

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031319\
 Data File : VL033308.D
 Acq On : 14 Mar 2019 9:38
 Operator : SY/AP
 Sample : VL0313ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0313ABL01

Quant Time: Mar 15 02:04:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031319AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 14 00:01:31 2019
 QLast Update : Thu Mar 14 00:01:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	722376	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1673116	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1886655	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1509101	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

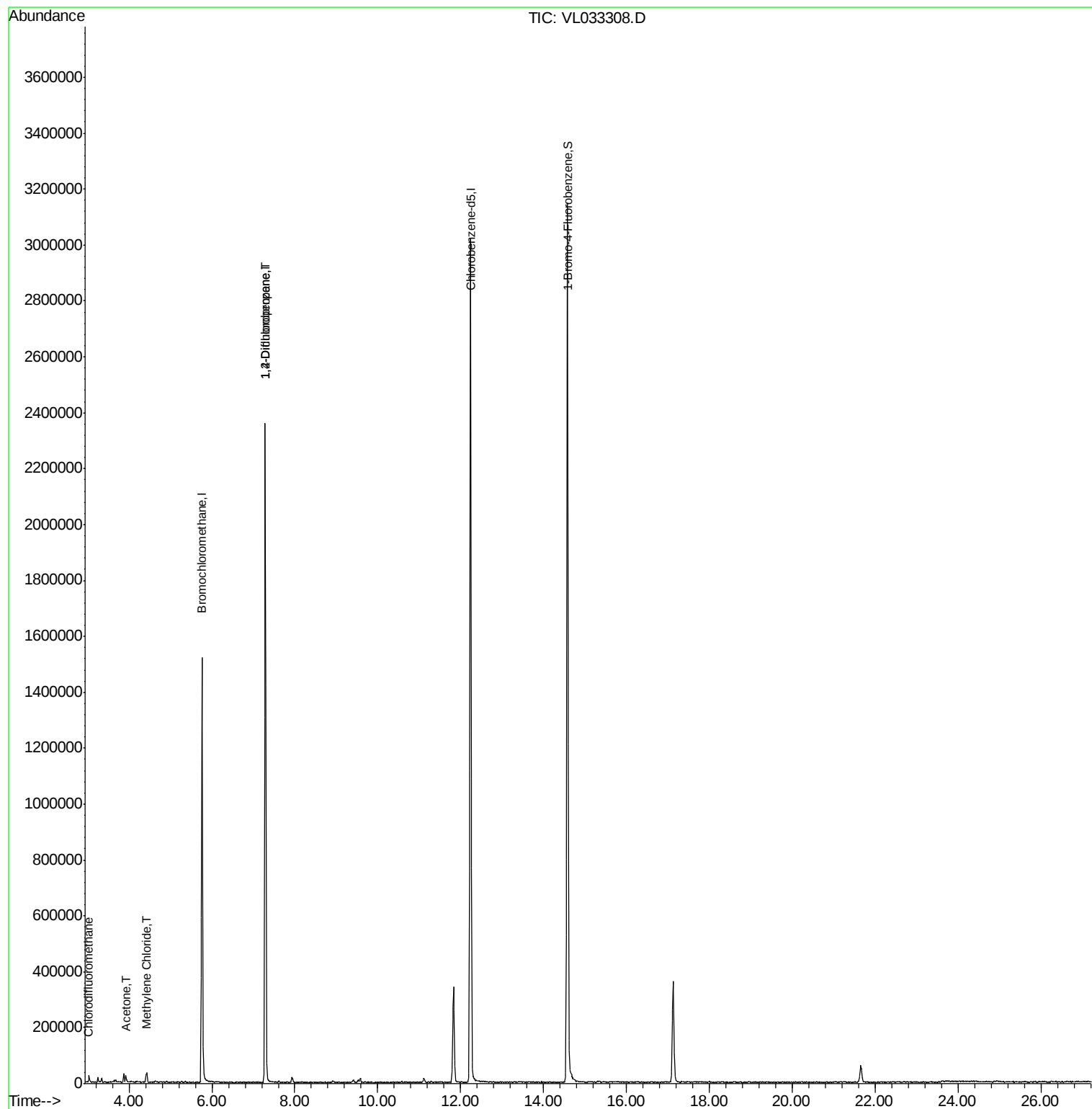
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.01	51	1924	0.020	ppbv	94
15) Acetone	3.92	43	23750	0.239	ppbv	93
20) Methylene Chloride	4.41	84	7810	0.194	ppbv #	73
39) 1,2-Dichloropropane	7.29	63	448334	7.105	ppbv #	25

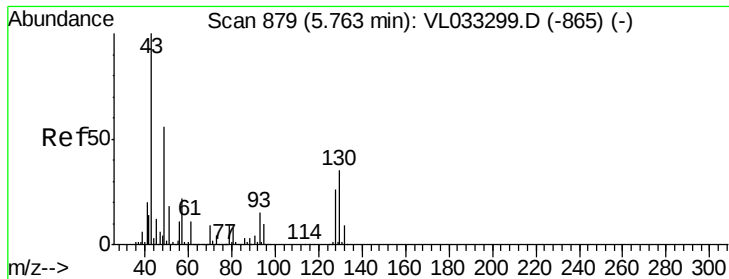
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL031319\
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QLast Update : Thu Mar 14 00:01:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VL0313ABL01

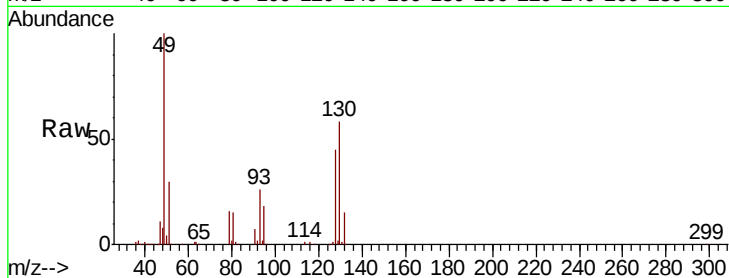
Tgt Ion: 49 Resp: 722376

Ion Ratio Lower Upper

49 100

128 46.7 23.4 70.3

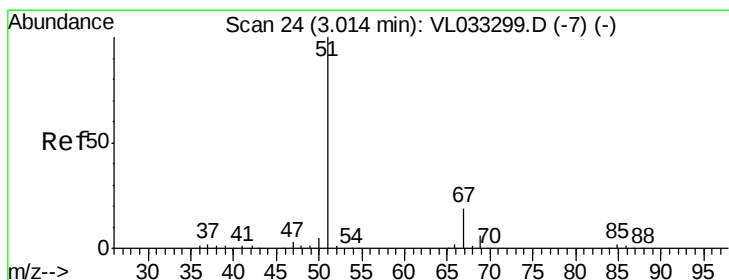
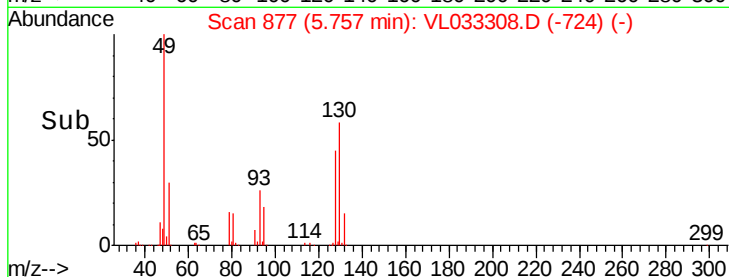
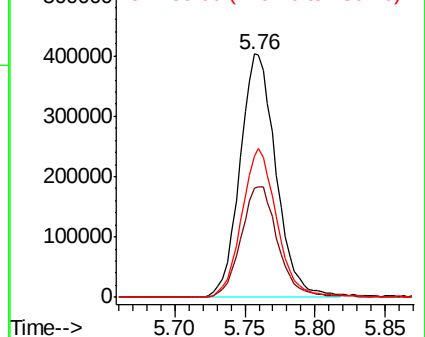
130 60.4 29.9 89.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#3

Chlorodifluoromethane

Concen: 0.020 ppbv

RT: 3.01 min Scan# 24

Delta R.T. -0.00 min

Lab File: VL033308.D

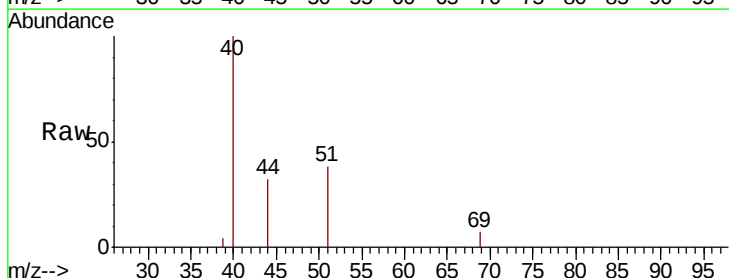
Acq: 14 Mar 2019 9:38

Tgt Ion: 51 Resp: 1924

Ion Ratio Lower Upper

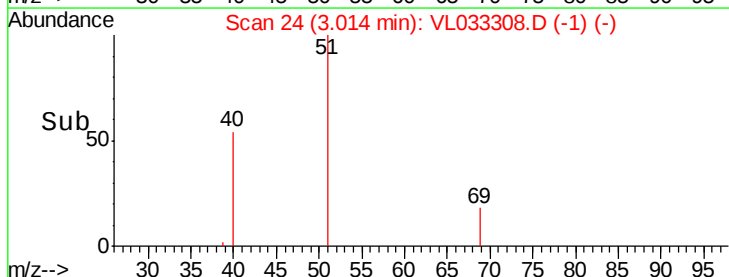
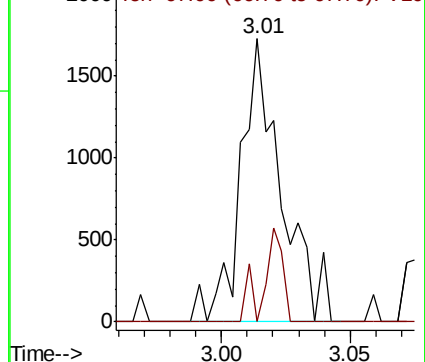
51 100

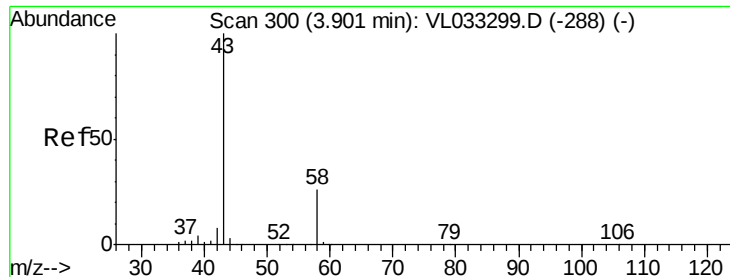
67 15.9 14.9 22.3



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#15

Acetone

Concen: 0.239 ppbv

RT: 3.92 min Scan# 307

Delta R.T. 0.02 min

Lab File: VL033308.D

Acq: 14 Mar 2019 9:38

Instrument :

MSVOA_L

ClientSampleId :

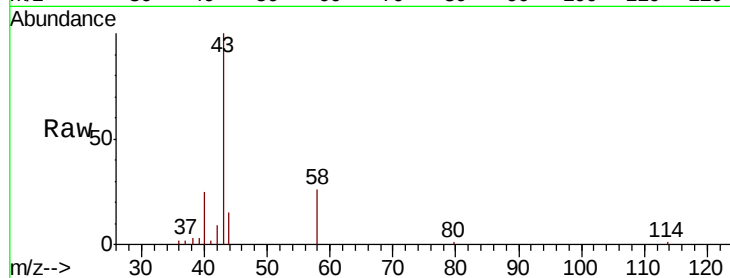
VL0313ABL01

Tgt Ion: 43 Resp: 23750

Ion Ratio Lower Upper

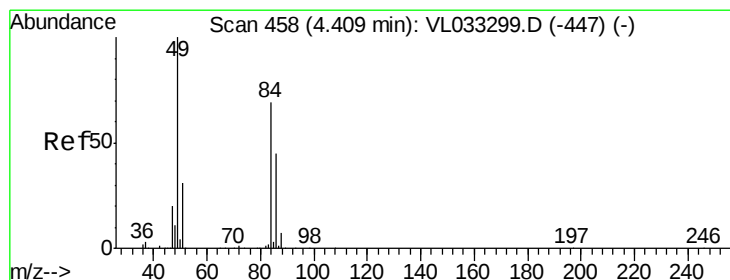
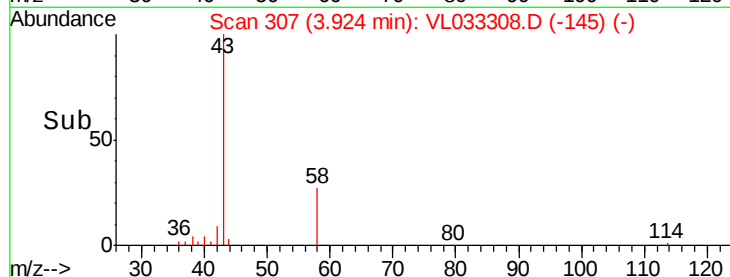
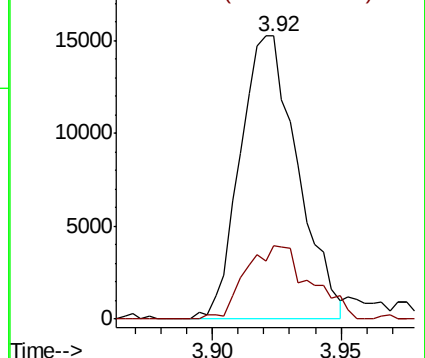
43 100

58 29.5 20.6 31.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.194 ppbv

RT: 4.41 min Scan# 457

Delta R.T. -0.00 min

Lab File: VL033308.D

Acq: 14 Mar 2019 9:38

Tgt Ion: 84 Resp: 7810

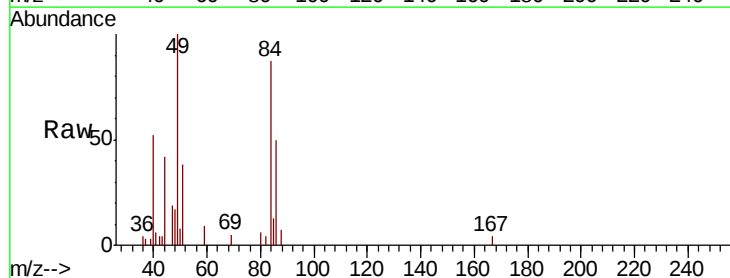
Ion Ratio Lower Upper

84 100

49 100.5 115.4 173.2#

51 38.4 35.7 53.5

86 50.1 52.6 78.8#

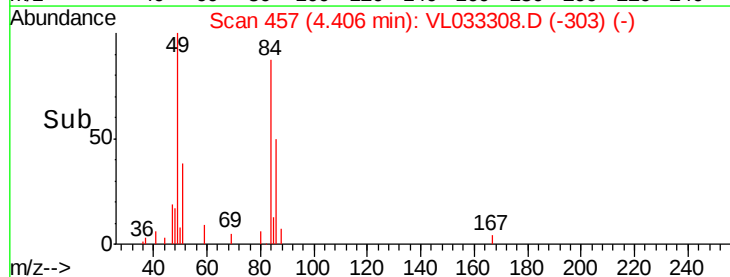
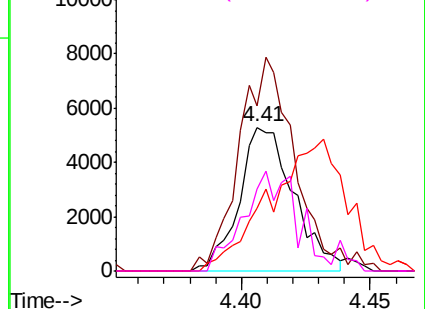


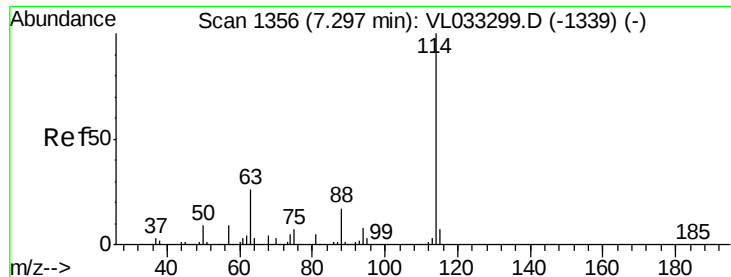
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

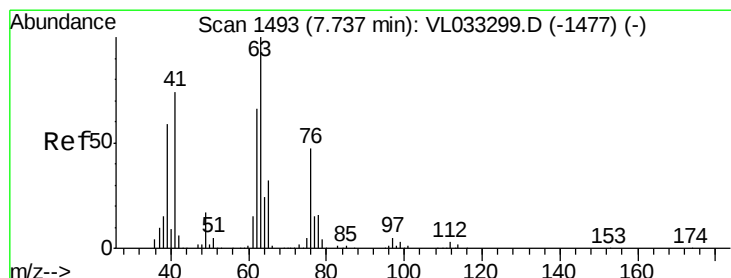
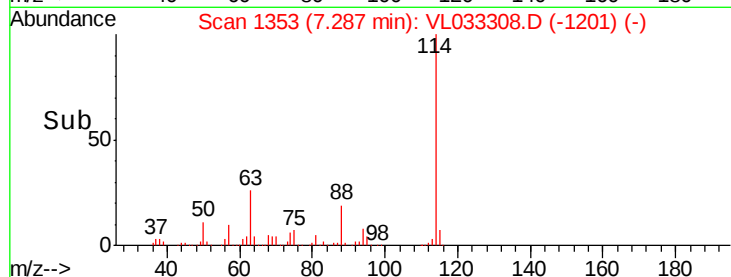
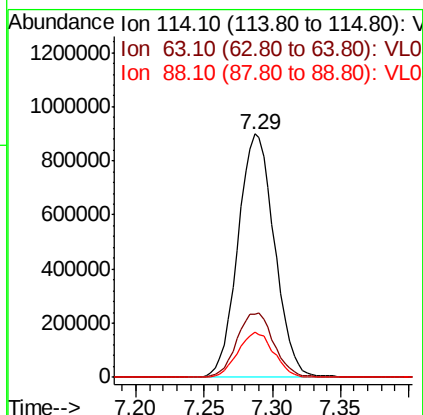
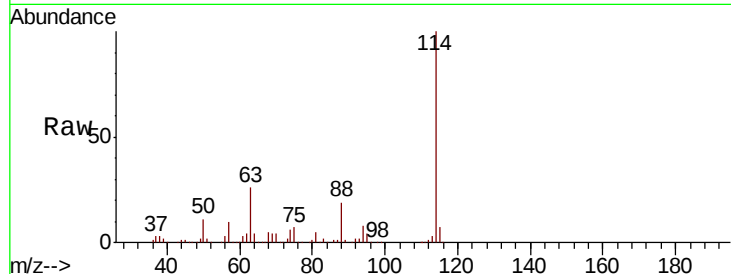




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033308.D
 Acq: 14 Mar 2019 9:38

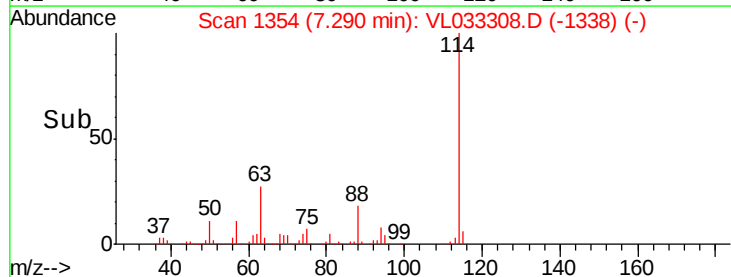
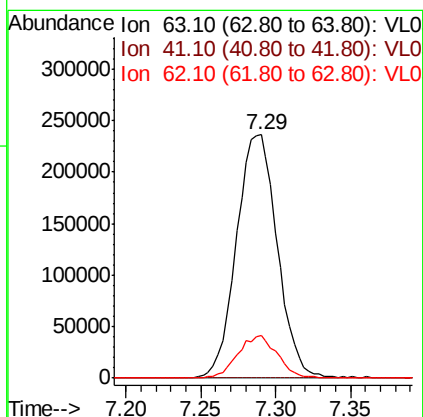
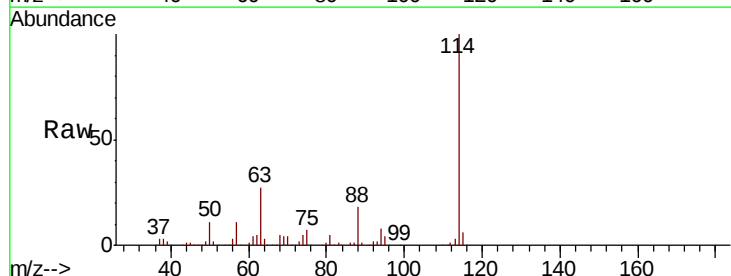
Instrument :
 MSVOA_L
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 VL0313ABL01

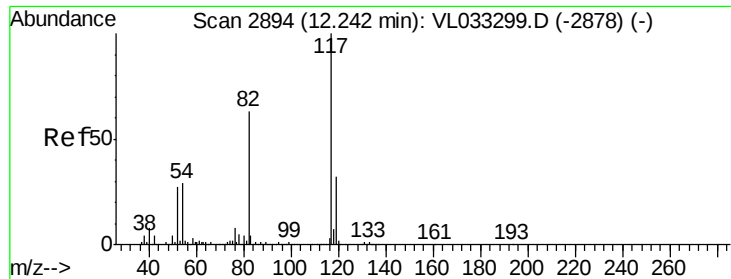
Tgt Ion: 114 Resp: 1673116
 Ion Ratio Lower Upper
 114 100
 63 26.9 21.3 31.9
 88 18.2 14.5 21.7



#39
 1,2-Dichloropropane
 Concen: 7.105 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.45 min
 Lab File: VL033308.D
 Acq: 14 Mar 2019 9:38

Tgt Ion: 63 Resp: 448334
 Ion Ratio Lower Upper
 63 100
 41 0.0 59.0 88.4#
 62 17.3 53.0 79.4#

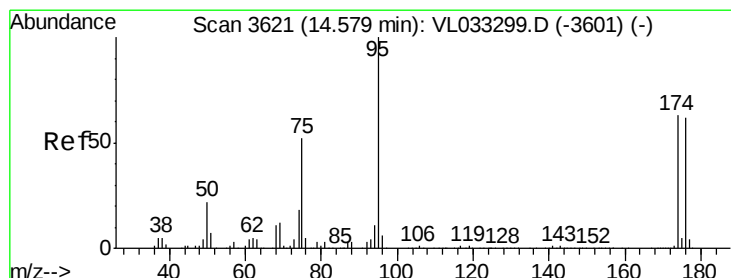
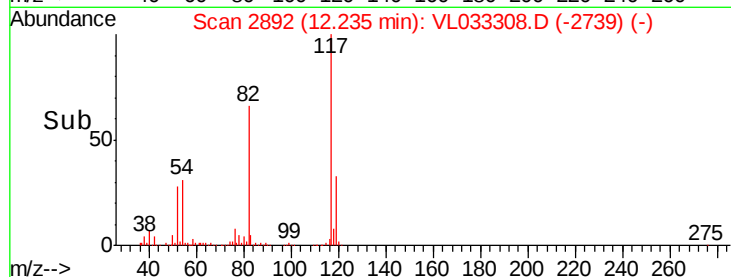
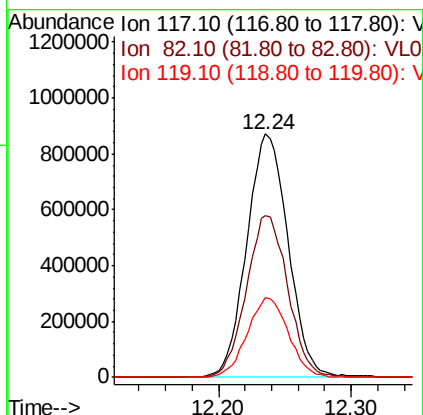
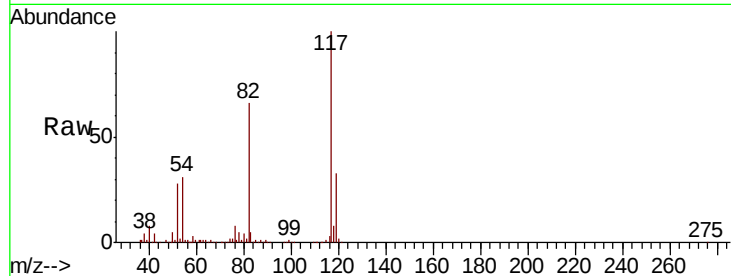




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033308.D
Acq: 14 Mar 2019 9:38

Instrument :
MSVOA_L
ClientSampleId :
VL0313ABL01

Tgt Ion:117 Resp: 1886655
Ion Ratio Lower Upper
117 100
82 66.7 51.3 76.9
119 32.8 27.0 40.4



#68
1-Bromo-4-Fluorobenzene
Concen: 10.474 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL033308.D
Acq: 14 Mar 2019 9:38

Tgt Ion: 95 Resp: 1509101
Ion Ratio Lower Upper
95 100
174 64.9 51.9 77.9
175 4.7 3.9 5.9

