

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\
Quantitation Report (Not Reviewed)

Data File : VL032356.D
Acq On : 15 Aug 2018 17:42
Operator : SY/AP
Sample : VL0815ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0815ABL01

Quant Time: Aug 16 05:46:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Wed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	2403854	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	4444339	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.31	117	4360122	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.65	95	3436102	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

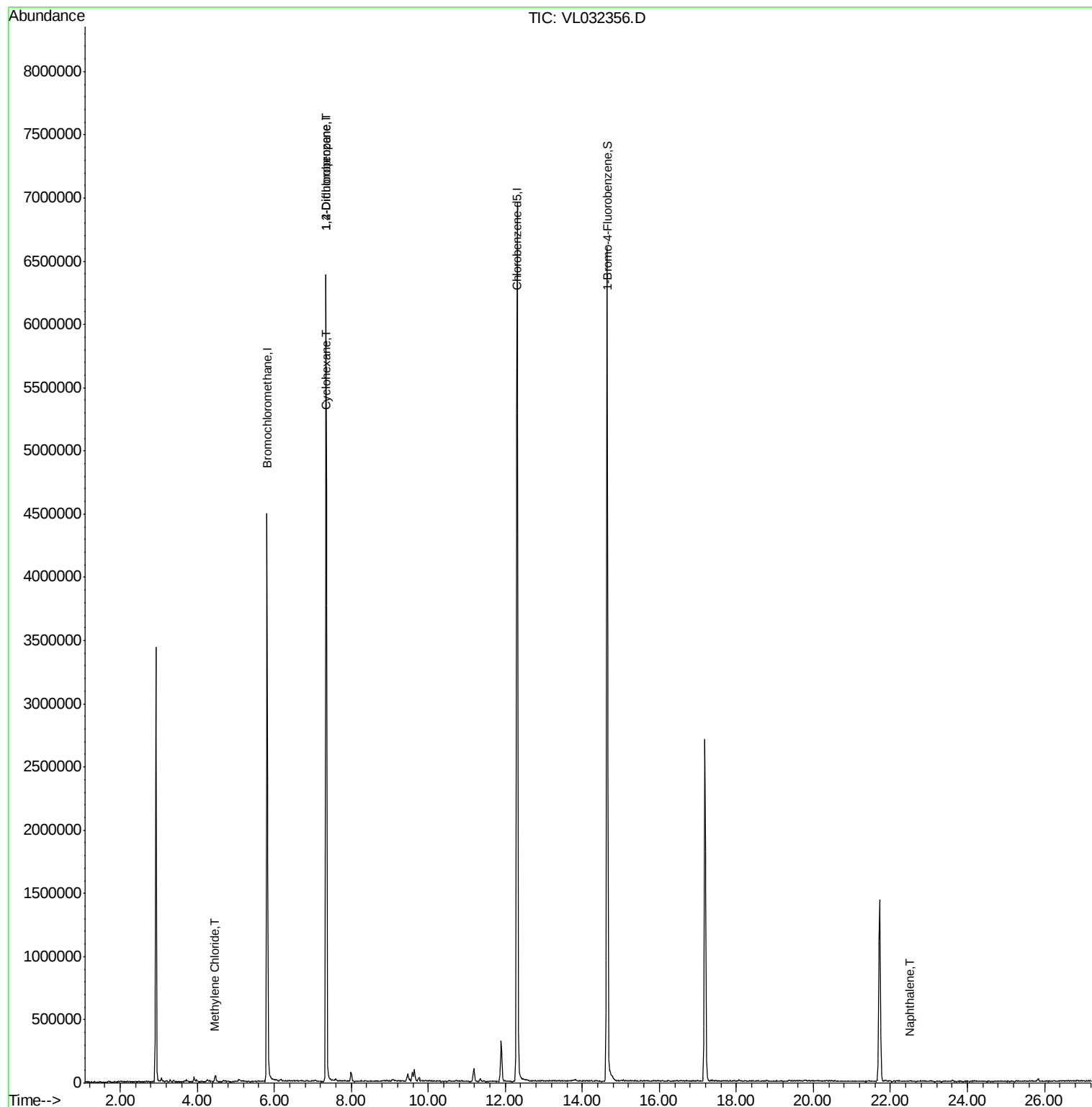
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.07	85	2294	Below Cal		99
20) Methylene Chloride	4.46	84	8839	0.102	ppbv #	78
30) Cyclohexane	7.33	84	5395	0.032	ppbv #	1
39) 1,2-Dichloropropane	7.35	63	1236893	7.859	ppbv #	25
79) Naphthalene	22.49	128	787	0.329	ppbv #	44

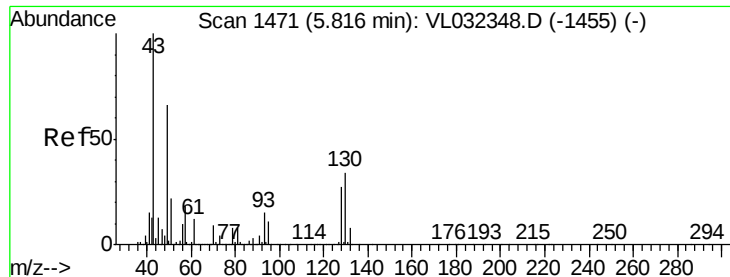
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.82 min Scan# 1471

Delta R.T. -0.00 min

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VL0815ABL01

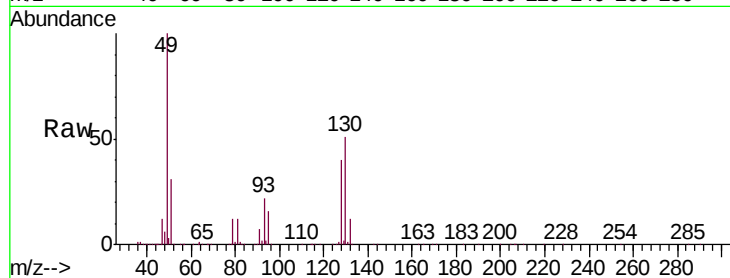
Tgt Ion: 49 Resp: 2403854

Ion Ratio Lower Upper

49 100

128 40.8 20.5 61.6

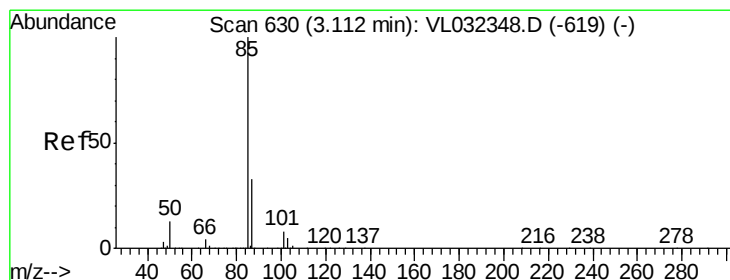
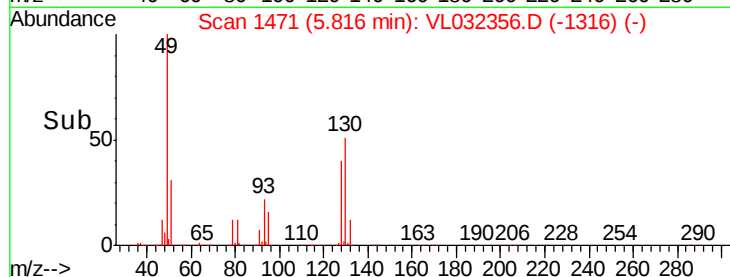
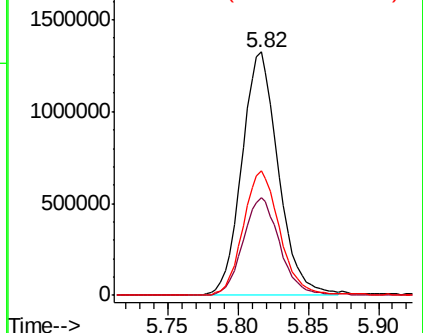
130 51.9 26.2 78.5



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



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 3.07 min Scan# 618

Delta R.T. -0.04 min

Lab File: VL032356.D

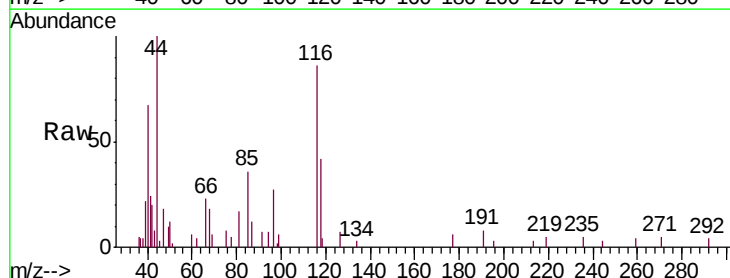
Acq: 15 Aug 2018 17:42

Tgt Ion: 85 Resp: 2294

Ion Ratio Lower Upper

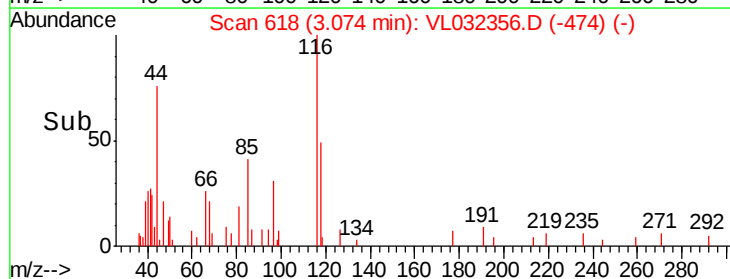
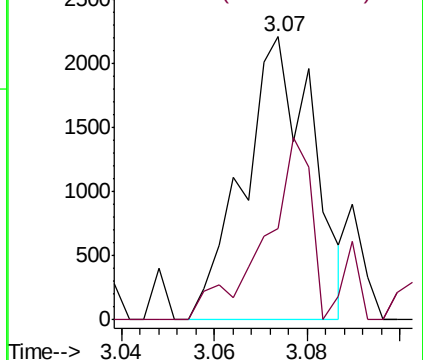
85 100

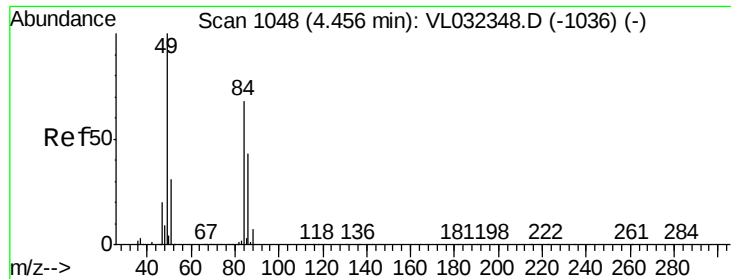
87 32.3 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

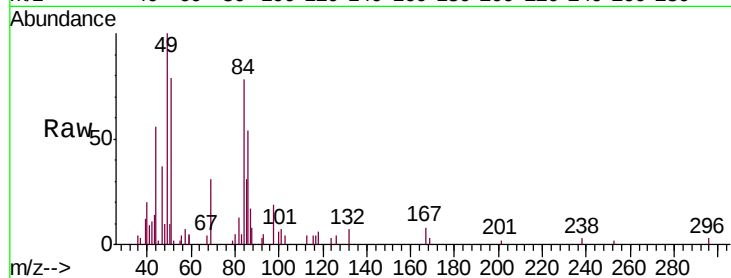




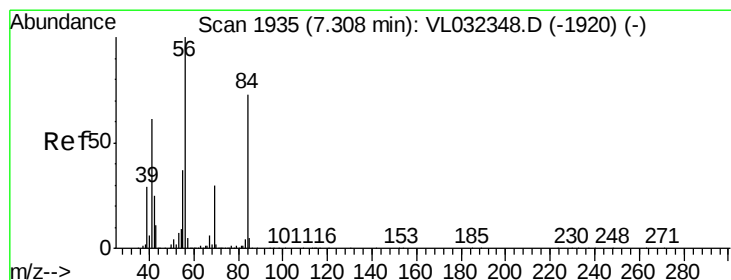
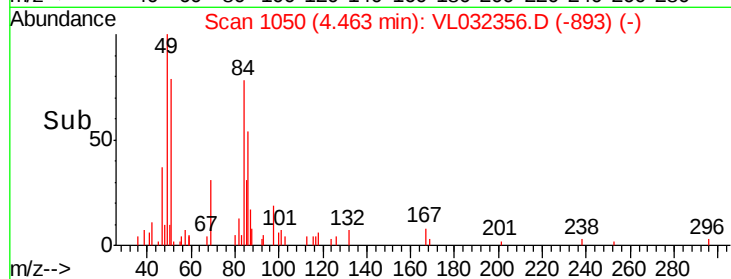
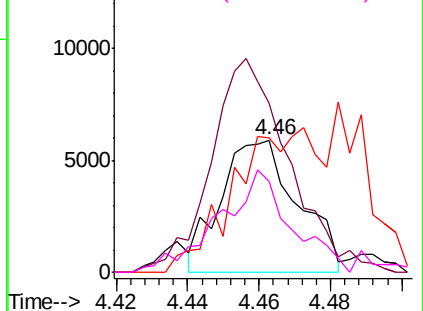
#20
Methylene Chloride
Concen: 0.102 ppbv
RT: 4.46 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VL032356.D
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Instrument :
MSVOA_L
ClientSampleId :
VL0815ABL01

Tgt Ion:	84	Resp:	8839
Ion	Ratio	Lower	Upper
84	100		
49	127.0	117.3	175.9
51	93.2	36.6	55.0#
86	63.1	49.8	74.8

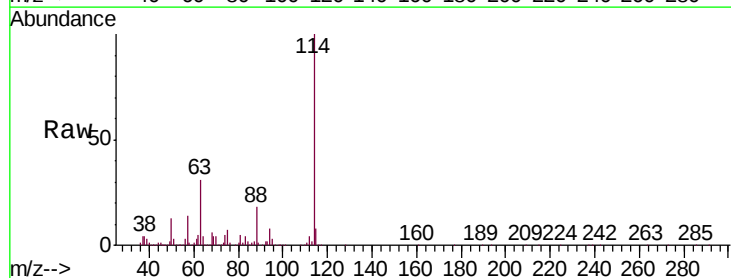


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

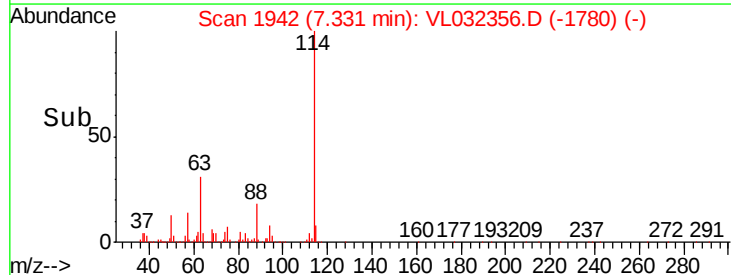
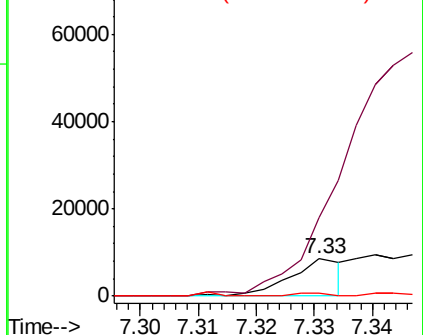


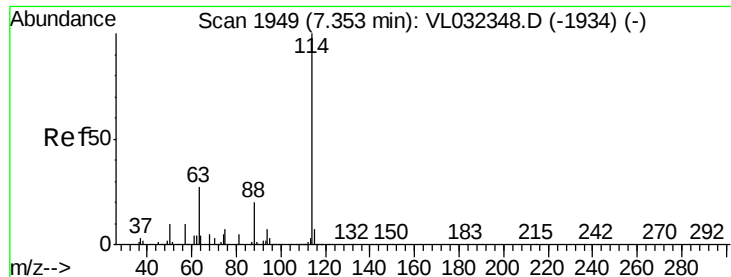
#30
Cyclohexane
Concen: 0.032 ppbv
RT: 7.33 min Scan# 1942
Delta R.T. 0.02 min
Lab File: VL032356.D
Acq: 15 Aug 2018 17:42

Tgt Ion:	84	Resp:	5395
Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.7	173.5#
41	10.5	67.9	101.9#



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

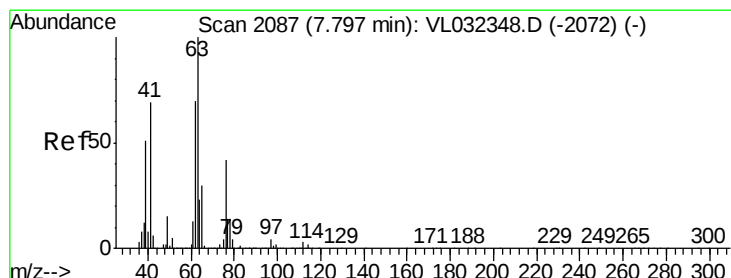
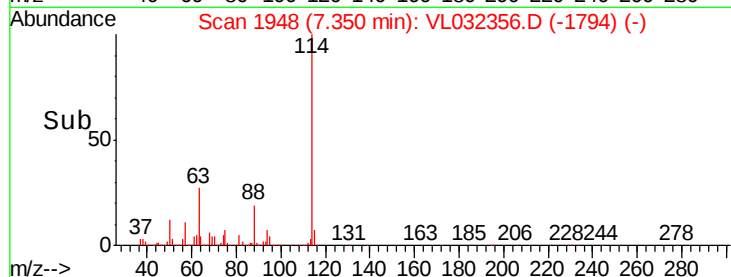
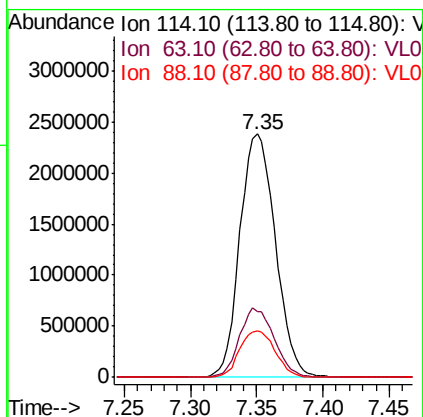
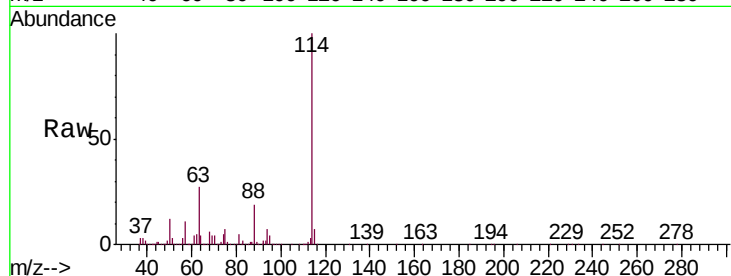




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.35 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: VL032356.D
 Acq: 15 Aug 2018 17:42

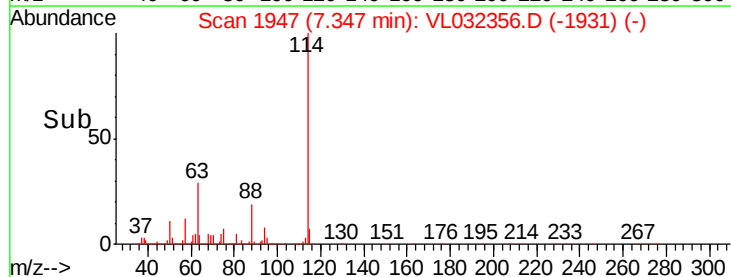
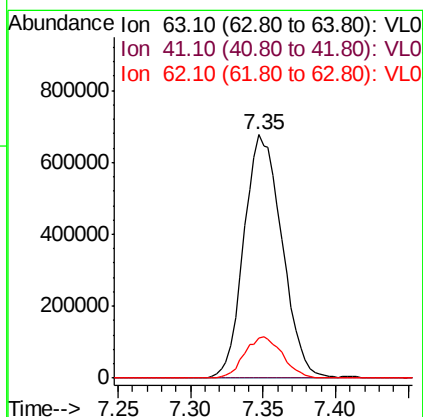
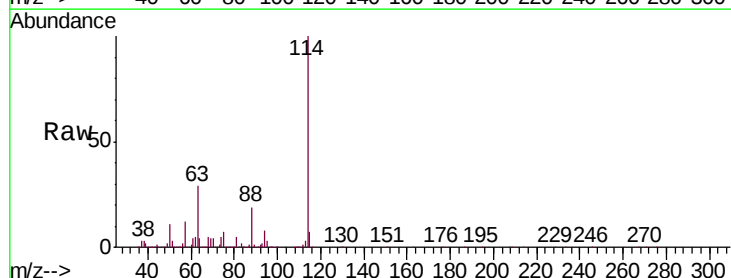
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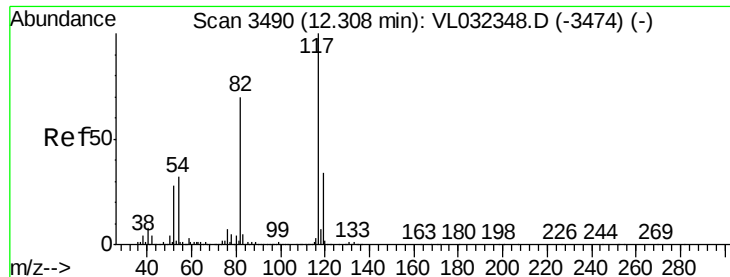
Tgt Ion: 114 Resp: 4444339
 Ion Ratio Lower Upper
 114 100
 63 28.0 22.0 33.0
 88 19.2 15.3 22.9



#39
 1,2-Dichloropropane
 Concen: 7.859 ppbv
 RT: 7.35 min Scan# 1947
 Delta R.T. -0.45 min
 Lab File: VL032356.D
 Acq: 15 Aug 2018 17:42

Tgt Ion: 63 Resp: 1236893
 Ion Ratio Lower Upper
 63 100
 41 0.0 55.5 83.3#
 62 16.7 56.3 84.5#

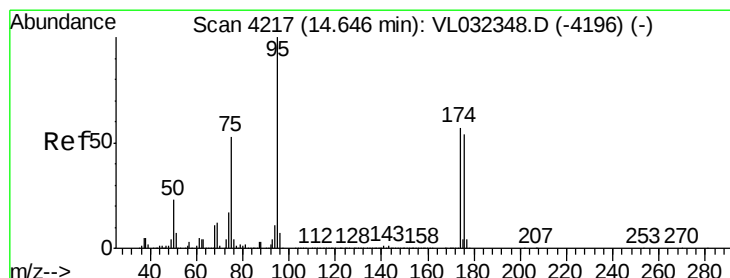
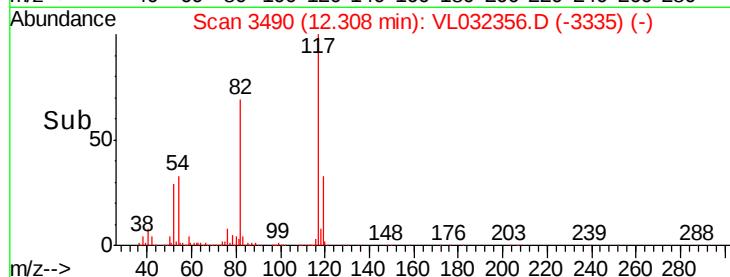
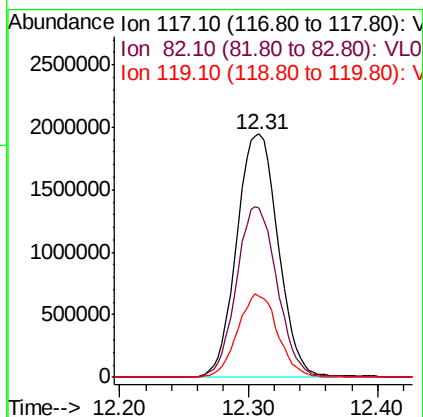
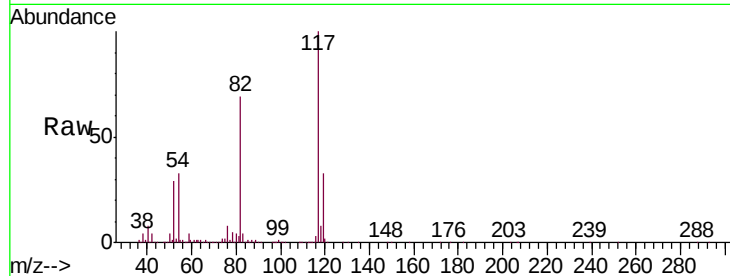




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.31 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VL032356.D
Acq: 15 Aug 2018 17:42

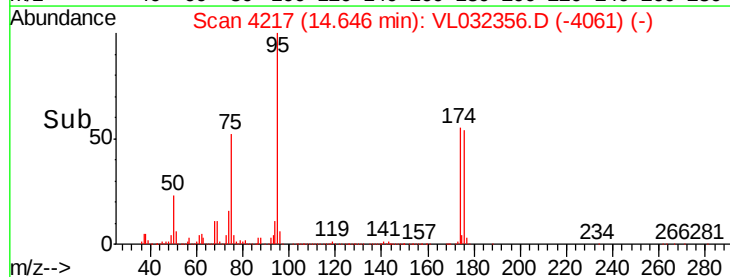
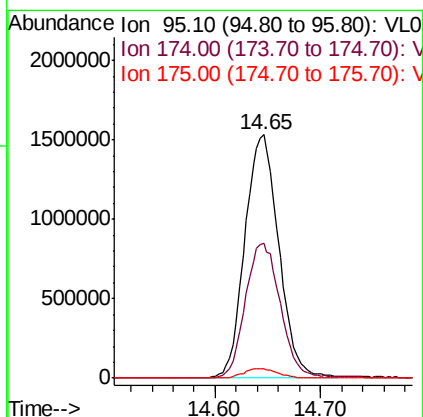
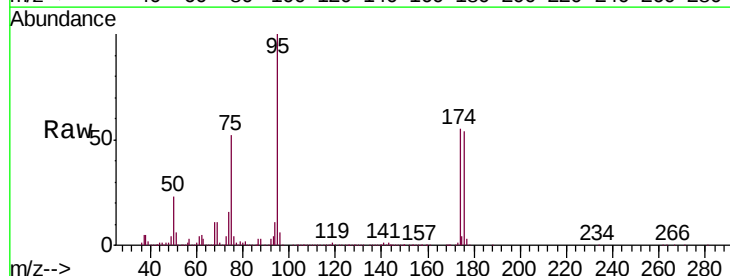
Instrument :
MSVOA_L
ClientSampleId :
VL0815ABL01

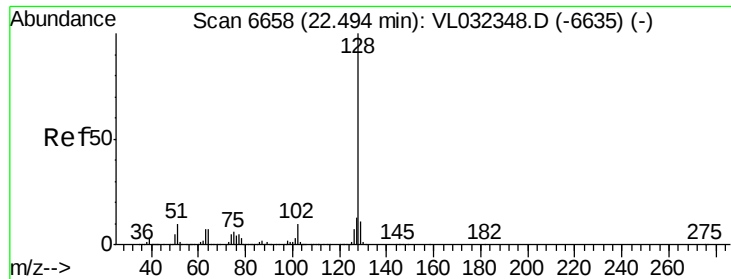
Tgt Ion: 117 Resp: 4360122
Ion Ratio Lower Upper
117 100
82 69.5 55.1 82.7
119 33.3 46.0 69.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.330 ppbv
RT: 14.65 min Scan# 4217
Delta R.T. -0.00 min
Lab File: VL032356.D
Acq: 15 Aug 2018 17:42

Tgt Ion: 95 Resp: 3436102
Ion Ratio Lower Upper
95 100
174 58.0 46.2 69.4
175 4.1 3.4 5.0





#79

Naphthalene

Concen: 0.329 ppbv

RT: 22.49 min Scan# 6658

Delta R.T. 0.00 min

Lab File: VL032356.D

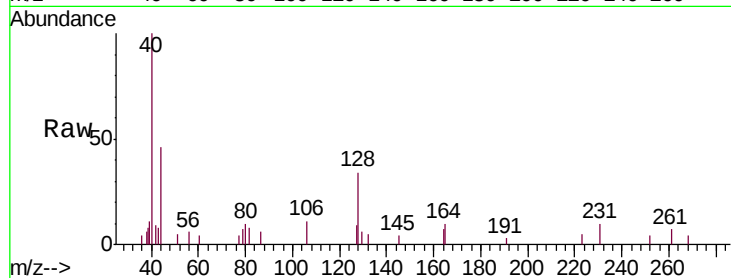
Acq: 15 Aug 2018 17:42

Instrument :

MSVOA_L

ClientSampleId :

VL0815ABL01



Tgt Ion:	128	Resp:	787
Ion	Ratio	Lower	Upper
128	100		
127	39.7	10.3	15.5#
129	26.5	8.6	13.0#

