

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL011619\
Quantitation Report (Not Reviewed)

Data File : VL033104.D
Acq On : 16 Jan 2019 23:15
Operator : SY/AP
Sample : CAN 10269
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10269

Quant Time: Jan 17 01:56:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL010419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jan 04 16:09:05 2019
QLast Update : Fri Jan 04 16:09:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	956109	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2235690	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2001392	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1539537	10.03	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

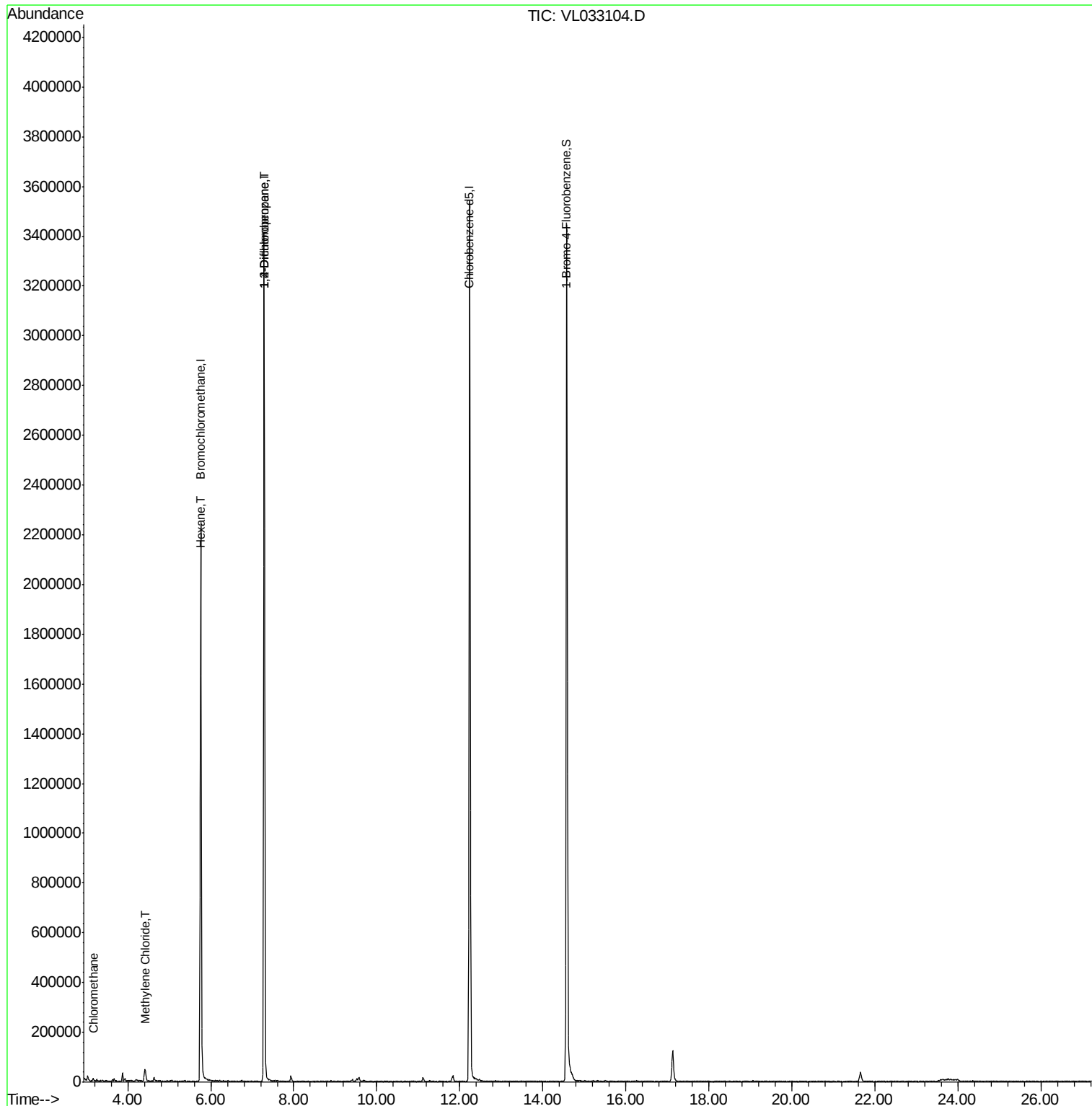
Target Compounds					Qvalue
4) Chloromethane	3.17	50	7842	0.127 ppbv	99
20) Methylene Chloride	4.40	84	13236	0.240 ppbv	93
26) Hexane	5.77	57	4807	0.046 ppbv #	39
39) 1,2-Dichloropropane	7.28	63	574661	8.353 ppbv #	23

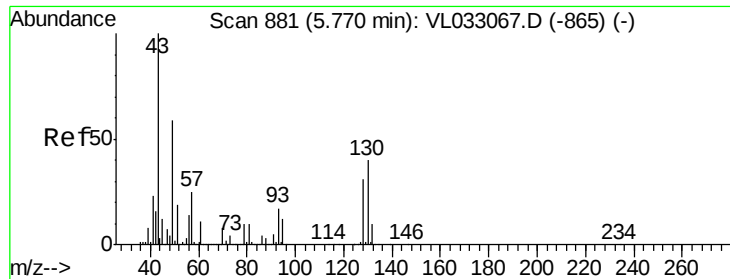
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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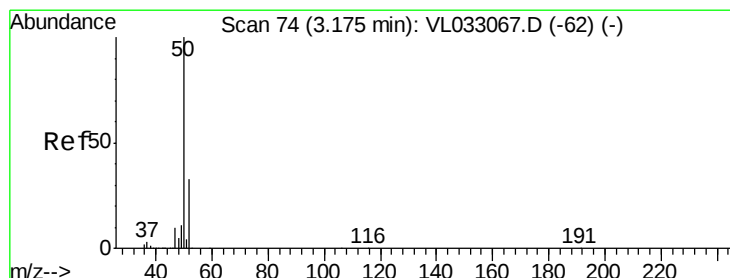
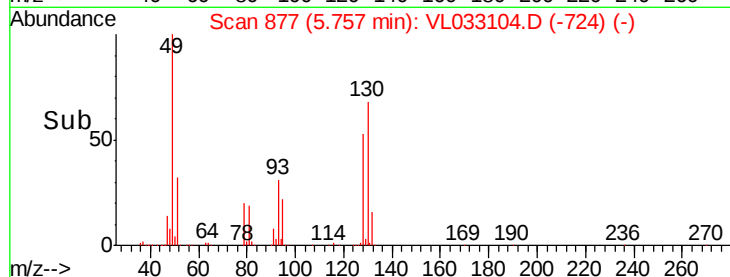
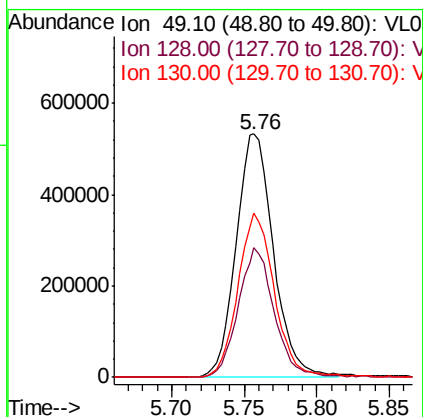
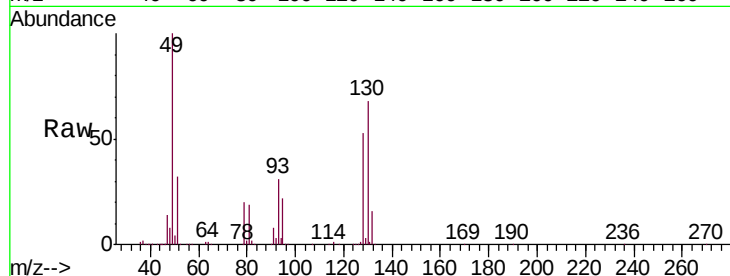




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.76 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: VL033104.D
 Acq: 16 Jan 2019 23:15

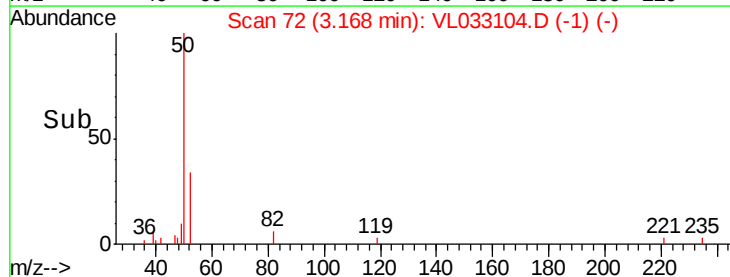
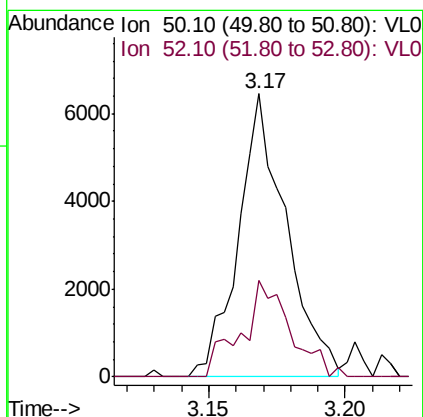
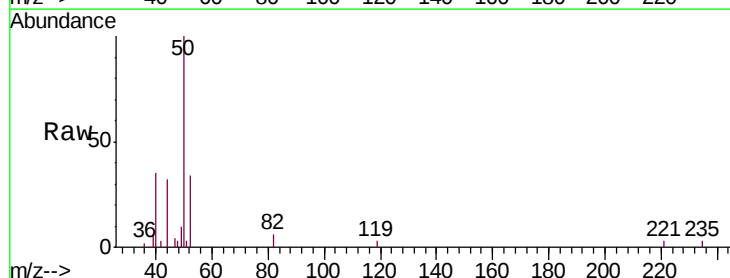
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10269

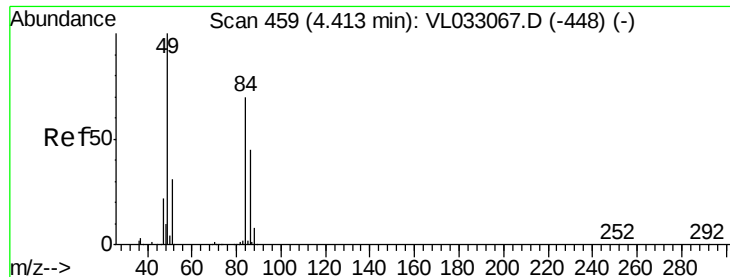
Tgt Ion: 49 Resp: 956109
 Ion Ratio Lower Upper
 49 100
 128 51.6 26.2 78.5
 130 66.7 33.6 100.6



#4
 Chloromethane
 Concen: 0.127 ppbv
 RT: 3.17 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: VL033104.D
 Acq: 16 Jan 2019 23:15

Tgt Ion: 50 Resp: 7842
 Ion Ratio Lower Upper
 50 100
 52 34.0 26.9 40.3





#20

Methylene Chloride

Concen: 0.240 ppbv

RT: 4.40 min Scan# 456

Delta R.T. -0.01 min

Lab File: VL033104.D

Acq: 16 Jan 2019 23:15

Instrument :

MSVOA_L

ClientSampleId :

CAN 10269

Tgt Ion: 84 Resp: 13236

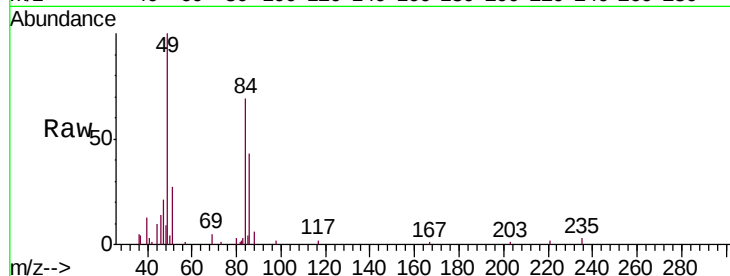
Ion Ratio Lower Upper

84 100

49 138.3 115.8 173.6

51 39.9 35.7 53.5

86 54.3 49.7 74.5

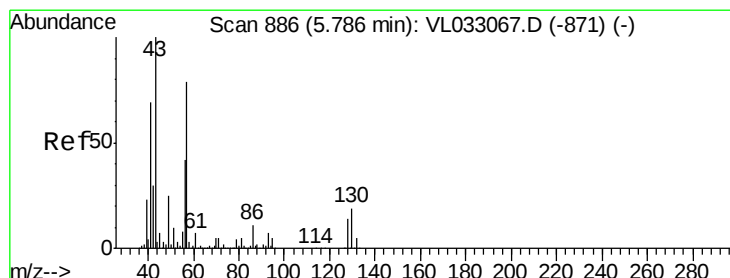
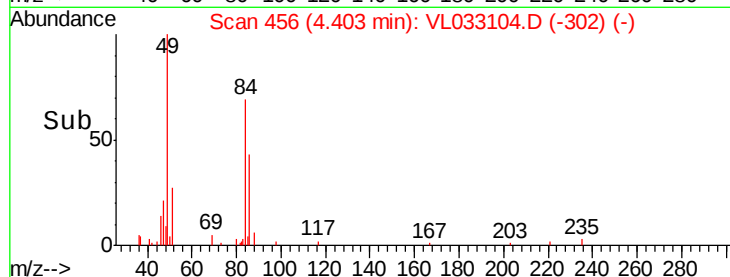
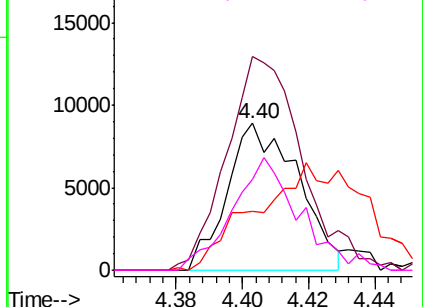


Abundance Ion 84.00 (83.70 to 84.70): VL0

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



#26

Hexane

Concen: 0.046 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.01 min

Lab File: VL033104.D

Acq: 16 Jan 2019 23:15

Tgt Ion: 57 Resp: 4807

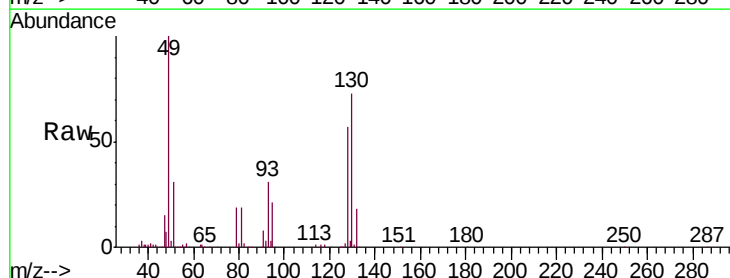
Ion Ratio Lower Upper

57 100

41 119.6 70.8 106.2#

43 86.6 171.8 257.6#

56 69.3 41.9 62.9#

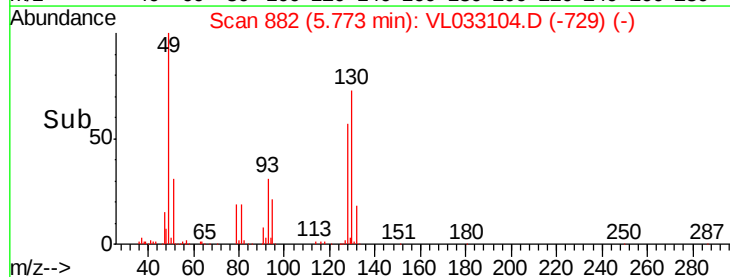
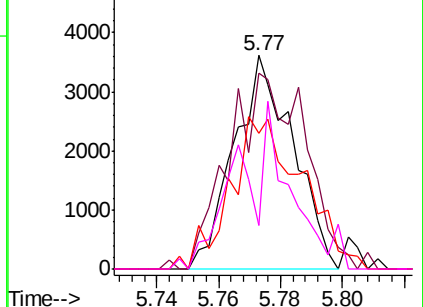


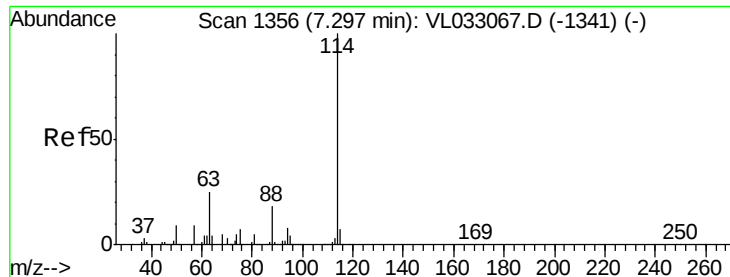
Abundance Ion 57.10 (56.80 to 57.80): VL0

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

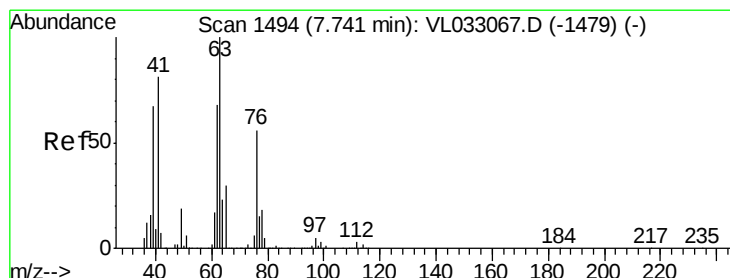
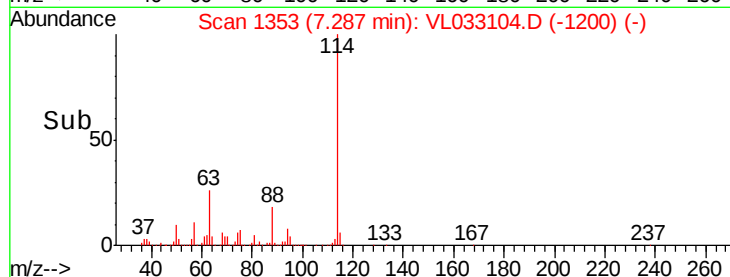
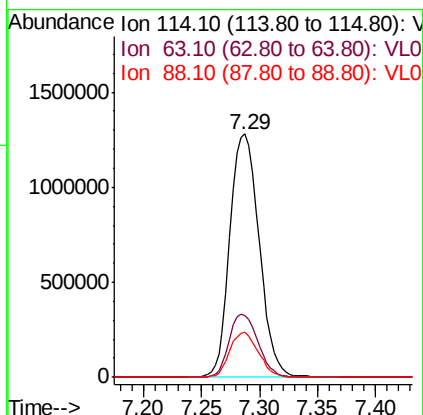
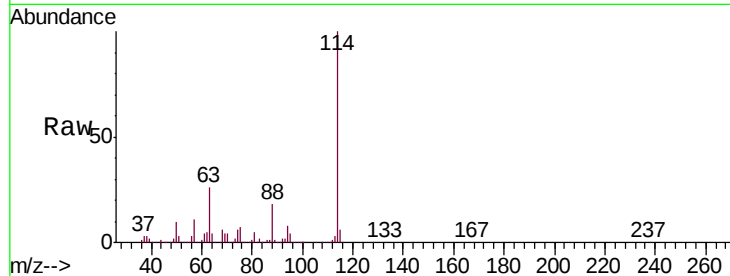




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033104.D
 Acq: 16 Jan 2019 23:15

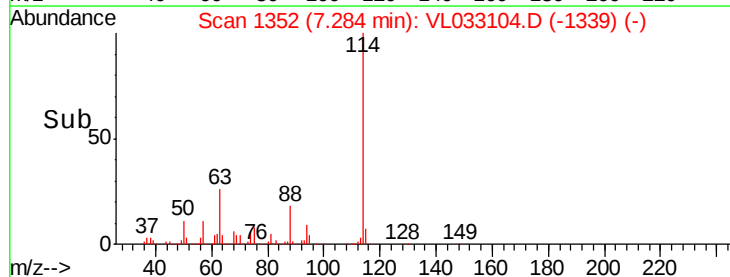
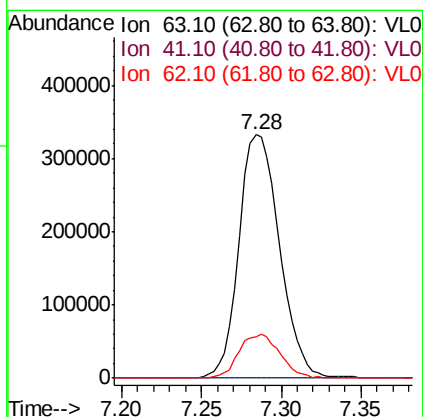
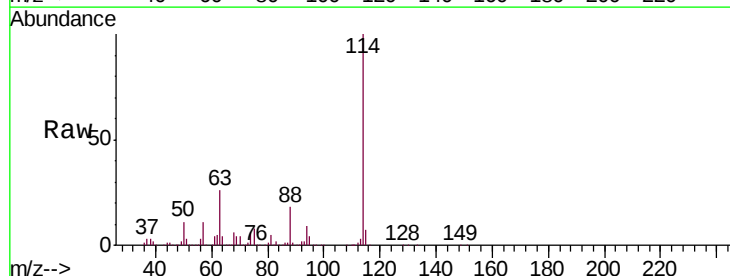
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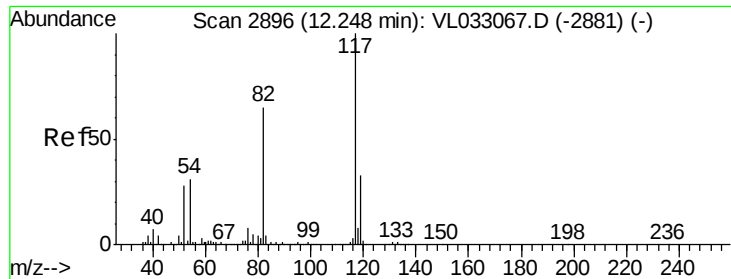
Tgt Ion:114 Resp: 2235690
 Ion Ratio Lower Upper
 114 100
 63 25.9 20.1 30.1
 88 18.0 14.0 21.0



#39
 1,2-Dichloropropane
 Concen: 8.353 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.46 min
 Lab File: VL033104.D
 Acq: 16 Jan 2019 23:15

Tgt Ion: 63 Resp: 574661
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.9 92.9#
 62 17.1 55.8 83.6#

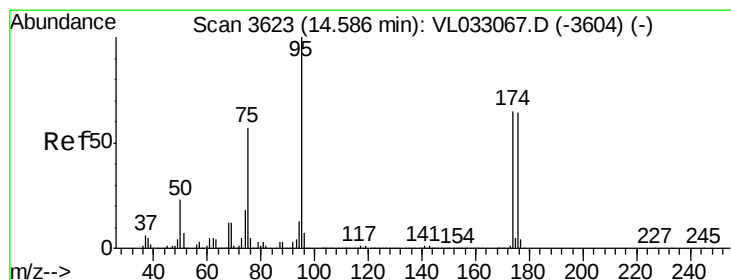
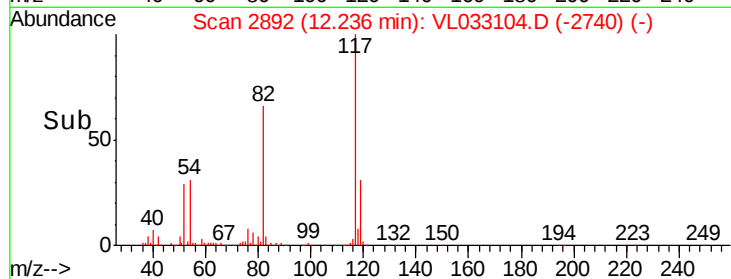
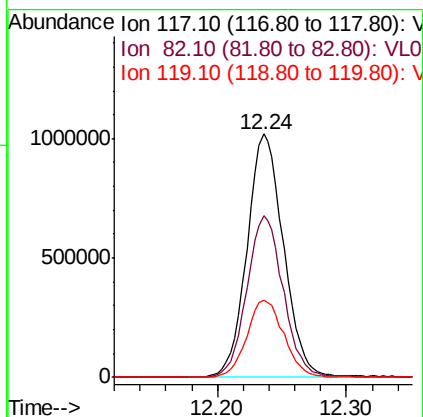
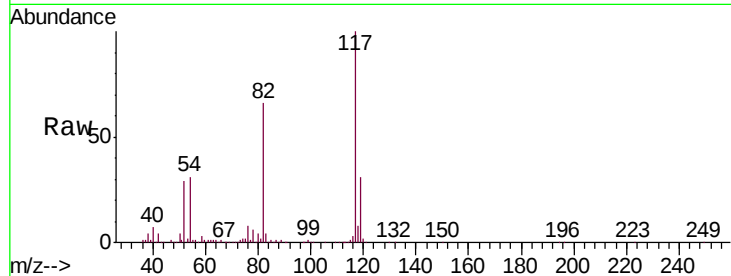




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033104.D
Acq: 16 Jan 2019 23:15

Instrument :
MSVOA_L
ClientSampleId :
CAN 10269

Tgt Ion: 117 Resp: 2001392
Ion Ratio Lower Upper
117 100
82 66.9 48.9 73.3
119 32.5 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.035 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033104.D
Acq: 16 Jan 2019 23:15

Tgt Ion: 95 Resp: 1539537
Ion Ratio Lower Upper
95 100
174 64.3 51.9 77.9
175 4.5 3.9 5.9

