

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032936.D
 Acq On : 7 Dec 2018 15:52
 Operator : SY/AP
 Sample : J6262-01DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

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 12/11/2018 10:08:54 AM

Quant Time: Dec 10 20:42:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1318762	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3426867	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3184375	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2393410	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.05	41	12375	0.313	ppbv #	73
13) Ethanol	3.66	45	159561	11.735	ppbv	93
15) Acetone	3.91	43	251148	2.219	ppbv	100
19) Isopropyl Alcohol	4.04	45	83773	1.178	ppbv #	94
26) Hexane	5.78	57	76025	0.616	ppbv #	55
34) 2-Butanone	5.35	43	25638m	0.172	ppbv	
52) Tetrachloroethene	11.37	164	23170m	0.253	ppbv	

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

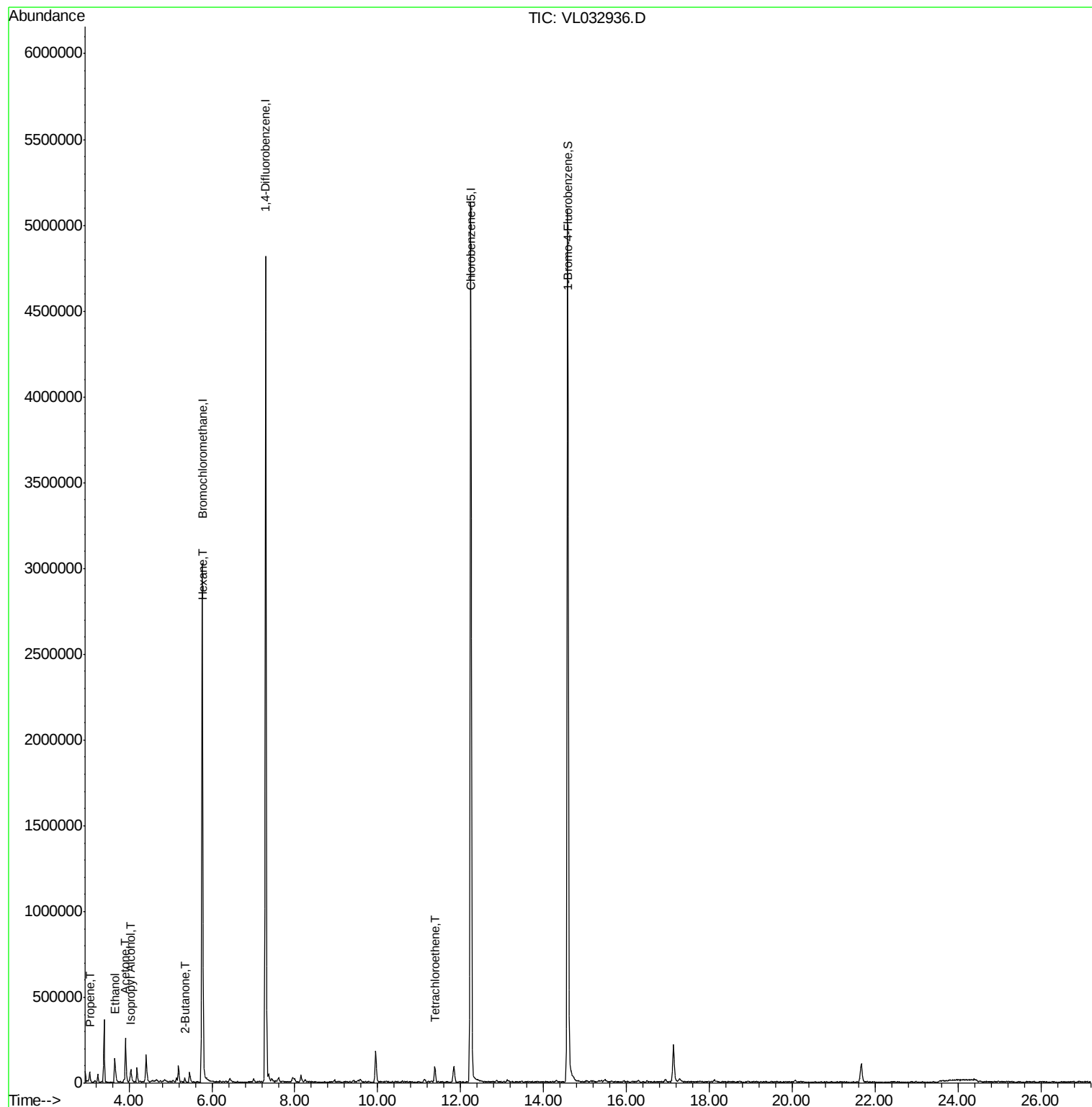
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
Data File : VL032936.D
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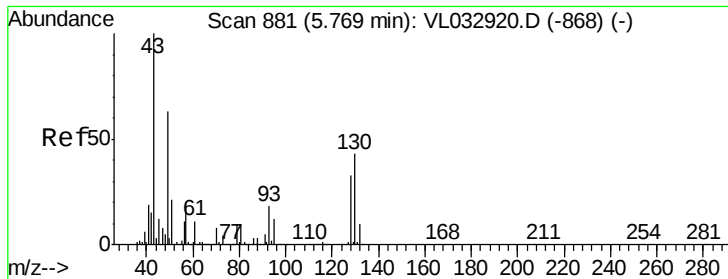
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL032936.D

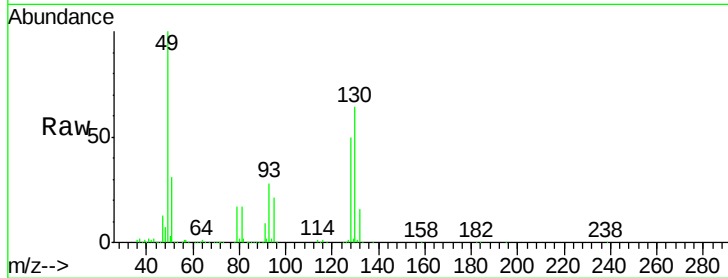
Acq: 7 Dec 2018 15:52

Instrument :

MSVOA_L

ClientSampled :

IA1DL



Tgt Ion: 49 Resp: 1318762

Ion Ratio Lower Upper

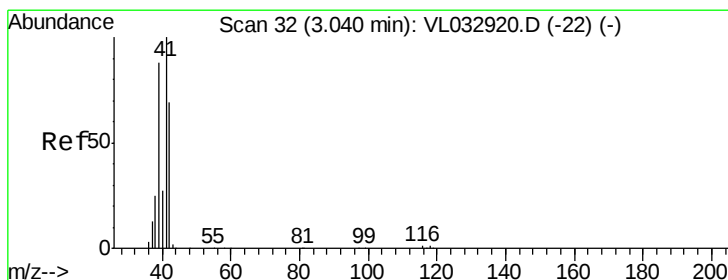
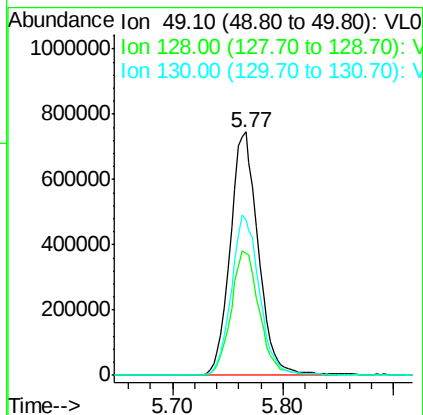
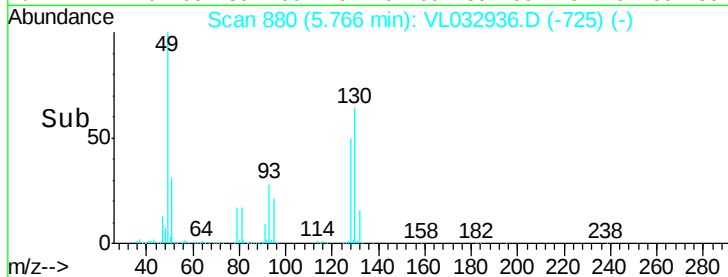
49 100

128 51.8 26.3 78.8

130 65.8 33.9 101.7

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#9

Propene

Concen: 0.313 ppbv

RT: 3.05 min Scan# 36

Delta R.T. 0.01 min

Lab File: VL032936.D

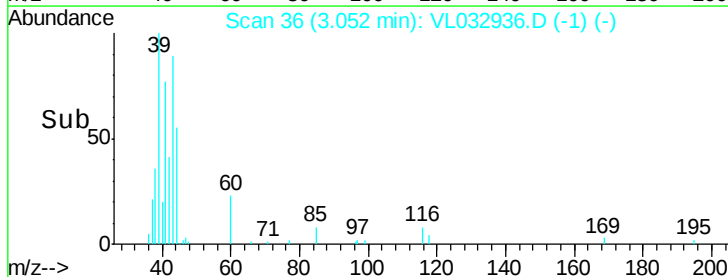
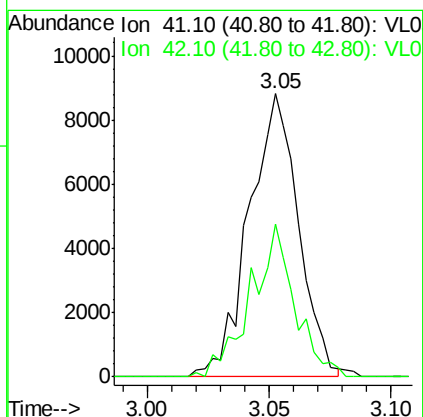
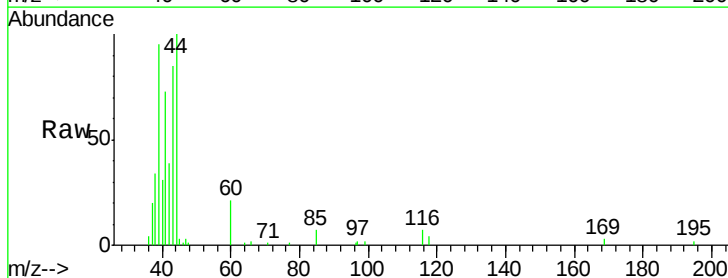
Acq: 7 Dec 2018 15:52

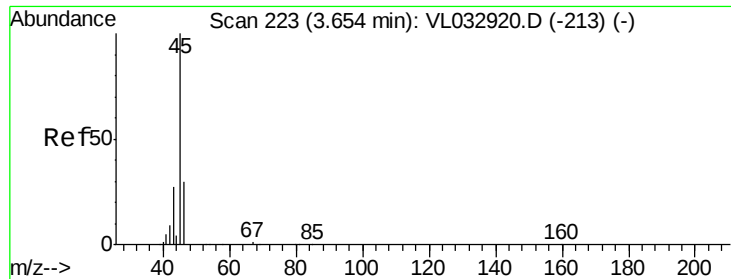
Tgt Ion: 41 Resp: 12375

Ion Ratio Lower Upper

41 100

42 48.1 56.2 84.2#





#13

Ethanol

Concen: 11.735 ppbv

RT: 3.66 min Scan# 225

Delta R.T. 0.01 min

Lab File: VL032936.D

Acq: 7 Dec 2018 15:52

Instrument :

MSVOA_L

ClientSampled :

IA1DL

Tgt Ion: 45 Resp: 159561

Ion Ratio Lower Upper

45 100

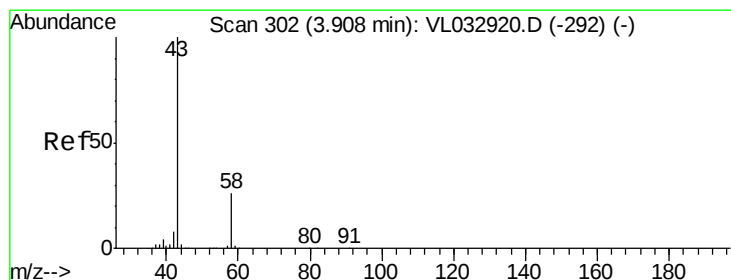
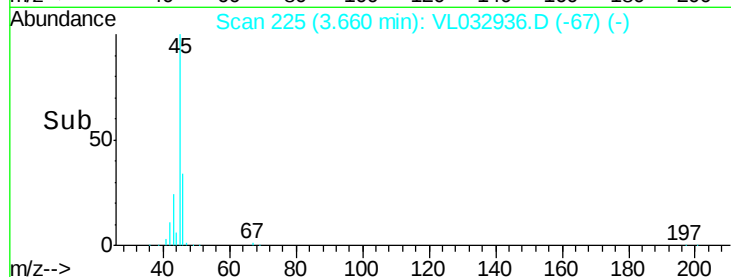
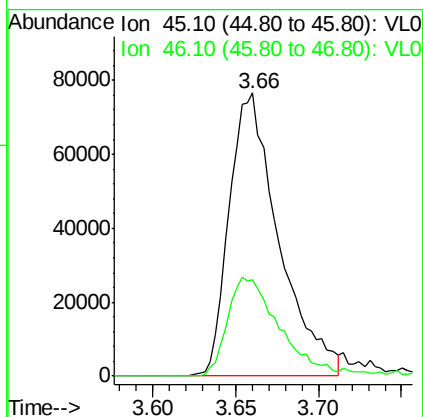
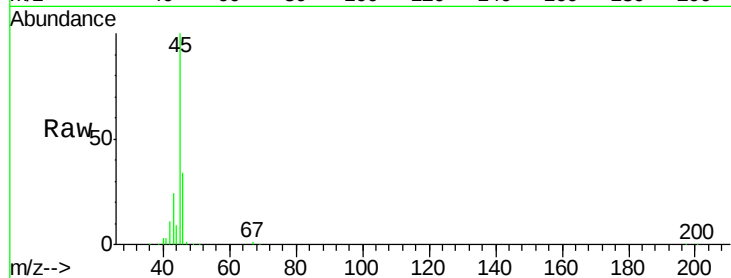
46 38.6 13.8 55.4

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#15

Acetone

Concen: 2.219 ppbv

RT: 3.91 min Scan# 303

Delta R.T. 0.00 min

Lab File: VL032936.D

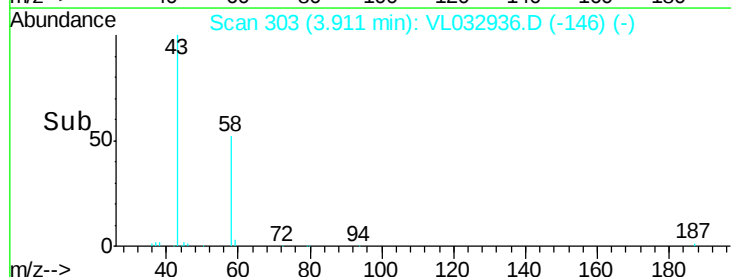
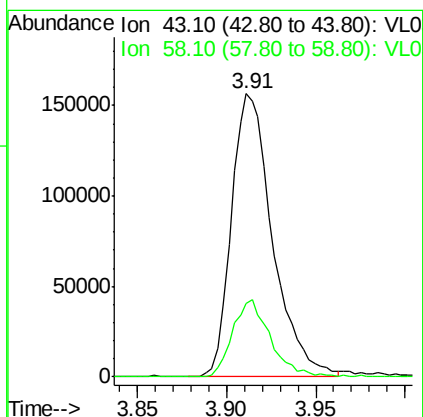
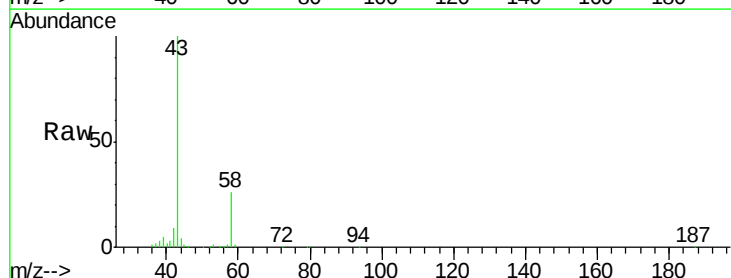
Acq: 7 Dec 2018 15:52

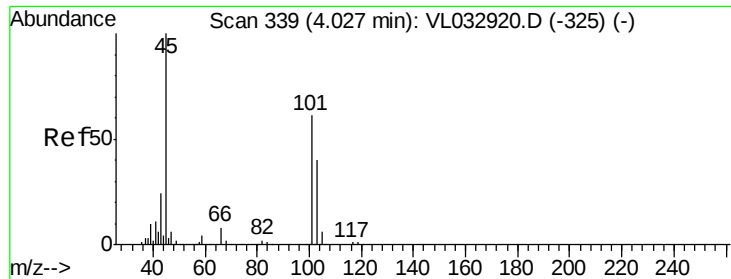
Tgt Ion: 43 Resp: 251148

Ion Ratio Lower Upper

43 100

58 25.6 20.6 30.8





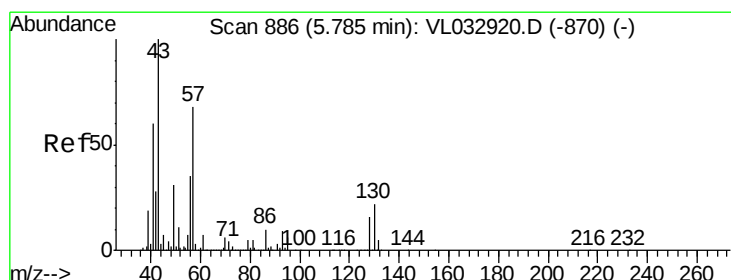
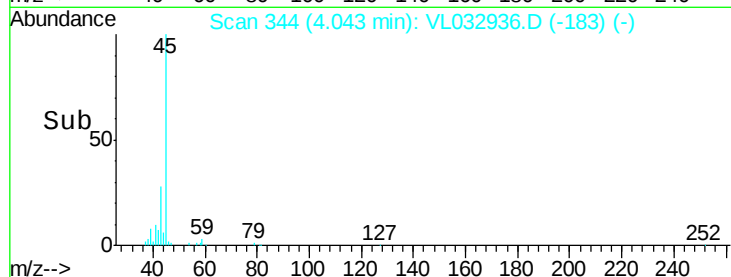
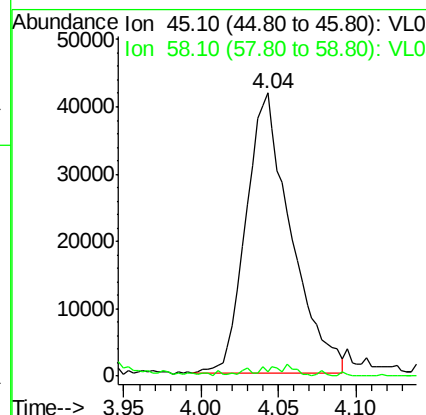
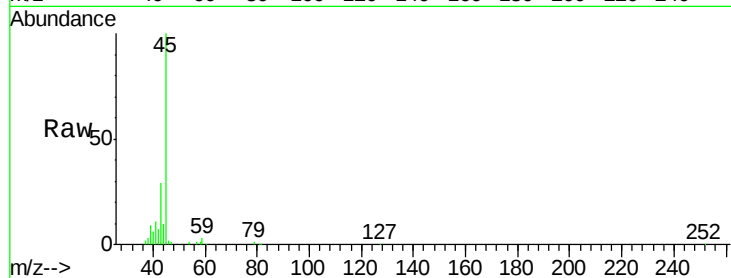
#19
Isopropyl Alcohol
Concen: 1.178 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.02 min
Lab File: VL032936.D
Acq: 7 Dec 2018 15:52

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 45 Resp: 83773
Ion Ratio Lower Upper
45 100
58 3.8 1.4 2.2#

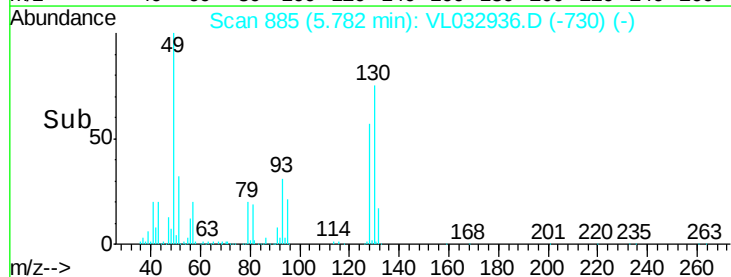
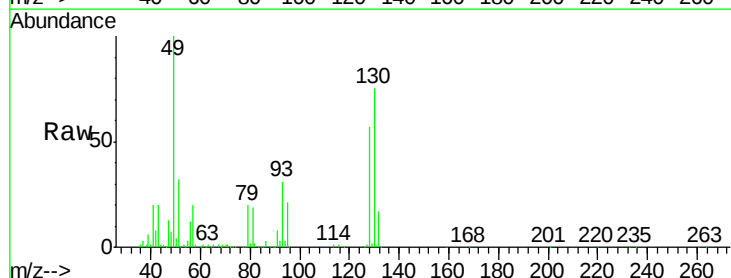
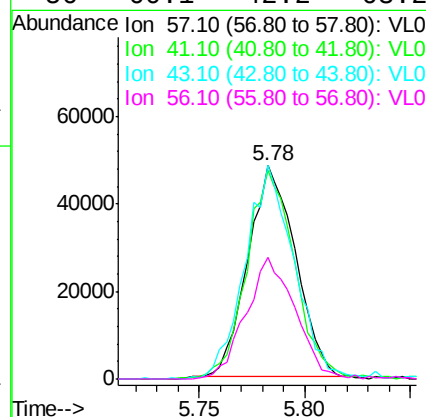
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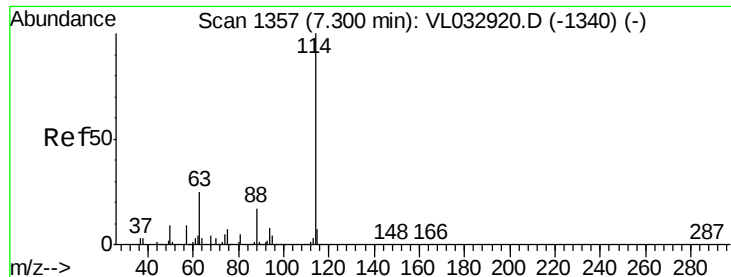
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#26
Hexane
Concen: 0.616 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.00 min
Lab File: VL032936.D
Acq: 7 Dec 2018 15:52

Tgt Ion: 57 Resp: 76025
Ion Ratio Lower Upper
57 100
41 100.3 72.2 108.2
43 106.3 171.9 257.9#
56 60.1 42.2 63.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VL032936.D

Acq: 7 Dec 2018 15:52

Instrument :

MSVOA_L

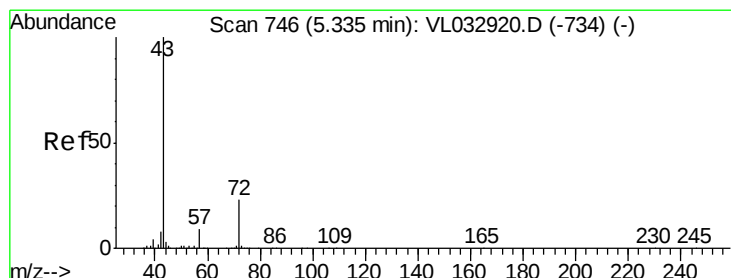
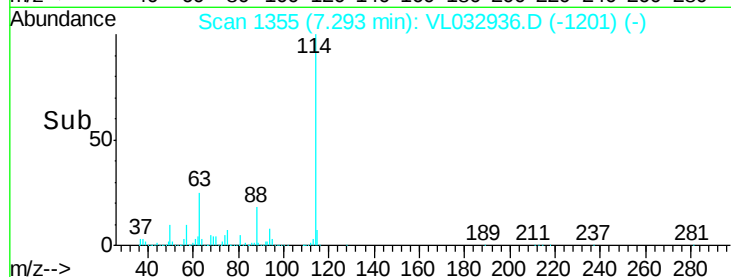
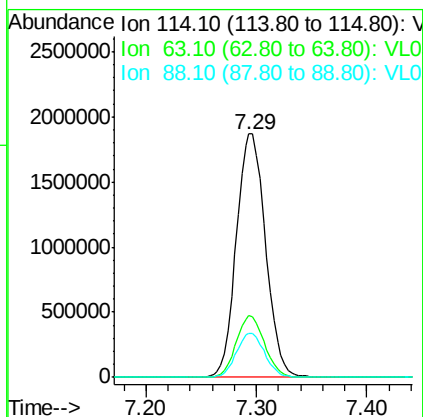
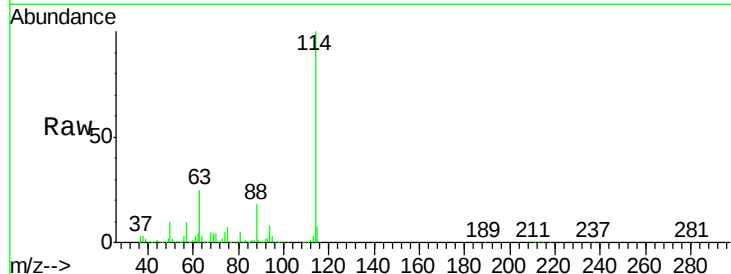
ClientSampleId :

IA1DL

Tgt Ion:	114	Resp:	3426867
Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.1	30.1
88	17.7	14.2	21.4

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#34

2-Butanone

Concen: 0.172 ppbv m

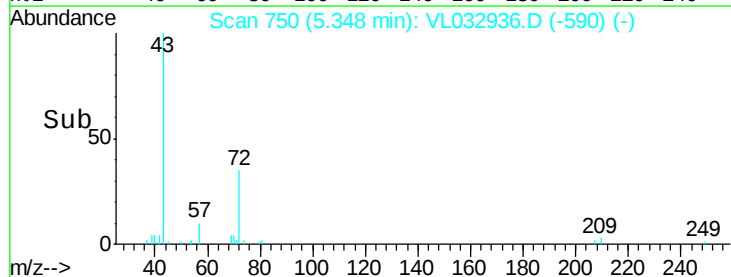
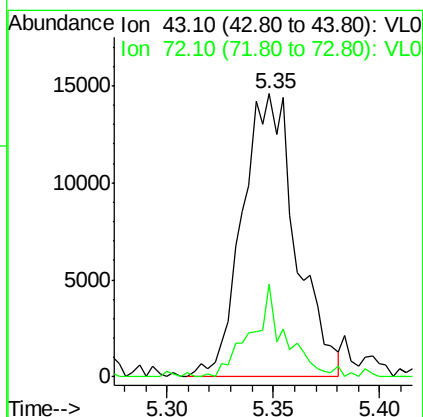
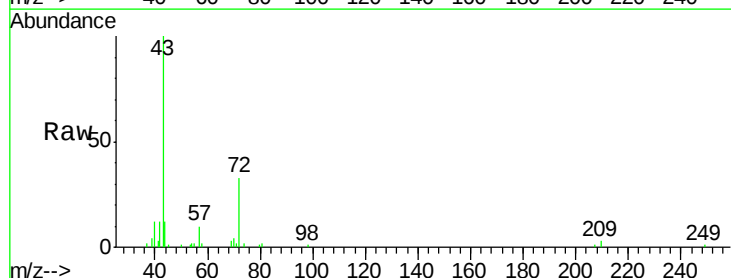
RT: 5.35 min Scan# 750

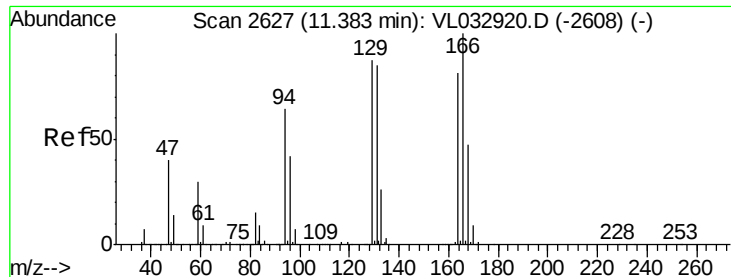
Delta R.T. 0.01 min

Lab File: VL032936.D

Acq: 7 Dec 2018 15:52

Tgt Ion:	43	Resp:	25638
Ion	Ratio	Lower	Upper
43	100		
72	22.0	18.8	28.2





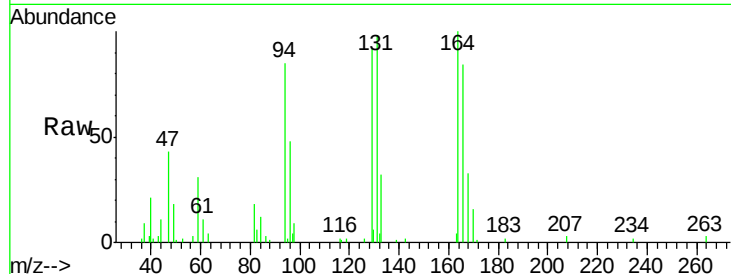
#52
Tetrachloroethene
Concen: 0.253 ppbv m
RT: 11.37 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL032936.D
Acq: 7 Dec 2018 15:52

Instrument :
MSVOA_L
ClientSampled :
IA1DL

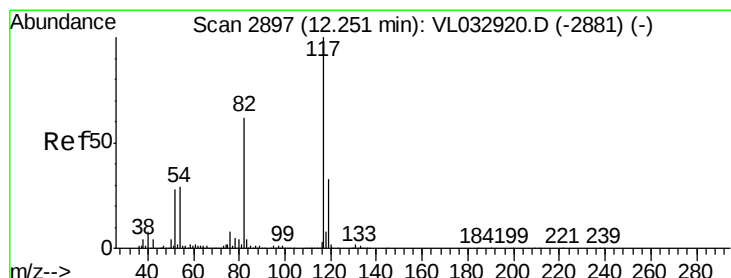
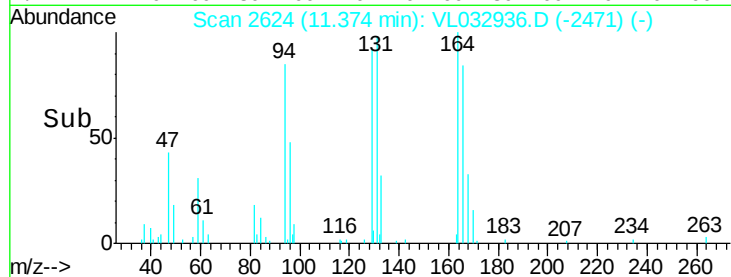
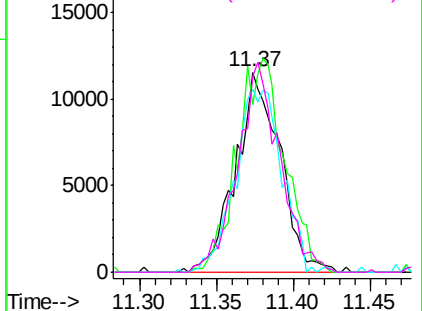
Tgt Ion	Ratio	Lower	Upper
164	100		
166	83.8	98.8	148.2#
129	91.5	85.5	128.3
131	97.9	84.4	126.6

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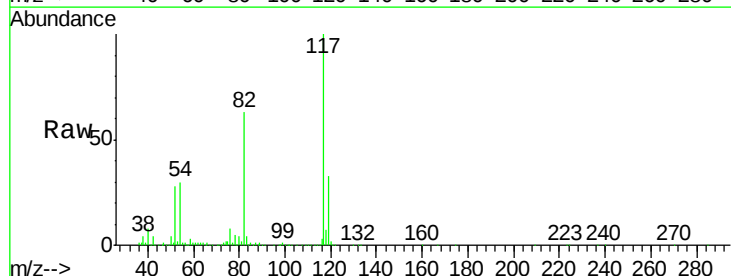


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

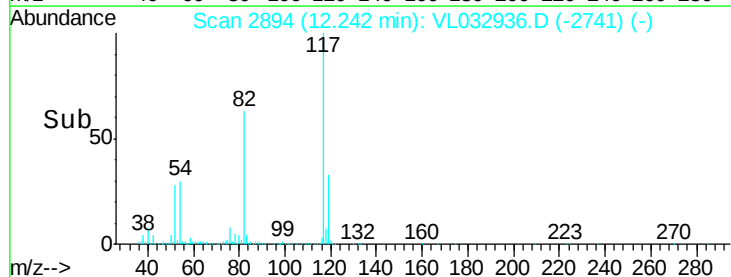
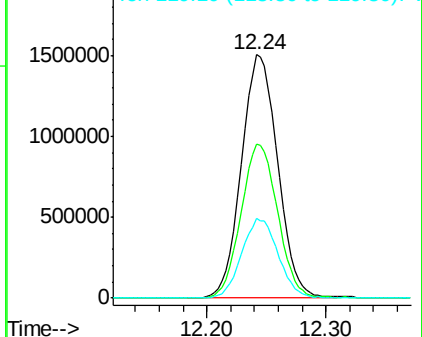


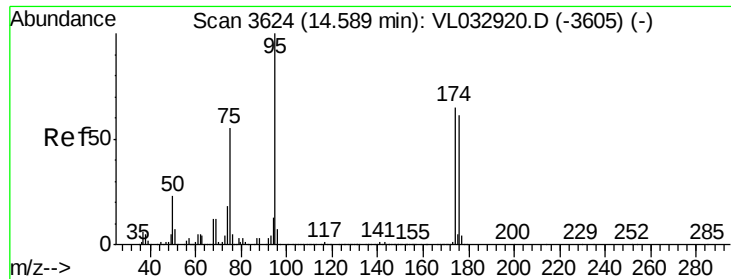
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032936.D
Acq: 7 Dec 2018 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.1	47.8	71.8
119	32.8	43.1	64.7#



Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.174 ppbv
 RT: 14.58 min Scan# 3622
 Delta R.T. -0.01 min
 Lab File: VL032936.D
 Acq: 7 Dec 2018 15:52

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Tgt Ion: 95 Resp: 2393410
 Ion Ratio Lower Upper
 95 100
 174 65.4 51.4 77.0
 175 4.8 3.8 5.6

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