

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070218\
 Data File : VL032185.D
 Acq On : 2 Jul 2018 17:11
 Operator : SY/AP
 Sample : QC061318 CAN 10444
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC061318 CAN 10444

Quant Time: Jul 03 05:03:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1529504	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	4038365	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3577485	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.68	95	2865248	10.48	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

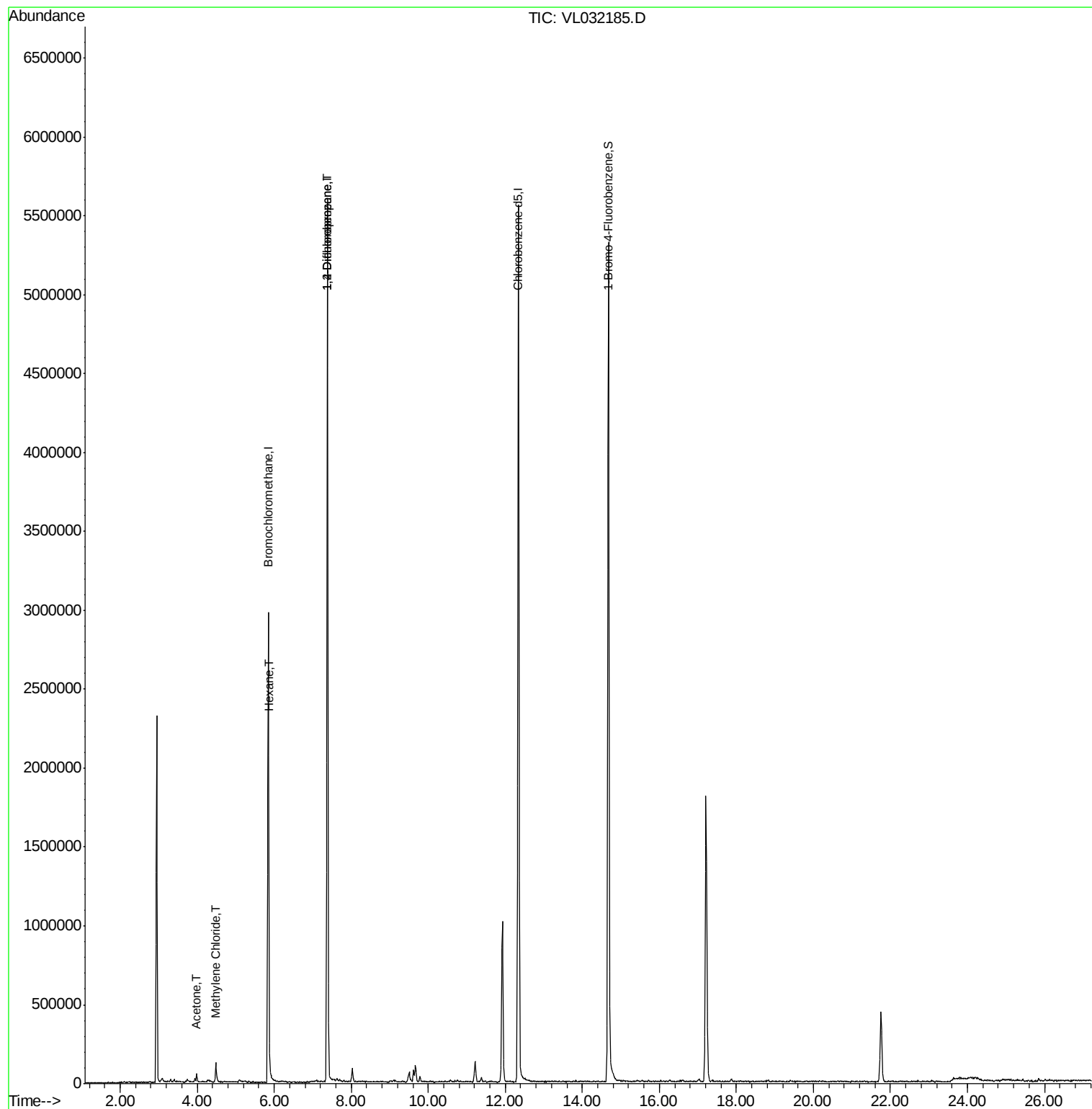
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.98	43	51664	0.289	ppbv	100
20) Methylene Chloride	4.48	84	36628	0.560	ppbv #	93
26) Hexane	5.86	57	35768	0.210	ppbv #	43
39) 1,2-Dichloropropane	7.38	63	1087450	7.054	ppbv #	26

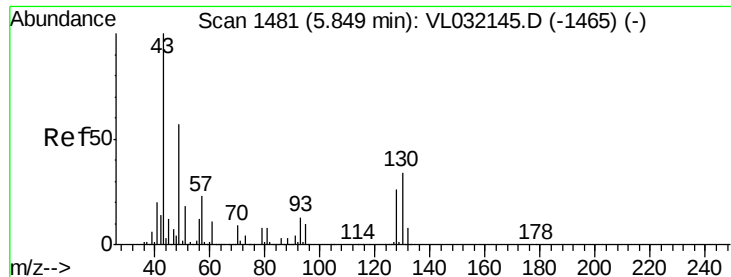
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.85 min Scan# 1480

Delta R.T. -0.02 min

Lab File: VL032185.D

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ClientSampleId :

QC061318 CAN 10444

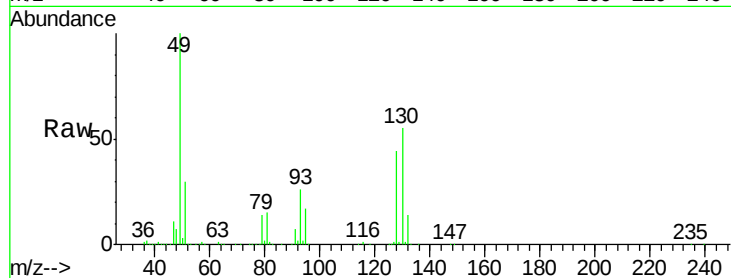
Tgt Ion: 49 Resp: 1529504

Ion Ratio Lower Upper

49 100

128 45.1 23.4 70.0

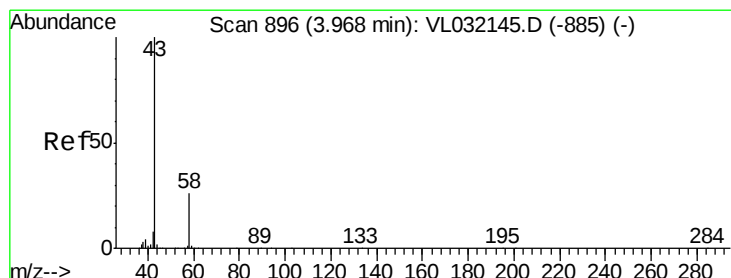
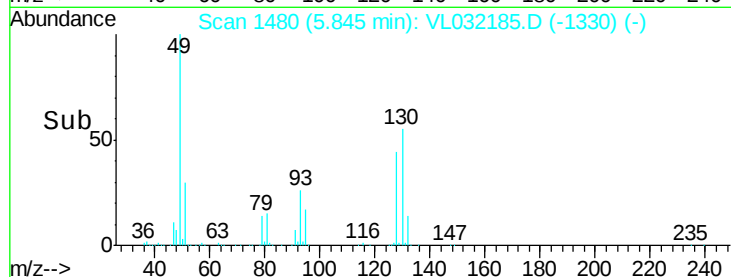
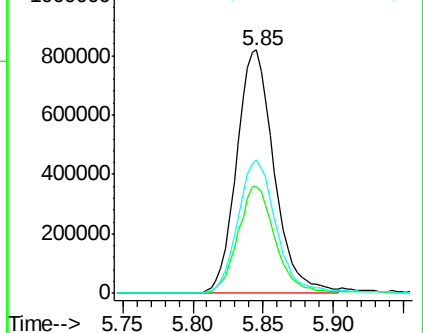
130 57.2 30.3 90.9



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: 0.289 ppbv

RT: 3.98 min Scan# 900

Delta R.T. 0.00 min

Lab File: VL032185.D

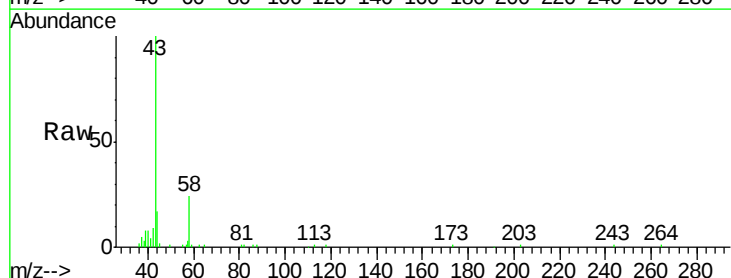
Acq: 2 Jul 2018 17:11

Tgt Ion: 43 Resp: 51664

Ion Ratio Lower Upper

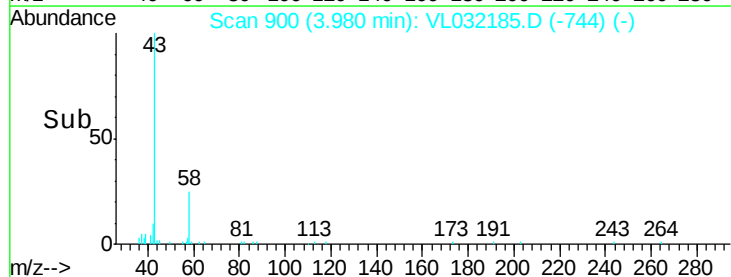
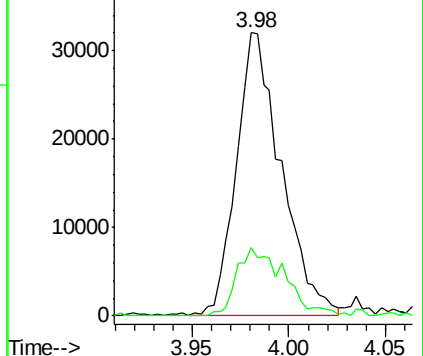
43 100

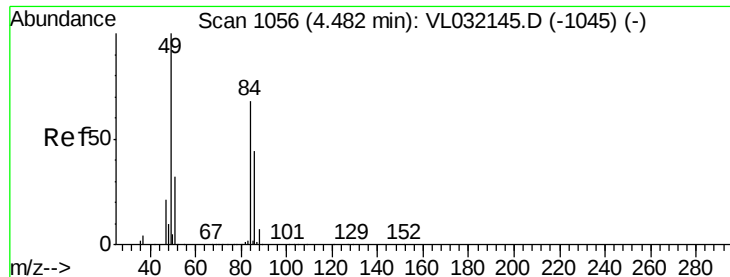
58 26.5 21.4 32.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

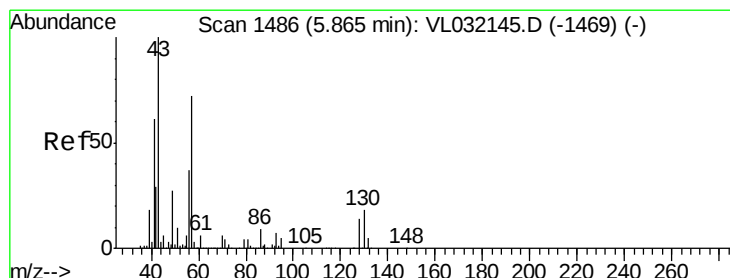
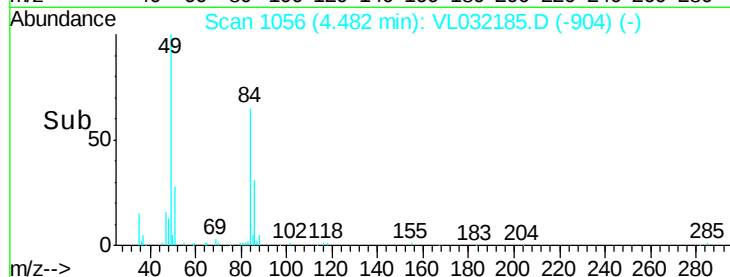
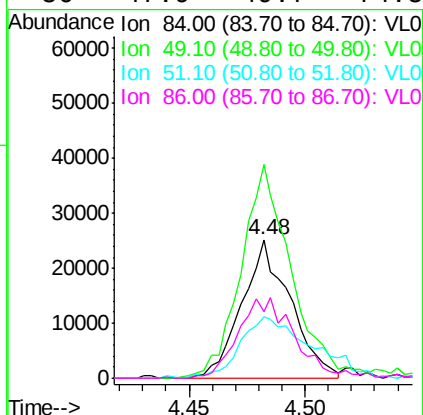
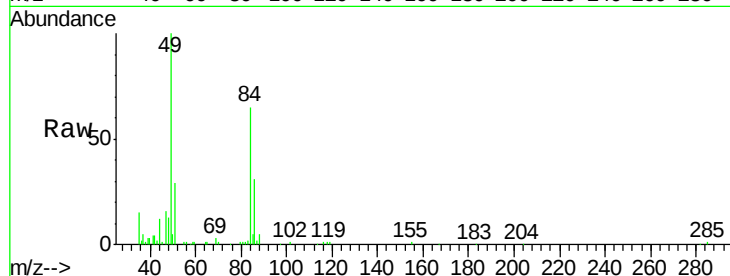




#20
Methylene Chloride
Concen: 0.560 ppbv
RT: 4.48 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VL032185.D
Acq: 2 Jul 2018 17:11

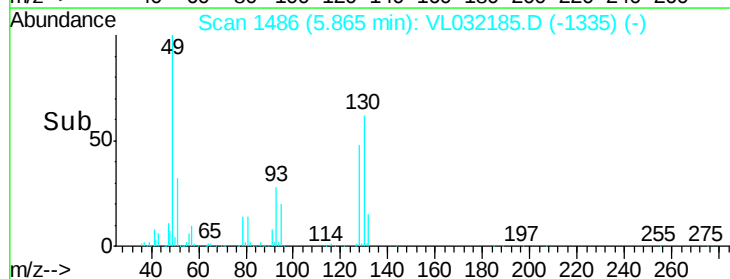
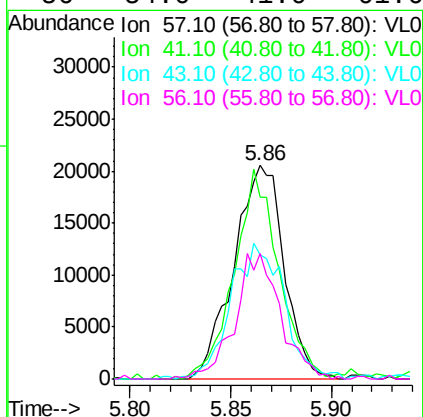
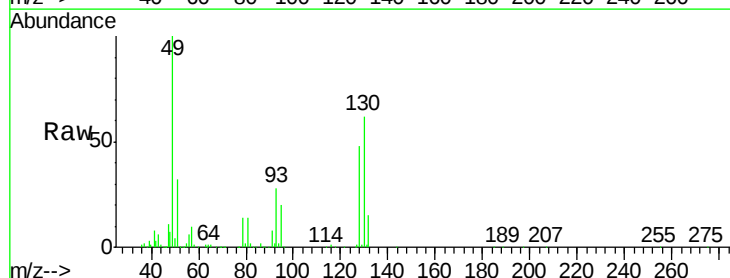
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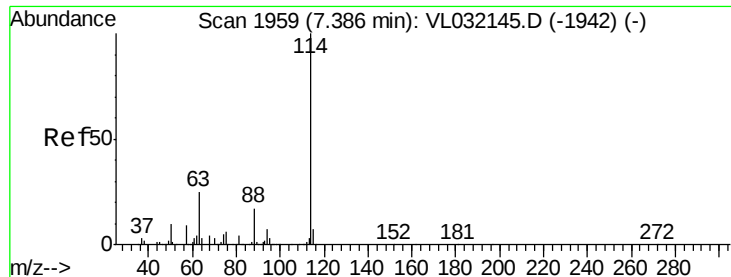
Tgt Ion: 84 Resp: 36628
Ion Ratio Lower Upper
84 100
49 152.8 119.6 179.4
51 43.1 36.3 54.5
86 47.9 49.7 74.5#



#26
Hexane
Concen: 0.210 ppbv
RT: 5.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VL032185.D
Acq: 2 Jul 2018 17:11

Tgt Ion: 57 Resp: 35768
Ion Ratio Lower Upper
57 100
41 90.6 68.6 103.0
43 68.6 168.6 252.8#
56 54.0 41.0 61.6

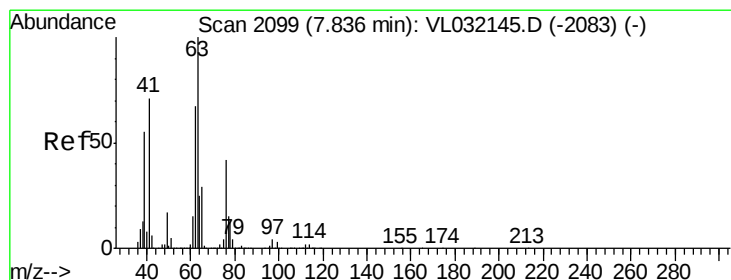
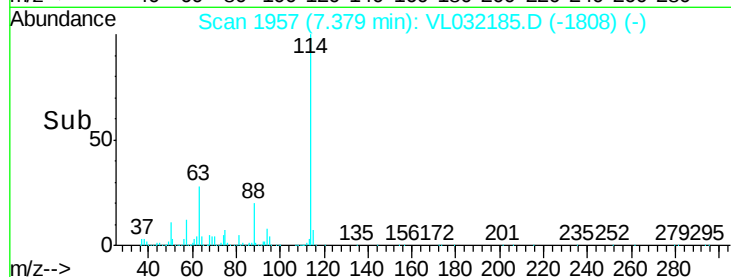
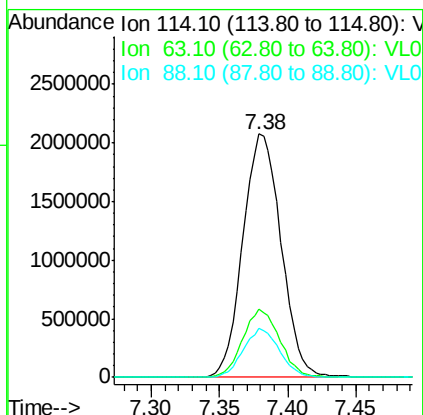
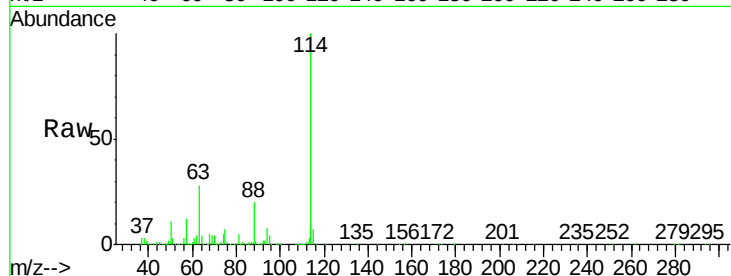




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.38 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: VL032185.D
 Acq: 2 Jul 2018 17:11

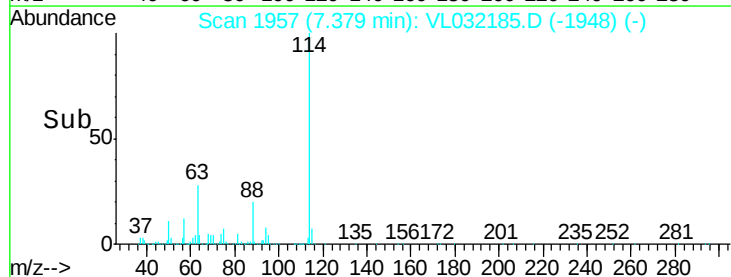
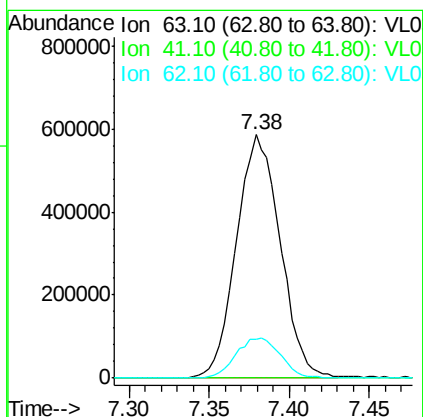
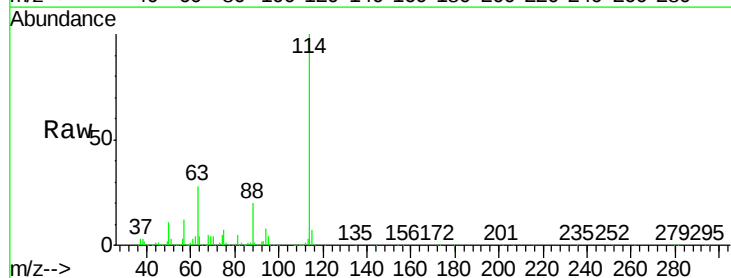
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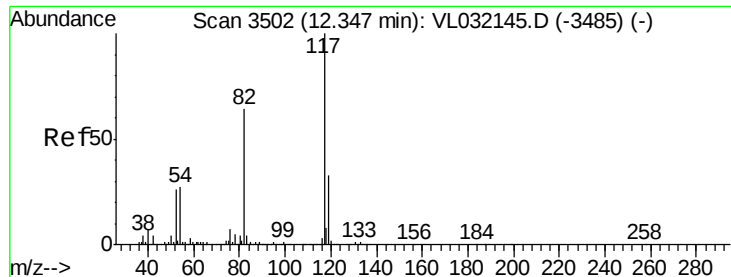
Tgt Ion: 114 Resp: 4038365
 Ion Ratio Lower Upper
 114 100
 63 27.3 19.1 28.7
 88 19.2 13.9 20.9



#39
 1,2-Dichloropropane
 Concen: 7.054 ppbv
 RT: 7.38 min Scan# 1957
 Delta R.T. -0.47 min
 Lab File: VL032185.D
 Acq: 2 Jul 2018 17:11

Tgt Ion: 63 Resp: 1087450
 Ion Ratio Lower Upper
 63 100
 41 0.0 53.3 79.9#
 62 16.0 54.8 82.2#

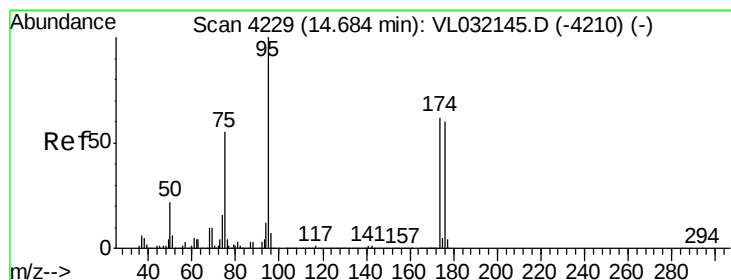
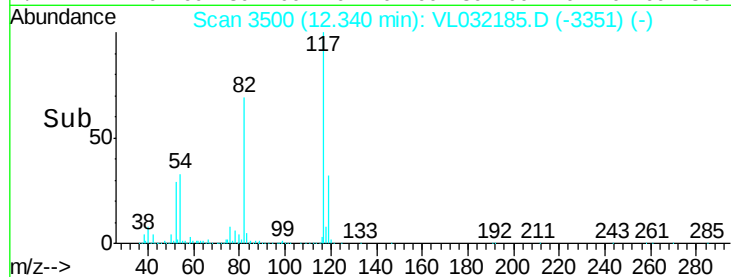
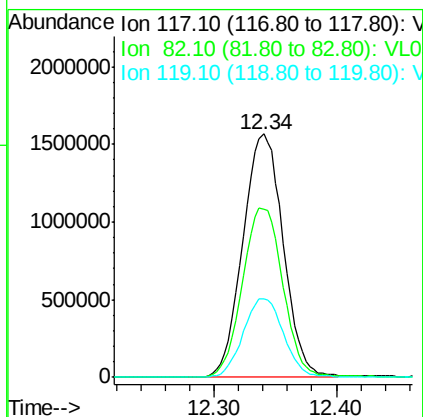
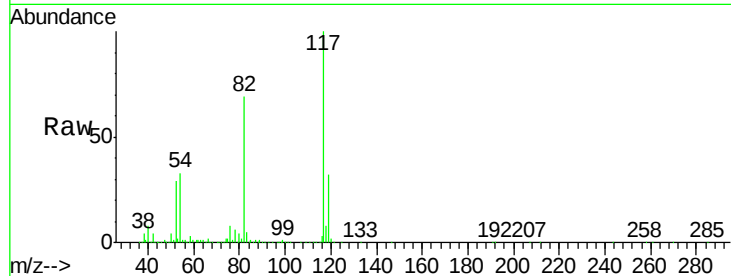




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.34 min Scan# 3500
Delta R.T. -0.02 min
Lab File: VL032185.D
Acq: 2 Jul 2018 17:11

Instrument :
MSVOA_L
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QC061318 CAN 10444

Tgt Ion: 117 Resp: 3577485
Ion Ratio Lower Upper
117 100
82 70.3 47.8 71.8
119 32.7 43.3 64.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.478 ppbv
RT: 14.68 min Scan# 4227
Delta R.T. -0.02 min
Lab File: VL032185.D
Acq: 2 Jul 2018 17:11

Tgt Ion: 95 Resp: 2865248
Ion Ratio Lower Upper
95 100
174 56.1 52.1 78.1
175 4.2 4.0 6.0

