

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080118\
 Data File : VL032344.D
 Acq On : 2 Aug 2018 10:04
 Operator : SY/AP
 Sample : OC073018 CAN 10316
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC073018 CAN 10316

Manual Integrations
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Quant Time: Aug 02 12:43:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jul 27 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1793945	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.35	114	3624448	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.31	117	4270288	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.65	95	3437483	10.37	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.97	43	149668	0.89	ppbv	94
17) tert-Butyl alcohol	4.44	59	42693m	0.79	ppbv	
20) Methylene Chloride	4.46	84	5641m	0.08	ppbv	
34) 2-Butanone	5.41	43	55256	0.24	ppbv	97
74) 1,2,4-Trimethylbenzene	17.00	105	19573	0.04	ppbv #	66

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

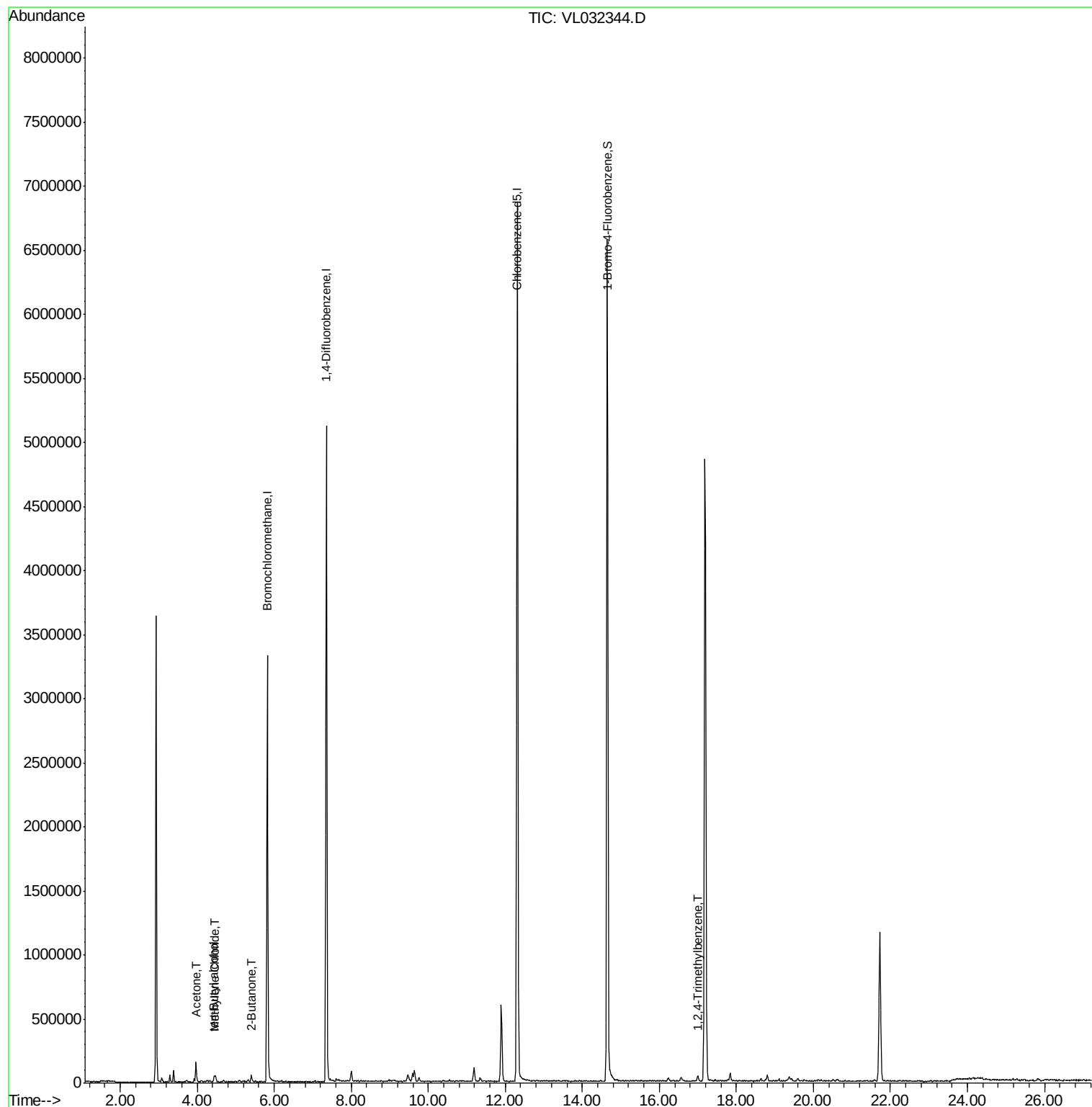
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080118\
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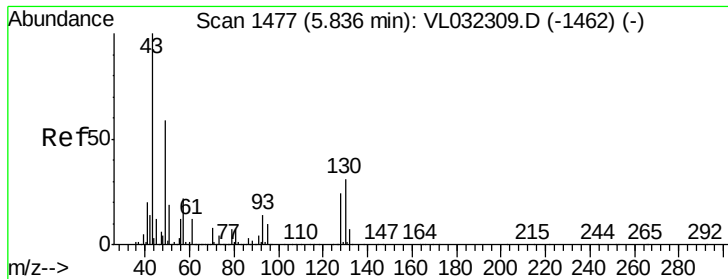
Instrument :
MSVOA_L
ClientSampleId :
QC073018 CAN 10316

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8/2/2018 2:05:11 PM

Quant Time: Aug 02 12:43:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul
QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.82 min Scan# 1472

Delta R.T. -0.02 min

Lab File: VL032344.D

Acq: 2 Aug 2018 10:04

Instrument :

MSVOA_L

ClientSampleId :

QC073018 CAN 10316

Tot Ion: 49 Resp: 1793945

Ion Ratio Lower Upper

49 100

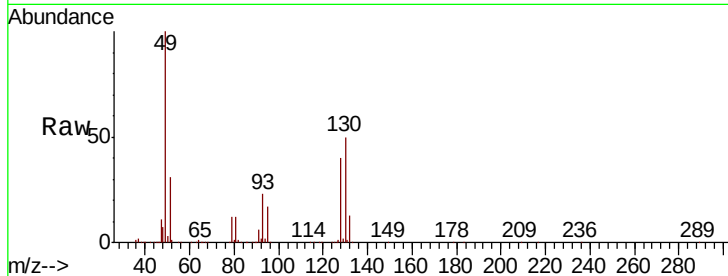
128 41.0 20.2 60.6

130 51.4 25.8 77.3

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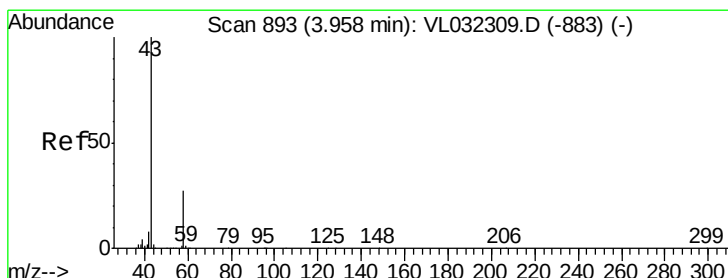
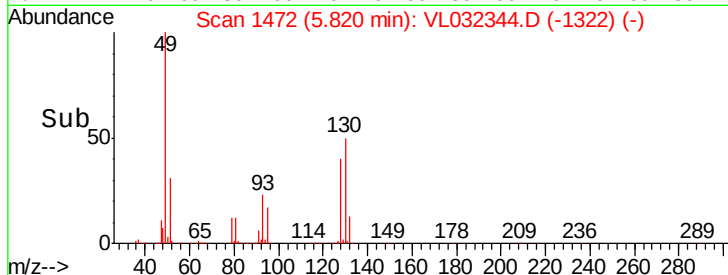
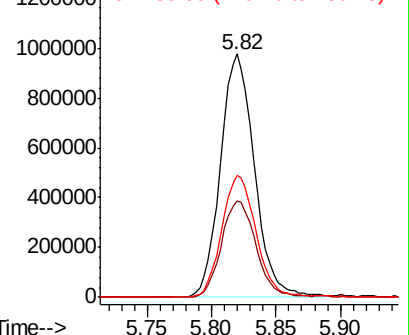
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.89 ppbv

RT: 3.97 min Scan# 897

Delta R.T. 0.01 min

Lab File: VL032344.D

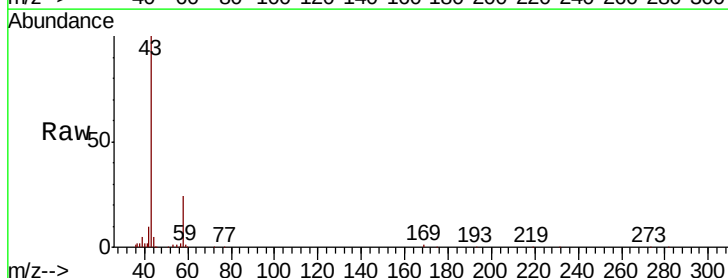
Acq: 2 Aug 2018 10:04

Tgt Ion: 43 Resp: 149668

Ion Ratio Lower Upper

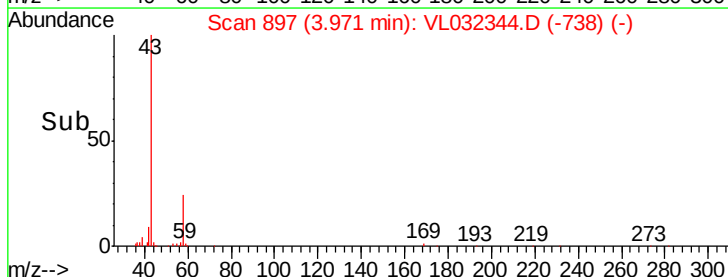
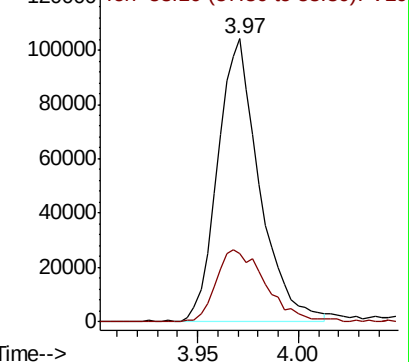
43 100

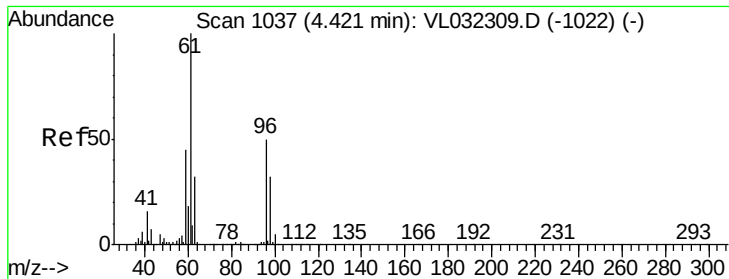
58 31.3 22.5 33.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





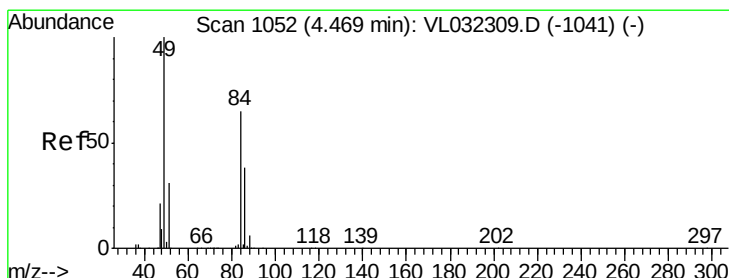
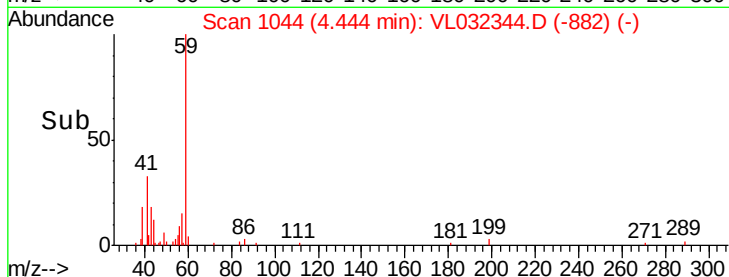
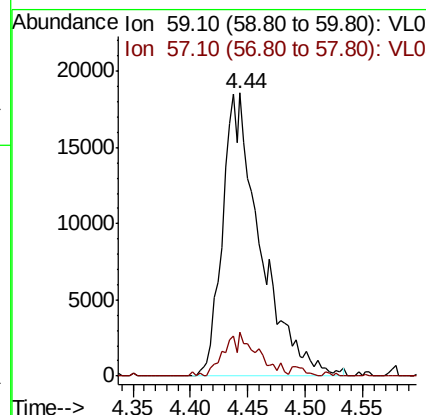
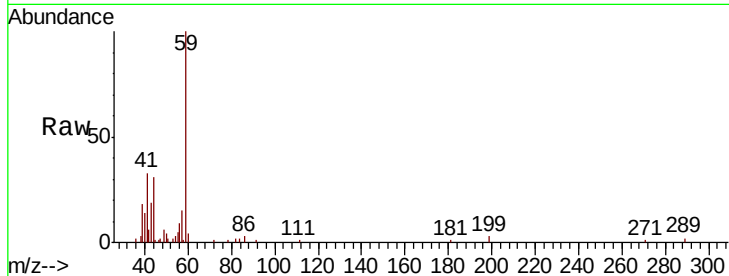
#17
 tert-Butyl alcohol
 Concen: 0.79 ppbv m
 RT: 4.44 min Scan# 1044
 Delta R.T. 0.02 min
 Lab File: VL032344.D
 Acq: 2 Aug 2018 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 QC073018 CAN 10316

Tot Ion: 59 Resp: 42693
 Ion Ratio Lower Upper
 59 100
 57 15.2 8.0 12.0#

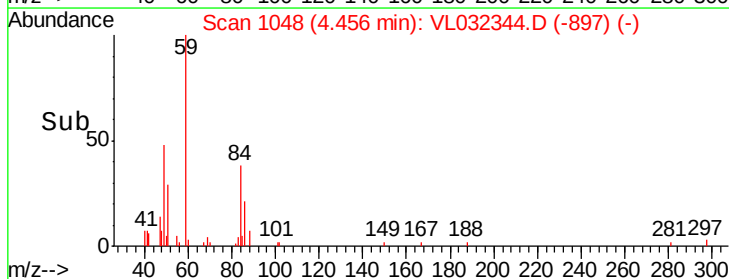
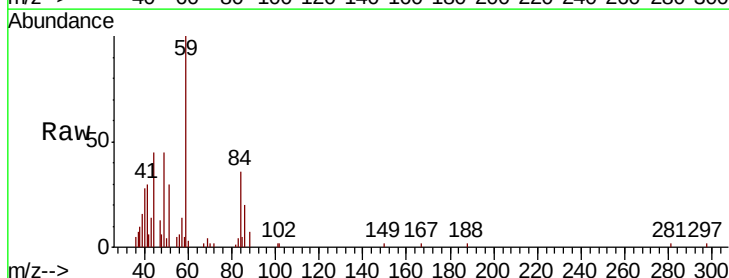
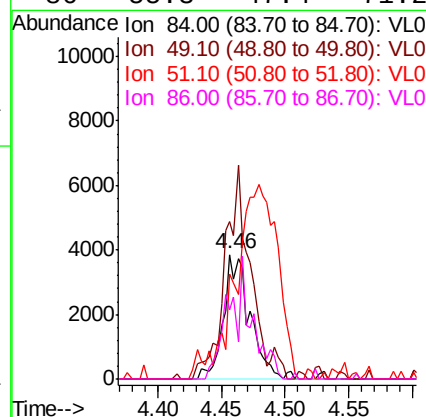
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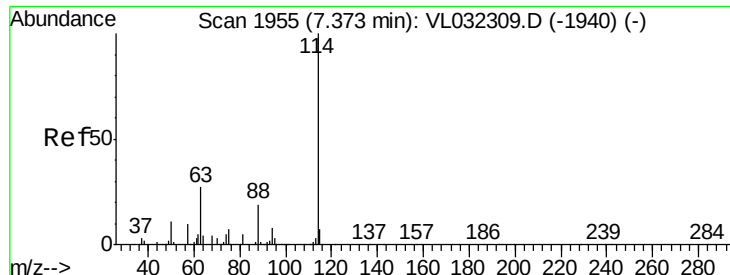
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#20
 Methylene Chloride
 Concen: 0.08 ppbv m
 RT: 4.46 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: VL032344.D
 Acq: 2 Aug 2018 10:04

Tgt Ion: 84 Resp: 5641
 Ion Ratio Lower Upper
 84 100
 49 126.8 123.4 185.0
 51 84.2 38.2 57.2#
 86 55.3 47.4 71.2





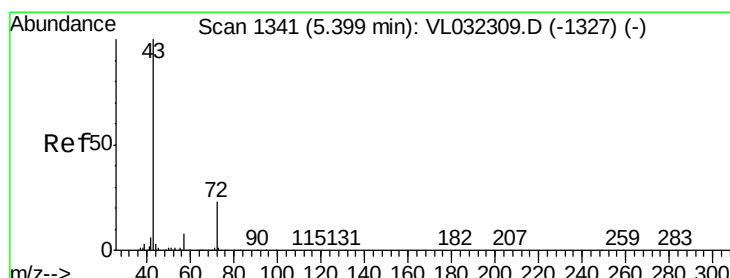
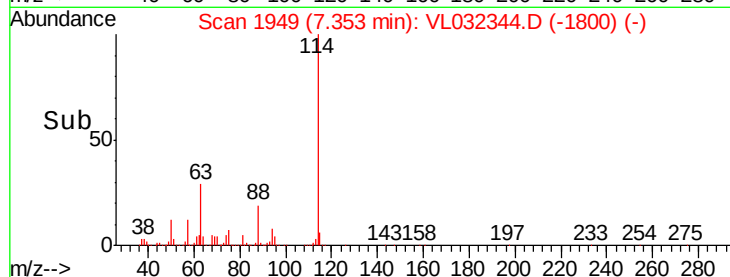
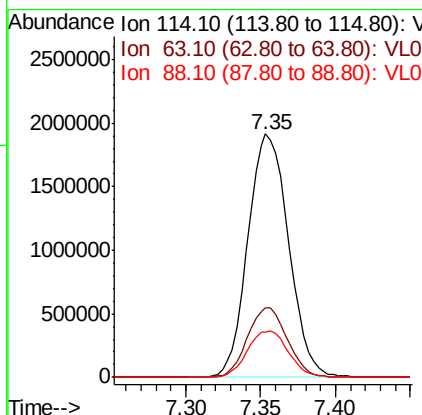
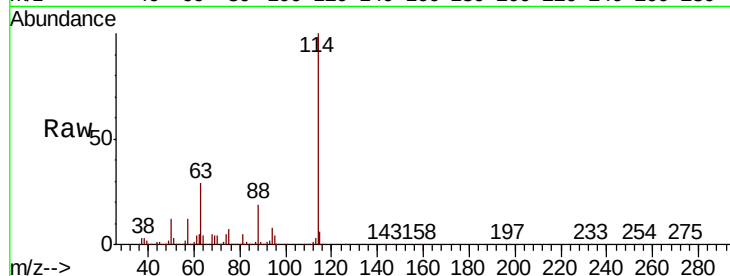
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.35 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: VL032344.D
 Acq: 2 Aug 2018 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 QC073018 CAN 10316

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.4	33.6
88	19.2	15.3	22.9

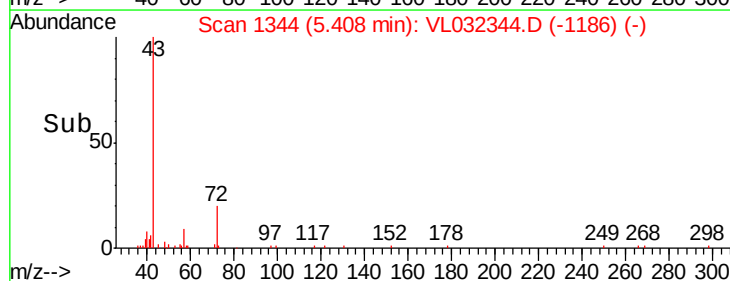
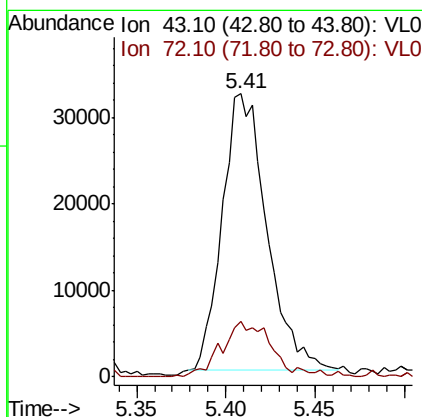
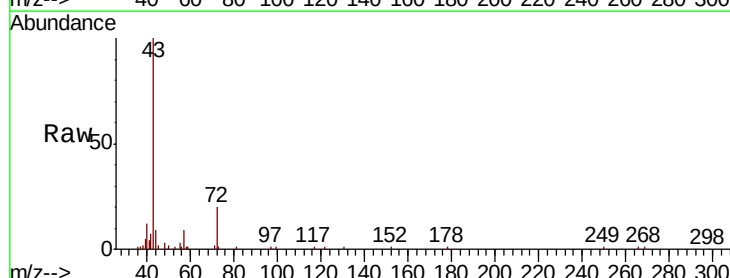
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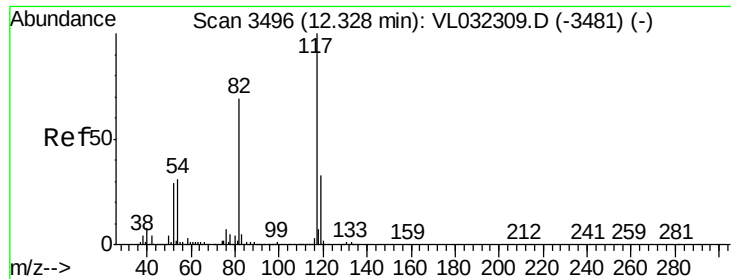
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#34
 2-Butanone
 Concen: 0.24 ppbv
 RT: 5.41 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: VL032344.D
 Acq: 2 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.2	17.4	26.2





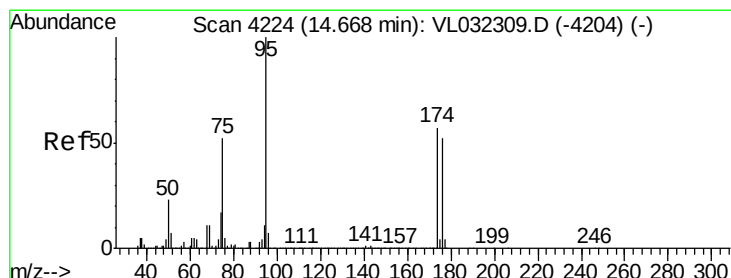
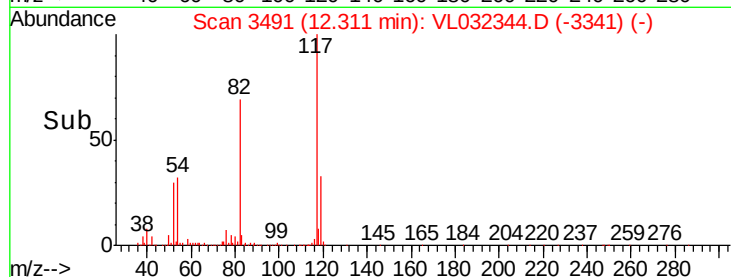
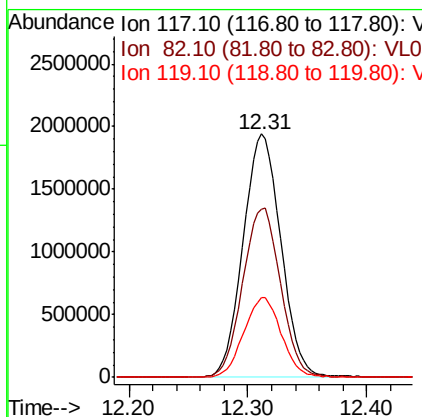
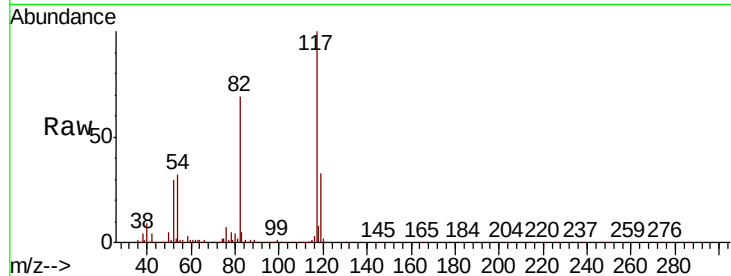
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.31 min Scan# 3491
Delta R.T. -0.02 min
Lab File: VL032344.D
Acq: 2 Aug 2018 10:04

Instrument :
MSVOA_L
ClientSampleId :
QC073018 CAN 10316

Tot Ion:117 Resp: 4270288
Ion Ratio Lower Upper
117 100
82 70.1 52.6 78.8
119 32.9 25.7 38.5

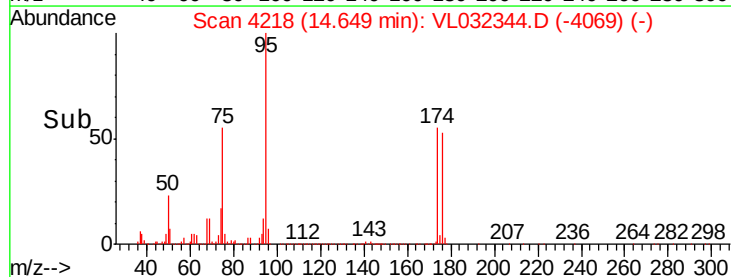
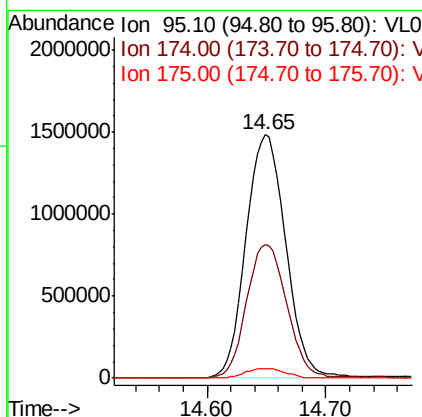
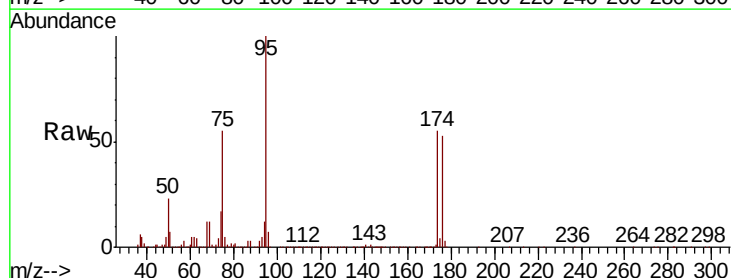
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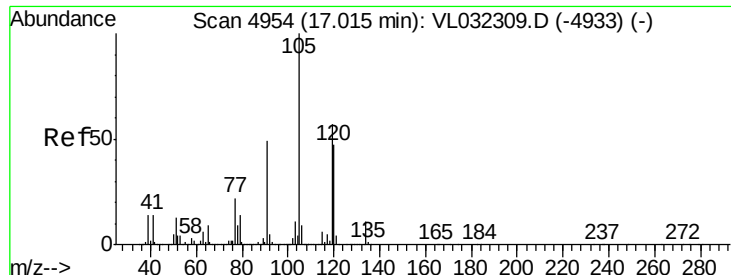
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.37 ppbv
RT: 14.65 min Scan# 4218
Delta R.T. -0.02 min
Lab File: VL032344.D
Acq: 2 Aug 2018 10:04

Tgt Ion: 95 Resp: 3437483
Ion Ratio Lower Upper
95 100
174 56.2 45.5 68.3
175 4.0 3.3 4.9





#74
 1,2,4-Trimethylbenzene
 Concen: 0.04 ppbv
 RT: 17.00 min Scan# 4949
 Delta R.T. -0.02 min
 Lab File: VL032344.D
 Acq: 2 Aug 2018 10:04

Instrument :
 MSVOA_L
 ClientSampleId :
 QC073018 CAN 10316

Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	29.8	37.8	56.6#
91	16.2	39.4	59.0#
77	12.0	17.6	26.4#

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