

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031519\
 Data File : VL033334.D
 Acq On : 15 Mar 2019 17:03
 Operator : SY/AP
 Sample : VL0315ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 16 03:56:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	819146	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1824397	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2047849	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1534740	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

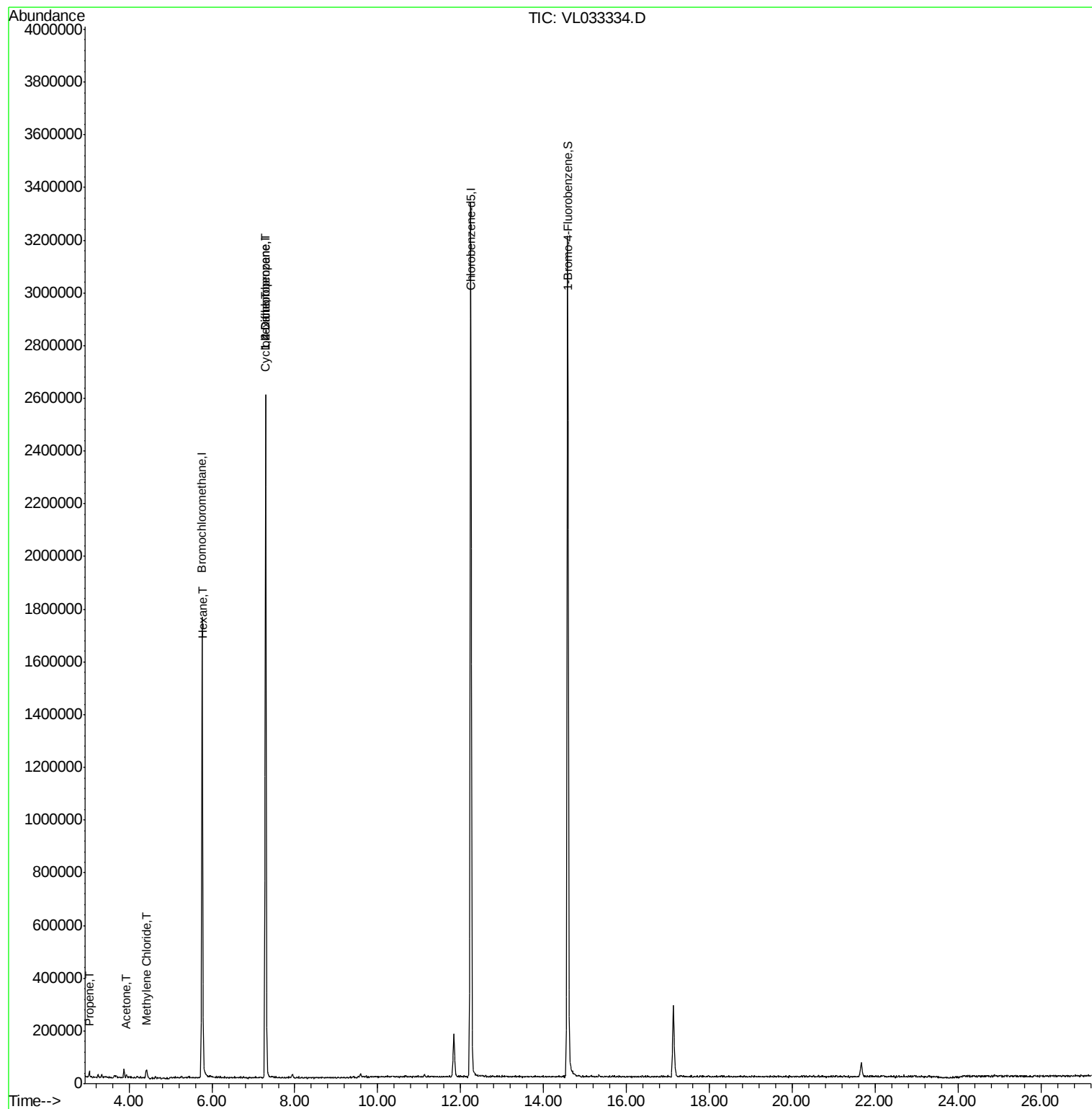
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	997	0.024	ppbv #	75
15) Acetone	3.93	43	10449	0.082	ppbv #	81
20) Methylene Chloride	4.42	84	2657	0.064	ppbv	95
26) Hexane	5.78	57	2007	0.024	ppbv #	40
30) Cyclohexane	7.28	84	1649	0.025	ppbv #	1
39) 1,2-Dichloropropane	7.29	63	486742	7.961	ppbv #	24

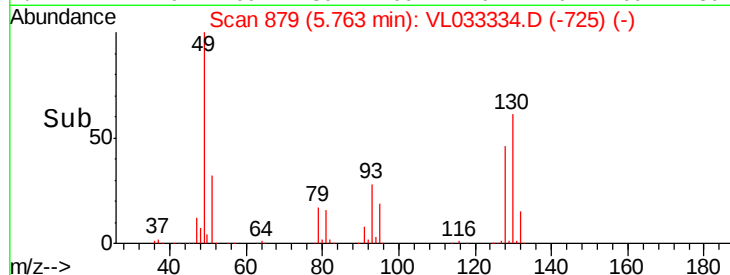
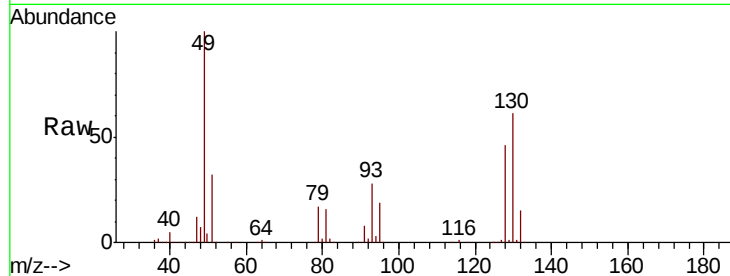
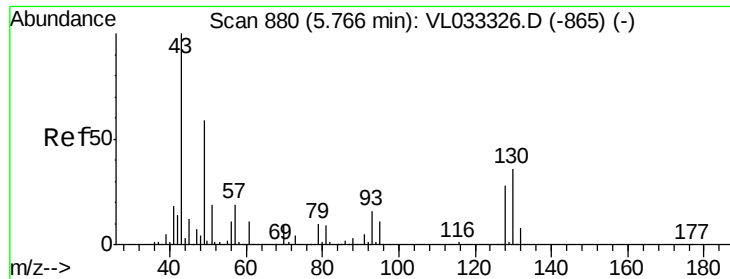
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031519\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.00 min

Lab File: VL033334.D

Acq: 15 Mar 2019 17:03

Instrument :

MSVOA_L

ClientSampleId :

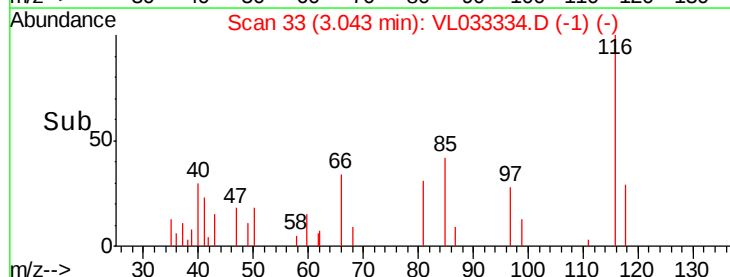
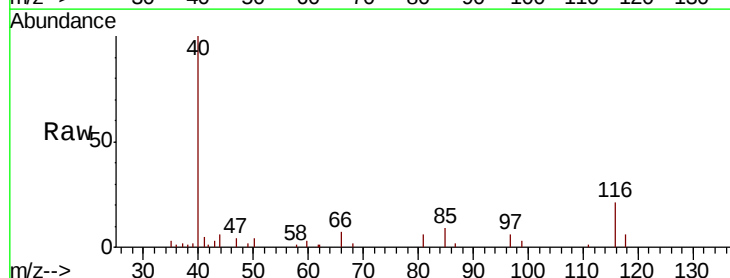
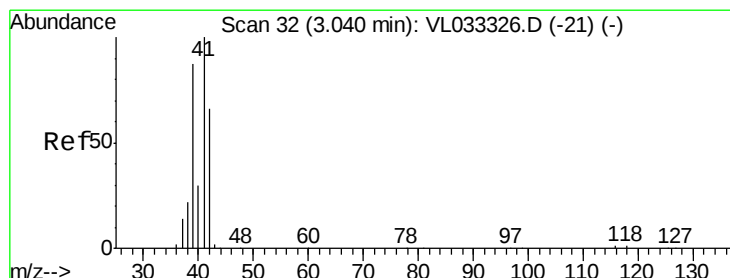
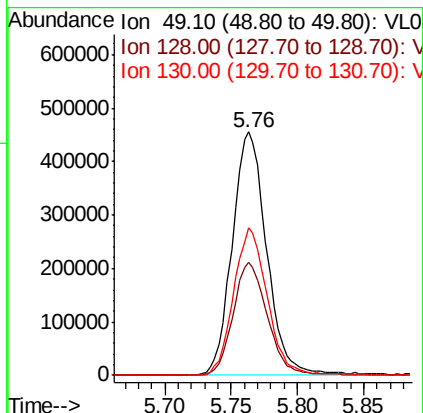
Tot Ion: 49 Resp: 819146

Ion Ratio Lower Upper

49 100

128 46.8 23.5 70.6

130 60.2 30.1 90.3



#9

Propene

Concen: 0.024 ppbv

RT: 3.04 min Scan# 33

Delta R.T. 0.00 min

Lab File: VL033334.D

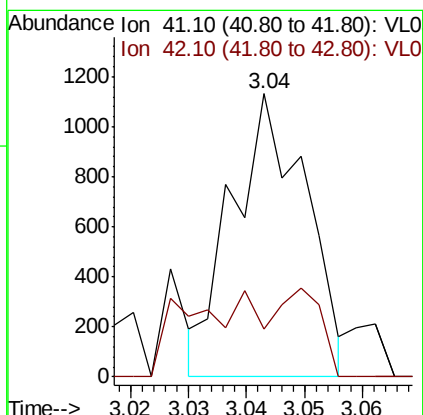
Acq: 15 Mar 2019 17:03

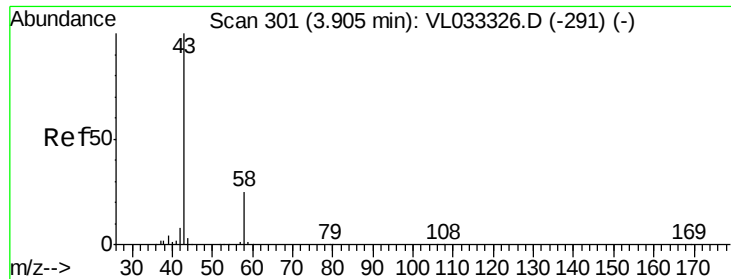
Tgt Ion: 41 Resp: 997

Ion Ratio Lower Upper

41 100

42 48.3 55.2 82.8#

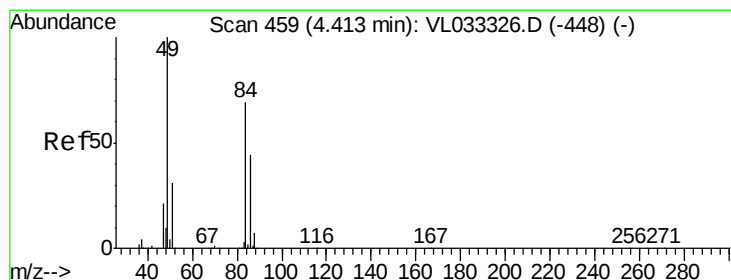
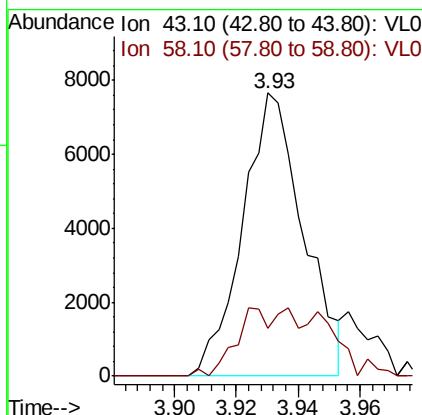
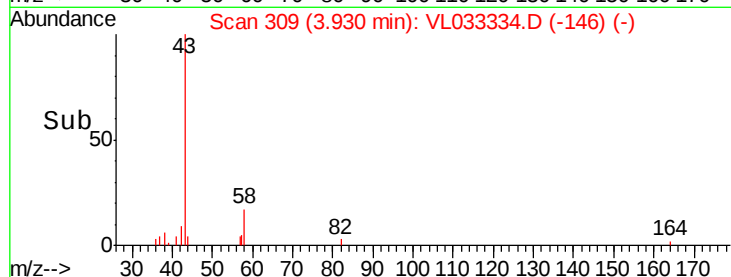
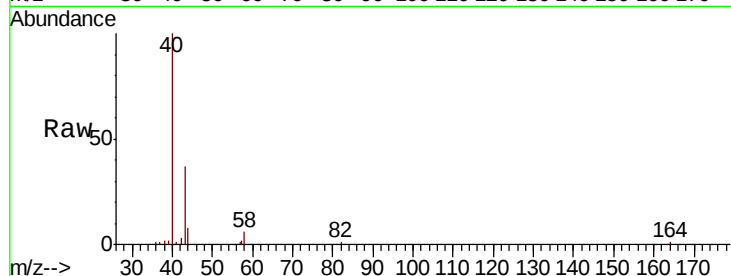




#15
Acetone
Concen: 0.082 ppbv
RT: 3.93 min Scan# 309
Delta R.T. 0.03 min
Lab File: VL033334.D
Acq: 15 Mar 2019 17:03

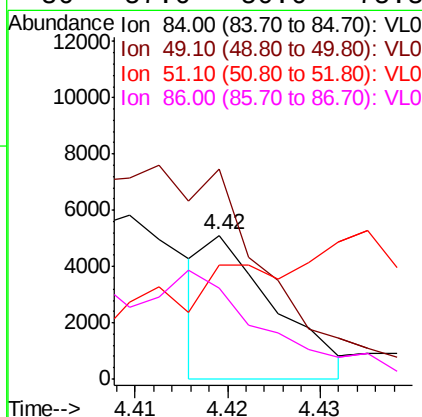
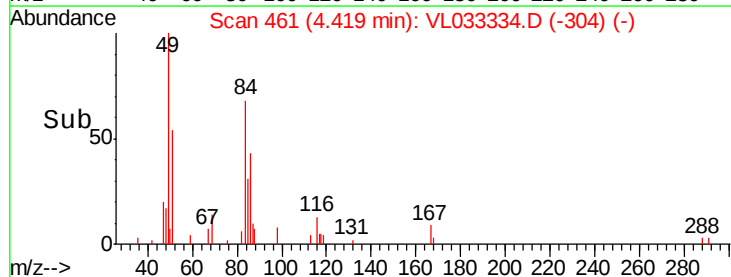
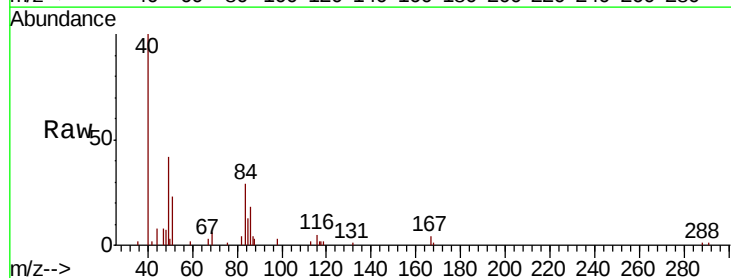
Instrument :
MSVOA_L
ClientSampleId :

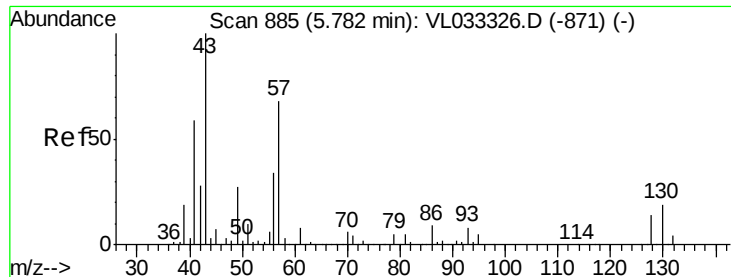
Tot Ion: 43 Resp: 10449
Ion Ratio Lower Upper
43 100
58 35.0 20.4 30.6#



#20
Methylene Chloride
Concen: 0.064 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.01 min
Lab File: VL033334.D
Acq: 15 Mar 2019 17:03

Tgt Ion: 84 Resp: 2657
Ion Ratio Lower Upper
84 100
49 140.1 115.4 173.0
51 39.2 35.8 53.6
86 57.6 50.6 75.8





#26

Hexane

Concen: 0.024 ppbv

RT: 5.78 min Scan# 884

Delta R.T. -0.00 min

Lab File: VL033334.D

Acq: 15 Mar 2019 17:03

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 57 Resp: 2007

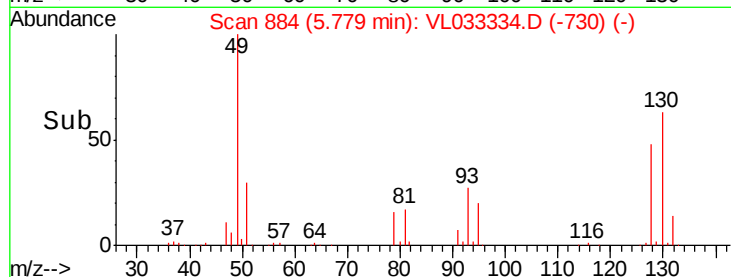
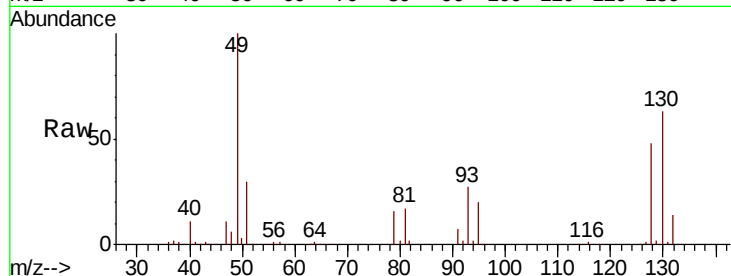
Ion Ratio Lower Upper

57 100

41 134.2 70.5 105.7#

43 108.7 181.8 272.8#

56 72.2 42.2 63.2#

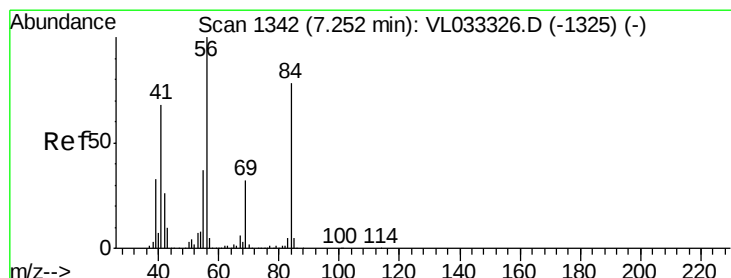
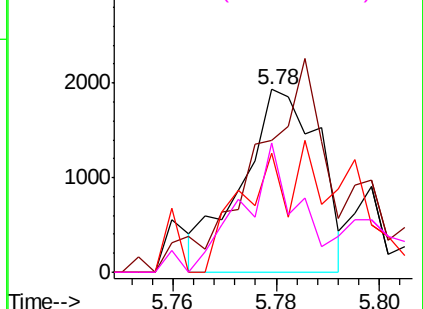


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#30

Cyclohexane

Concen: 0.025 ppbv

RT: 7.28 min Scan# 1351

Delta R.T. 0.03 min

Lab File: VL033334.D

Acq: 15 Mar 2019 17:03

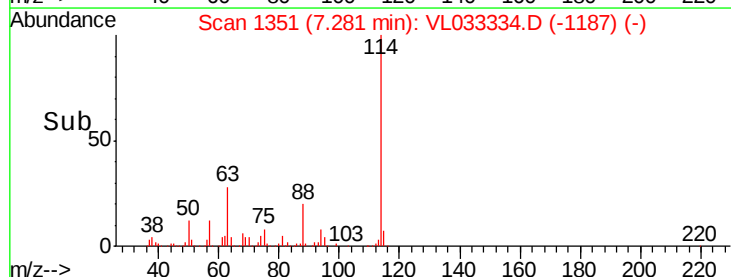
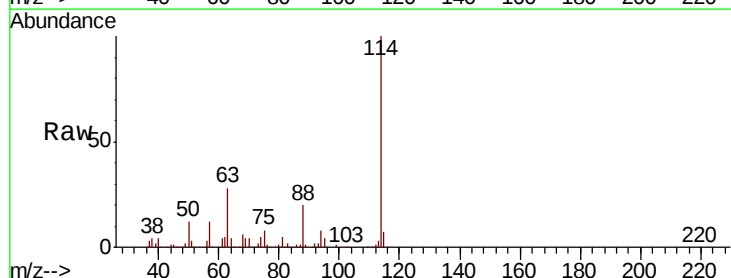
Tgt Ion: 84 Resp: 1649

Ion Ratio Lower Upper

84 100

56 0.0 111.3 166.9#

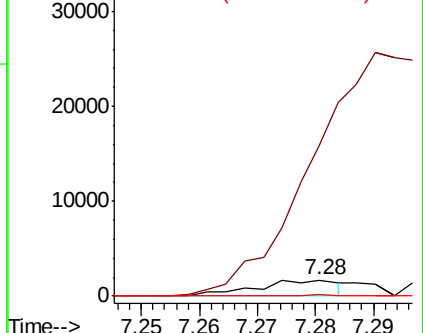
41 0.0 69.6 104.4#

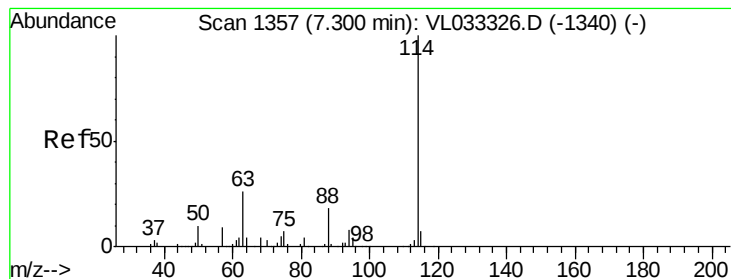


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VL033334.D

Acq: 15 Mar 2019 17:03

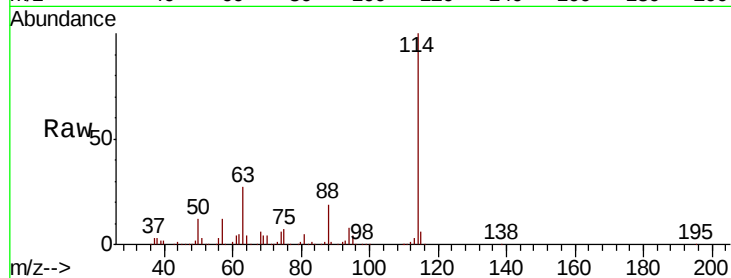
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:114 Resp: 1824397

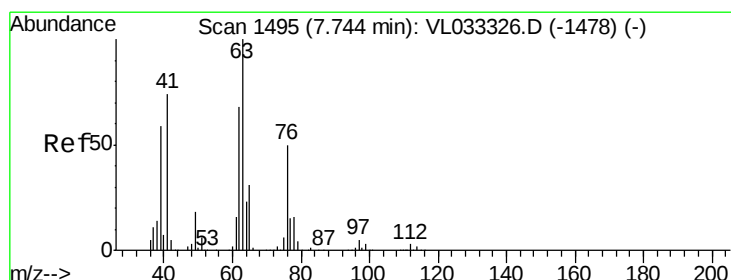
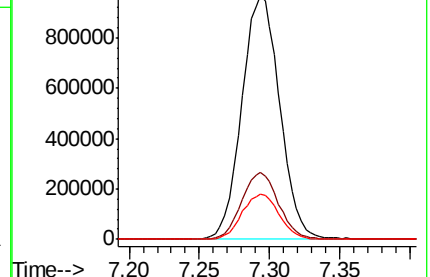
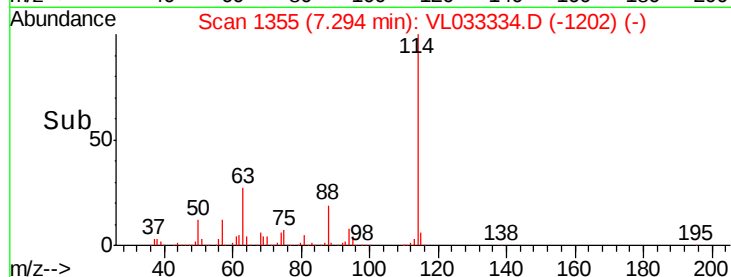
Ion	Ratio	Lower	Upper
114	100		
63	27.0	21.4	32.2
88	18.5	14.5	21.7



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#39

1,2-Dichloropropane

Concen: 7.961 ppbv

RT: 7.29 min Scan# 1355

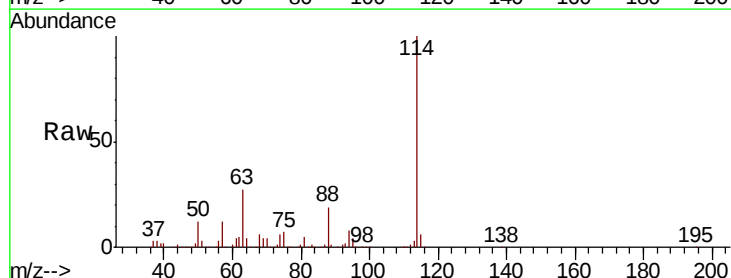
Delta R.T. -0.45 min

Lab File: VL033334.D

Acq: 15 Mar 2019 17:03

Tgt Ion: 63 Resp: 486742

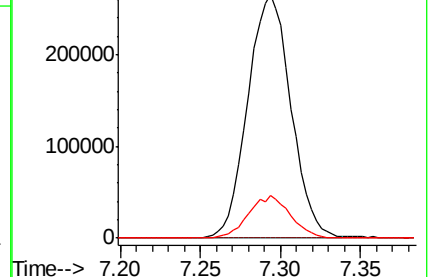
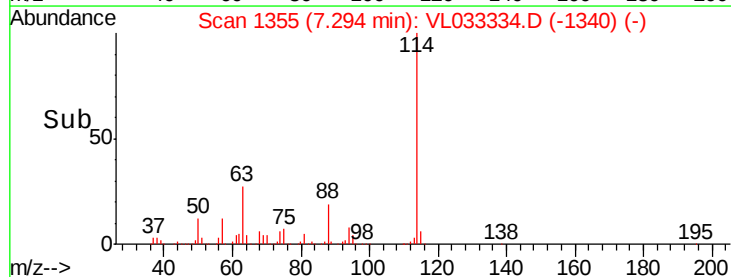
Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.5	89.3#
62	17.3	54.7	82.1#

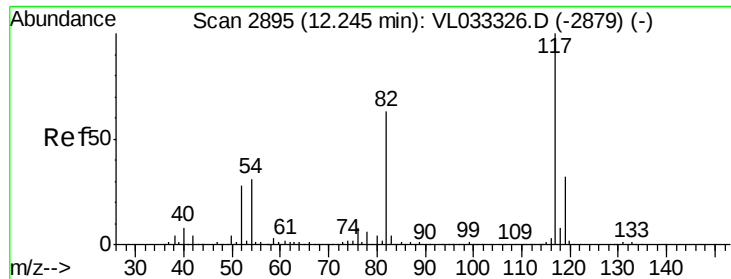


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

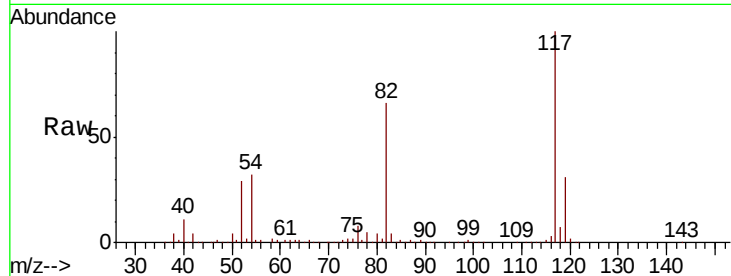




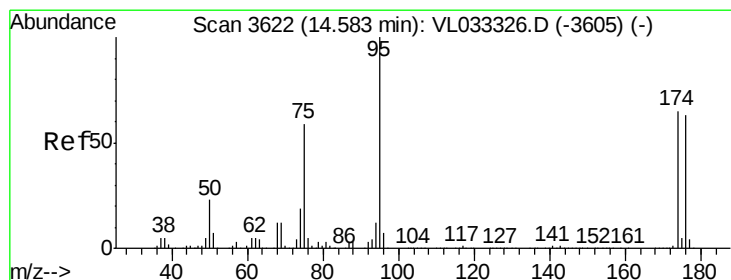
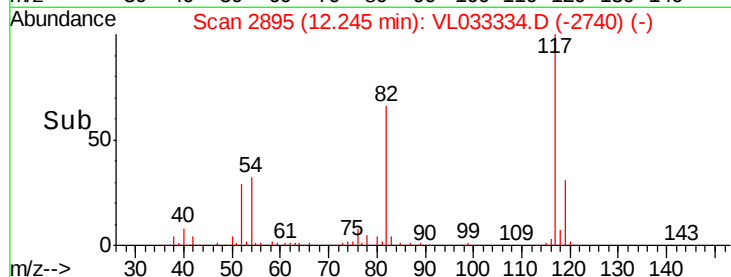
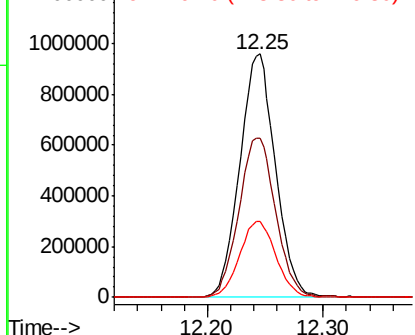
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.00 min
Lab File: VL033334.D
Acq: 15 Mar 2019 17:03

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2047849
Ion Ratio Lower Upper
117 100
82 67.9 53.4 80.2
119 31.9 27.3 40.9

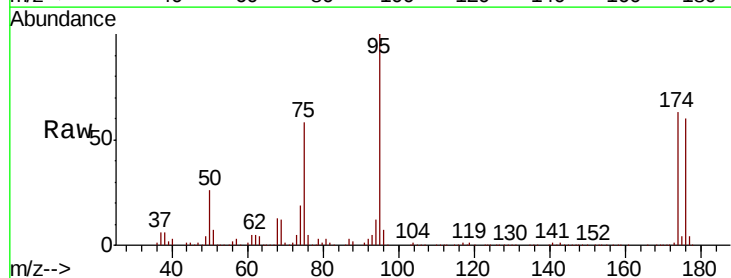


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.114 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.00 min
Lab File: VL033334.D
Acq: 15 Mar 2019 17:03

Tgt Ion: 95 Resp: 1534740
Ion Ratio Lower Upper
95 100
174 65.1 51.5 77.3
175 4.6 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

