

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052919\
Quantitation Report (Not Reviewed)

Data File : VL033841.D
Acq On : 29 May 2019 18:12
Operator : SY/AP
Sample : VL0529ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL01

Quant Time: May 30 02:10:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	675650	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1627749	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	1617292	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1305856	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

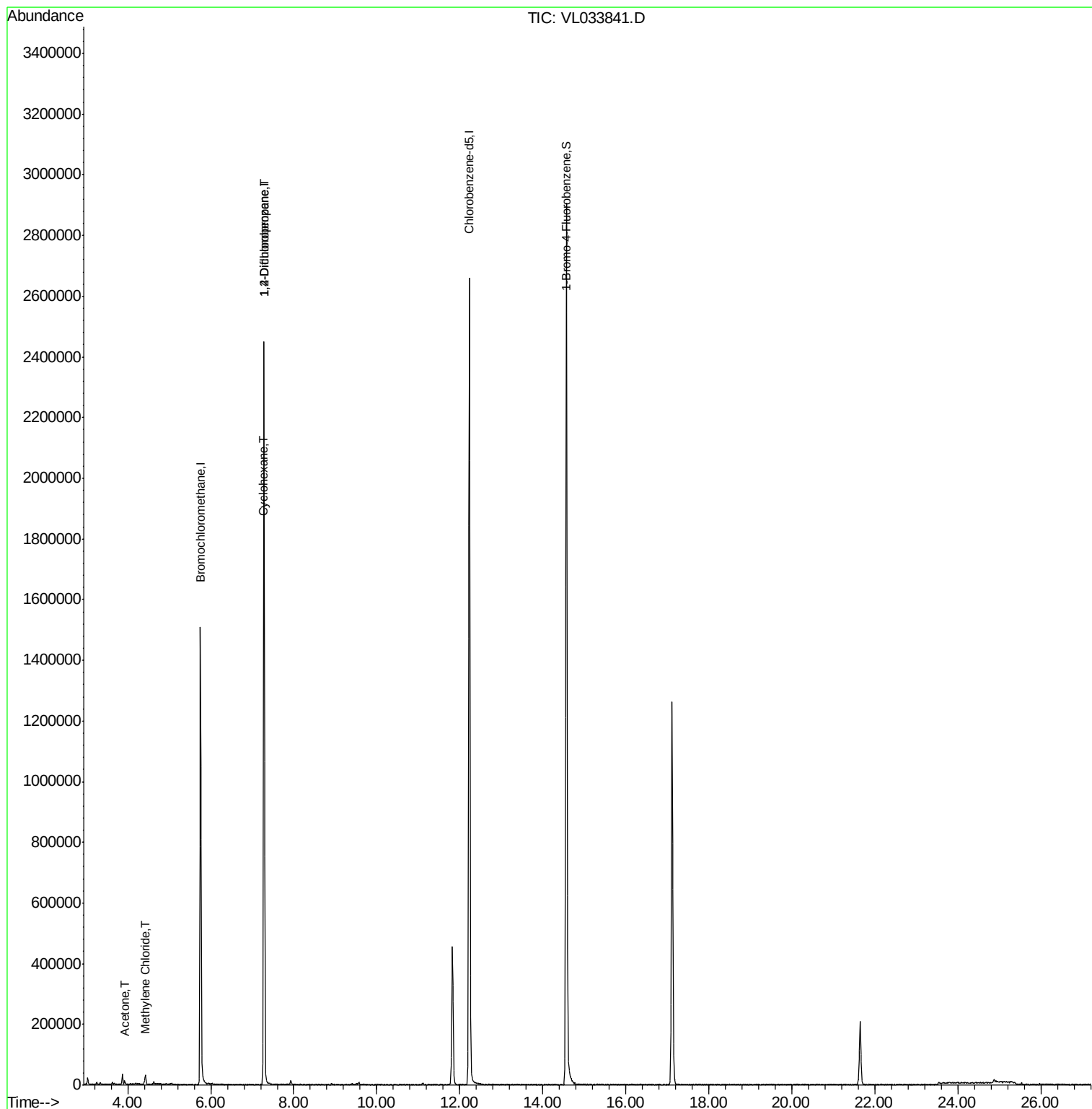
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.92	43	4660	0.050	ppbv #	22
20) Methylene Chloride	4.40	84	1934	0.054	ppbv #	64
30) Cyclohexane	7.26	84	3728	0.063	ppbv #	1
39) 1,2-Dichloropropane	7.28	63	431422	7.815	ppbv #	24

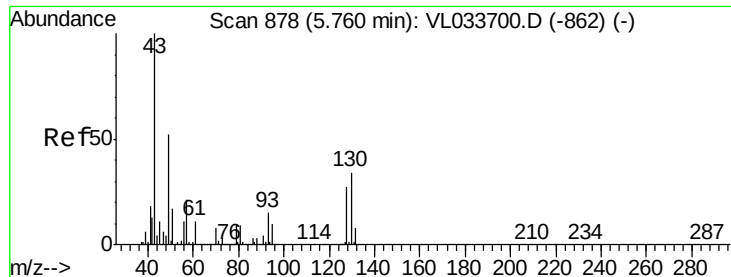
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

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ClientSampleId :

VL0529ABL01

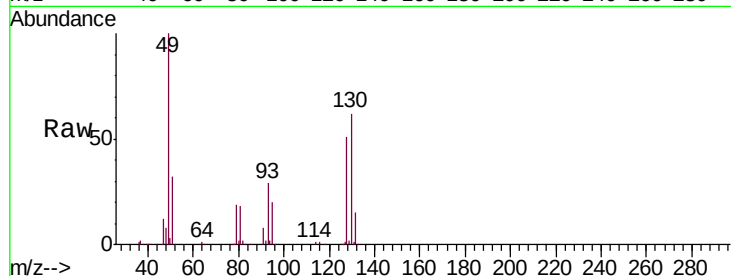
Tgt Ion: 49 Resp: 675650

Ion Ratio Lower Upper

49 100

128 50.5 25.2 75.6

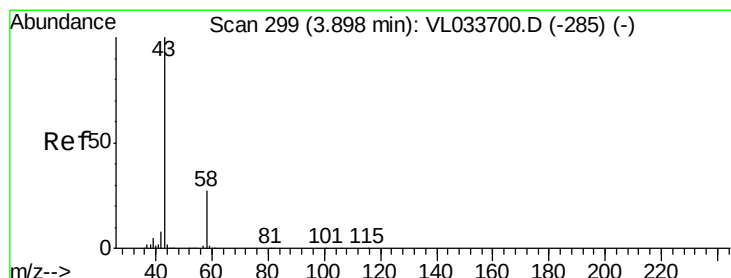
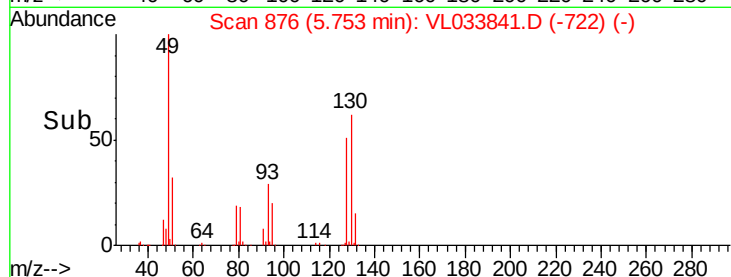
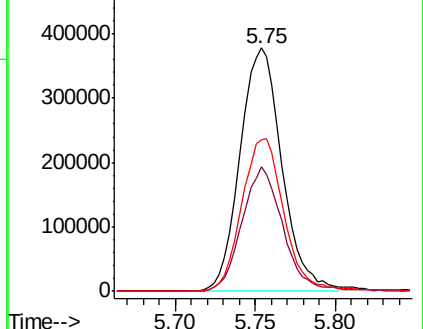
130 64.1 32.5 97.5



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



#15

Acetone

Concen: 0.050 ppbv

RT: 3.92 min Scan# 306

Delta R.T. 0.02 min

Lab File: VL033841.D

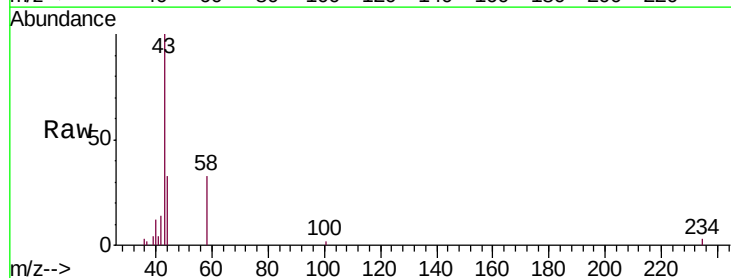
Acq: 29 May 2019 18:12

Tgt Ion: 43 Resp: 4660

Ion Ratio Lower Upper

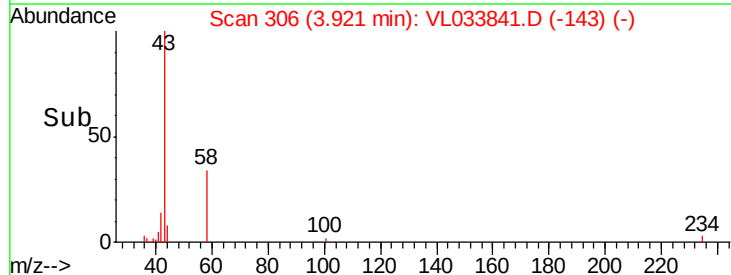
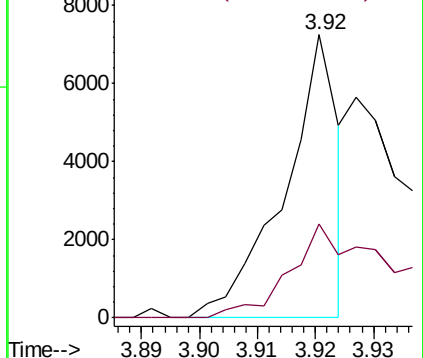
43 100

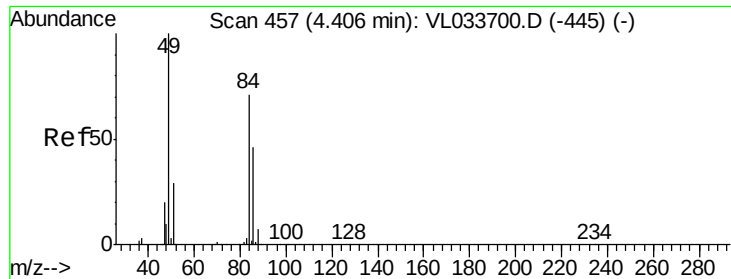
58 66.8 21.3 31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

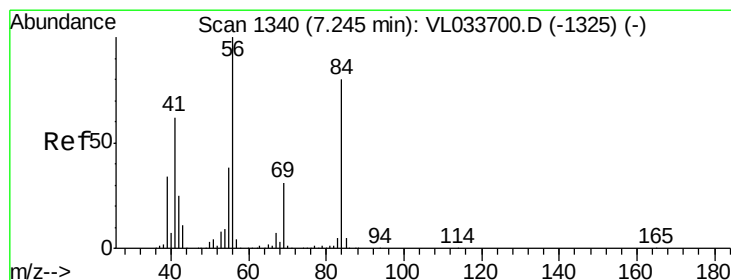
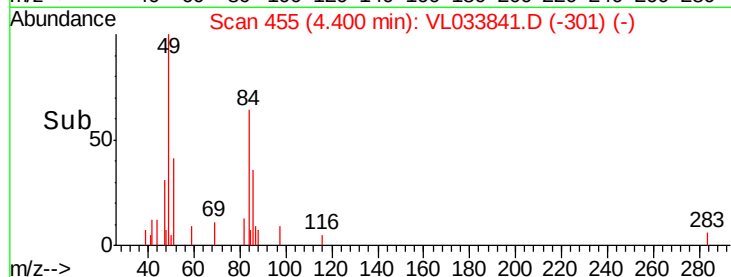
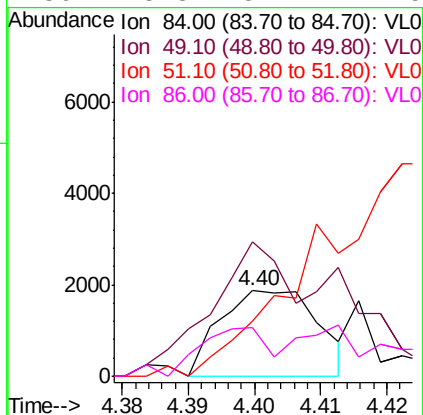
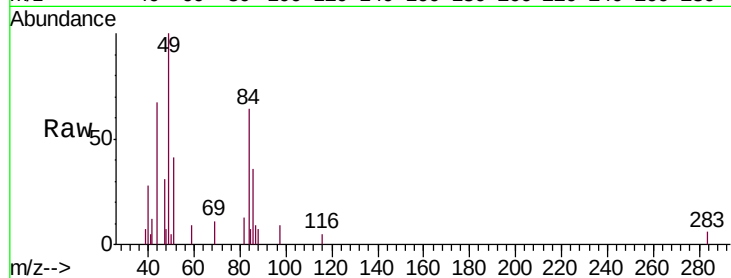




#20
Methylene Chloride
Concen: 0.054 ppbv
RT: 4.40 min Scan# 455
Delta R.T. -0.01 min
Lab File: VL033841.D
Acq: 29 May 2019 18:12

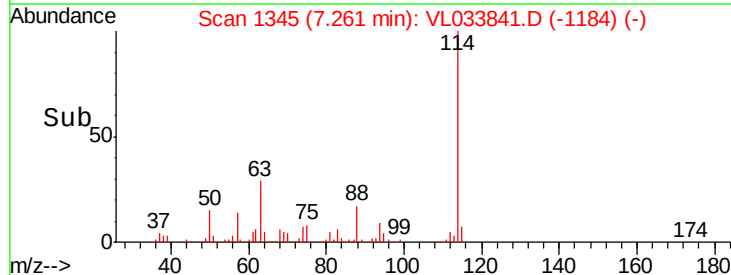
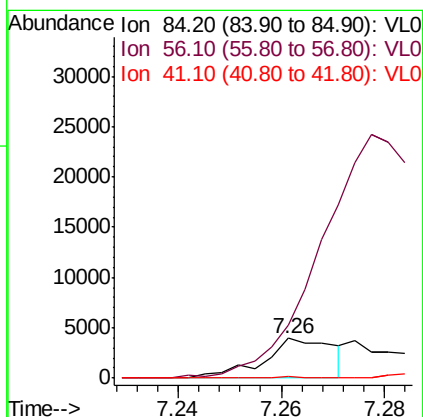
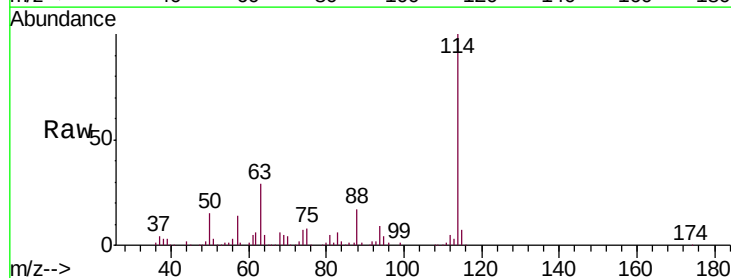
Instrument :
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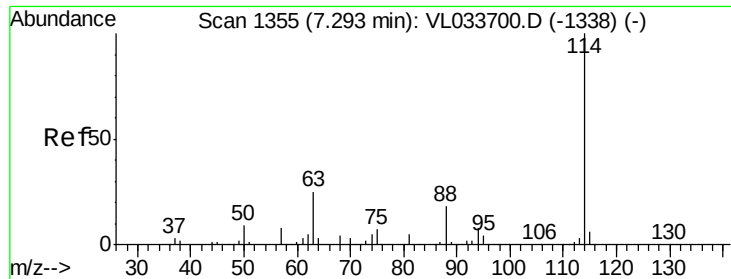
Tgt Ion: 84 Resp: 1934
Ion Ratio Lower Upper
84 100
49 100.0 112.8 169.2#
51 58.6 33.4 50.0#
86 28.8 51.7 77.5#



#30
Cyclohexane
Concen: 0.063 ppbv
RT: 7.26 min Scan# 1345
Delta R.T. 0.02 min
Lab File: VL033841.D
Acq: 29 May 2019 18:12

Tgt Ion: 84 Resp: 3728
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.0 66.0 99.0#

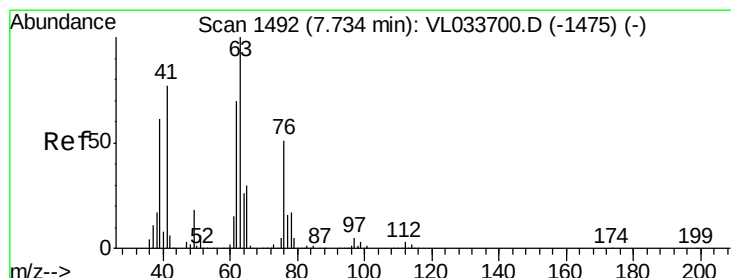
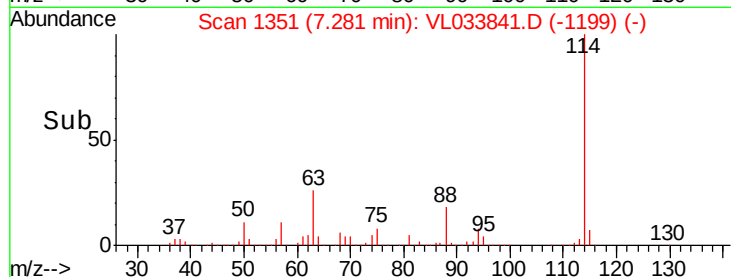
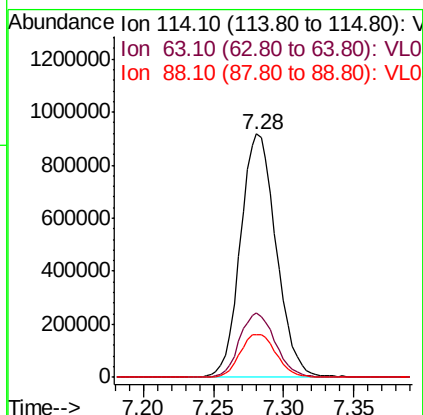
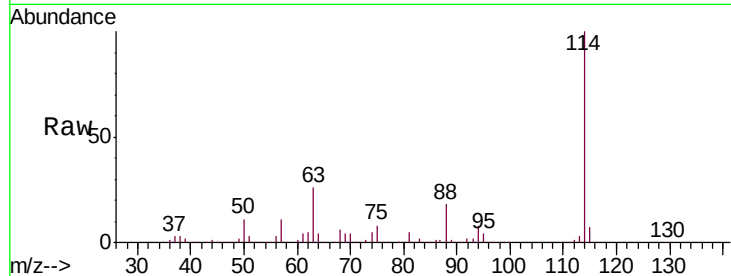




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: VL033841.D
 Acq: 29 May 2019 18:12

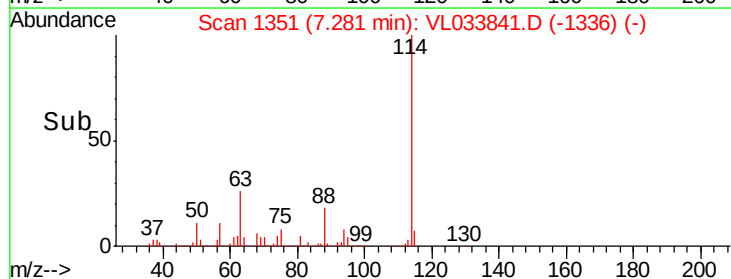
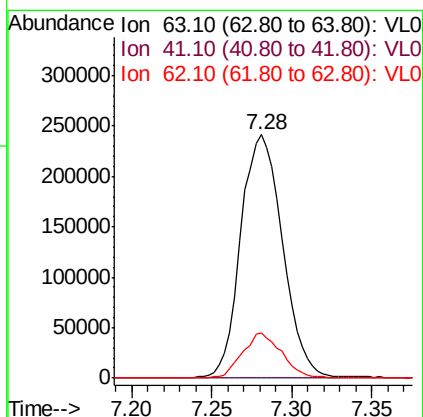
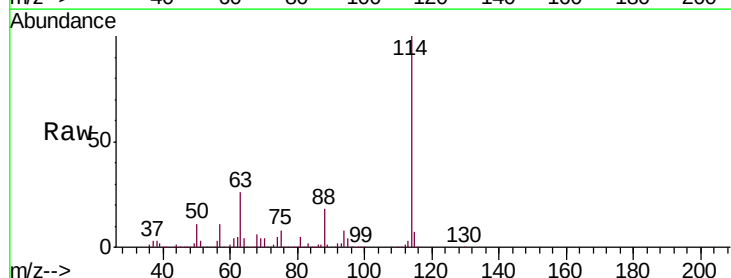
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0529ABL01

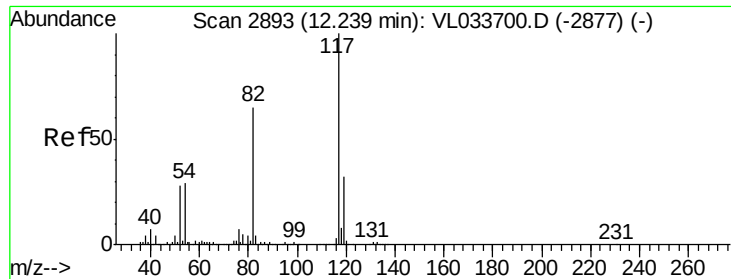
Tgt Ion:114 Resp: 1627749
 Ion Ratio Lower Upper
 114 100
 63 26.7 20.9 31.3
 88 18.1 14.3 21.5



#39
 1,2-Dichloropropane
 Concen: 7.815 ppbv
 RT: 7.28 min Scan# 1351
 Delta R.T. -0.45 min
 Lab File: VL033841.D
 Acq: 29 May 2019 18:12

Tgt Ion: 63 Resp: 431422
 Ion Ratio Lower Upper
 63 100
 41 0.1 61.5 92.3#
 62 18.6 56.2 84.4#

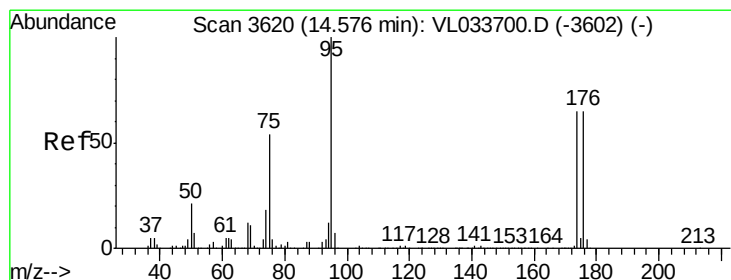
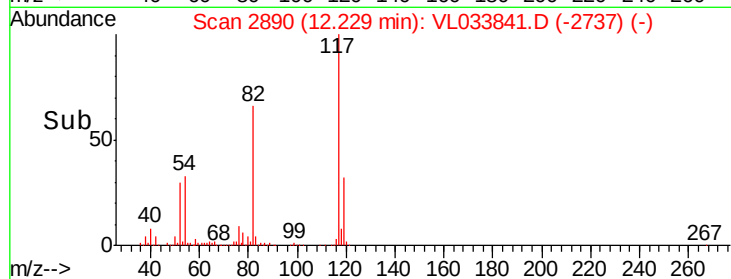
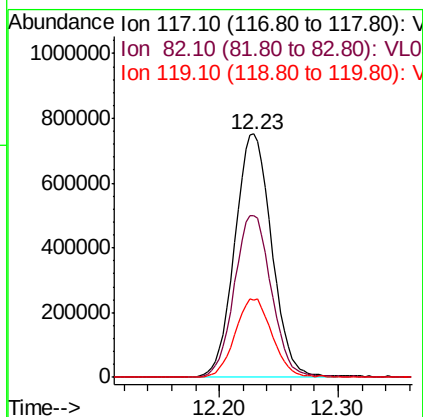
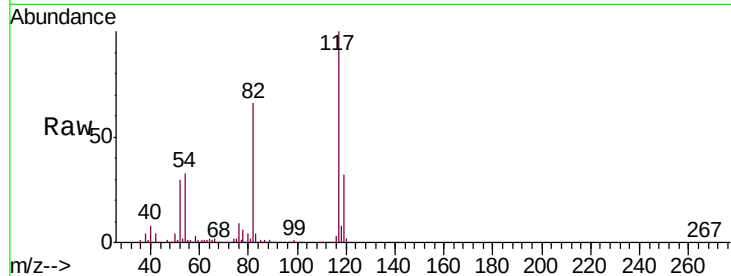




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033841.D
Acq: 29 May 2019 18:12

Instrument :
MSVOA_L
ClientSampleId :
VL0529ABL01

Tgt Ion: 117 Resp: 1617292
Ion Ratio Lower Upper
117 100
82 67.5 49.4 74.0
119 32.4 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.960 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033841.D
Acq: 29 May 2019 18:12

Tgt Ion: 95 Resp: 1305856
Ion Ratio Lower Upper
95 100
174 67.4 53.9 80.9
175 4.9 3.8 5.8

