

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071218\
 Data File : VL032236.D
 Acq On : 13 Jul 2018 2:57
 Operator : SY/AP
 Sample : VL0712ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0712ABL01

Quant Time: Jul 13 05:20:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jul 13 04:25:14 2018
 QLast Update : Fri Jul 13 04:25:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1870295	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3952669	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4798885	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3840140	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

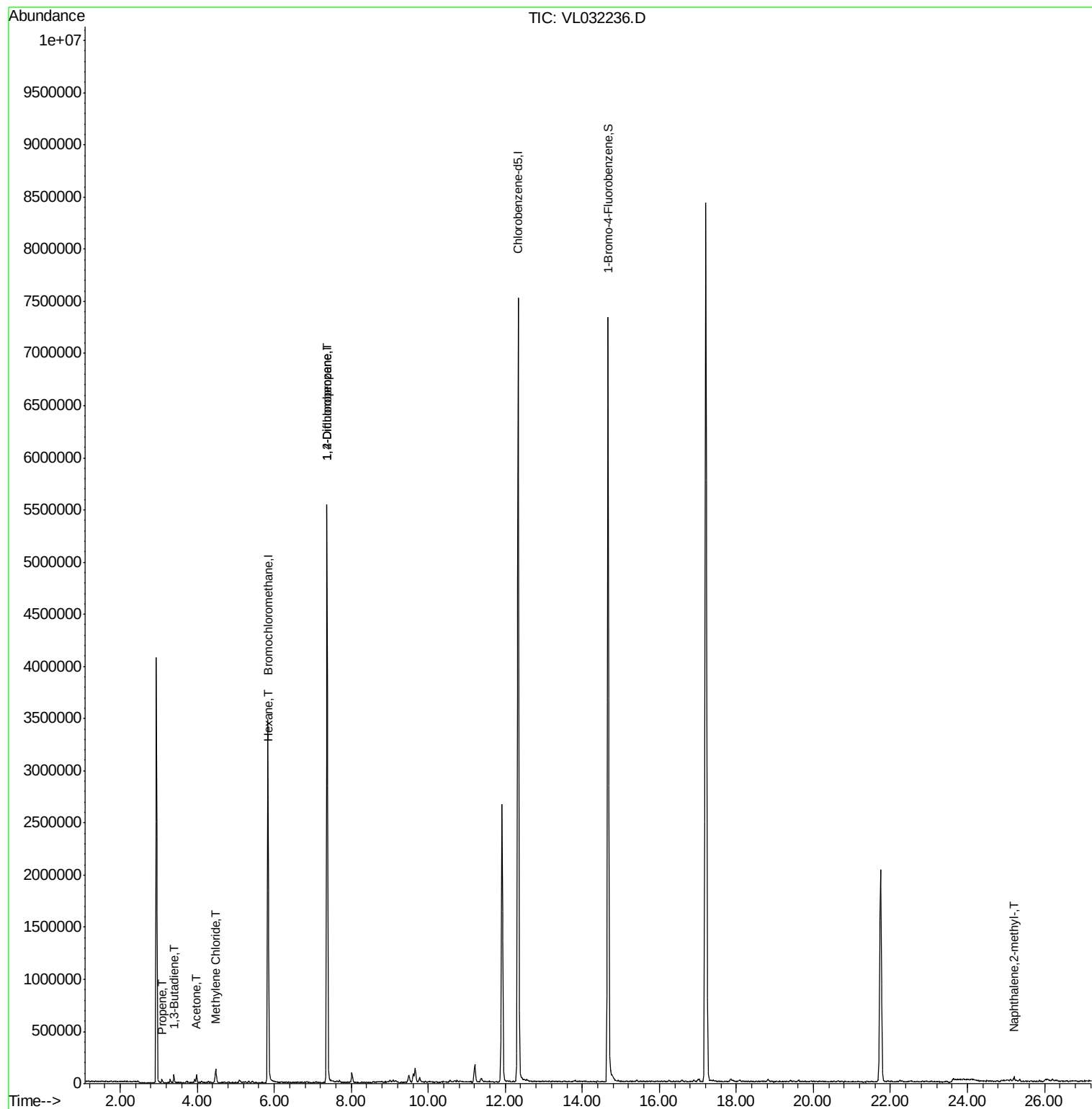
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.09	41	2095	0.021	ppbv #	52
15) Acetone	3.98	43	80808	0.372	ppbv #	87
16) 1,3-Butadiene	3.40	39	20388	0.186	ppbv #	13
20) Methylene Chloride	4.48	84	37651	0.512	ppbv	99
26) Hexane	5.86	57	5306	0.027	ppbv #	27
39) 1,2-Dichloropropane	7.37	63	1114209	7.137	ppbv #	27
80) Naphthalene,2-methyl-	25.21	142	3446	0.027	ppbv #	83

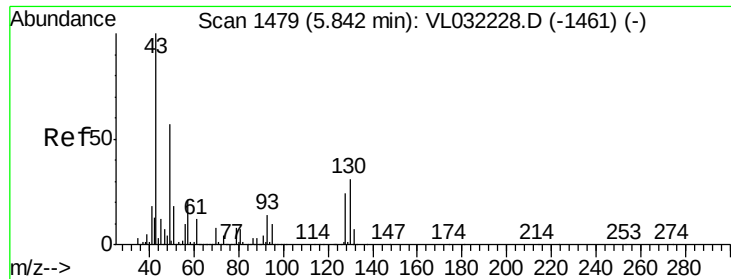
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1477

Delta R.T. -0.01 min

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VL0712ABL01

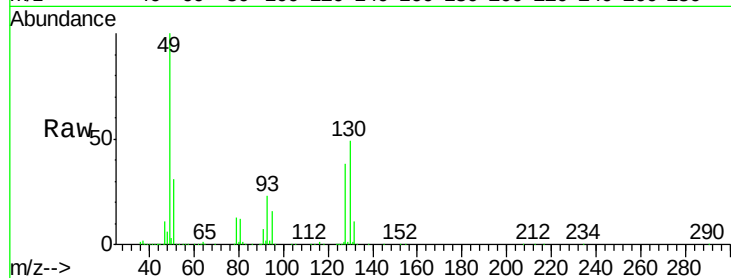
Tgt Ion: 49 Resp: 1870295

Ion Ratio Lower Upper

49 100

128 40.8 20.9 62.8

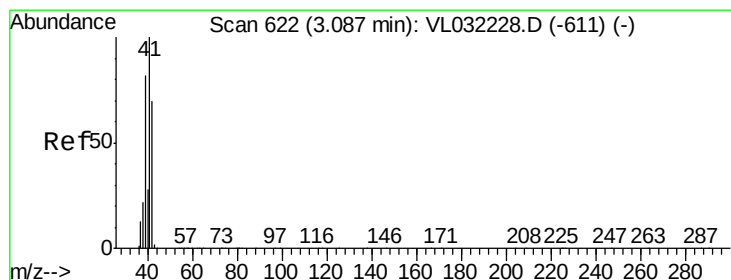
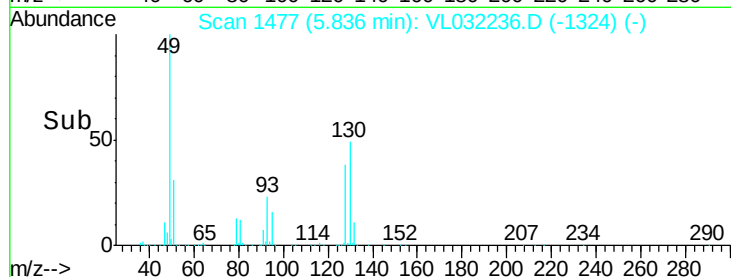
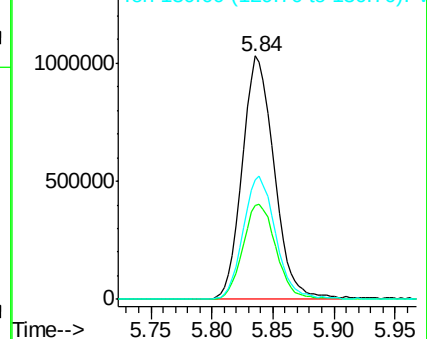
130 51.4 27.0 81.0



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



#9

Propene

Concen: 0.021 ppbv

RT: 3.09 min Scan# 624

Delta R.T. 0.01 min

Lab File: VL032236.D

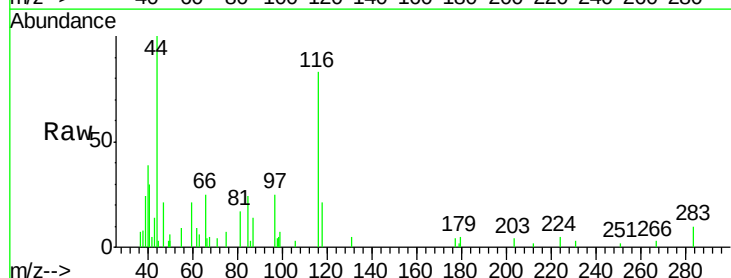
Acq: 13 Jul 2018 2:57

Tgt Ion: 41 Resp: 2095

Ion Ratio Lower Upper

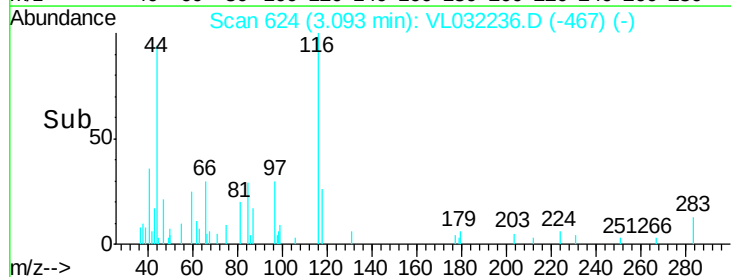
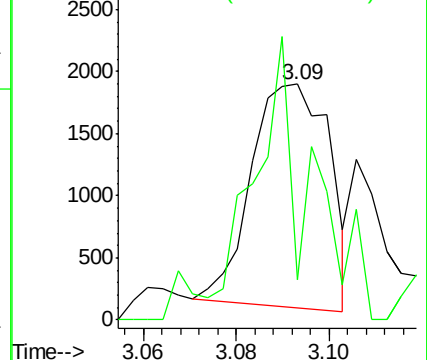
41 100

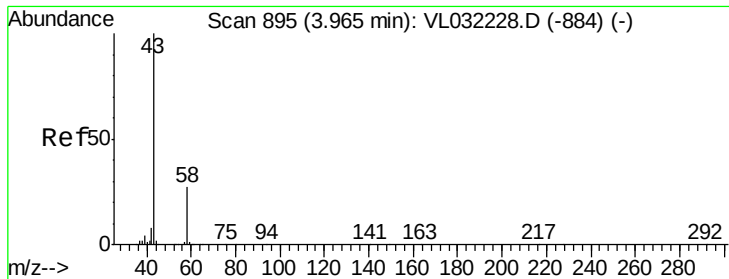
42 109.5 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.372 ppbv

RT: 3.98 min Scan# 900

Delta R.T. 0.02 min

Lab File: VL032236.D

Acq: 13 Jul 2018 2:57

Instrument :

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ClientSampleId :

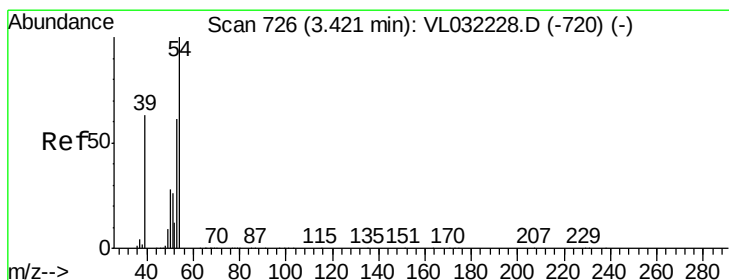
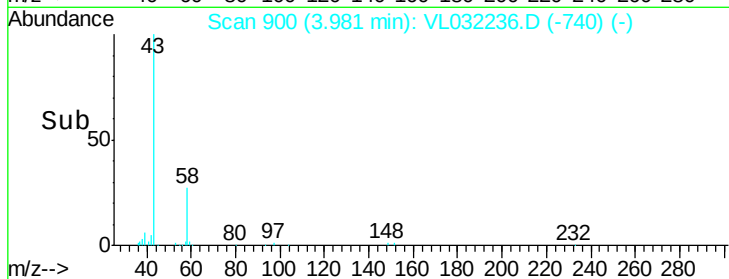
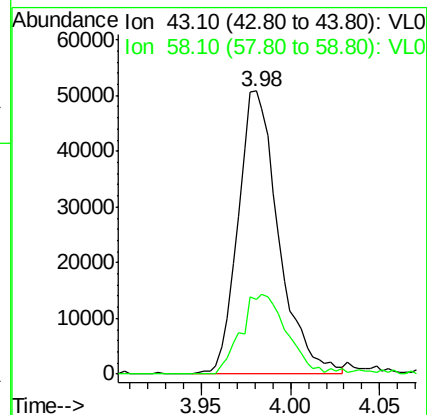
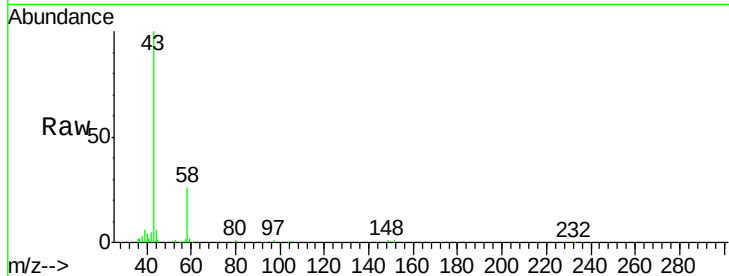
VL0712ABL01

Tgt Ion: 43 Resp: 80808

Ion Ratio Lower Upper

43 100

58 33.6 21.5 32.3#



#16

1,3-Butadiene

Concen: 0.186 ppbv

RT: 3.40 min Scan# 719

Delta R.T. -0.02 min

Lab File: VL032236.D

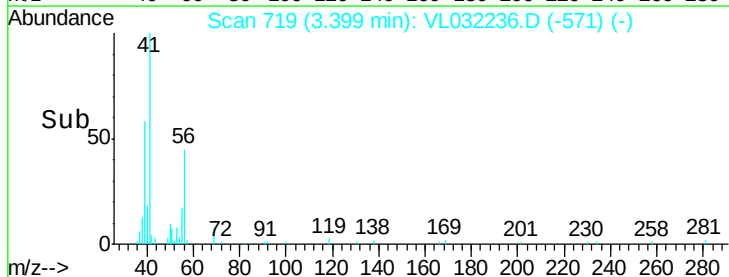
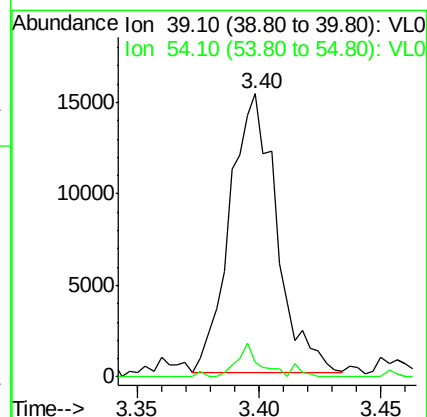
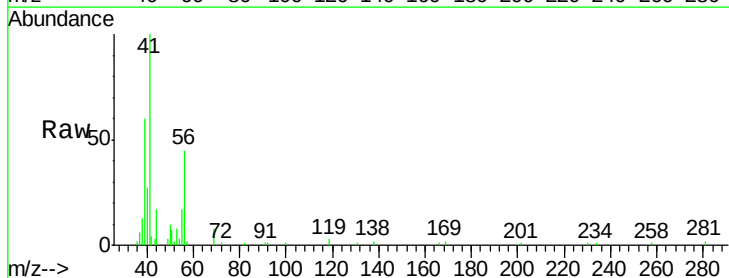
Acq: 13 Jul 2018 2:57

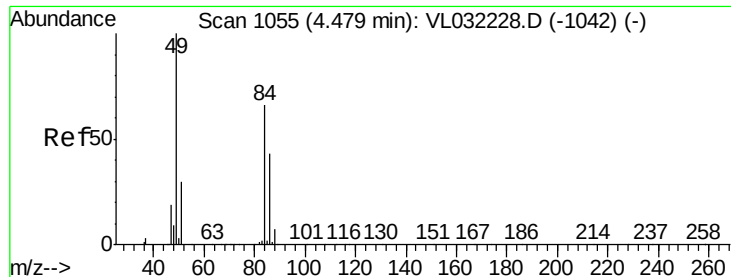
Tgt Ion: 39 Resp: 20388

Ion Ratio Lower Upper

39 100

54 7.0 70.0 105.0#

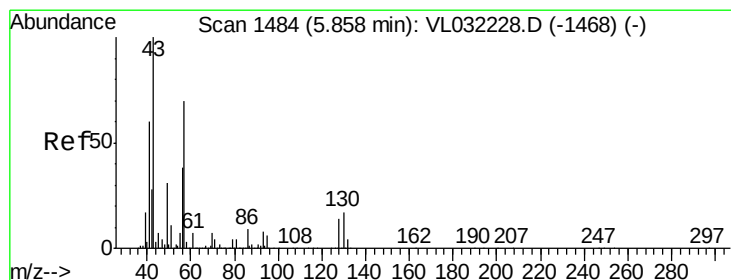
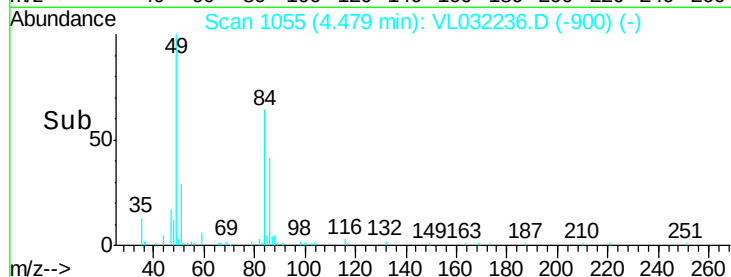
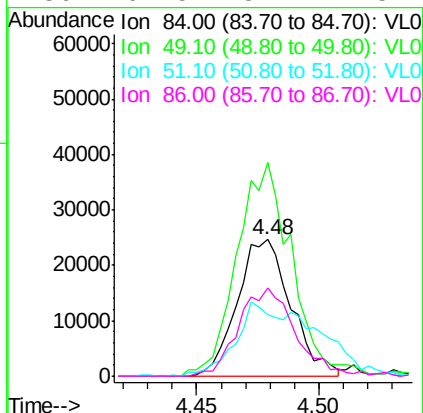
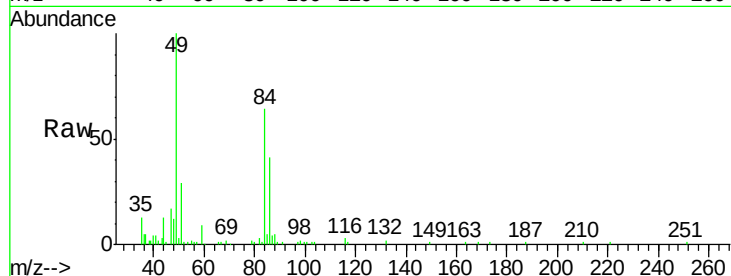




#20
Methylene Chloride
Concen: 0.512 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VL032236.D
Acq: 13 Jul 2018 2:57

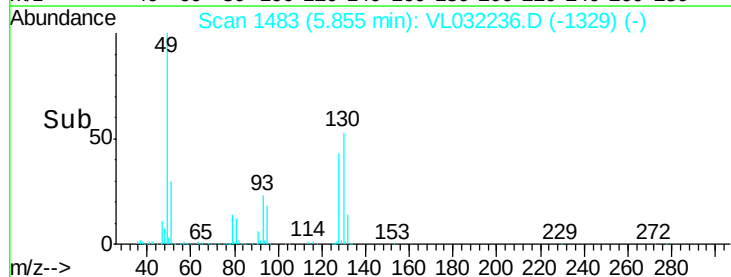
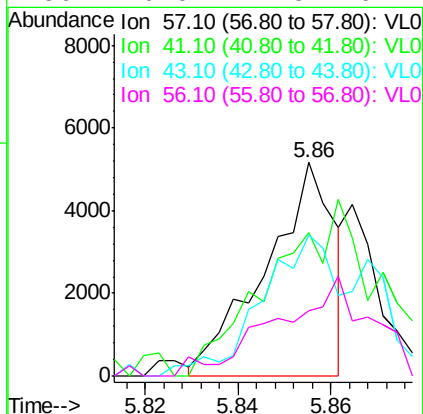
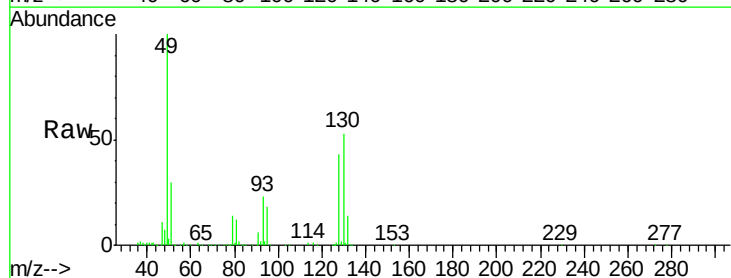
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABL01

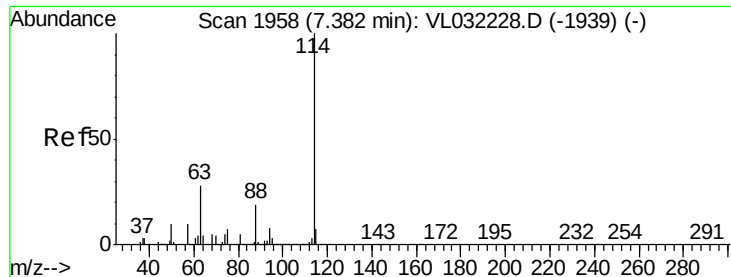
Tgt Ion:	84	Resp:	37651
Ion	Ratio	Lower	Upper
84	100		
49	151.7	121.8	182.6
51	41.9	36.3	54.5
86	64.5	52.1	78.1



#26
Hexane
Concen: 0.027 ppbv
RT: 5.86 min Scan# 1483
Delta R.T. -0.00 min
Lab File: VL032236.D
Acq: 13 Jul 2018 2:57

Tgt Ion:	57	Resp:	5306
Ion	Ratio	Lower	Upper
57	100		
41	0.0	68.7	103.1#
43	115.5	176.2	264.2#
56	0.0	42.8	64.2#

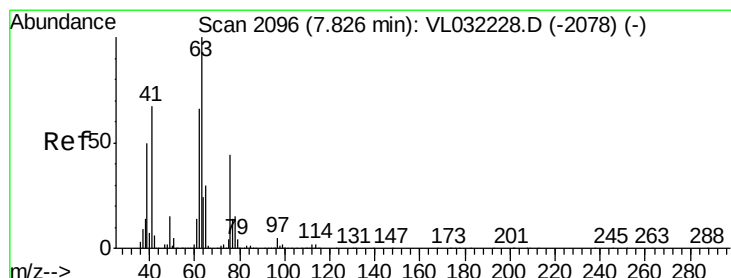
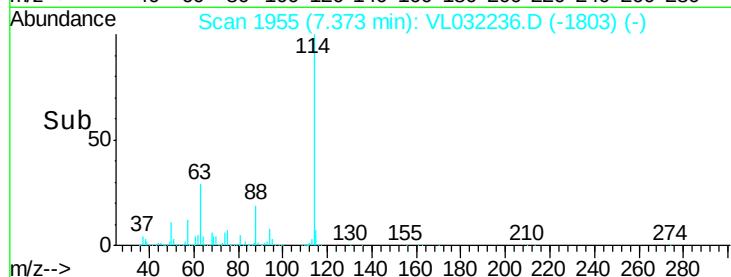
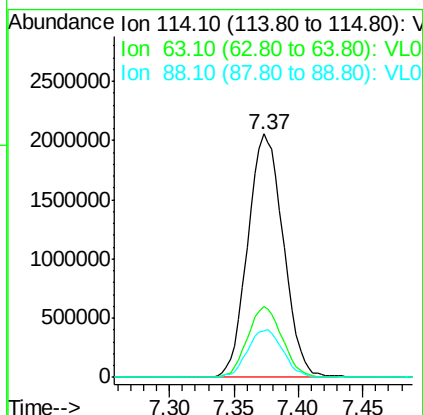
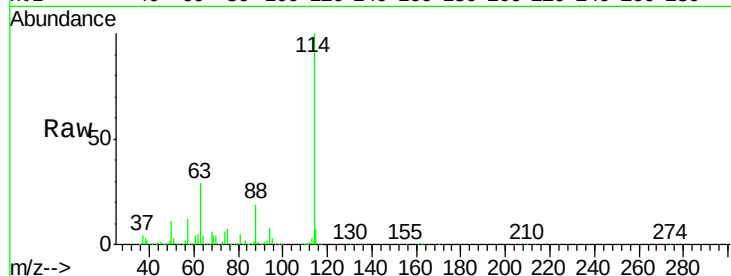




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.37 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: VL032236.D
 Acq: 13 Jul 2018 2:57

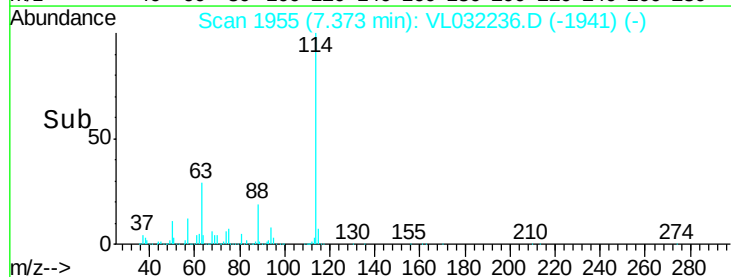
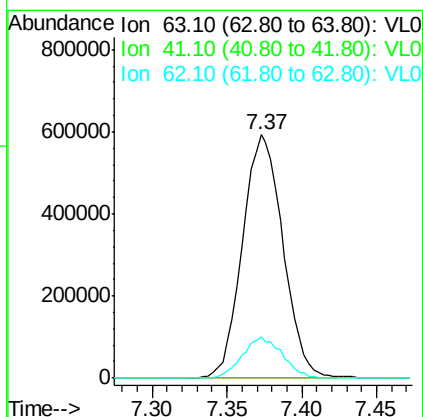
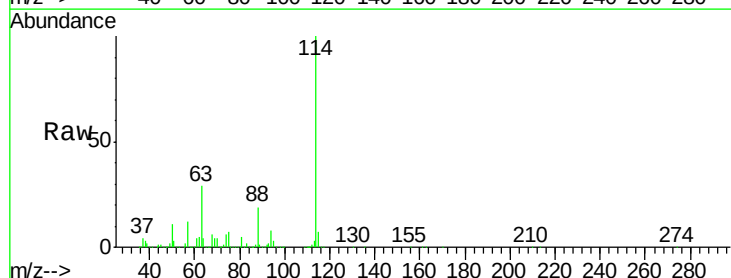
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0712ABL01

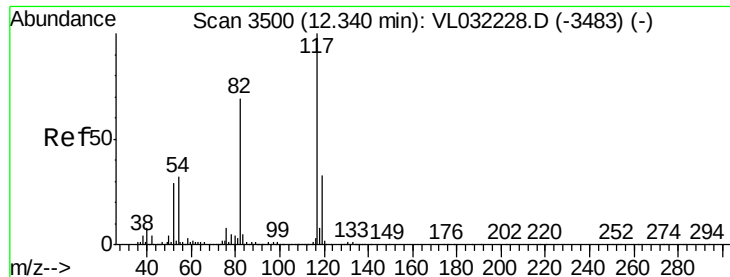
Tgt Ion: 114 Resp: 3952669
 Ion Ratio Lower Upper
 114 100
 63 28.4 22.5 33.7
 88 19.6 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 7.137 ppbv
 RT: 7.37 min Scan# 1955
 Delta R.T. -0.45 min
 Lab File: VL032236.D
 Acq: 13 Jul 2018 2:57

Tgt Ion: 63 Resp: 1114209
 Ion Ratio Lower Upper
 63 100
 41 0.2 53.8 80.6#
 62 17.0 53.1 79.7#

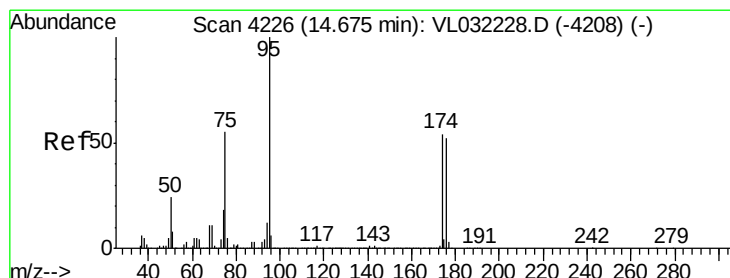
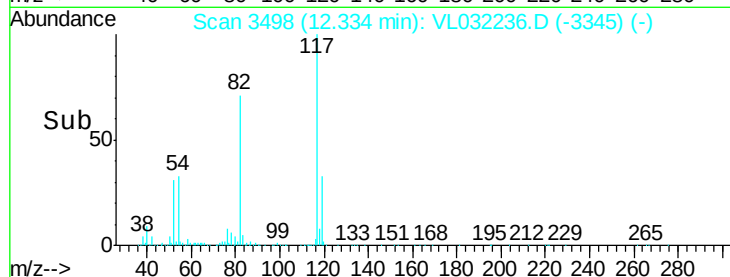
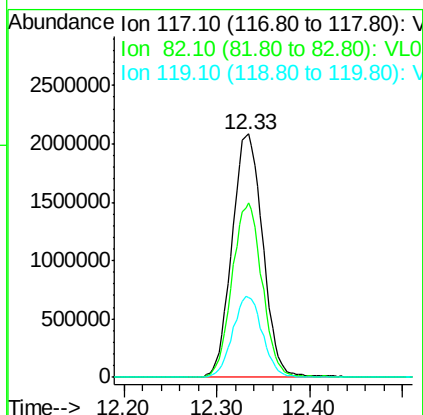
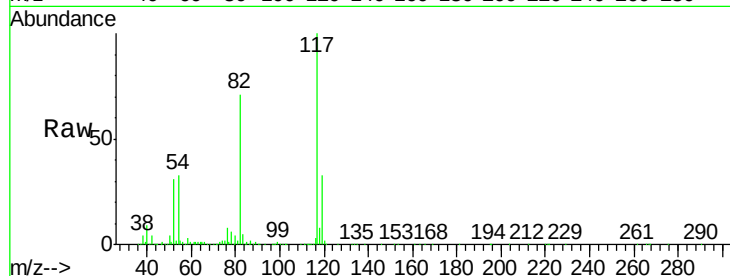




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.33 min Scan# 3498
Delta R.T. -0.01 min
Lab File: VL032236.D
Acq: 13 Jul 2018 2:57

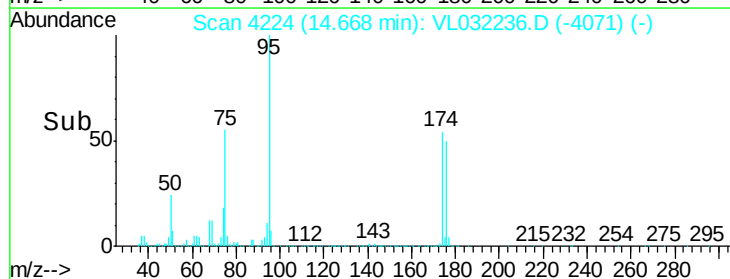
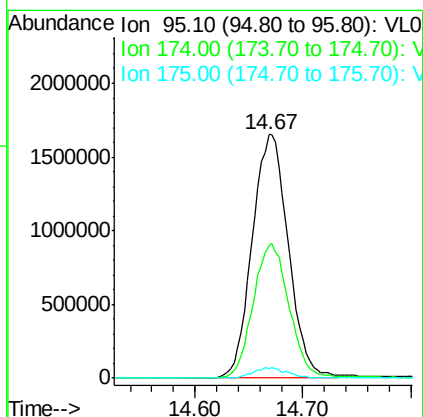
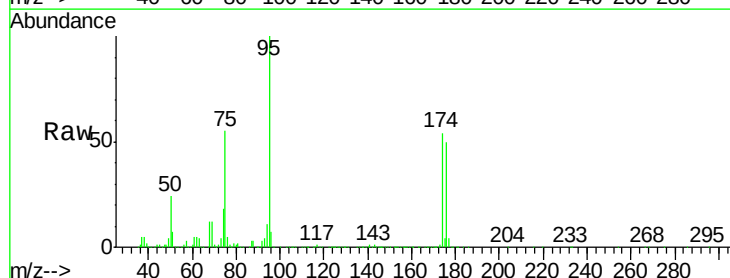
Instrument :
MSVOA_L
ClientSampleId :
VL0712ABL01

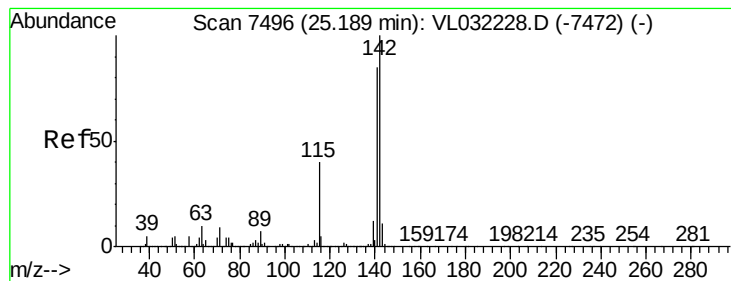
Tgt Ion: 117 Resp: 4798885
Ion Ratio Lower Upper
117 100
82 69.9 53.2 79.8
119 32.4 43.9 65.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.337 ppbv
RT: 14.67 min Scan# 4224
Delta R.T. -0.01 min
Lab File: VL032236.D
Acq: 13 Jul 2018 2:57

Tgt Ion: 95 Resp: 3840140
Ion Ratio Lower Upper
95 100
174 55.0 44.6 67.0
175 4.0 3.3 4.9





#80

Naphthalene, 2-methyl-

Concen: 0.027 ppbv

RT: 25.21 min Scan# 7502

Delta R.T. 0.02 min

Lab File: VL032236.D

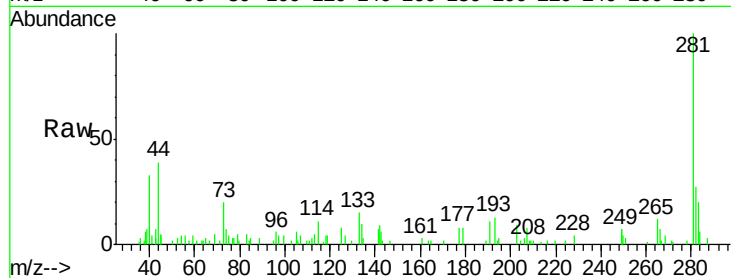
Acq: 13 Jul 2018 2:57

Instrument :

MSVOA_L

ClientSampleId :

VL0712ABL01



Tgt Ion:	142	Resp:	3446
Ion	Ratio	Lower	Upper
142	100		
141	73.6	67.0	100.6
115	58.2	32.6	49.0

