

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
 Data File : VL034275.D
 Acq On : 9 Oct 2019 12:06
 Operator : SY/AP
 Sample : K5243-01DL2 200X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Manual Integrations
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 10/11/2019 5:08:48 PM

Quant Time: Oct 10 02:29:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	981176	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1826397	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1856288	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.49	95	1589032	9.85	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.60	45	9062m	0.659	ppbv	
15) Acetone	3.84	43	328397	2.497	ppbv	98
19) Isopropyl Alcohol	3.97	45	252754	3.126	ppbv #	97
26) Hexane	5.70	57	70118	0.678	ppbv #	43
34) 2-Butanone	5.27	43	22396	0.120	ppbv #	91
38) Trichloroethene	7.87	130	51837m	0.719	ppbv	
52) Tetrachloroethene	11.28	164	374203	5.615	ppbv	96

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

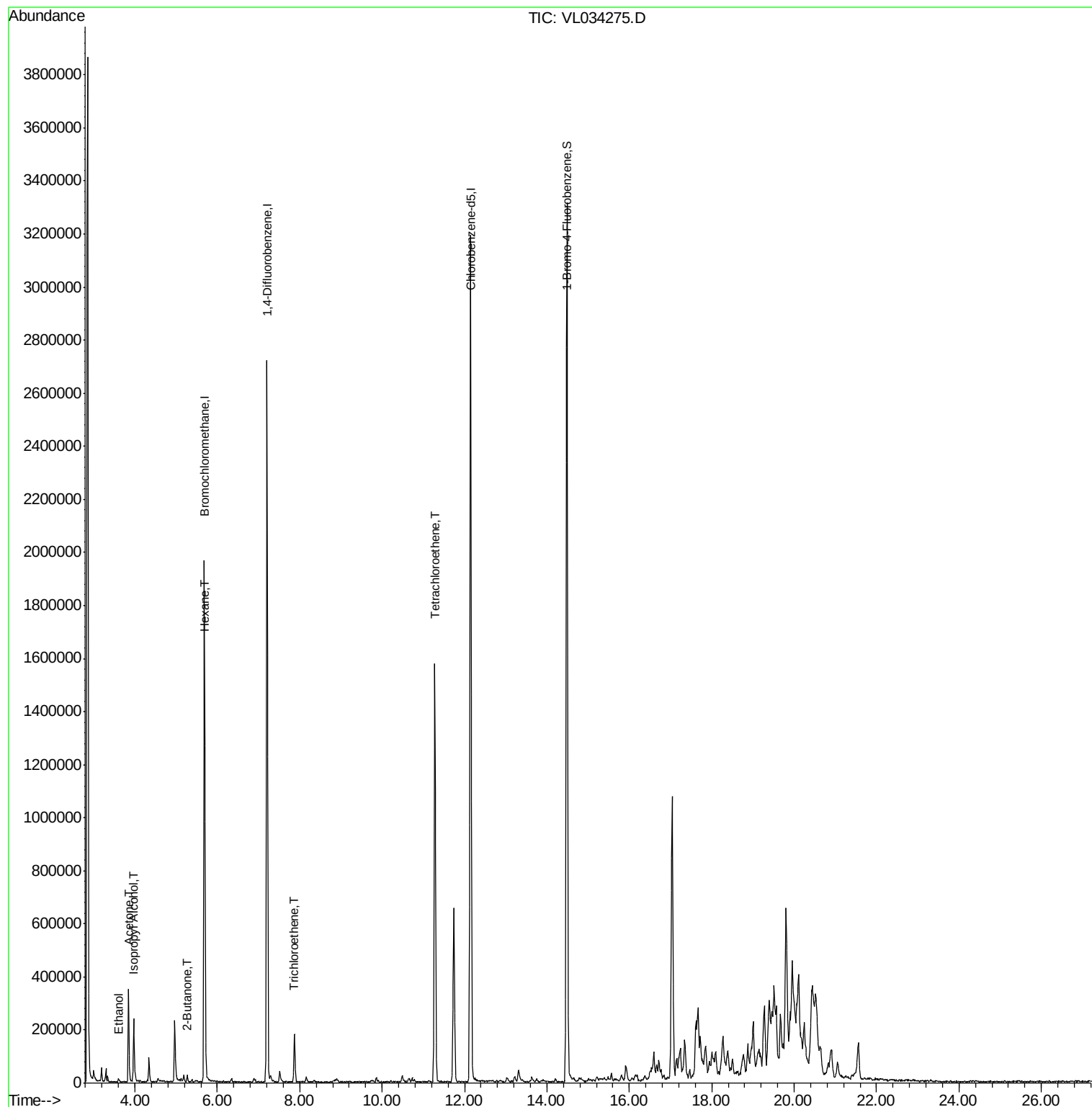
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
Data File : VL034275.D
Acq On : 9 Oct 2019 12:06
Operator : SY/AP
Sample : K5243-01DL2 200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

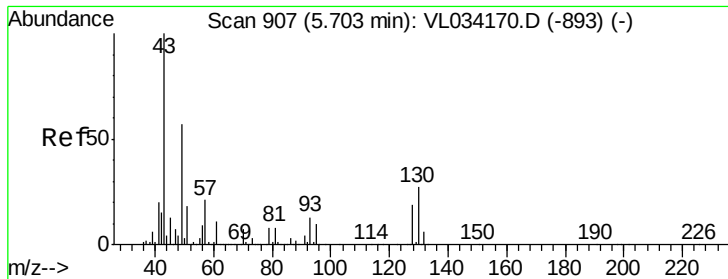
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

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Quant Time: Oct 10 02:29:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.02 min

Lab File: VL034275.D

Acq: 9 Oct 2019 12:06

Instrument :

MSVOA_L

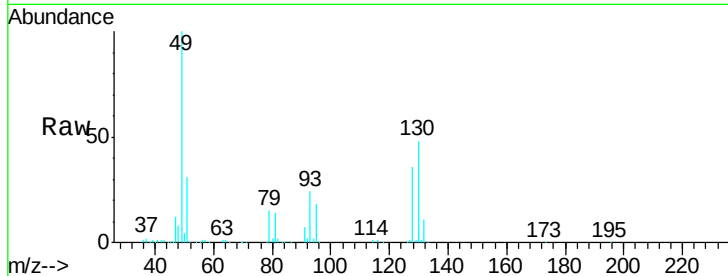
ClientSampled :

SV1DL2

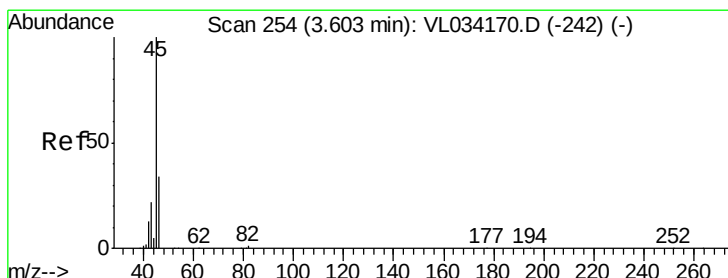
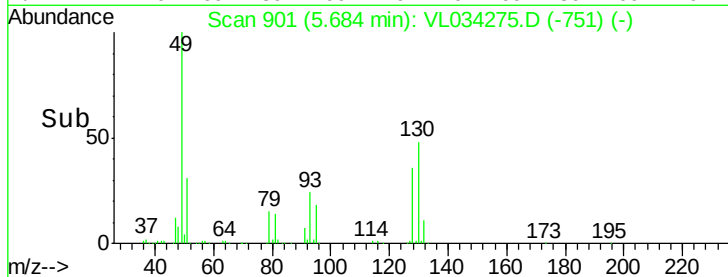
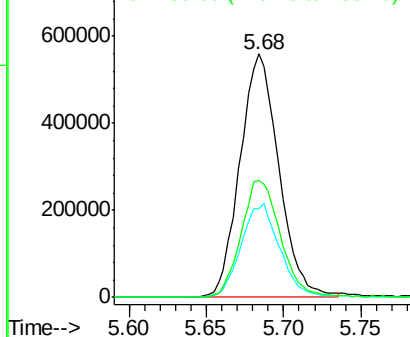
Tgt Ion:	49	Resp:	981176
Ion Ratio	Lower	Upper	
49	100		
128	38.5	17.6	52.9
130	49.0	22.3	66.9

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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



#13

Ethanol

Concen: 0.659 ppbv m

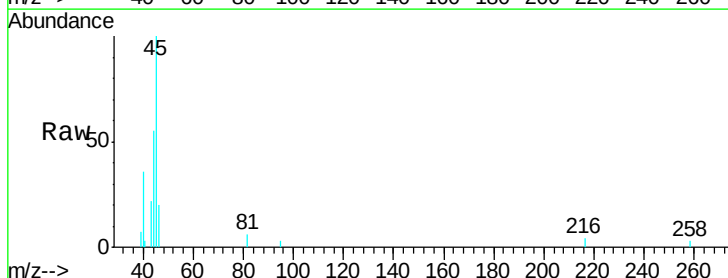
RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

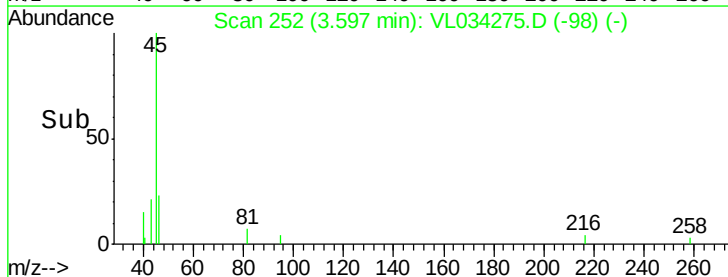
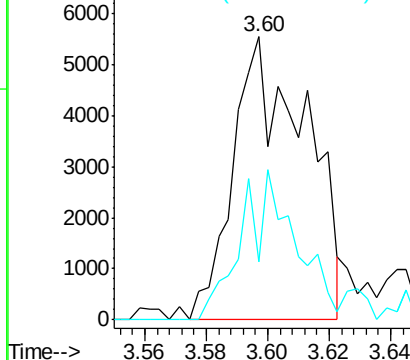
Lab File: VL034275.D

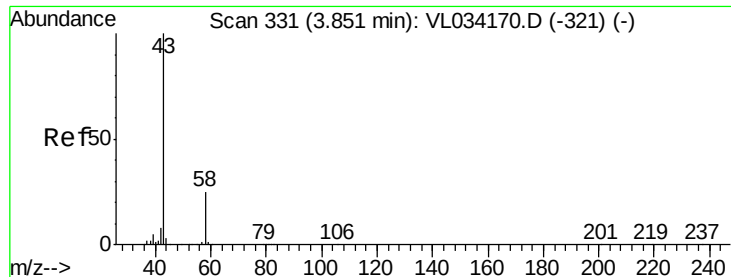
Acq: 9 Oct 2019 12:06

Tgt Ion:	45	Resp:	9062
Ion Ratio	Lower	Upper	
45	100		
46	45.0	15.5	61.9



Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 46.10 (45.80 to 46.80): VL0





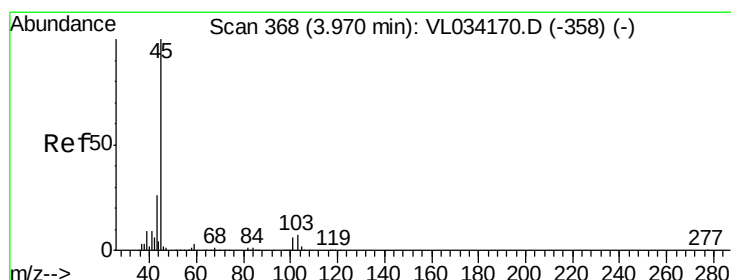
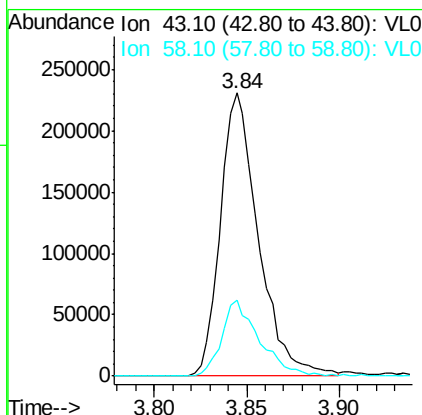
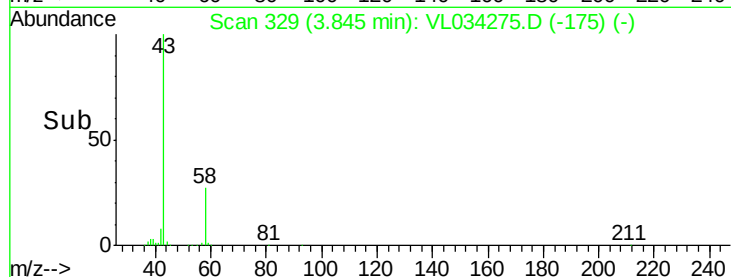
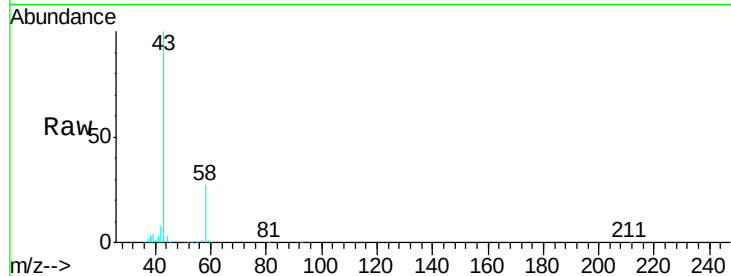
#15
Acetone
Concen: 2.497 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL034275.D
Acq: 9 Oct 2019 12:06

Instrument :
MSVOA_L
ClientSampleID :
SV1DL2

Tgt Ion: 43 Resp: 328397
Ion Ratio Lower Upper
43 100
58 26.8 20.5 30.7

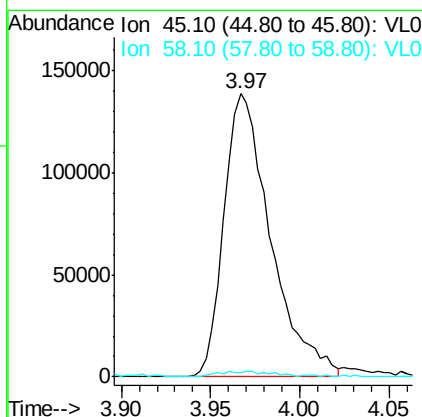
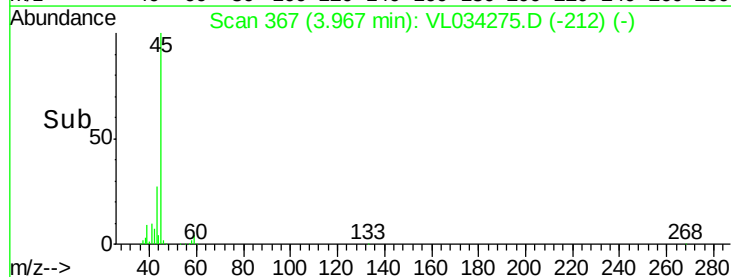
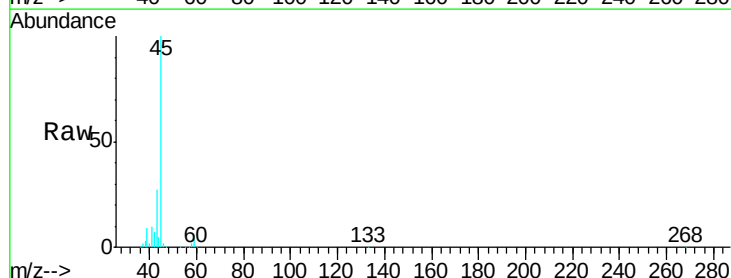
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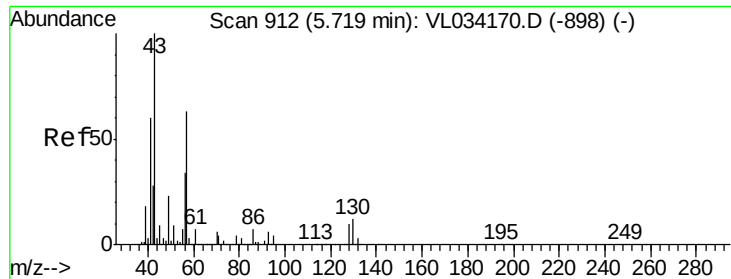
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#19
Isopropyl Alcohol
Concen: 3.126 ppbv
RT: 3.97 min Scan# 367
Delta R.T. -0.00 min
Lab File: VL034275.D
Acq: 9 Oct 2019 12:06

Tgt Ion: 45 Resp: 252754
Ion Ratio Lower Upper
45 100
58 2.7 1.4 2.0#





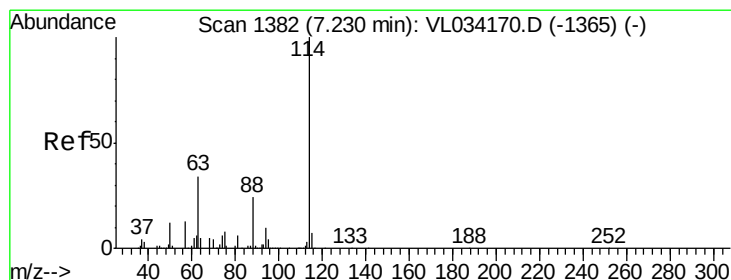
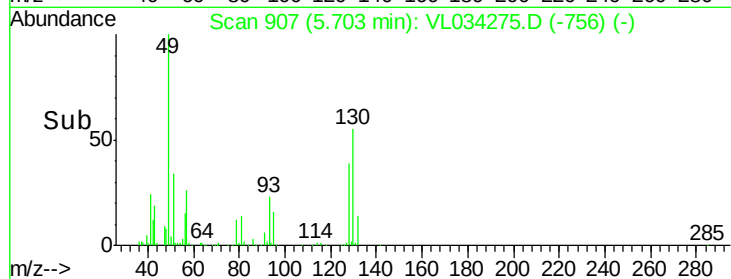
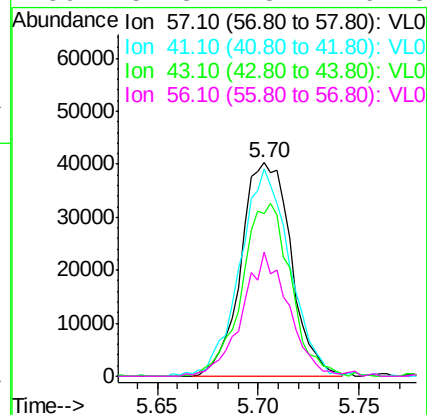
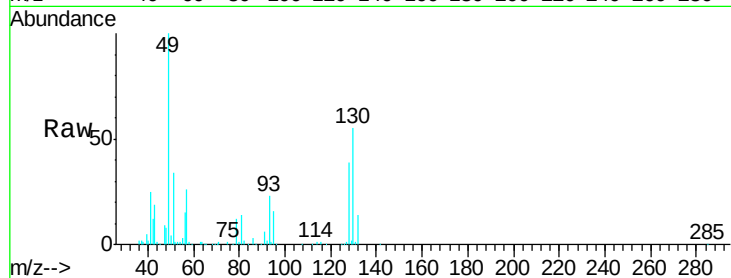
#26
Hexane
Concen: 0.678 ppbv
RT: 5.70 min Scan# 907
Delta R.T. -0.02 min
Lab File: VL034275.D
Acq: 9 Oct 2019 12:06

Instrument :
MSVOA_L
ClientSampleID :
SV1DL2

Tgt Ion	Ratio	Lower	Upper
57	100		
41	96.9	78.5	117.7
43	79.1	189.5	284.3#
56	54.3	43.2	64.8

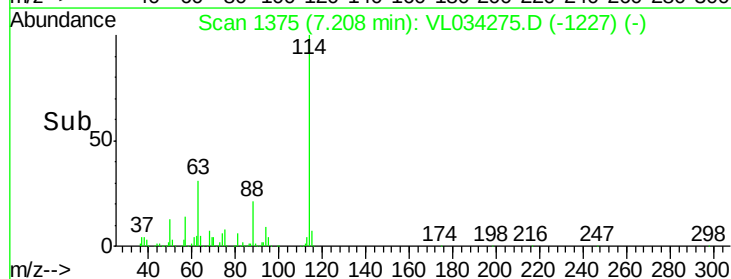
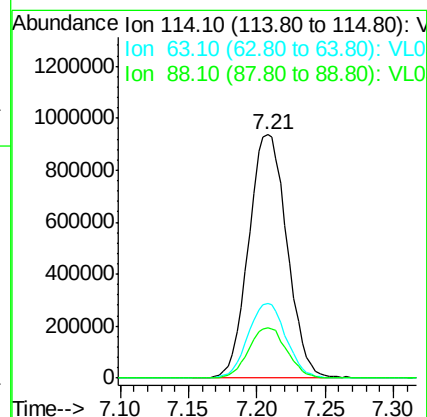
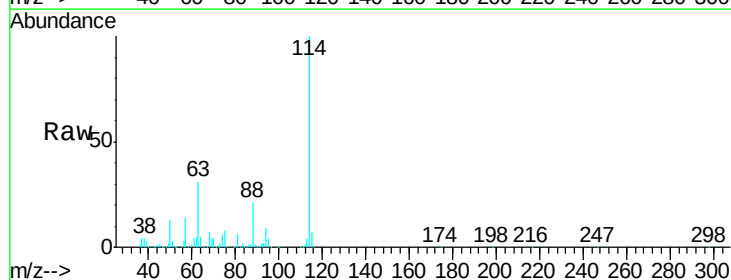
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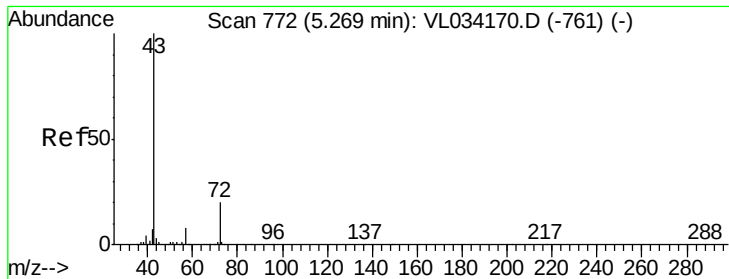
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. -0.02 min
Lab File: VL034275.D
Acq: 9 Oct 2019 12:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	30.6	27.8	41.6
88	20.6	17.1	25.7





#34

2-Butanone

Concen: 0.120 ppbv

RT: 5.27 min Scan# 772

Delta R.T. 0.00 min

Lab File: VL034275.D

Acq: 9 Oct 2019 12:06

Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

Tgt Ion: 43 Resp: 22396

Ion Ratio Lower Upper

43 100

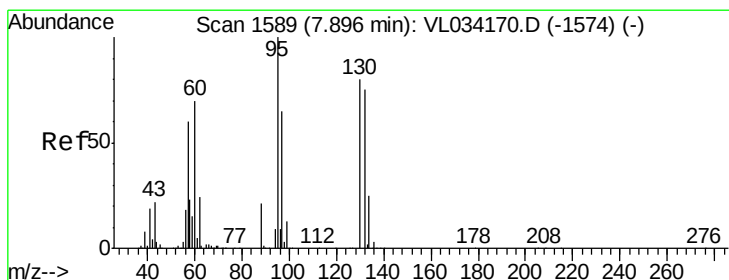
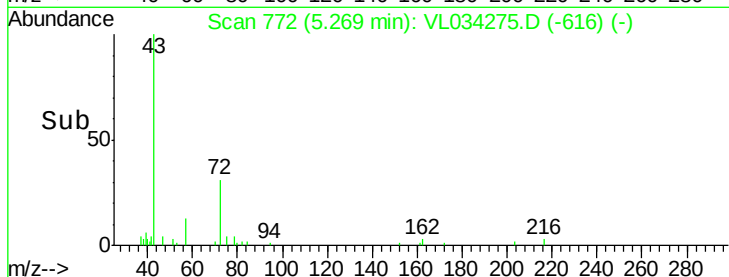
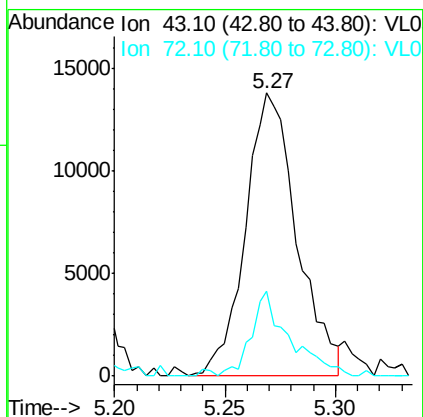
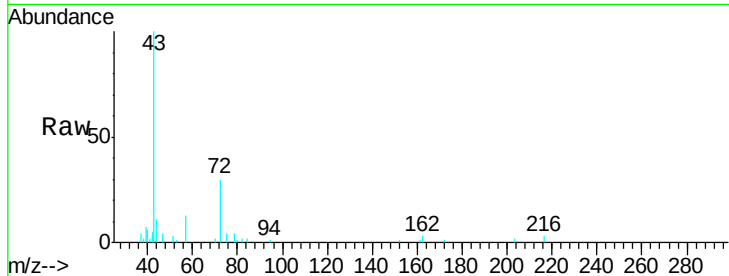
72 22.9 15.0 22.6#

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#38

Trichloroethene

Concen: 0.719 ppbv m

RT: 7.87 min Scan# 1581

Delta R.T. -0.03 min

Lab File: VL034275.D

Acq: 9 Oct 2019 12:06

Tgt Ion: 130 Resp: 51837

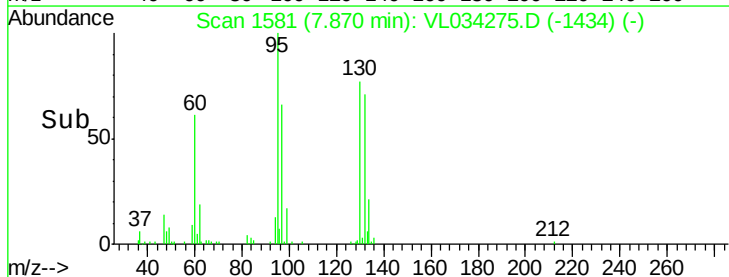
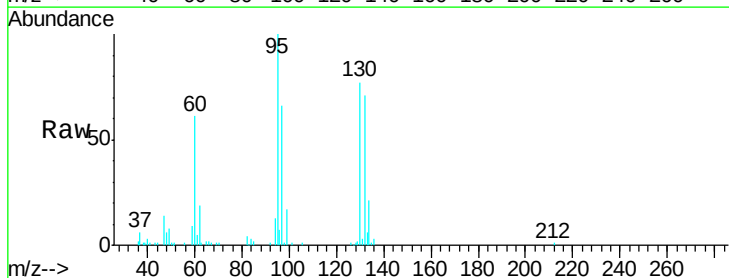
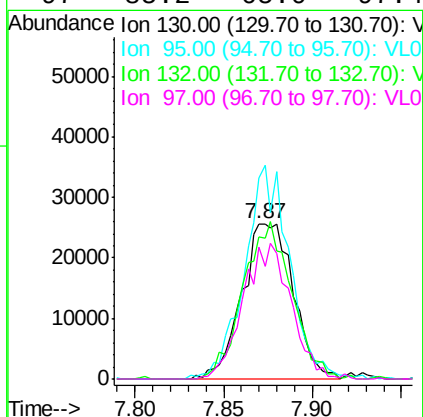
Ion Ratio Lower Upper

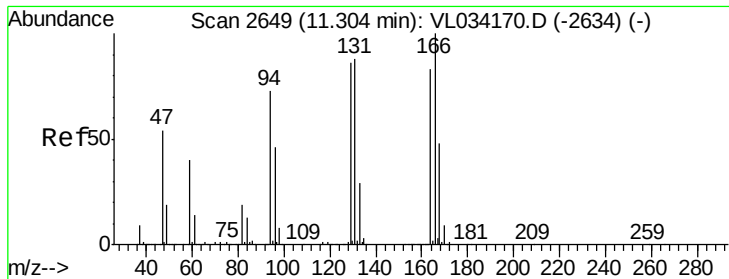
130 100

95 130.0 99.8 149.6

132 91.9 75.2 112.8

97 85.2 65.0 97.4





#52

Tetrachloroethene

Concen: 5.615 ppbv

RT: 11.28 min Scan# 2641

Delta R.T. -0.03 min

Lab File: VL034275.D

Acq: 9 Oct 2019 12:06

Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

Tgt Ion:164 Resp: 374203

Ion Ratio Lower Upper

164 100

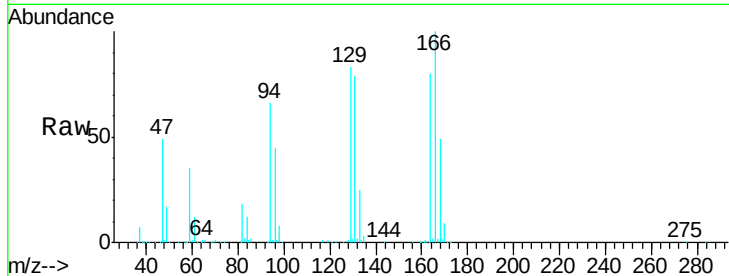
166 124.5 96.7 145.1

129 102.4 82.8 124.2

131 98.0 85.0 127.6

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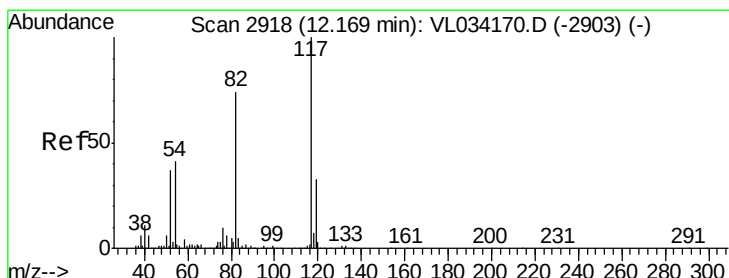
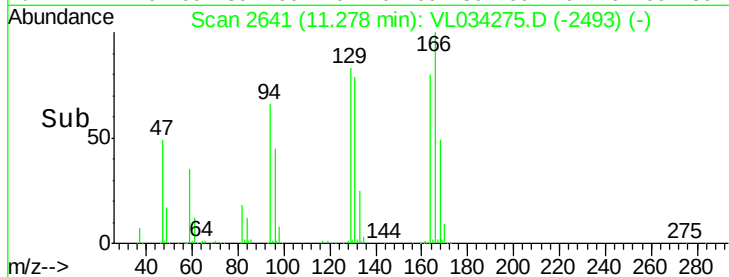
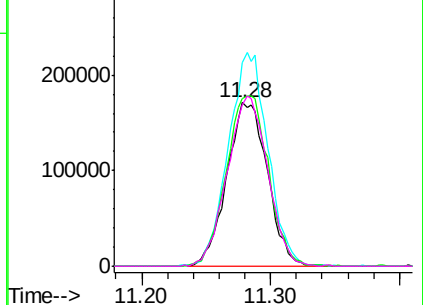


Abundance Ion 163.90 (163.60 to 164.60): V

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: 12.15 min Scan# 2912

Delta R.T. -0.02 min

Lab File: VL034275.D

Acq: 9 Oct 2019 12:06

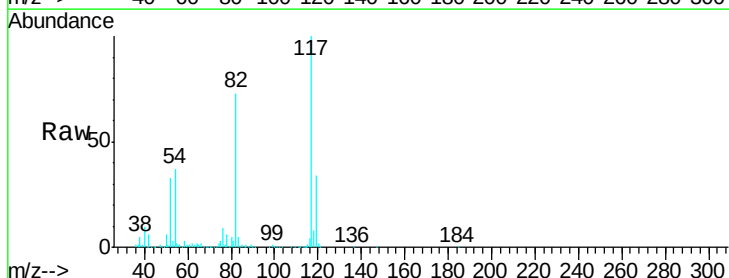
Tgt Ion:117 Resp: 1856288

Ion Ratio Lower Upper

117 100

82 74.2 58.2 87.4

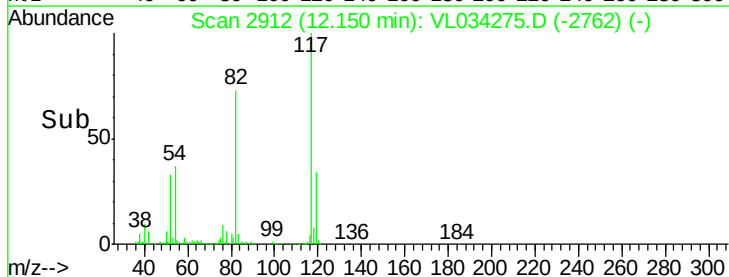
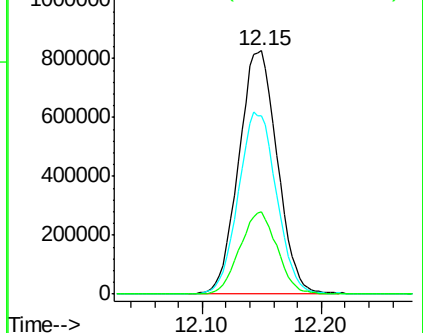
119 32.8 23.7 35.5

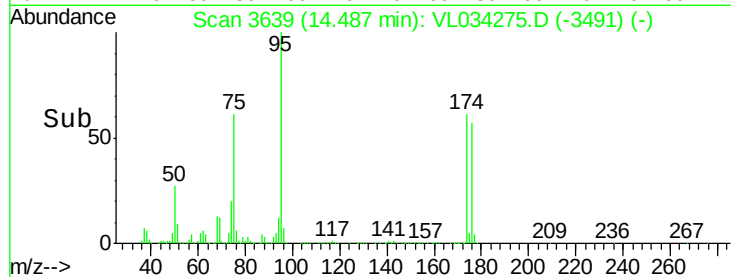
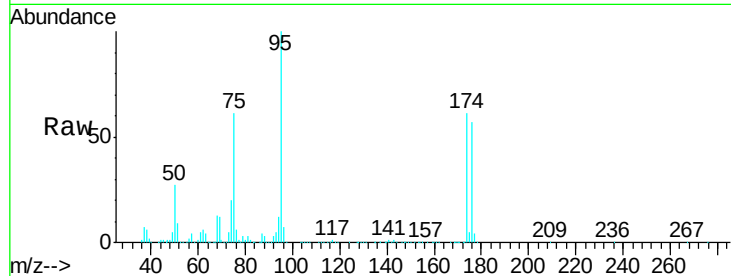
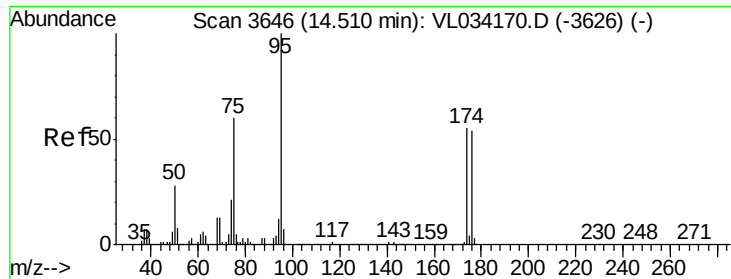


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.852 ppbv
 RT: 14.49 min Scan# 3639
 Delta R.T. -0.02 min
 Lab File: VL034275.D
 Acq: 9 Oct 2019 12:06

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Tgt Ion: 95 Resp: 1589032
 Ion Ratio Lower Upper
 95 100
 174 60.1 45.1 67.7
 175 4.2 3.3 4.9

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