

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081618\
Quantitation Report (Not Reviewed)

Data File : VL032379.D
Acq On : 16 Aug 2018 16:22
Operator : SY/AP
Sample : VL0816ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0816ABL01

Quant Time: Aug 17 03:17:09 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	5.81	49	1670182	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3359761	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3099065	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2455942	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

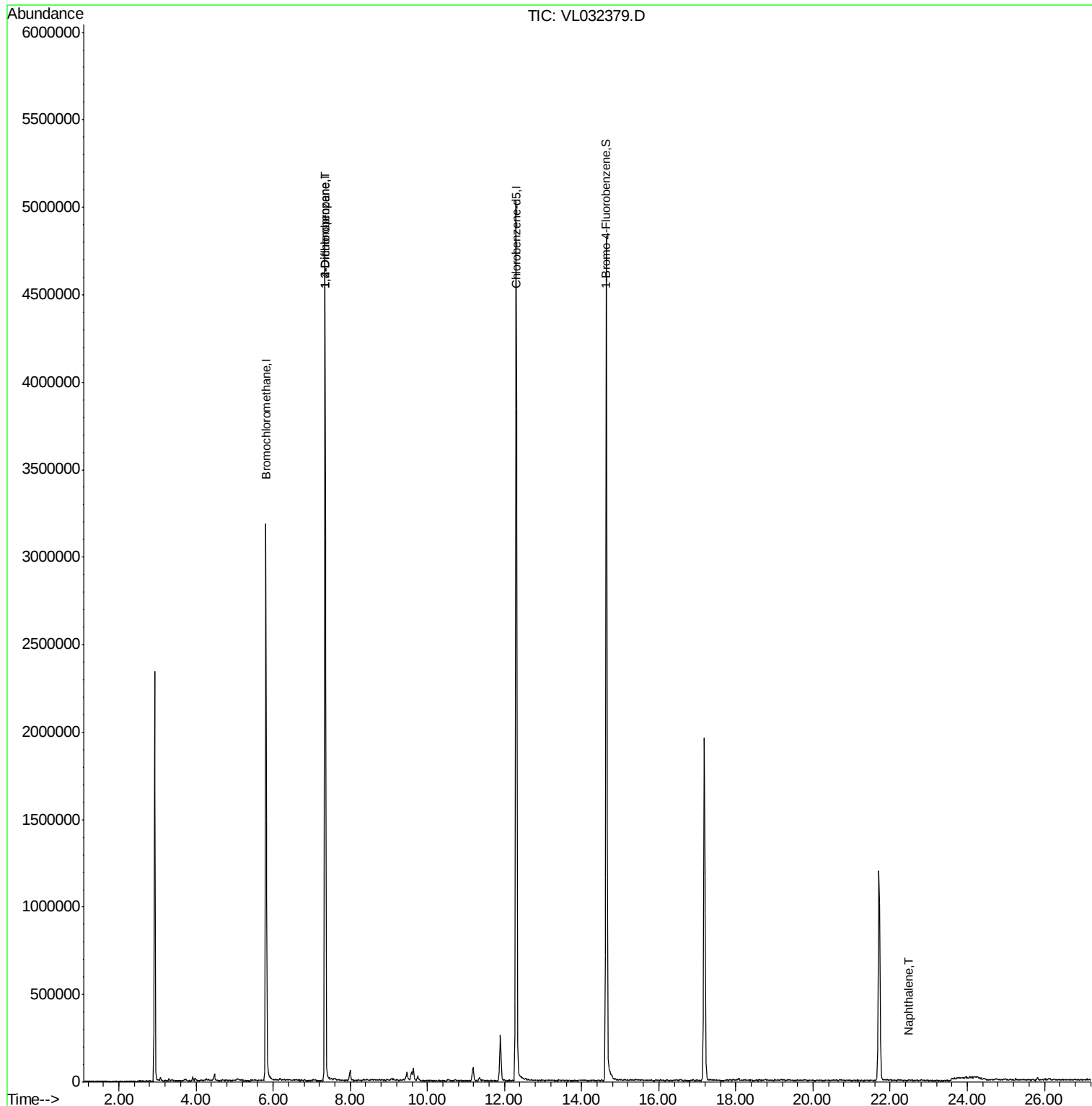
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.07	85	1047	Below Cal		90
39) 1,2-Dichloropropane	7.35	63	930020	7.816	ppbv #	25
79) Naphthalene	22.49	128	577	0.329	ppbv #	23

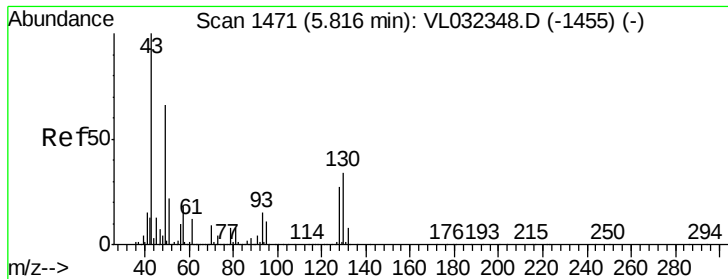
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 17 03:17:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.81 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VL032379.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0816ABL01

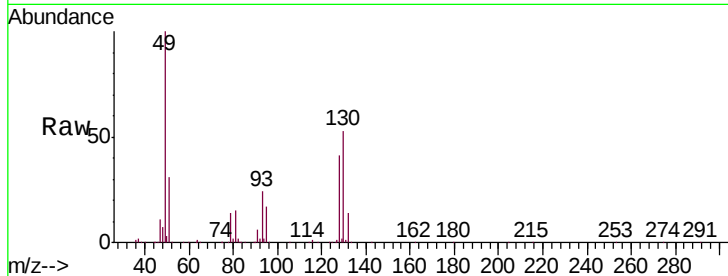
Tgt Ion: 49 Resp: 1670182

Ion Ratio Lower Upper

49 100

128 41.7 20.5 61.6

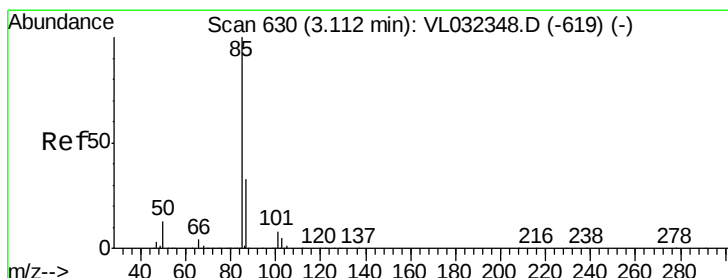
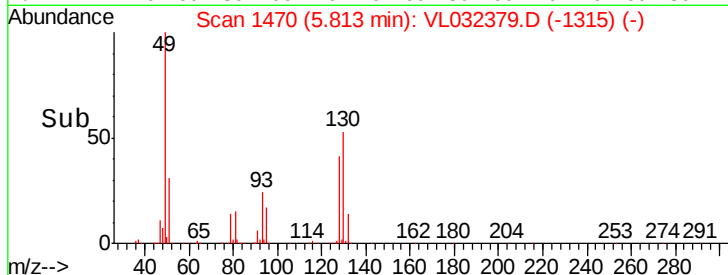
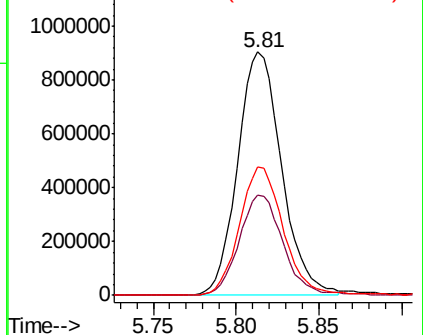
130 53.3 26.2 78.5



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



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 3.07 min Scan# 617

Delta R.T. -0.04 min

Lab File: VL032379.D

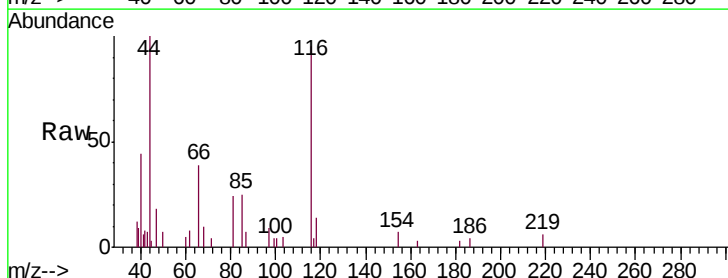
Acq: 16 Aug 2018 16:22

Tgt Ion: 85 Resp: 1047

Ion Ratio Lower Upper

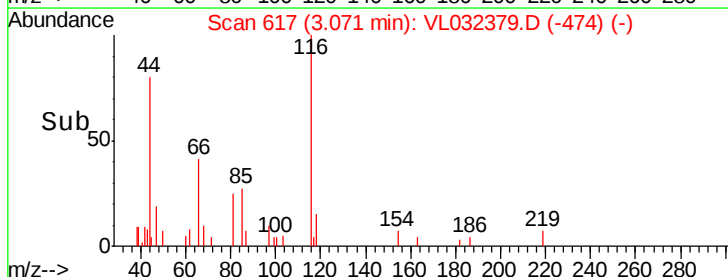
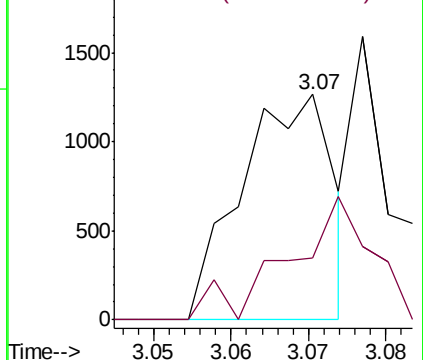
85 100

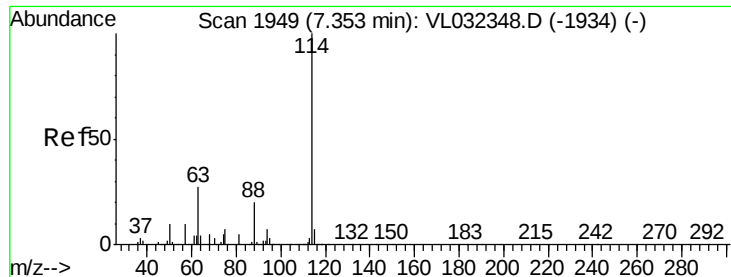
87 27.4 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

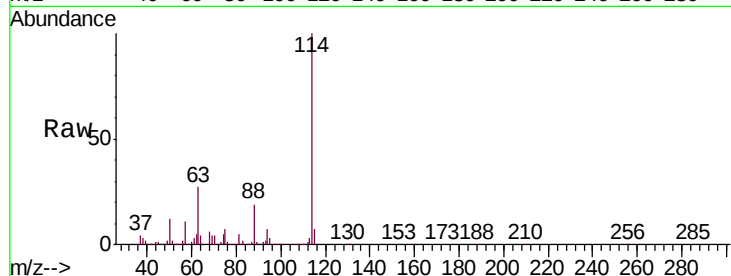




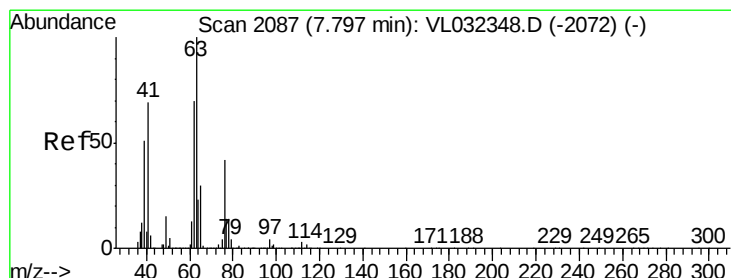
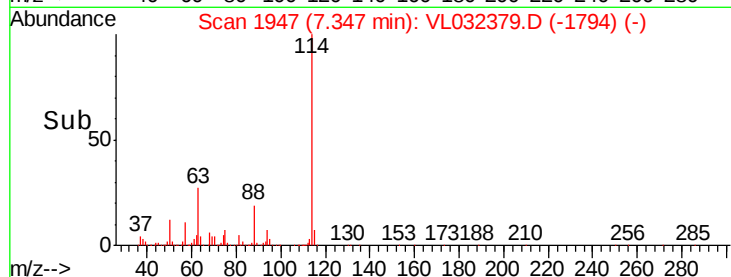
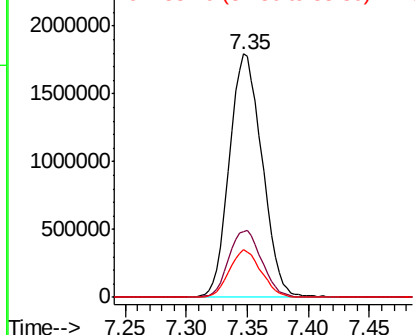
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.35 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: VL032379.D
 Acq: 16 Aug 2018 16:22

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0816ABL01

Tgt Ion: 114 Resp: 3359761
 Ion Ratio Lower Upper
 114 100
 63 27.8 22.0 33.0
 88 19.0 15.3 22.9

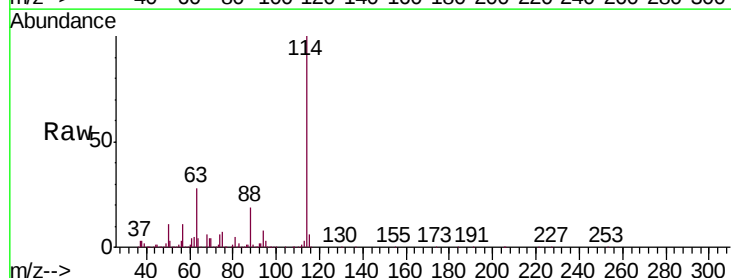


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

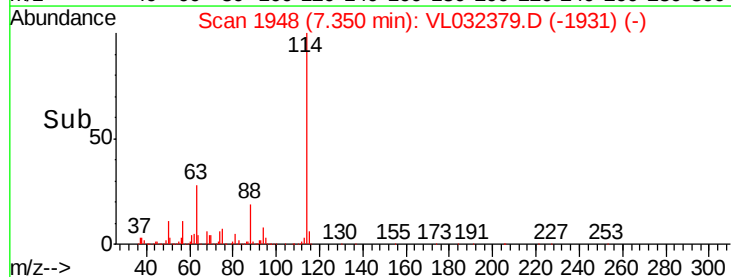
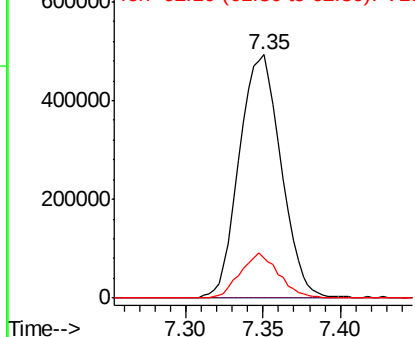


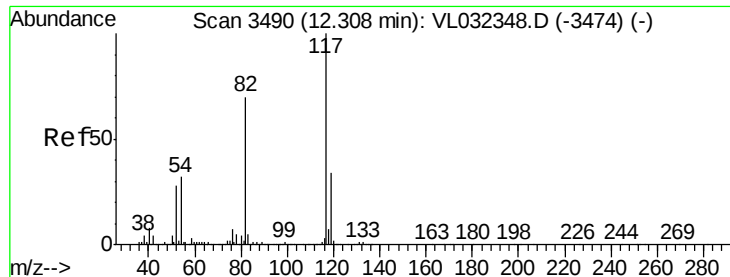
#39
 1,2-Dichloropropane
 Concen: 7.816 ppbv
 RT: 7.35 min Scan# 1948
 Delta R.T. -0.45 min
 Lab File: VL032379.D
 Acq: 16 Aug 2018 16:22

Tgt Ion: 63 Resp: 930020
 Ion Ratio Lower Upper
 63 100
 41 0.2 55.5 83.3#
 62 16.4 56.3 84.5#



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

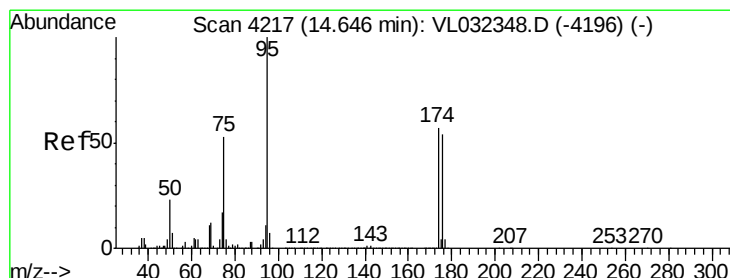
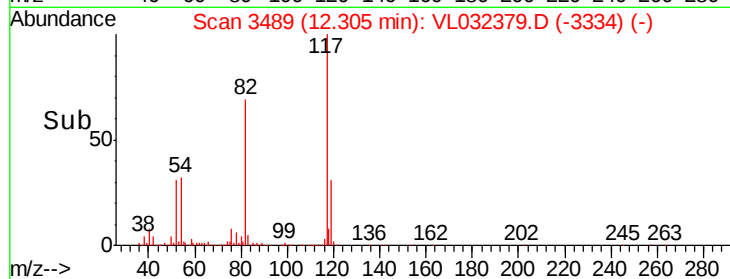
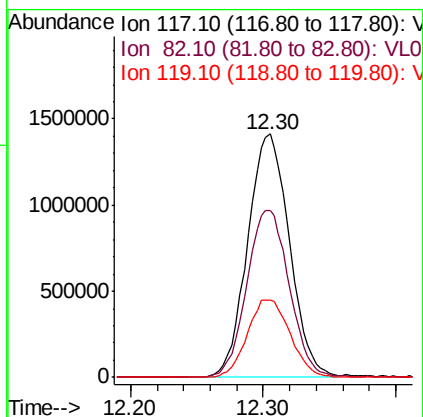
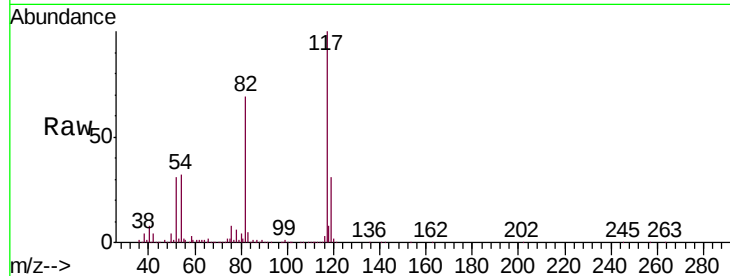




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.30 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VL032379.D
Acq: 16 Aug 2018 16:22

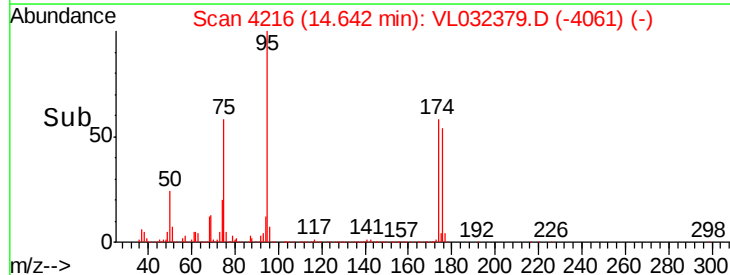
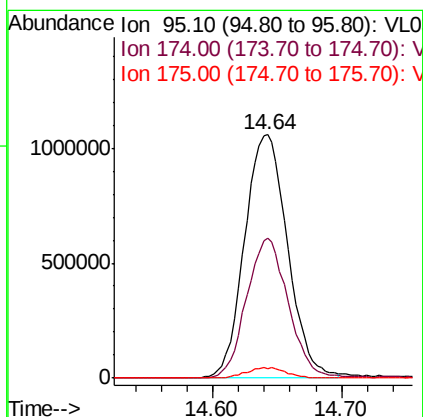
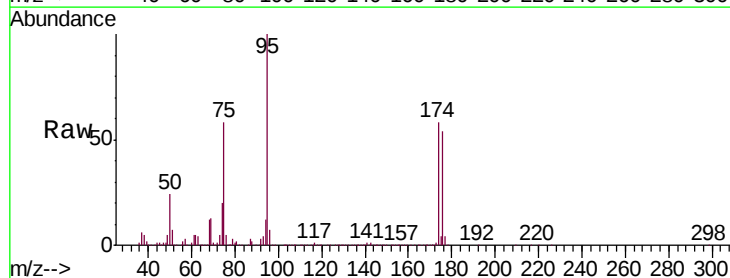
Instrument :
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ClientSampleId :
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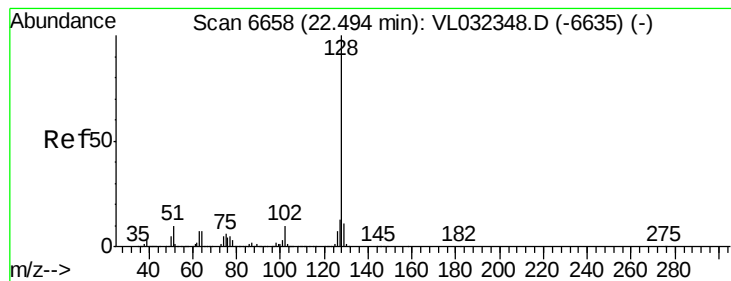
Tgt Ion: 117 Resp: 3099065
Ion Ratio Lower Upper
117 100
82 70.8 55.1 82.7
119 32.9 46.0 69.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.387 ppbv
RT: 14.64 min Scan# 4216
Delta R.T. -0.00 min
Lab File: VL032379.D
Acq: 16 Aug 2018 16:22

Tgt Ion: 95 Resp: 2455942
Ion Ratio Lower Upper
95 100
174 56.8 46.2 69.4
175 4.1 3.4 5.0





#79

Naphthalene

Concen: 0.329 ppbv

RT: 22.49 min Scan# 6656

Delta R.T. -0.01 min

Lab File: VL032379.D

Acq: 16 Aug 2018 16:22

Instrument :

MSVOA_L

ClientSampleId :

VL0816ABL01

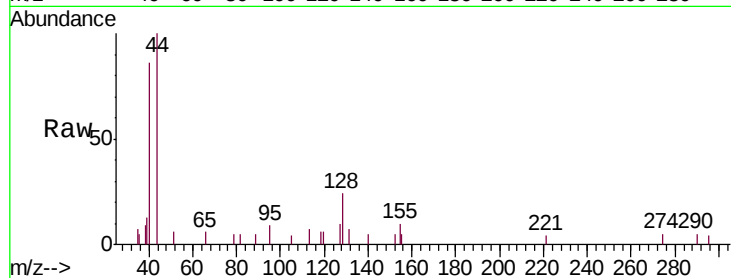
Tgt Ion:128 Resp: 577

Ion Ratio Lower Upper

128 100

127 59.3 10.3 15.5#

129 0.0 8.6 13.0#



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

