

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070518\
 Data File : VL032209.D
 Acq On : 5 Jul 2018 18:44
 Operator : SY/AP
 Sample : J3867-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 539BDL

Manual Integrations
 APPROVED

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Quant Time: Jul 06 05:17:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 2
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	7/9/2018 10:47:33 AM
1) Bromochloromethane	5.84	49	1481472	10.00	ppbv	-0.02	
33) 1,4-Difluorobenzene	7.38	114	3642650	10.00	ppbv	-0.02	
55) Chlorobenzene-d5	12.34	117	3623270	10.00	ppbv	-0.02	

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	2786699	10.06	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.10	41	16585m	0.20	ppbv	
13) Ethanol	3.72	45	112323m	4.39	ppbv	
15) Acetone	3.97	43	522706	3.02	ppbv	99
20) Methylene Chloride	4.48	84	241206	3.81	ppbv	97
26) Hexane	5.86	57	632474	3.83	ppbv #	44
34) 2-Butanone	5.42	43	28536m	0.12	ppbv	

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

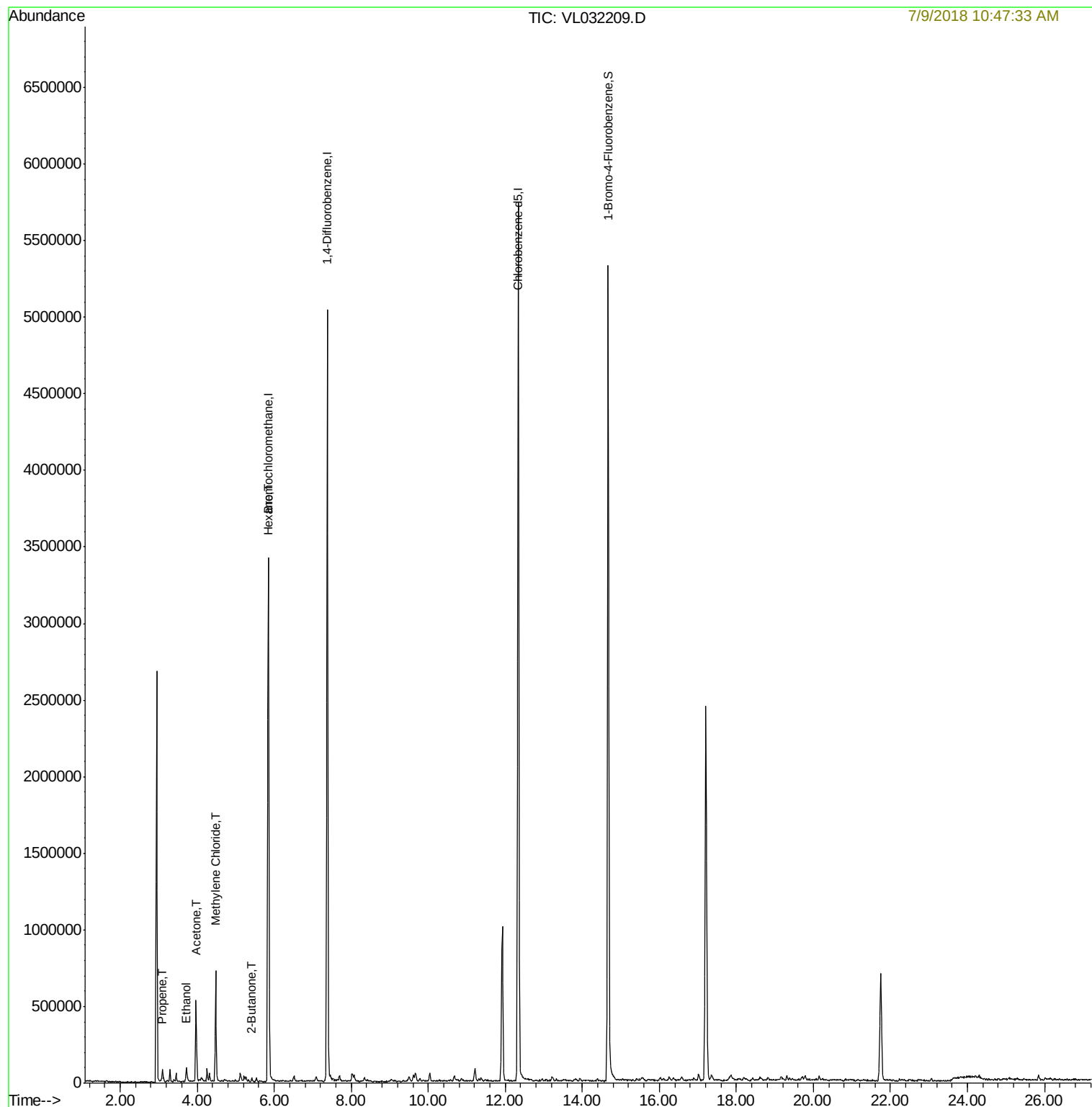
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070518\
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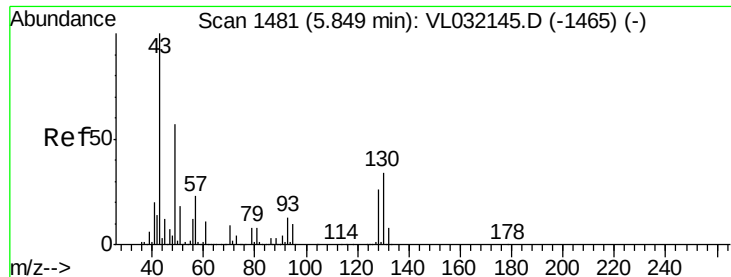
Instrument :
MSVOA_L
ClientSampleId :
539BDL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
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QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.84 min Scan# 1479

Delta R.T. -0.02 min

Lab File: VL032209.D

Acq: 5 Jul 2018 18:44

Instrument :

MSVOA_L

ClientSampleId :

539BDL

Tot Ion: 49 Resp: 1481472

Ion Ratio Lower Upper

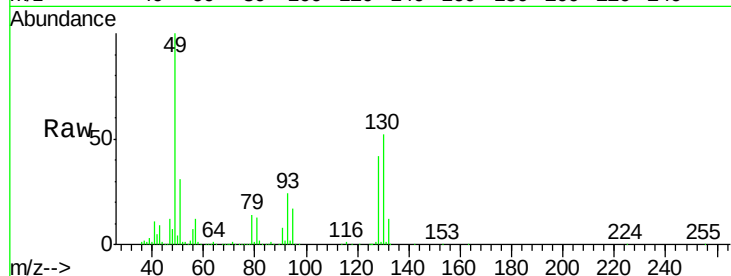
49 100

128 43.1 23.4 70.0

130 54.6 30.3 90.9

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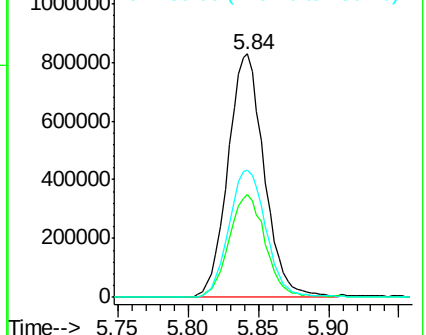
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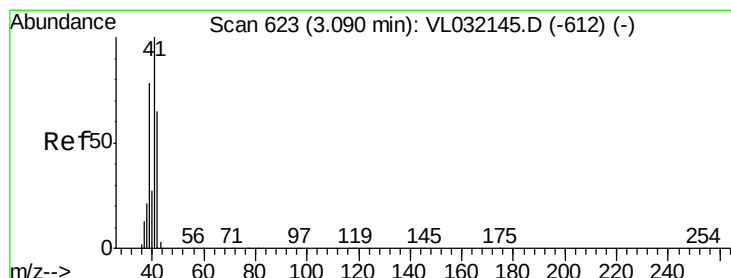
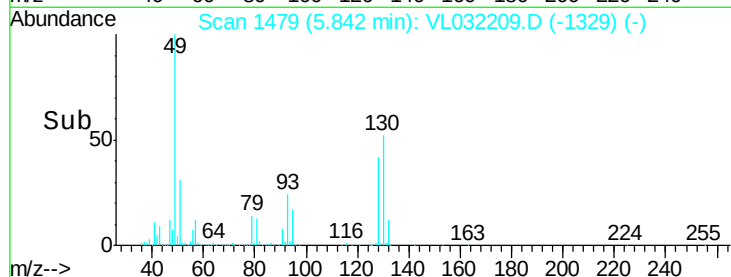
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



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#9

Propene

Concen: 0.20 ppbv m

RT: 3.10 min Scan# 626

Delta R.T. 0.00 min

Lab File: VL032209.D

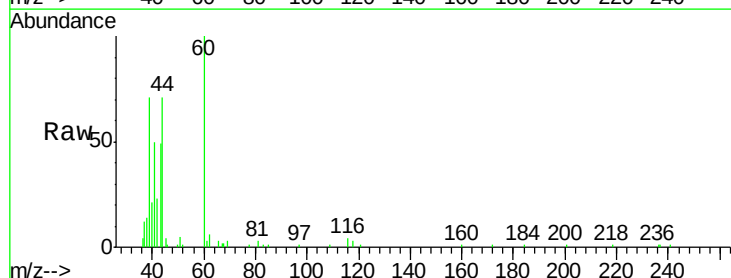
Acq: 5 Jul 2018 18:44

Tgt Ion: 41 Resp: 16585

Ion Ratio Lower Upper

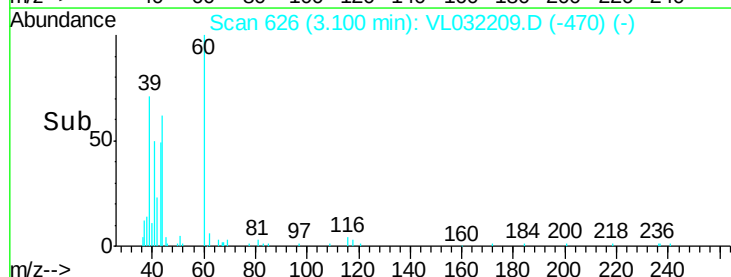
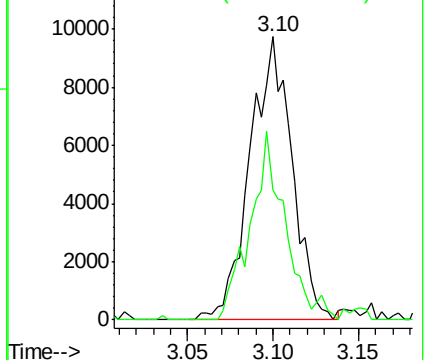
41 100

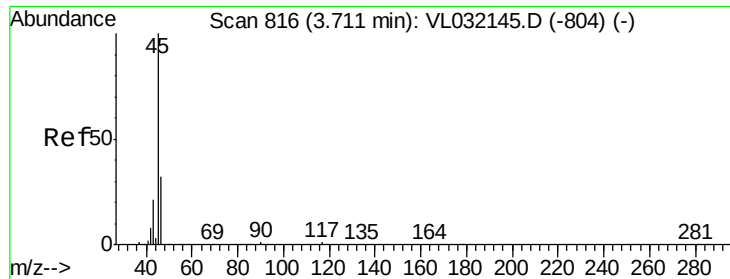
42 47.4 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





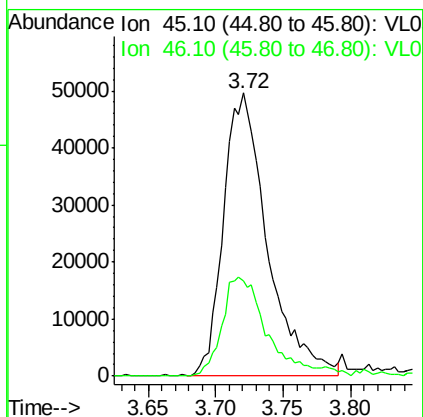
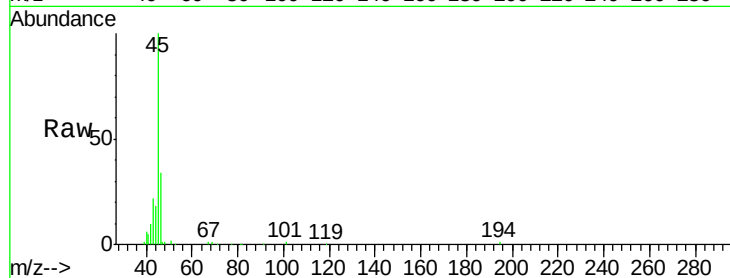
#13
Ethanol
Concen: 4.39 ppbv m
RT: 3.72 min Scan# 819
Delta R.T. -0.00 min
Lab File: VL032209.D
Acq: 5 Jul 2018 18:44

Instrument :
MSVOA_L
ClientSampled :
539BDL

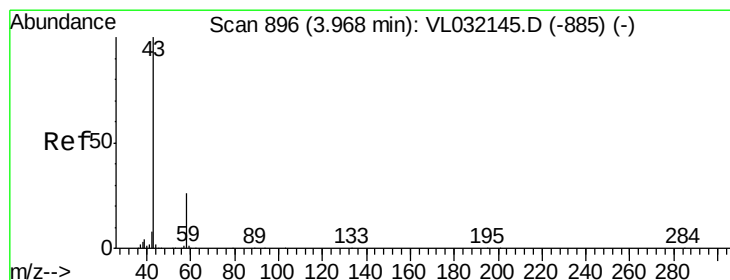
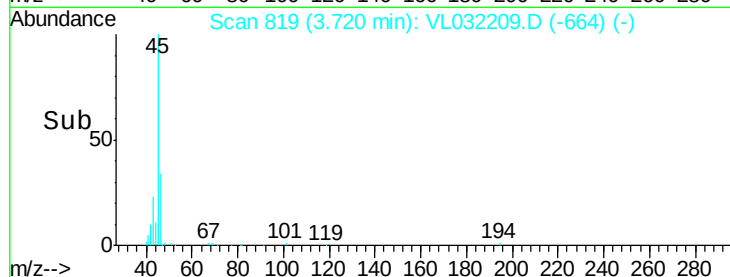
Tot Ion	45	Resp	112323
Ion Ratio	100	Lower	Upper
46	36.2	14.6	58.4

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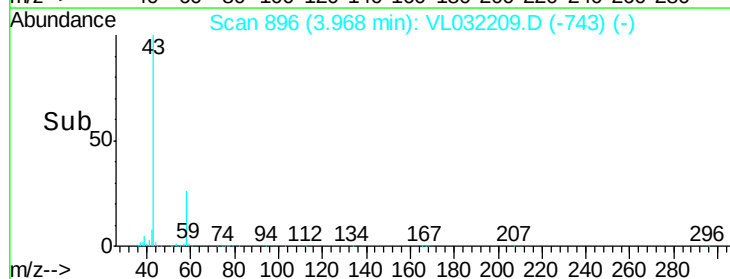
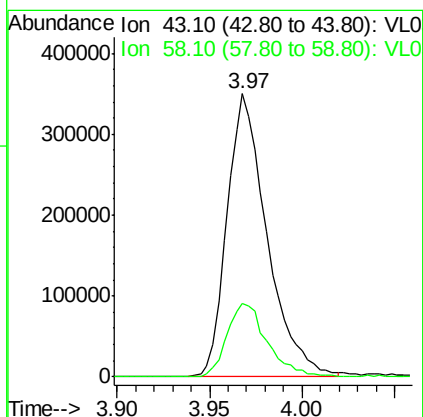
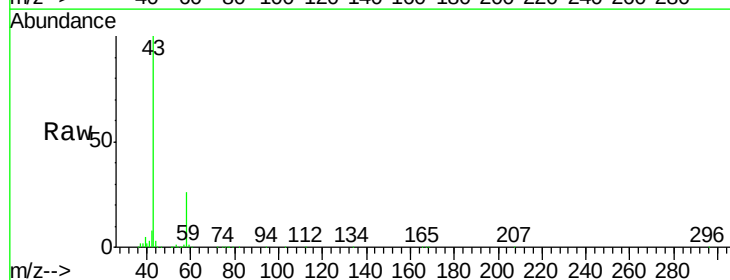


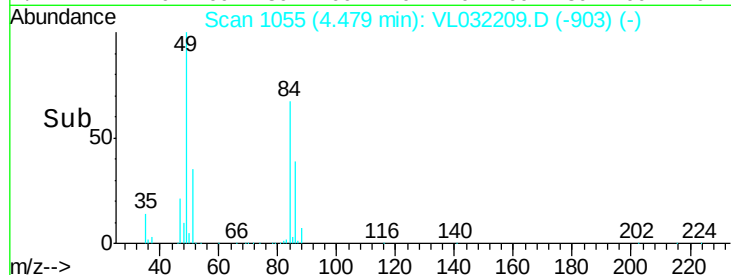
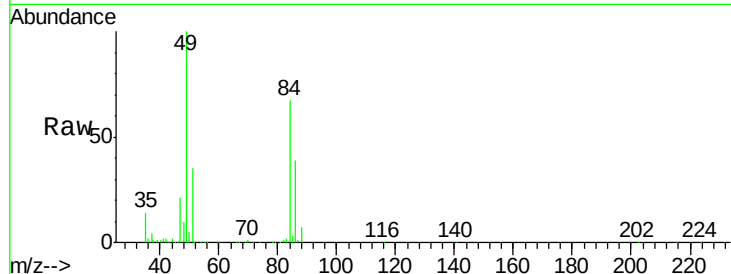
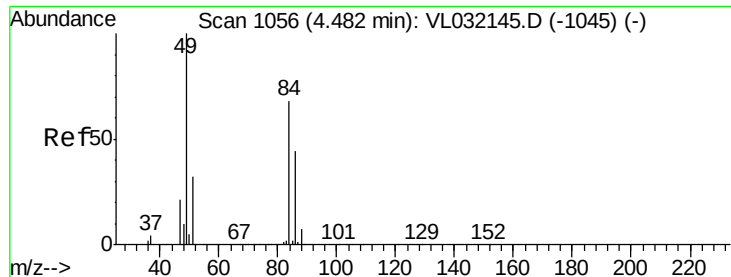
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#15
Acetone
Concen: 3.02 ppbv
RT: 3.97 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL032209.D
Acq: 5 Jul 2018 18:44

Tgt Ion	43	Resp	522706
Ion Ratio	100	Lower	Upper
58	26.3	21.4	32.0





#20
Methvlene Chloride
Concen: 3.81 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VL032209.D
Acq: 5 Jul 2018 18:44

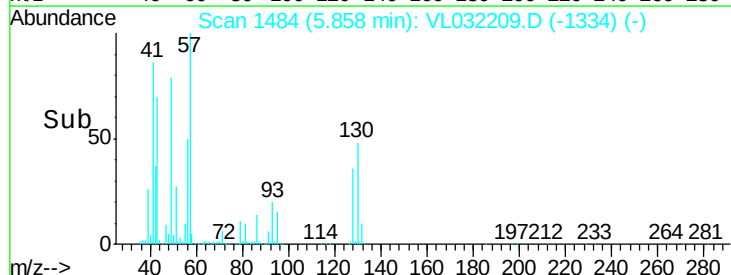
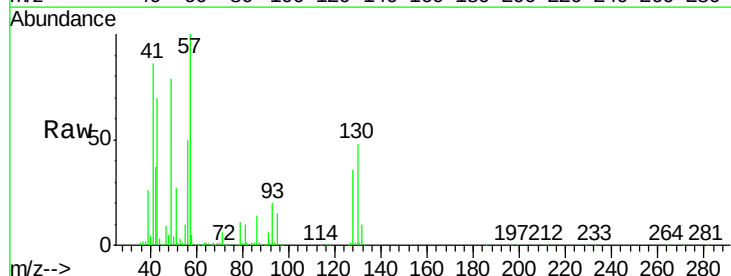
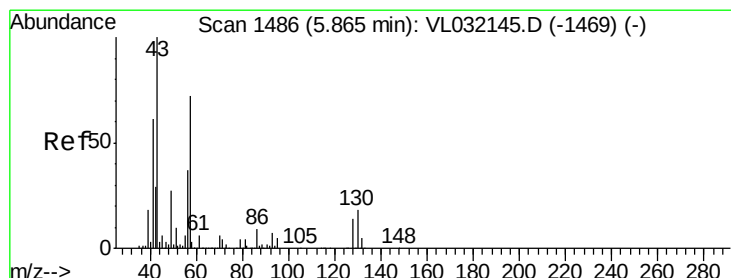
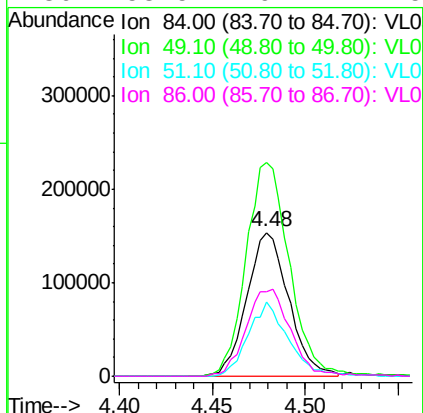
Tot Ion:	84	Resp:	241206
Ion Ratio	Lower	Upper	
84	100		
49	148.8	119.6	179.4
51	52.4	36.3	54.5
86	58.5	49.7	74.5

Instrument :
MSVOA_L
ClientSampleId :
539BDL

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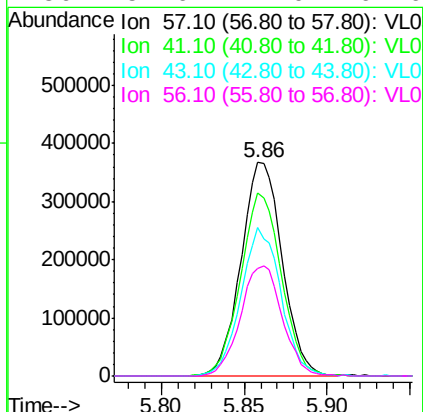
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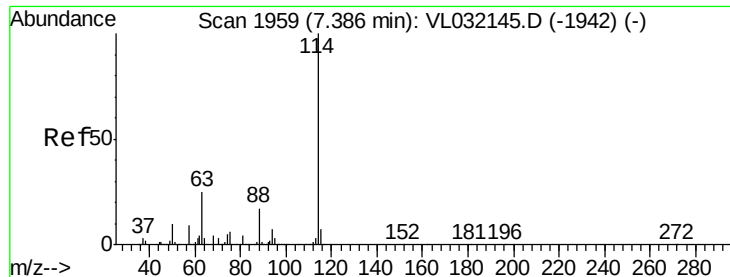
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#26
Hexane
Concen: 3.83 ppbv
RT: 5.86 min Scan# 1484
Delta R.T. -0.02 min
Lab File: VL032209.D
Acq: 5 Jul 2018 18:44

Tgt Ion:	57	Resp:	632474
Ion Ratio	Lower	Upper	
57	100		
41	85.3	68.6	103.0
43	68.0	168.6	252.8
56	52.6	41.0	61.6





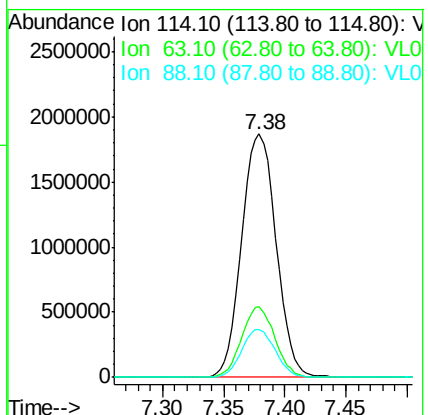
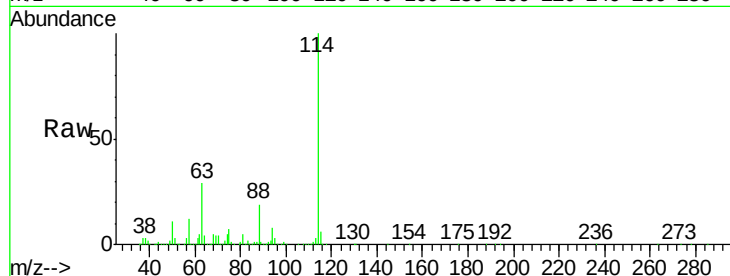
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.38 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: VL032209.D
 Acq: 5 Jul 2018 18:44

Instrument :
 MSVOA_L
 ClientSampleId :
 539BDL

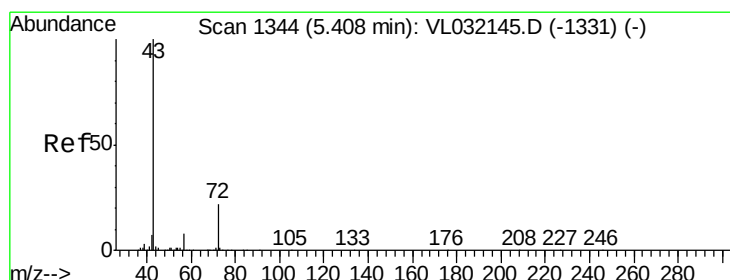
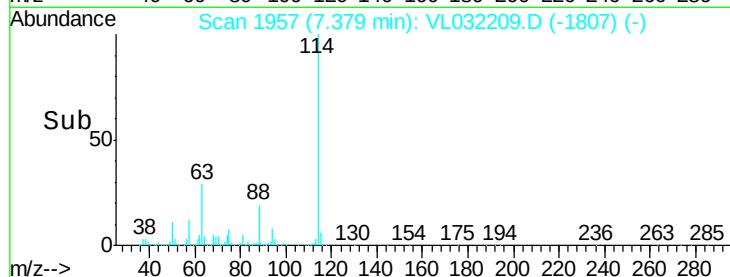
Tot Ion	Ratio	Lower	Upper
114	100		
63	28.0	19.1	28.7
88	19.1	13.9	20.9

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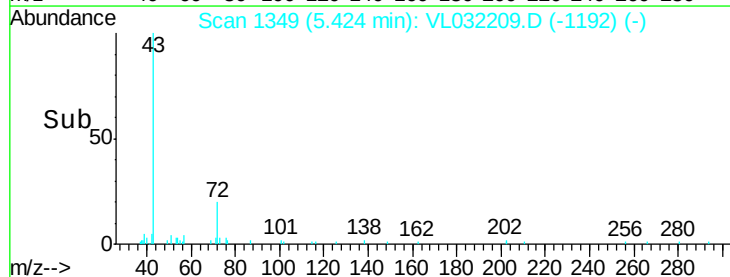
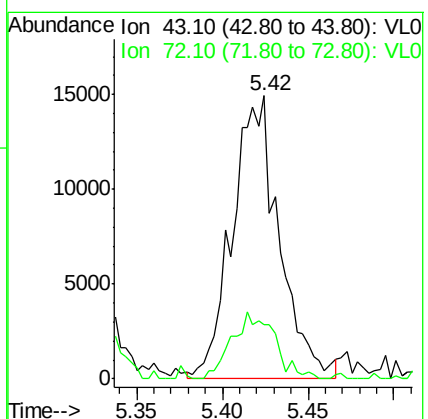
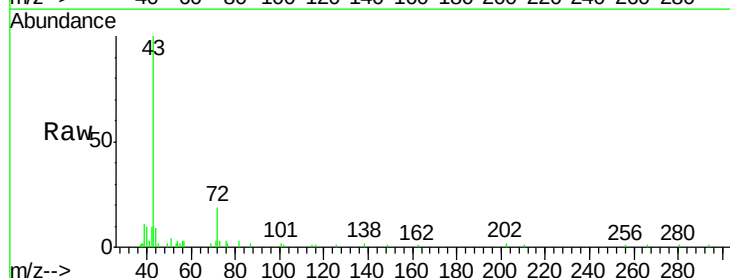


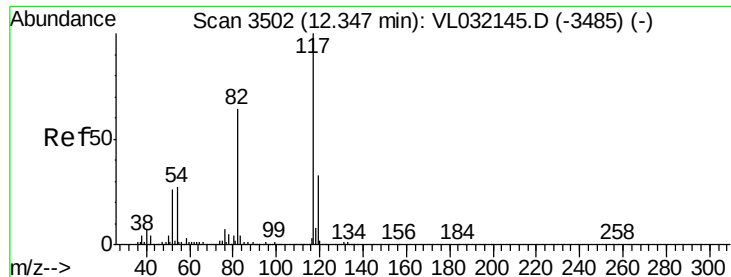
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#34
 2-Butanone
 Concen: 0.12 ppbv m
 RT: 5.42 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: VL032209.D
 Acq: 5 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.4	27.6





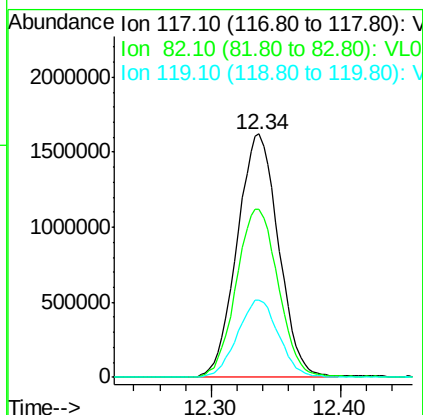
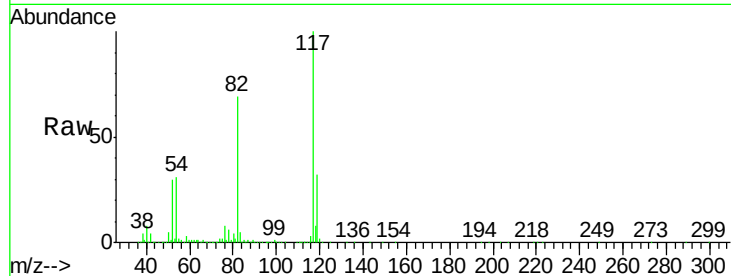
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.34 min Scan# 3499
Delta R.T. -0.02 min
Lab File: VL032209.D
Acq: 5 Jul 2018 18:44

Instrument :
MSVOA_L
ClientSampleId :
539BDL

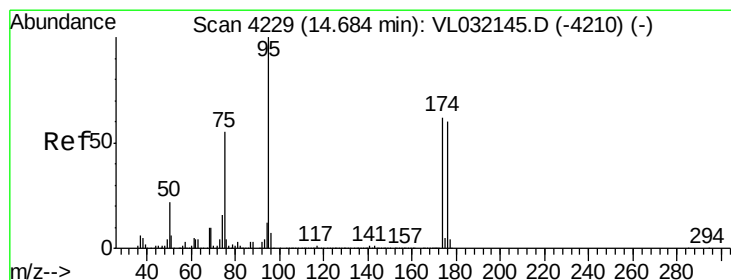
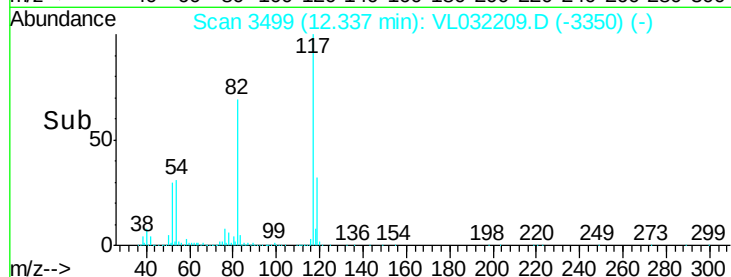
Tot Ion:117 Resp: 3623270
Ion Ratio Lower Upper
117 100
82 70.7 47.8 71.8
119 32.0 43.3 64.9#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.06 ppbv
RT: 14.67 min Scan# 4225
Delta R.T. -0.03 min
Lab File: VL032209.D
Acq: 5 Jul 2018 18:44

Tgt Ion: 95 Resp: 2786699
Ion Ratio Lower Upper
95 100
174 55.9 52.1 78.1
175 4.1 4.0 6.0

