

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062918\
 Data File : VL032162.D
 Acq On : 30 Jun 2018 9:12
 Operator : SY/AP
 Sample : J3601-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DUPEDL

Manual Integrations
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Quant Time: Jul 02 01:19:50 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)
1) Bromochloromethane	5.84	49	1684894	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	4203881	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	4075499	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.68	95	3085685	9.90	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds					Ovalue
9) Propene	3.11	41	14147m	0.15	ppbv
13) Ethanol	3.72	45	181106	6.23	ppbv
15) Acetone	3.97	43	355534	1.80	ppbv
20) Methylene Chloride	4.48	84	50543	0.70	ppbv
26) Hexane	5.86	57	69049	0.37	ppbv
34) 2-Butanone	5.43	43	29120m	0.11	ppbv
53) Toluene	10.04	91	144121	0.29	ppbv

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

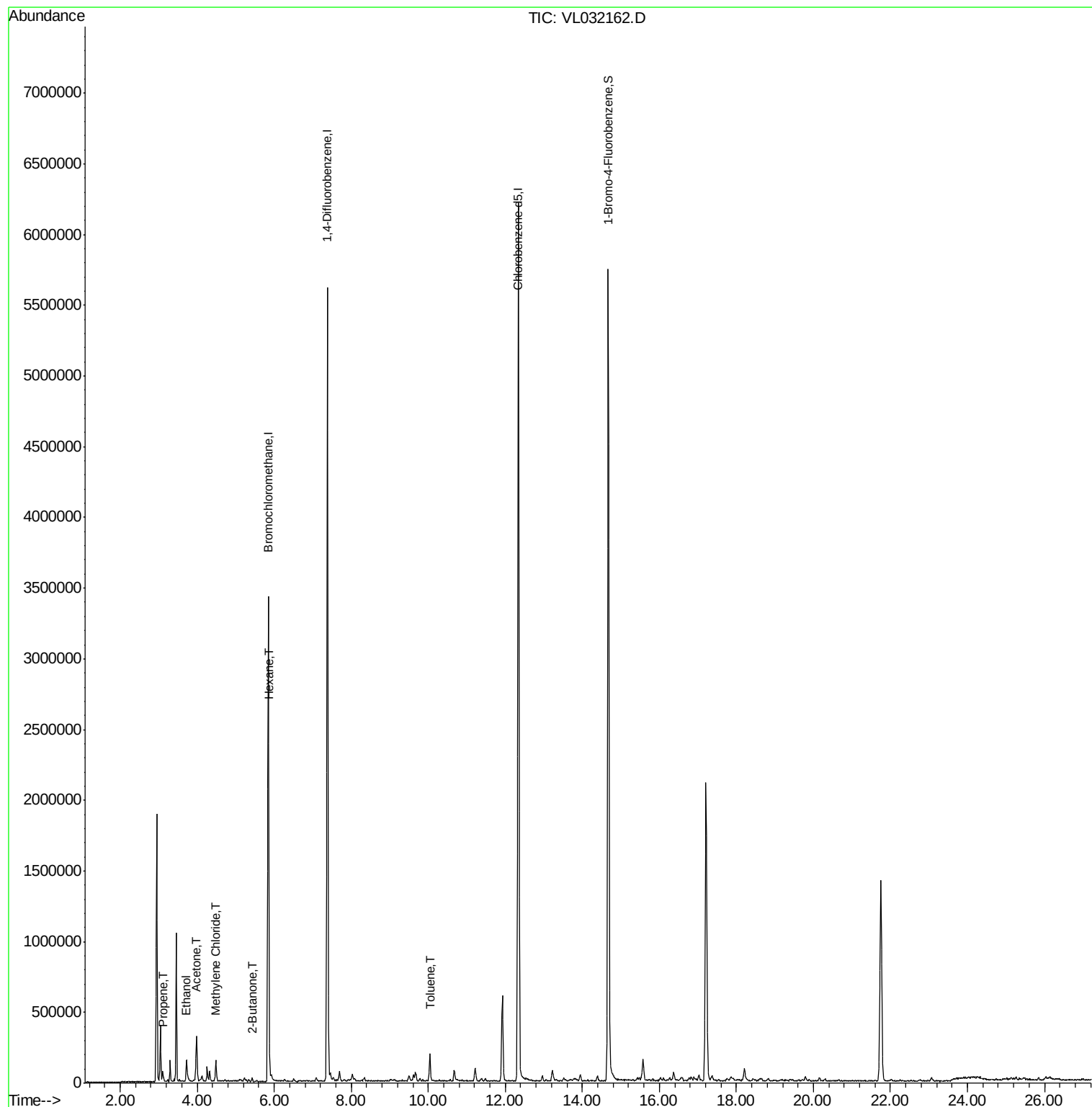
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062918\
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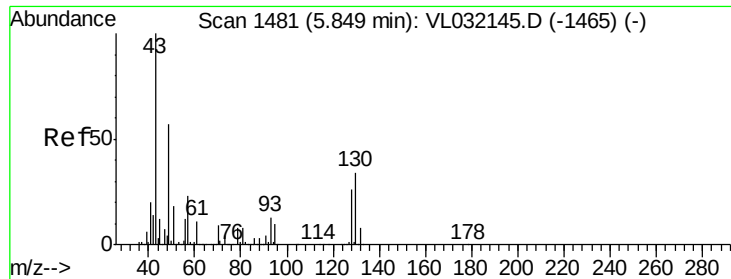
Instrument :
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QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.84 min Scan# 1479

Delta R.T. -0.02 min

Lab File: VL032162.D

Acq: 30 Jun 2018 9:12

Instrument :

MSVOA_L

ClientSampleId :

DUPEDL

Tot Ion: 49 Resp: 1684894

Ion Ratio Lower Upper

49 100

128 45.2 23.4 70.0

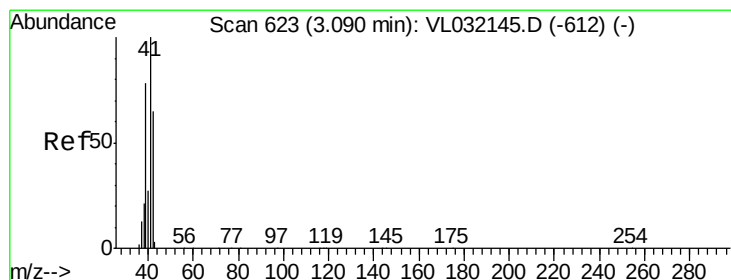
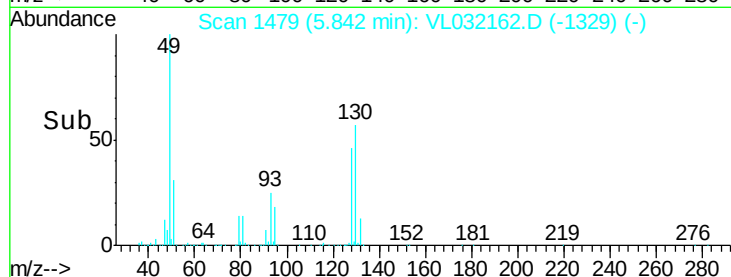
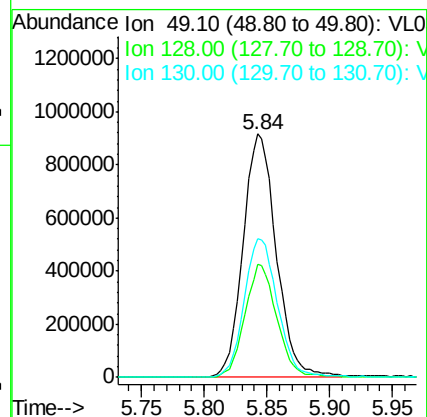
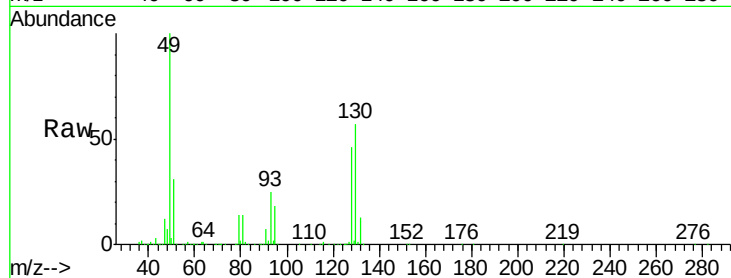
130 58.2 30.3 90.9

Manual Integrations

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#9

Propene

Concen: 0.15 ppbv m

RT: 3.11 min Scan# 628

Delta R.T. 0.01 min

Lab File: VL032162.D

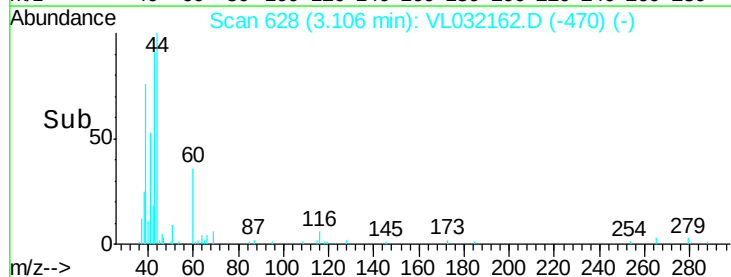
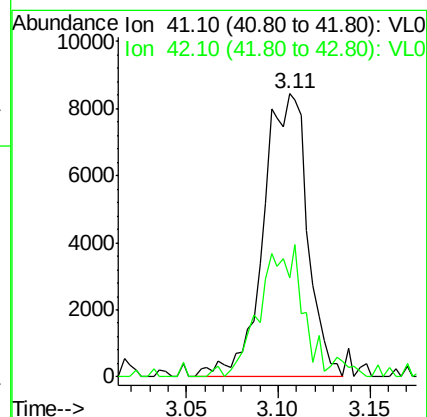
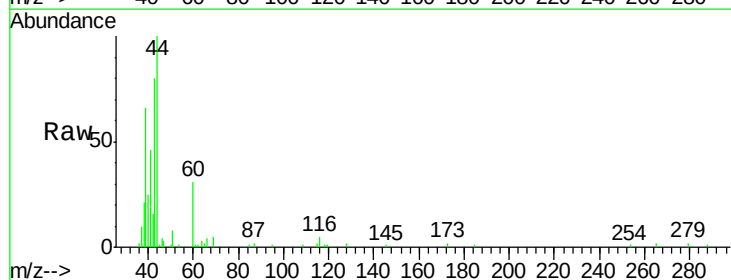
Acq: 30 Jun 2018 9:12

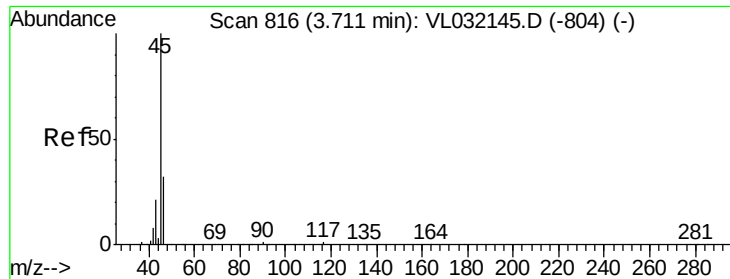
Tgt Ion: 41 Resp: 14147

Ion Ratio Lower Upper

41 100

42 181.2 56.2 84.4#





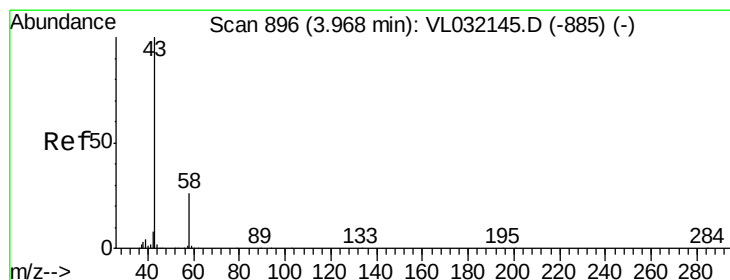
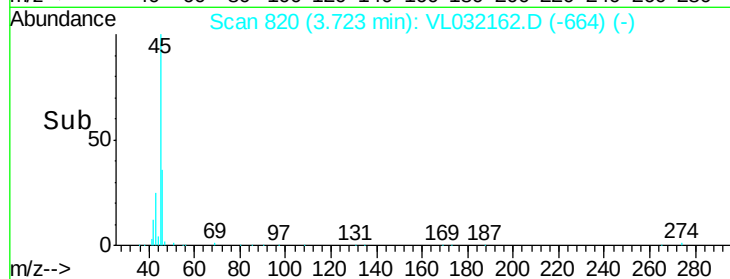
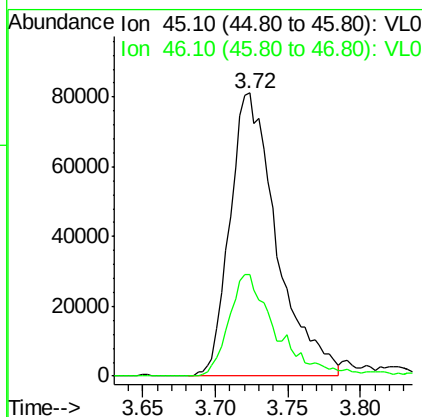
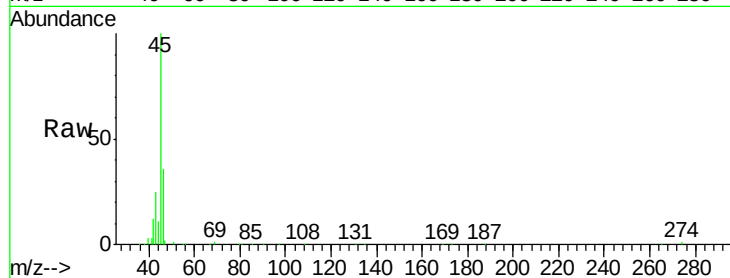
#13
Ethanol
Concen: 6.23 ppbv
RT: 3.72 min Scan# 820
Delta R.T. 0.00 min
Lab File: VL032162.D
Acq: 30 Jun 2018 9:12

Instrument :
MSVOA_L
ClientSampleId :
DUPEDL

Tot Ion	Ratio	Lower	Upper
45	100		
46	38.0	14.6	58.4

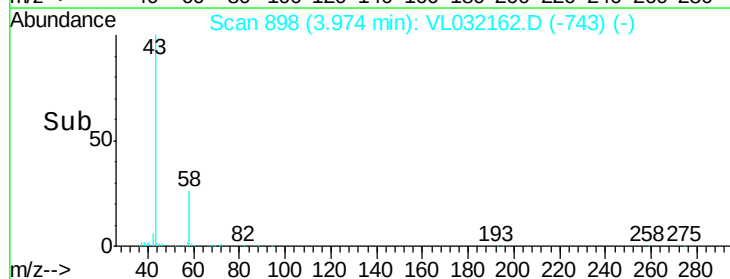
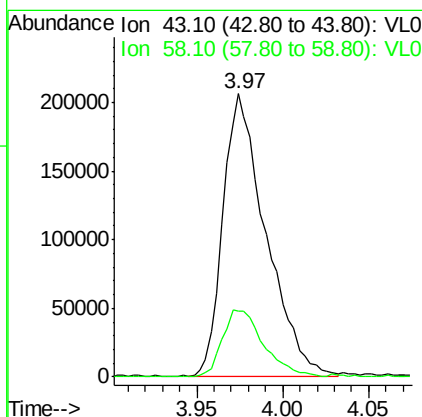
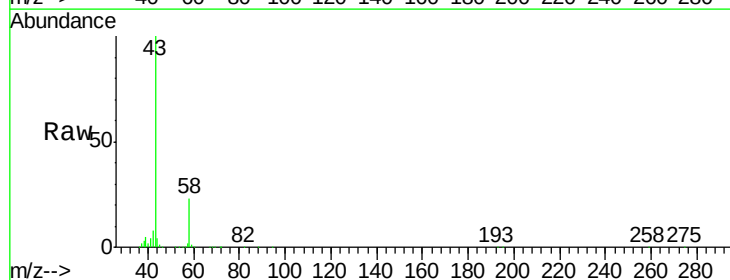
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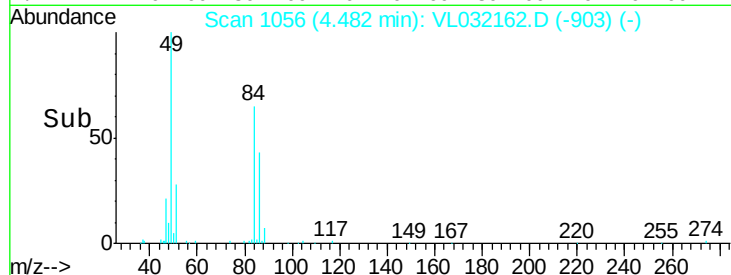
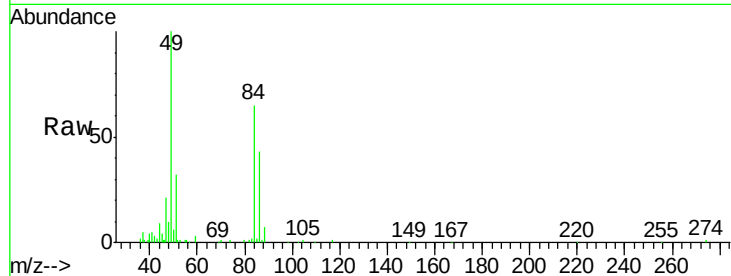
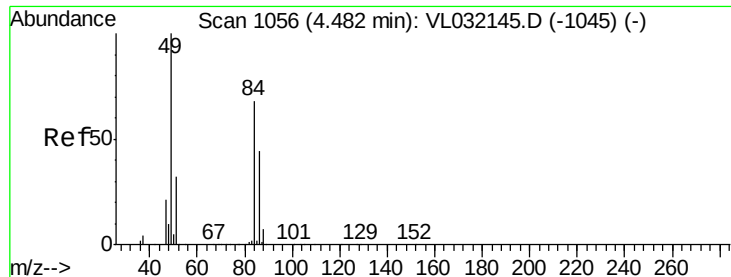
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#15
Acetone
Concen: 1.80 ppbv
RT: 3.97 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL032162.D
Acq: 30 Jun 2018 9:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	23.5	21.4	32.0





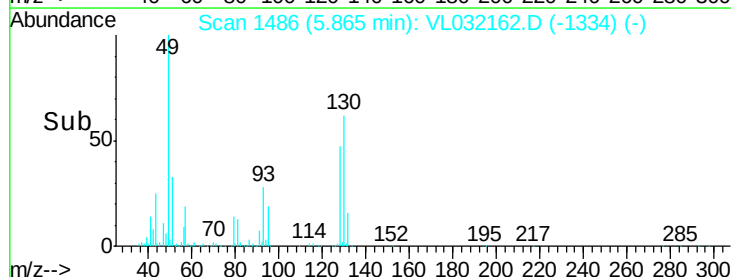
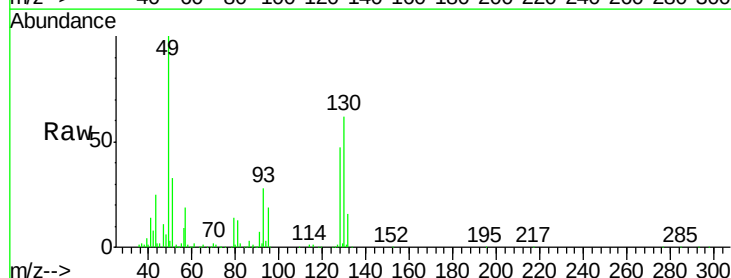
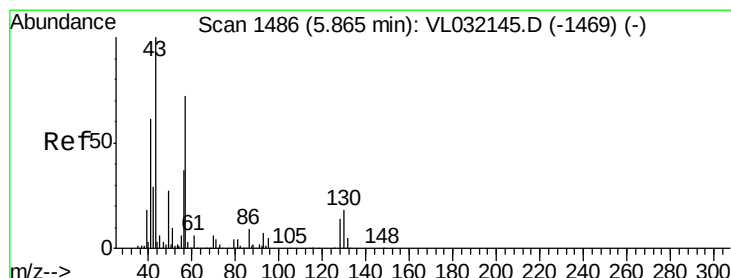
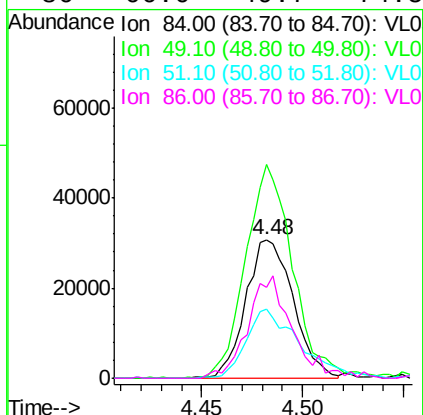
#20
Methvlene Chloride
Concen: 0.70 ppbv
RT: 4.48 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VL032162.D
Acq: 30 Jun 2018 9:12

Tot Ion	84	Resp	50543
Ion	Ratio	Lower	Upper
84	100		
49	153.0	119.6	179.4
51	49.7	36.3	54.5
86	66.0	49.7	74.5

Instrument :
MSVOA_L
ClientSampleId :
DUPEDL

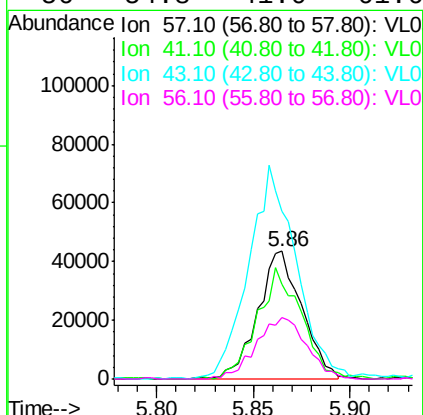
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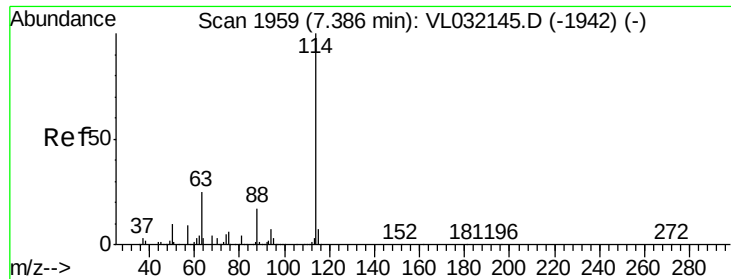
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#26
Hexane
Concen: 0.37 ppbv
RT: 5.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VL032162.D
Acq: 30 Jun 2018 9:12

Tgt Ion	57	Resp	69049
Ion	Ratio	Lower	Upper
57	100		
41	87.8	68.6	103.0
43	182.8	168.6	252.8
56	54.8	41.0	61.6





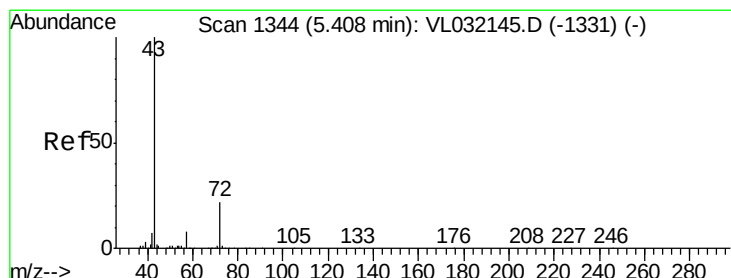
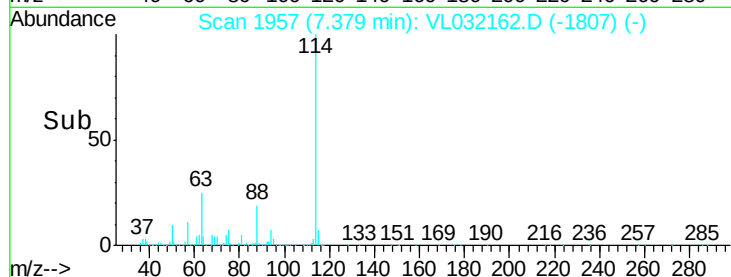
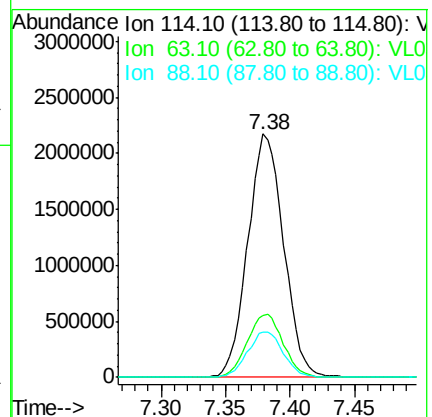
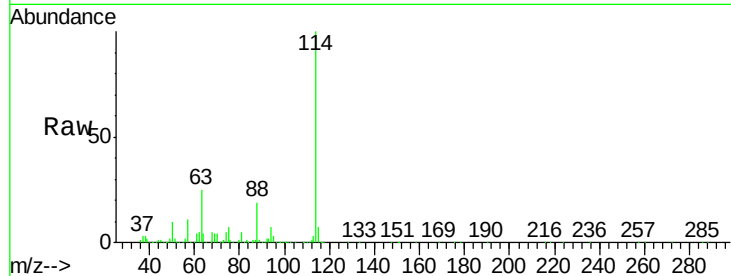
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.38 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: VL032162.D
 Acq: 30 Jun 2018 9:12

Instrument :
 MSVOA_L
 ClientSampleID :
 DUPEDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.2	19.1	28.7
88	18.7	13.9	20.9

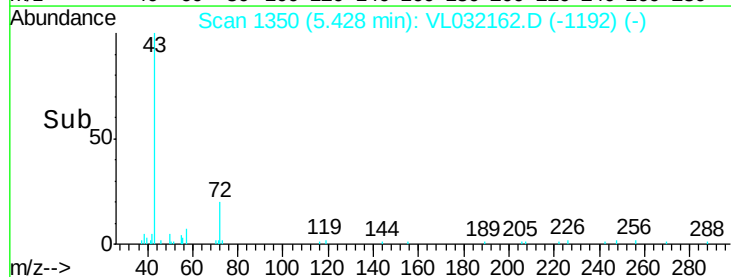
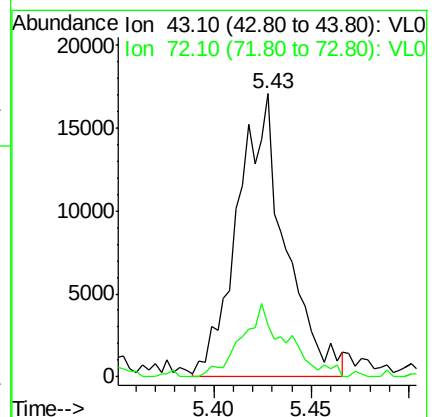
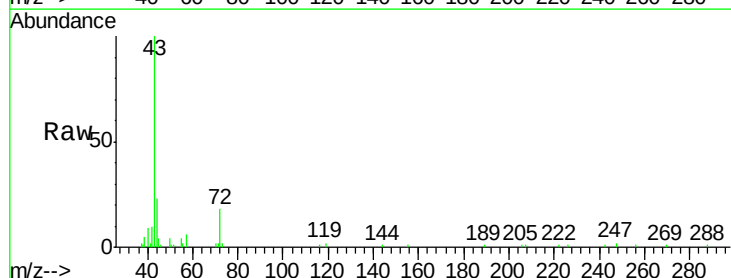
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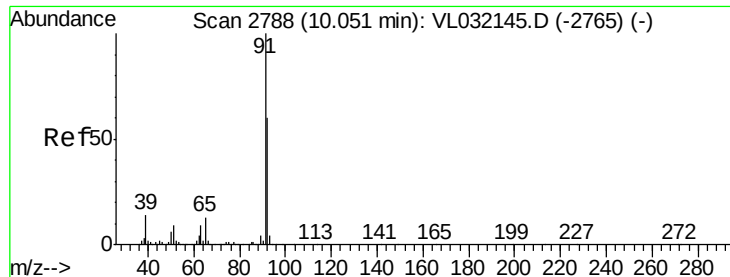
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#34
 2-Butanone
 Concen: 0.11 ppbv m
 RT: 5.43 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: VL032162.D
 Acq: 30 Jun 2018 9:12

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.4	27.6#





#53

Toluene

Concen: 0.29 ppbv

RT: 10.04 min Scan# 2785

Delta R.T. -0.02 min

Lab File: VL032162.D

Acq: 30 Jun 2018 9:12

Instrument :

MSVOA_L

ClientSampleId :

DUPEDL

Tot Ion: 91 Resp: 144121

Ion Ratio Lower Upper

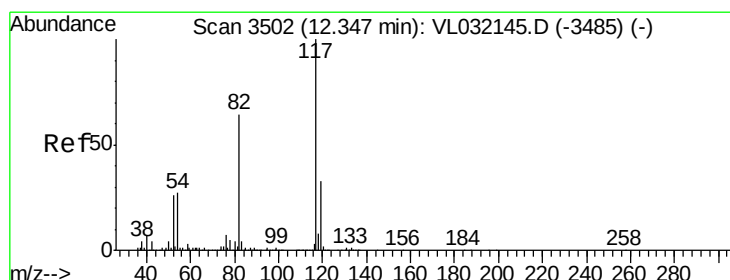
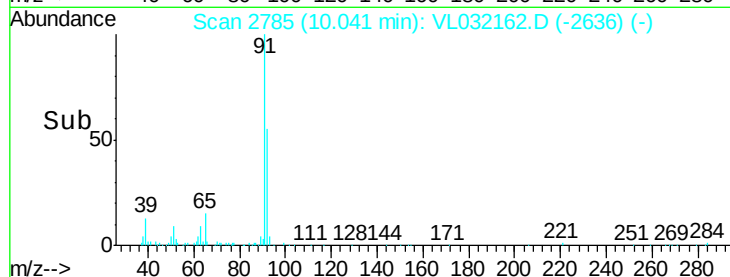
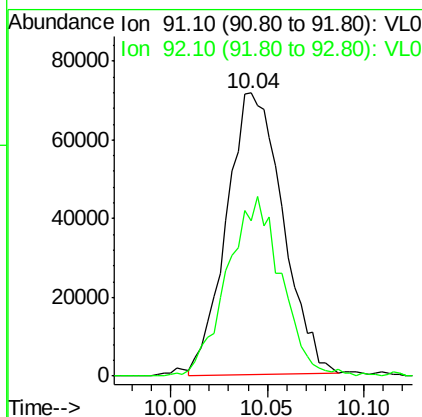
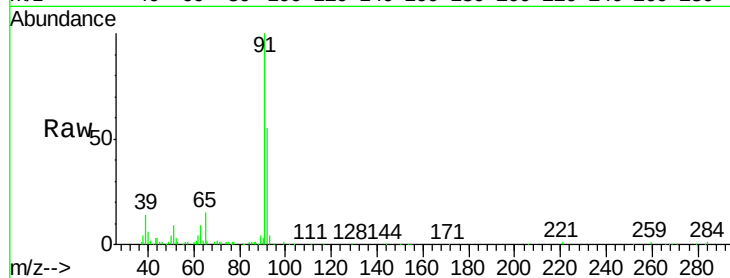
91 100

92 62.0 49.2 73.8

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#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.34 min Scan# 3499

Delta R.T. -0.02 min

Lab File: VL032162.D

Acq: 30 Jun 2018 9:12

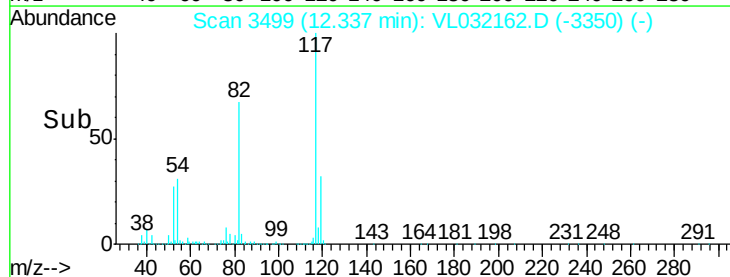
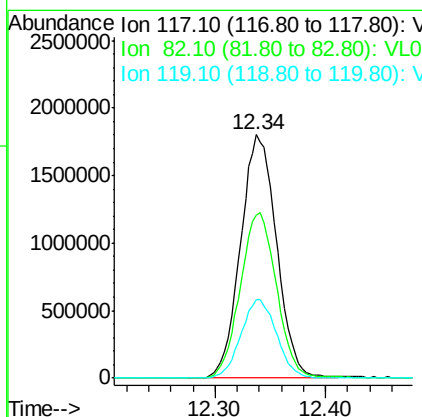
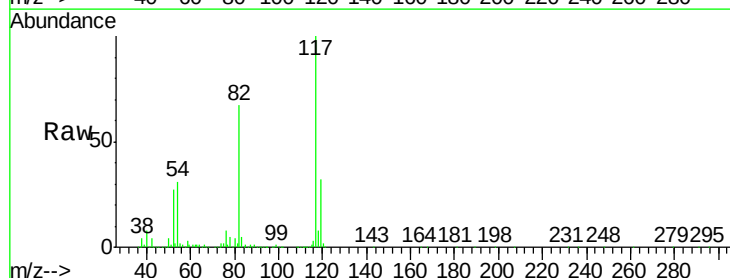
Tgt Ion: 117 Resp: 4075499

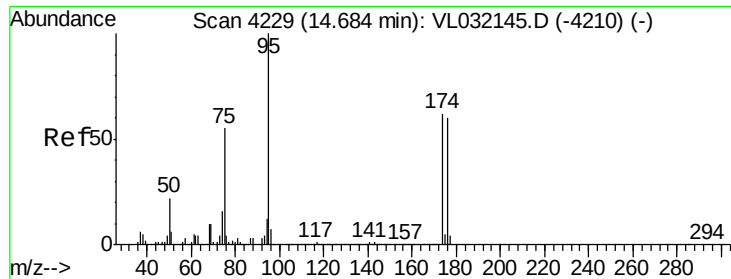
Ion Ratio Lower Upper

117 100

82 68.8 47.8 71.8

119 32.2 43.3 64.9#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.90 ppbv
 RT: 14.68 min Scan# 4227
 Delta R.T. -0.02 min
 Lab File: VL032162.D
 Acq: 30 Jun 2018 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 DUPEDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	56.7	52.1	78.1
175	4.2	4.0	6.0

Manual Integrations
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