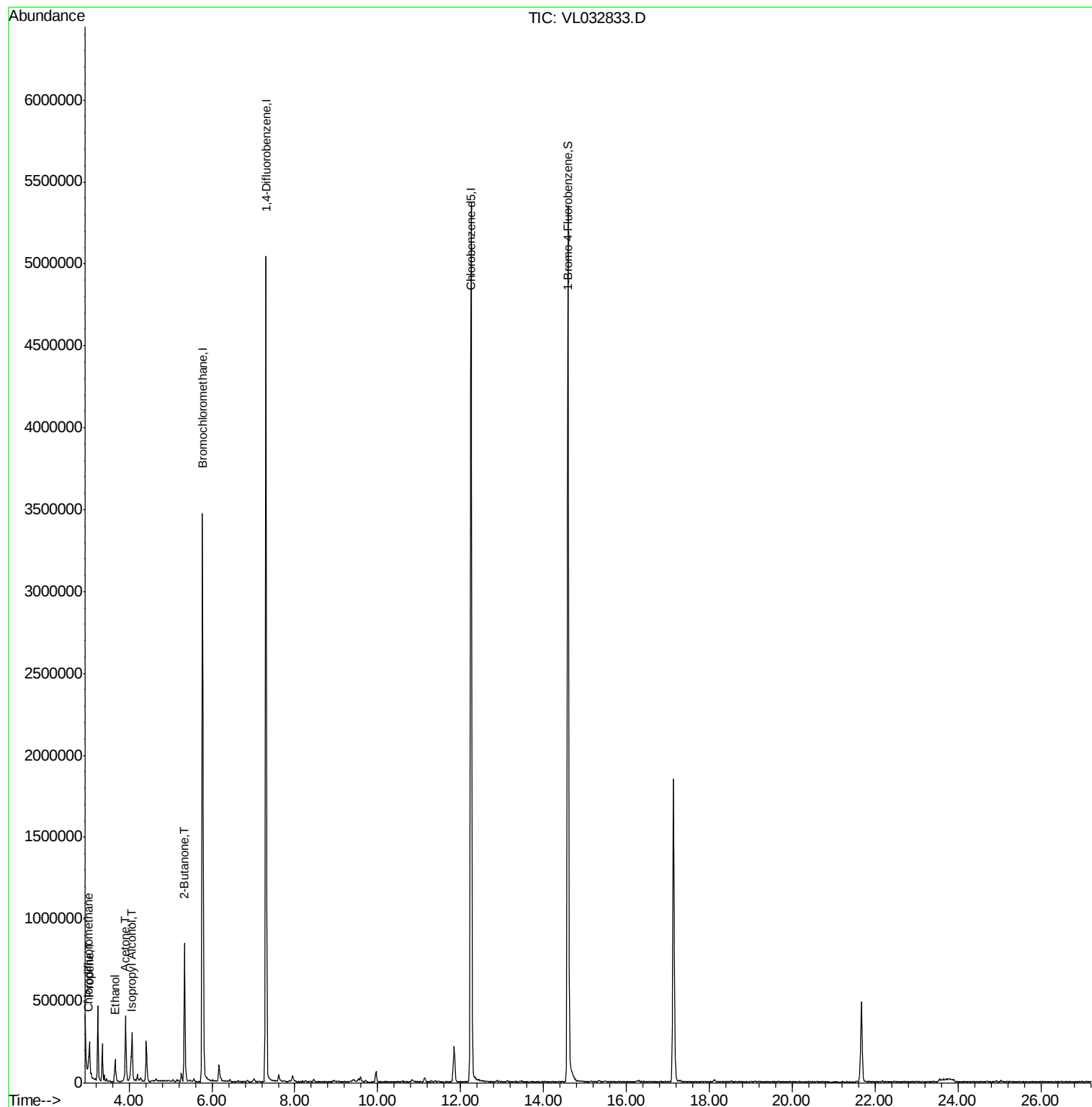
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.02	51	87481	0.784	ppbv	99
9) Propene	3.05	41	74909	1.678	ppbv	96
13) Ethanol	3.66	45	145247	9.935	ppbv	97
15) Acetone	3.91	43	373886	2.910	ppbv #	75
19) Isopropyl Alcohol	4.05	45	167058	1.952	ppbv #	95
34) 2-Butanone	5.34	43	912045	4.981	ppbv	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL112918\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. -0.00 min

Lab File: VL032833.D

Acq: 29 Nov 2018 14:04

Instrument :

MSVOA_L

ClientSampleId :

EP2-SV-06DL

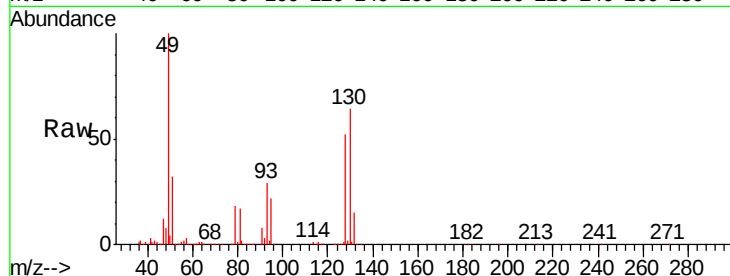
Tgt Ion: 49 Resp: 1406892

Ion Ratio Lower Upper

49 100

128 52.8 24.9 74.6

130 67.0 31.4 94.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.77

800000

600000

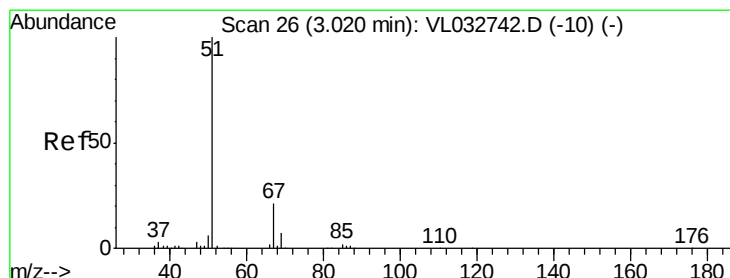
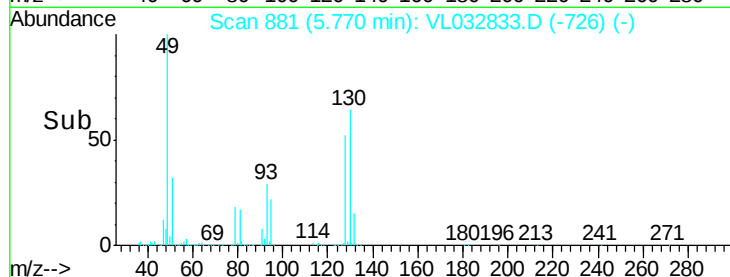
400000

200000

0

5.70 5.75 5.80 5.85

Time-->



#3

Chlorodifluoromethane

Concen: 0.784 ppbv

RT: 3.02 min Scan# 26

Delta R.T. 0.00 min

Lab File: VL032833.D

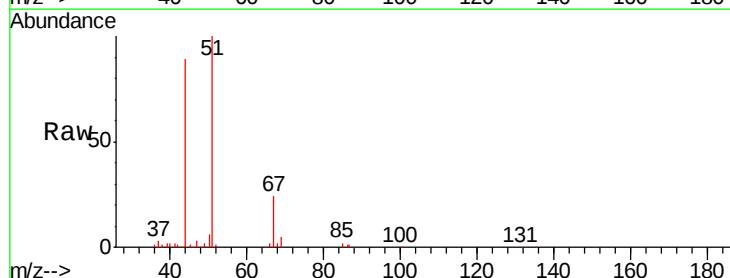
Acq: 29 Nov 2018 14:04

Tgt Ion: 51 Resp: 87481

Ion Ratio Lower Upper

51 100

67 19.5 16.1 24.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

3.02

60000

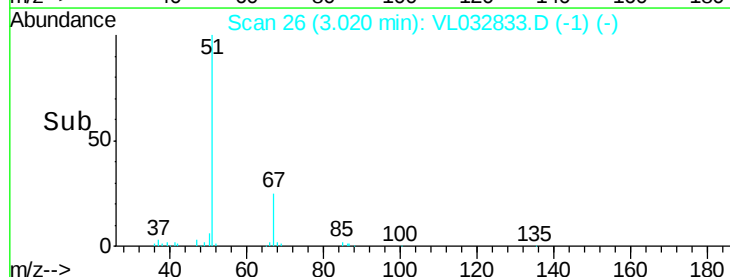
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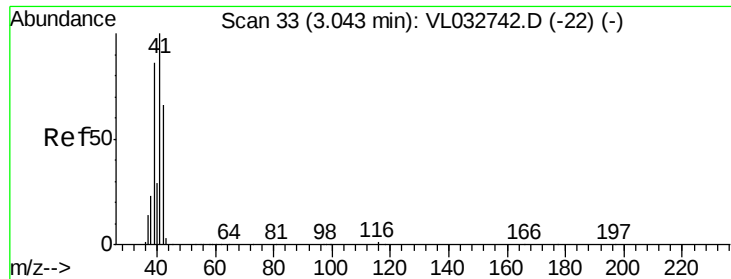
20000

0

2.95 3.00 3.05 3.10

Time-->





#9

Propene

Concen: 1.678 ppbv

RT: 3.05 min Scan# 34

Delta R.T. 0.00 min

Lab File: VL032833.D

Acq: 29 Nov 2018 14:04

Instrument :

MSVOA_L

ClientSampleId :

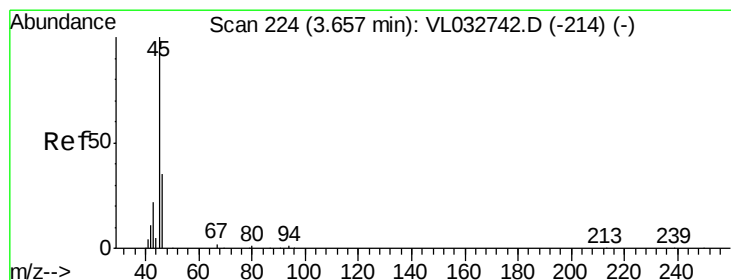
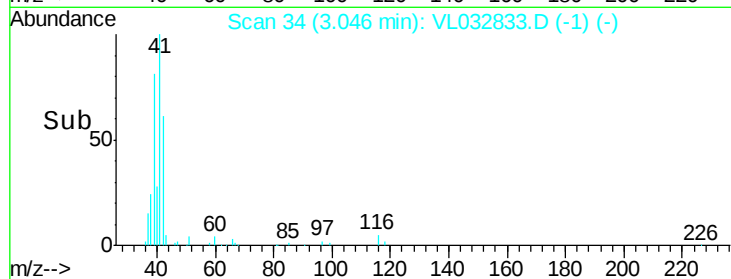
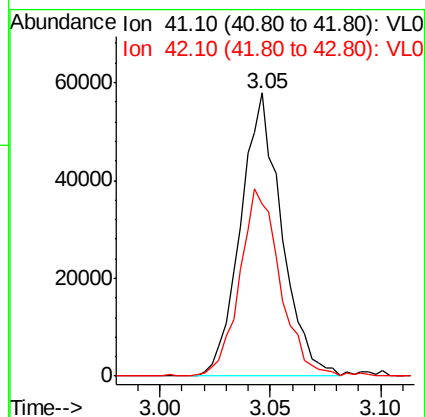
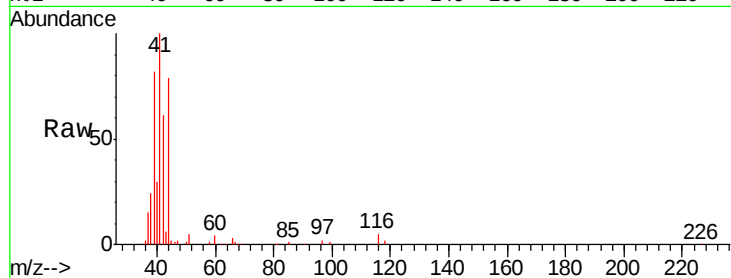
EP2-SV-06DL

Tgt Ion: 41 Resp: 74909

Ion Ratio Lower Upper

41 100

42 65.7 55.0 82.6



#13

Ethanol

Concen: 9.935 ppbv

RT: 3.66 min Scan# 226

Delta R.T. 0.01 min

Lab File: VL032833.D

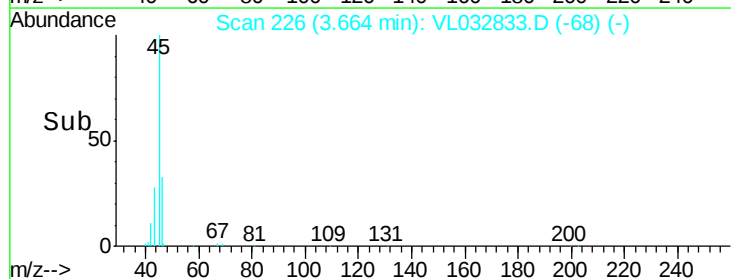
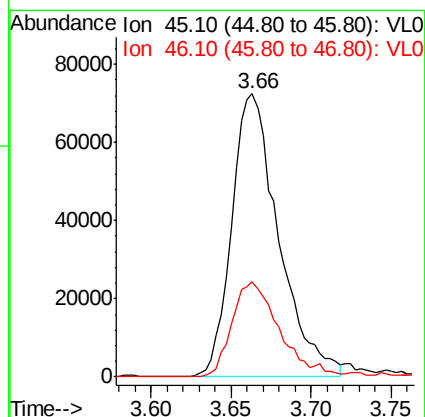
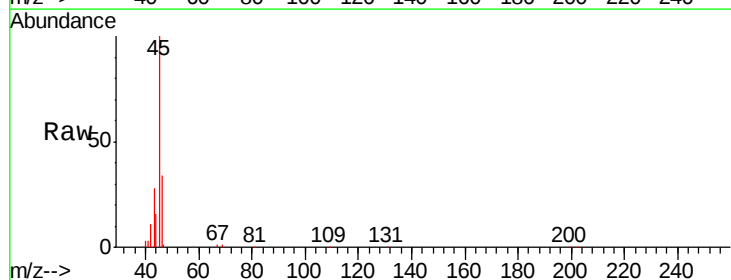
Acq: 29 Nov 2018 14:04

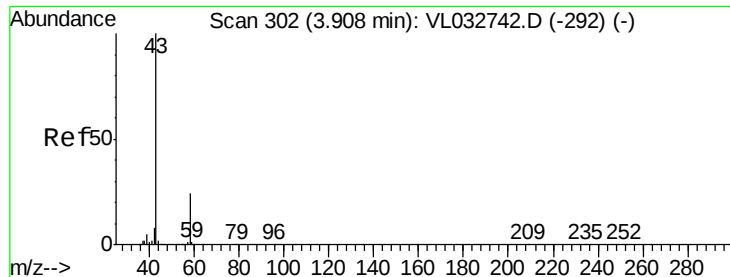
Tgt Ion: 45 Resp: 145247

Ion Ratio Lower Upper

45 100

46 34.4 14.5 57.9





#15

Acetone

Concen: 2.910 ppbv

RT: 3.91 min Scan# 304

Delta R.T. 0.01 min

Lab File: VL032833.D

Acq: 29 Nov 2018 14:04

Instrument :

MSVOA_L

ClientSampleId :

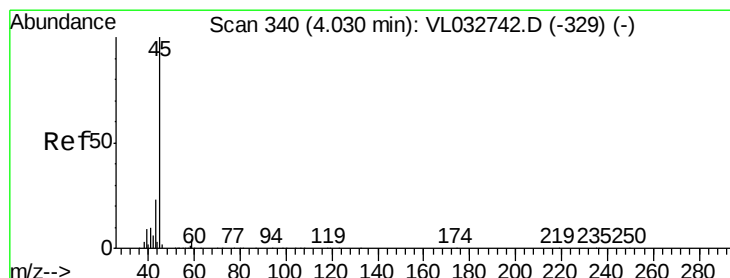
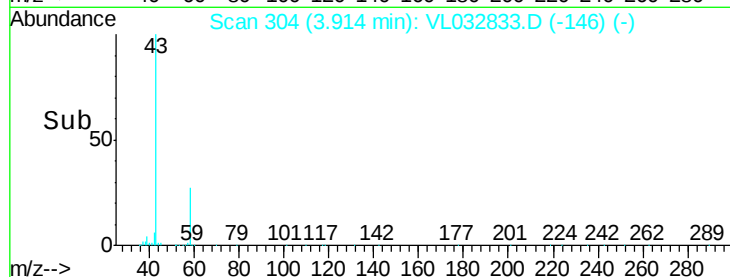
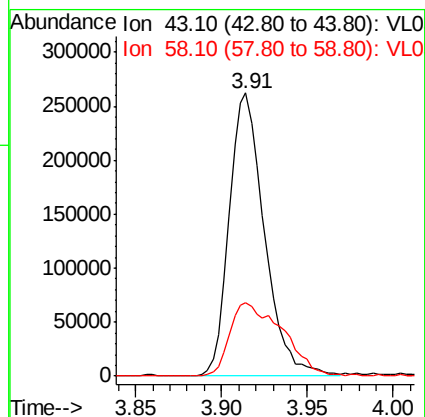
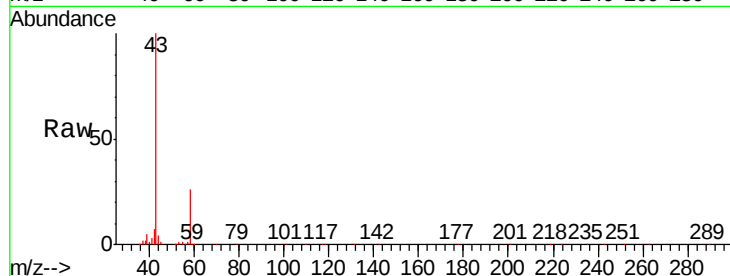
EP2-SV-06DL

Tgt Ion: 43 Resp: 373886

Ion Ratio Lower Upper

43 100

58 39.2 21.1 31.7#



#19

Isopropyl Alcohol

Concen: 1.952 ppbv

RT: 4.05 min Scan# 345

Delta R.T. 0.02 min

Lab File: VL032833.D

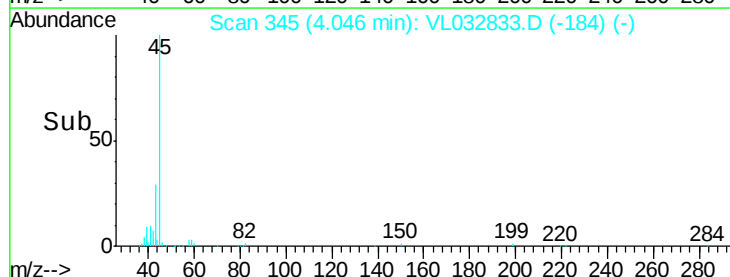
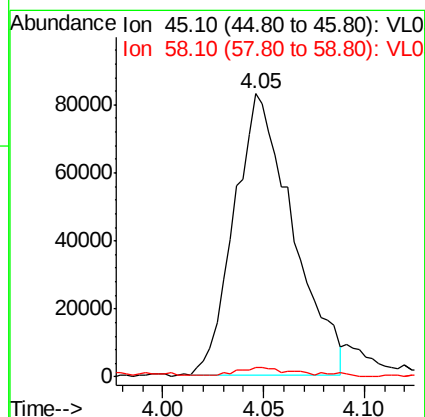
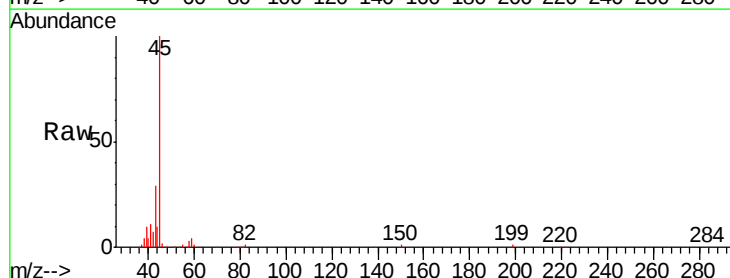
Acq: 29 Nov 2018 14:04

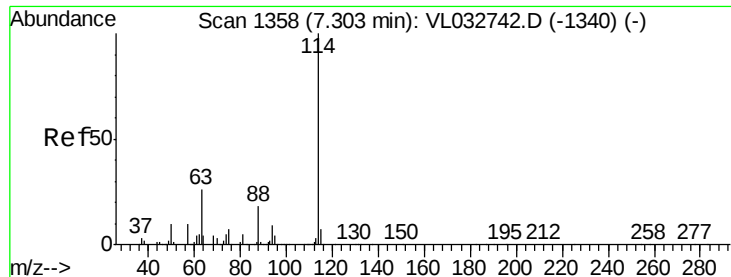
Tgt Ion: 45 Resp: 167058

Ion Ratio Lower Upper

45 100

58 3.6 1.4 2.0#

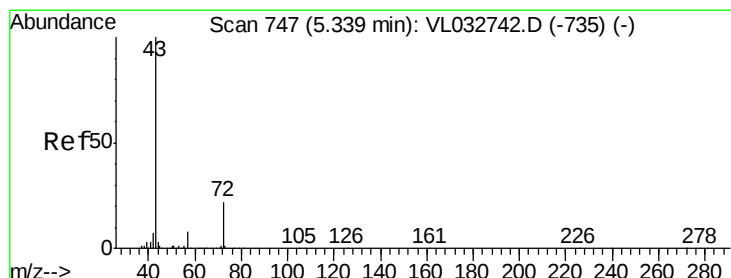
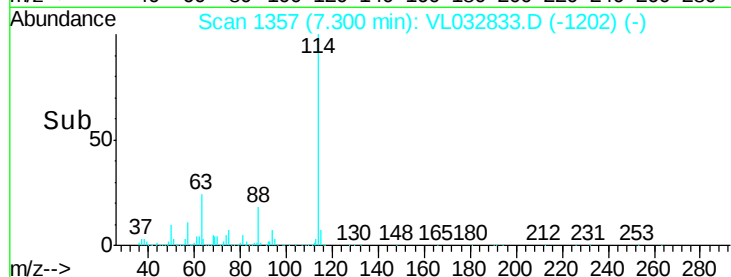
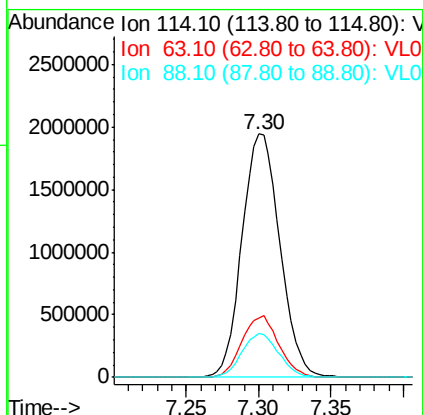
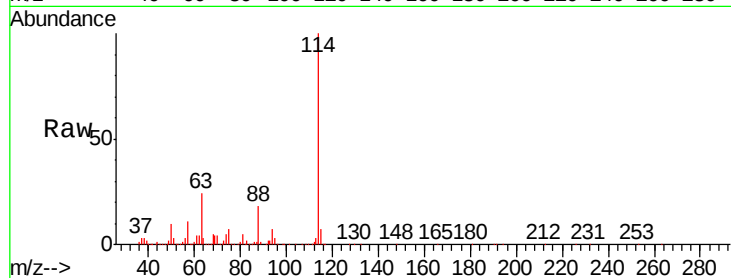




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VL032833.D
 Acq: 29 Nov 2018 14:04

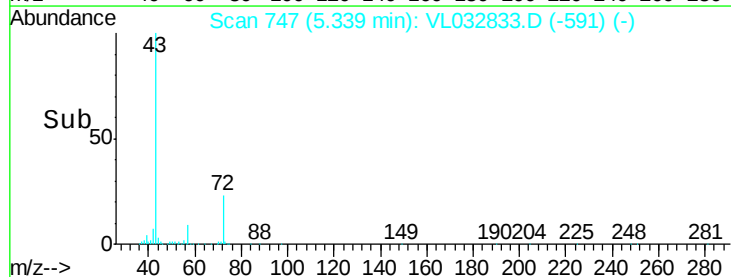
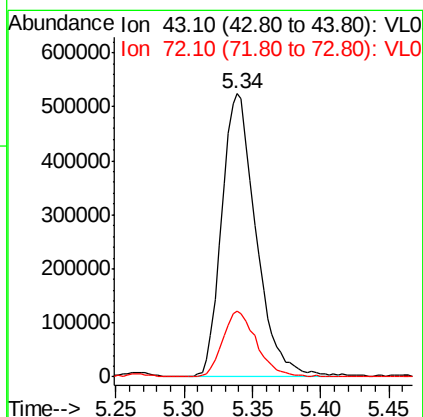
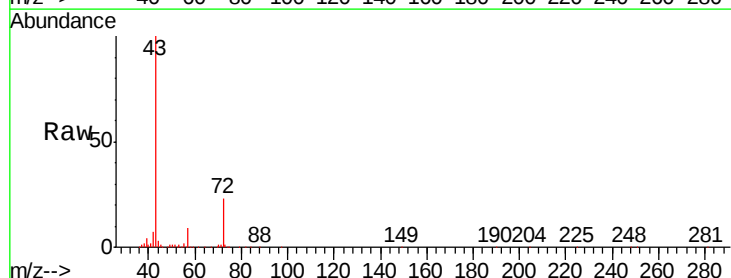
Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-SV-06DL

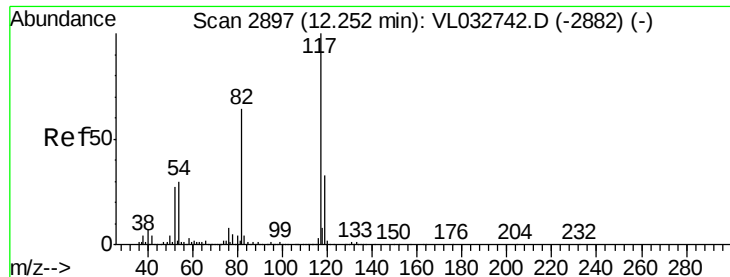
Tgt Ion:114 Resp: 3530627
 Ion Ratio Lower Upper
 114 100
 63 24.9 20.9 31.3
 88 17.7 14.4 21.6



#34
 2-Butanone
 Concen: 4.981 ppbv
 RT: 5.34 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: VL032833.D
 Acq: 29 Nov 2018 14:04

Tgt Ion: 43 Resp: 912045
 Ion Ratio Lower Upper
 43 100
 72 23.7 18.4 27.6

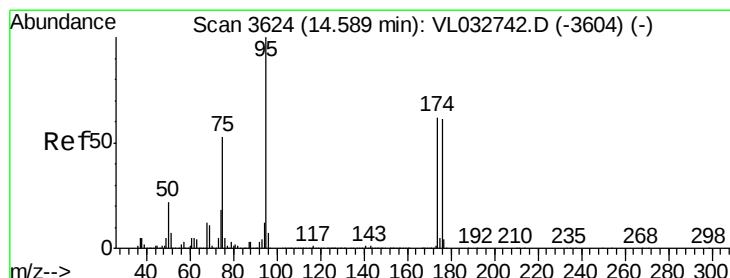
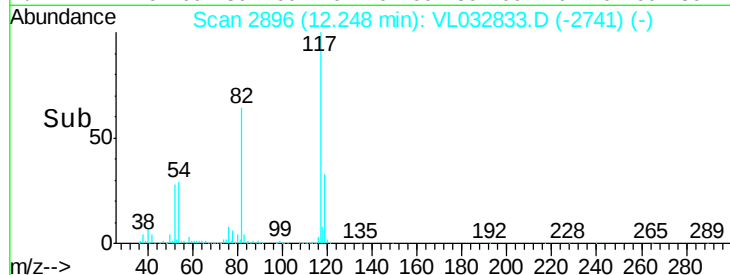
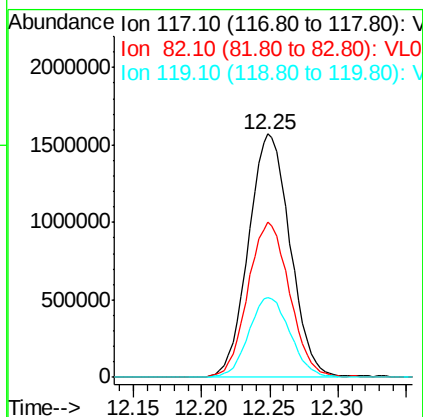
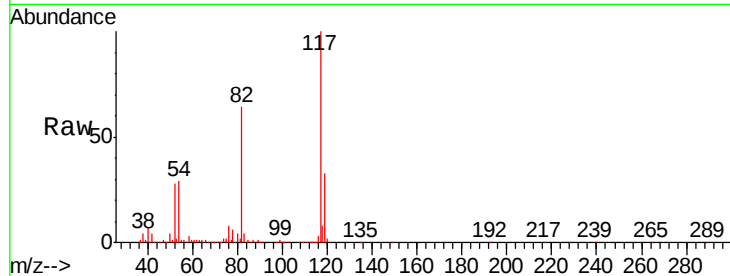




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032833.D
Acq: 29 Nov 2018 14:04

Instrument :
MSVOA_L
ClientSampleId :
EP2-SV-06DL

Tgt Ion: 117 Resp: 3323742
Ion Ratio Lower Upper
117 100
82 63.9 51.0 76.6
119 32.9 28.0 42.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.052 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032833.D
Acq: 29 Nov 2018 14:04

Tgt Ion: 95 Resp: 2499025
Ion Ratio Lower Upper
95 100
174 66.7 50.7 76.1
175 4.9 3.8 5.6

