

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\
 Data File : VL034754.D
 Acq On : 29 Feb 2020 2:27
 Operator : SY/AP
 Sample : L1698-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-8-4DL

Manual Integrations
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Quant Time: Mar 02 12:32:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1019523	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2138966	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2155859	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1777688	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	21373	0.465	ppbv	88
13) Ethanol	3.59	45	69852	4.808	ppbv	95
15) Acetone	3.84	43	159078	1.369	ppbv #	76
19) Isopropyl Alcohol	3.96	45	91885	1.328	ppbv #	94
52) Tetrachloroethene	11.25	164	132440	1.956	ppbv	90
53) Toluene	9.83	91	103445	0.526	ppbv	94
59) m/p-Xylene	13.01	91	66478m	0.292	ppbv	

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

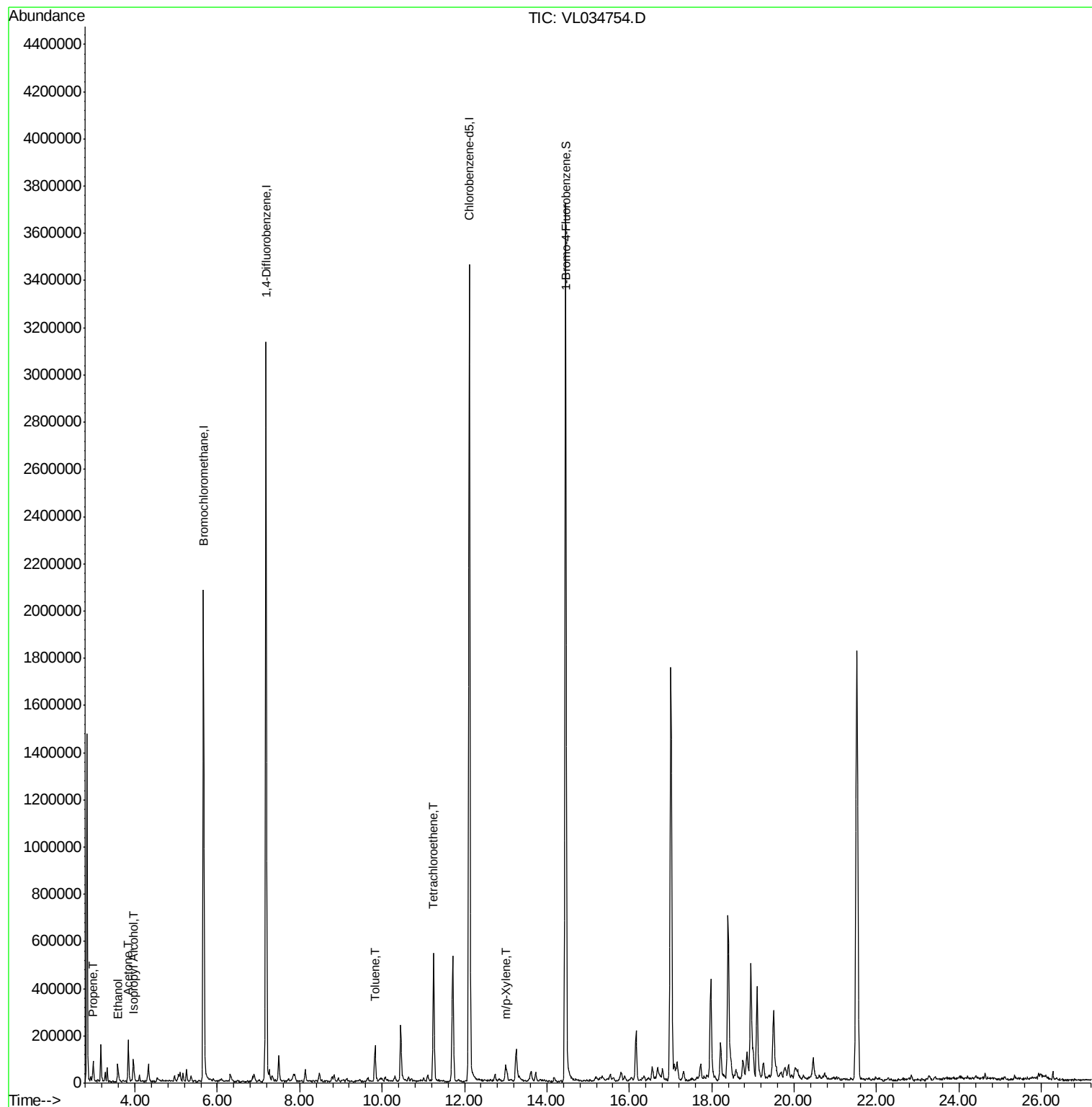
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022820\
Data File : VL034754.D
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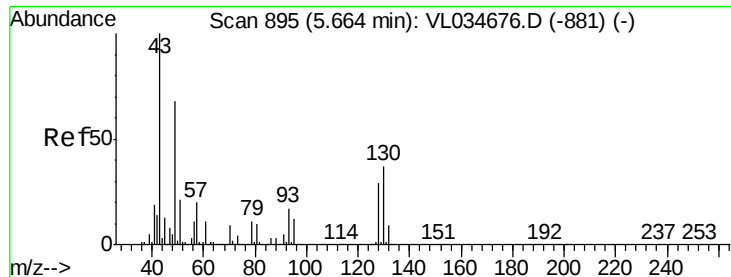
Instrument :
MSVOA_L
ClientSampleId :
SS-8-4DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
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QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL034754.D

Acq: 29 Feb 2020 2:27

Instrument :

MSVOA_L

ClientSampleId :

SS-8-4DL

Tot Ion: 49 Resp: 1019523

Ion Ratio Lower Upper

49 100

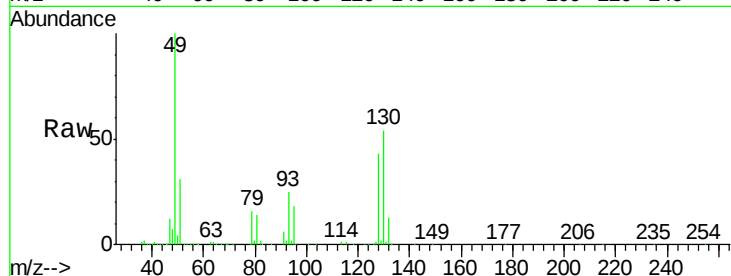
128 43.1 21.6 65.0

130 56.5 27.7 83.1

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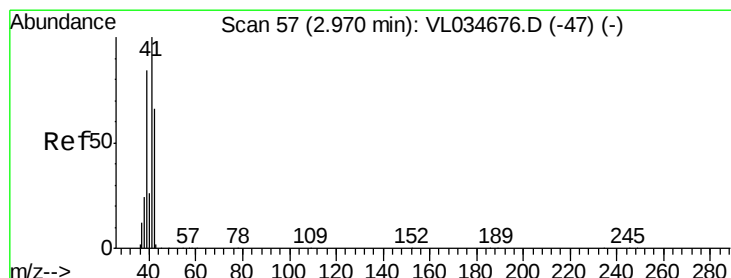
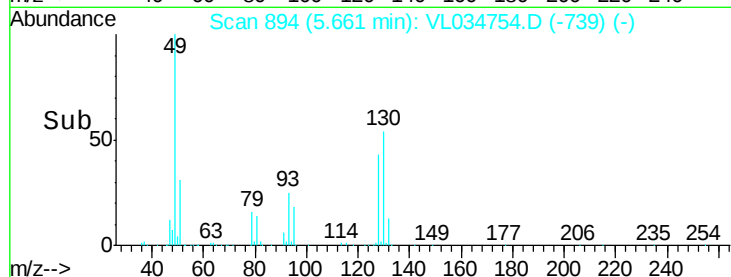
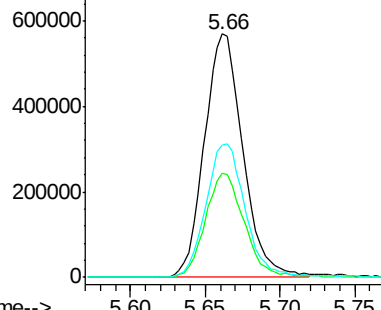
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.465 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.01 min

Lab File: VL034754.D

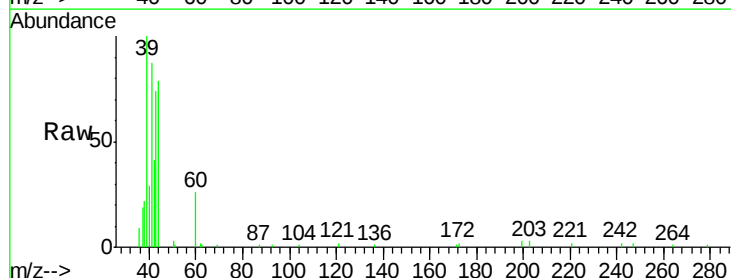
Acq: 29 Feb 2020 2:27

Tgt Ion: 41 Resp: 21373

Ion Ratio Lower Upper

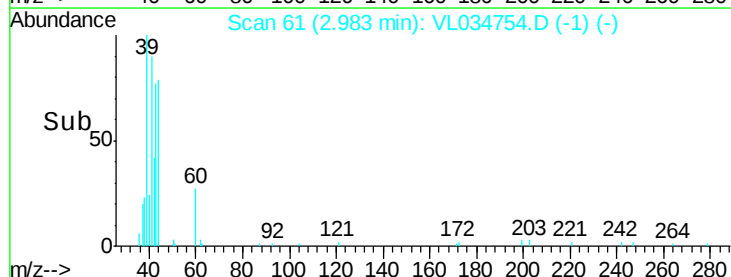
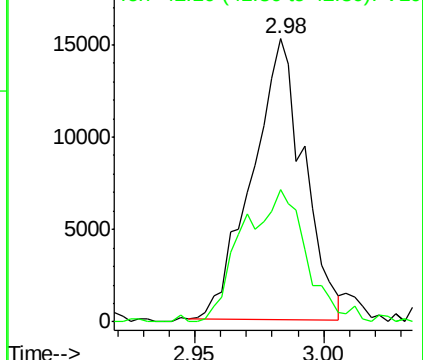
41 100

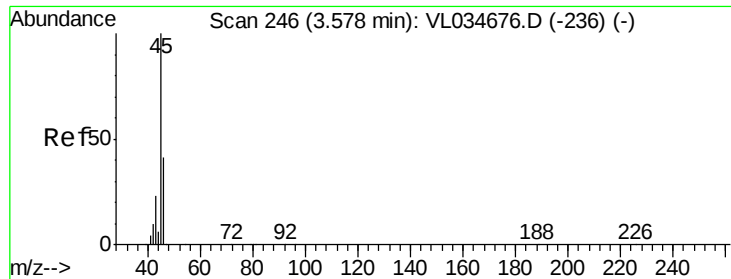
42 59.0 54.9 82.3



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





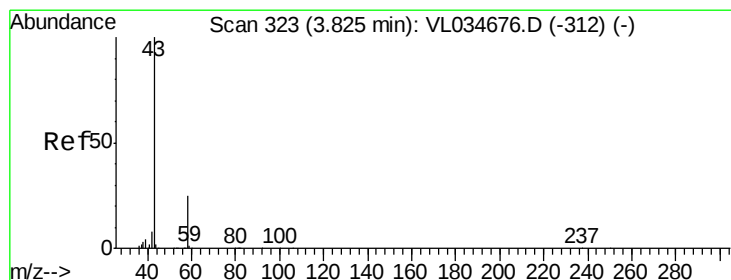
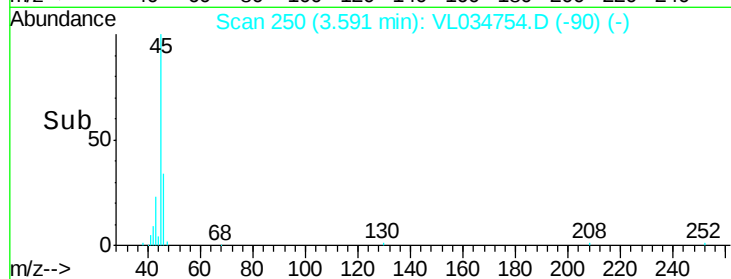
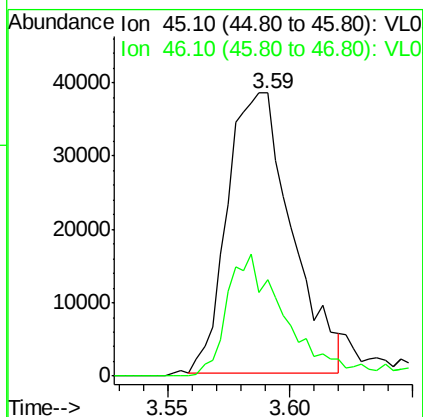
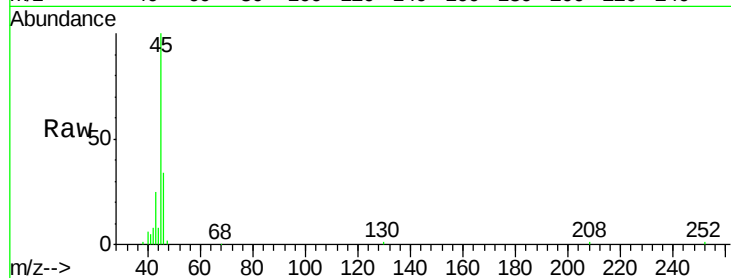
#13
Ethanol
Concen: 4.808 ppbv
RT: 3.59 min Scan# 250
Delta R.T. 0.01 min
Lab File: VL034754.D
Acq: 29 Feb 2020 2:27

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4DL

Tot Ion	45	Resp	69852
Ion Ratio	100	Lower	Upper
46	41.5	15.4	61.4

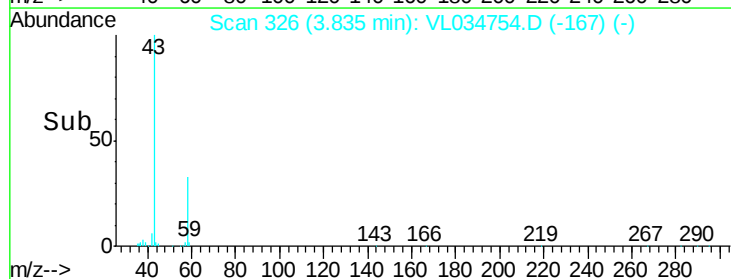
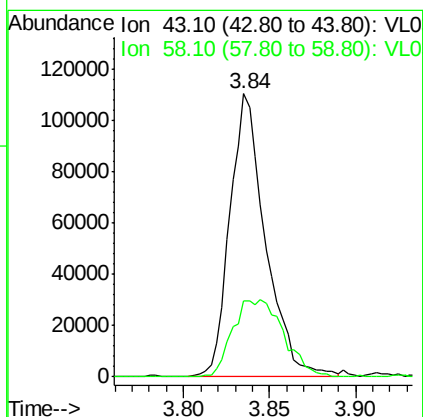
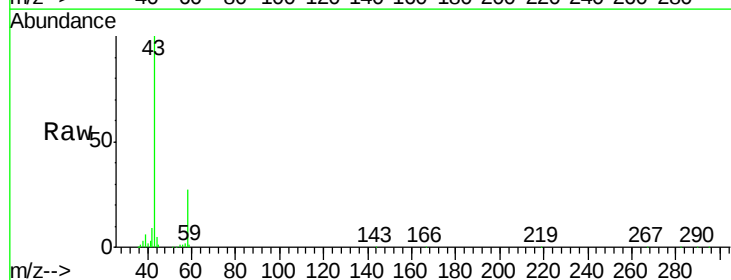
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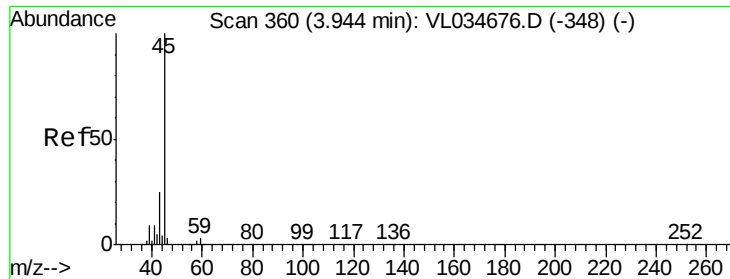
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#15
Acetone
Concen: 1.369 ppbv
RT: 3.84 min Scan# 326
Delta R.T. 0.01 min
Lab File: VL034754.D
Acq: 29 Feb 2020 2:27

Tgt Ion	43	Resp	159078
Ion Ratio	100	Lower	Upper
58	39.1	21.4	32.0#





#19

Isopropyl Alcohol

Concen: 1.328 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.02 min

Lab File: VL034754.D

Acq: 29 Feb 2020 2:27

Instrument :

MSVOA_L

ClientSampleId :

SS-8-4DL

Tot Ion: 45 Resp: 91885

Ion Ratio Lower Upper

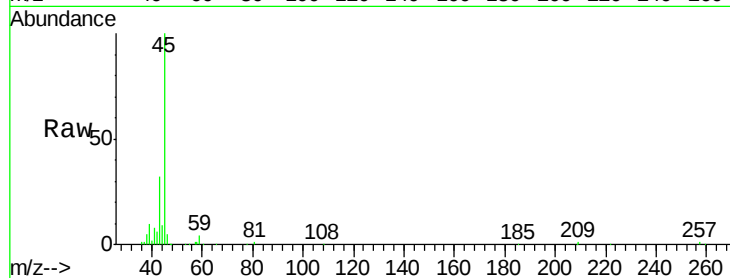
45 100

58 4.4 1.8 2.6#

Manual Integrations
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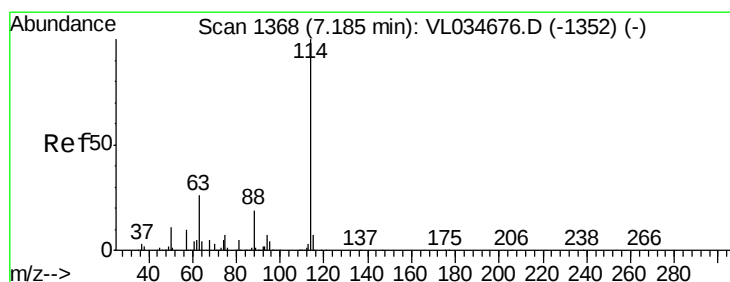
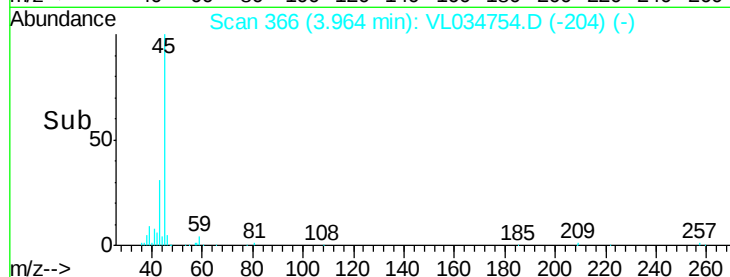
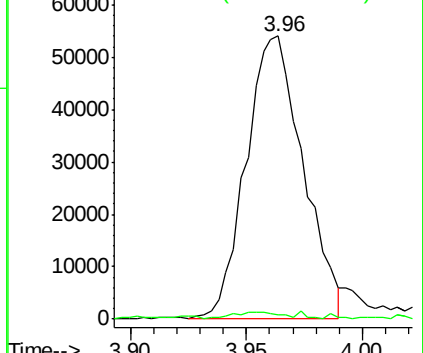
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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VL034754.D

Acq: 29 Feb 2020 2:27

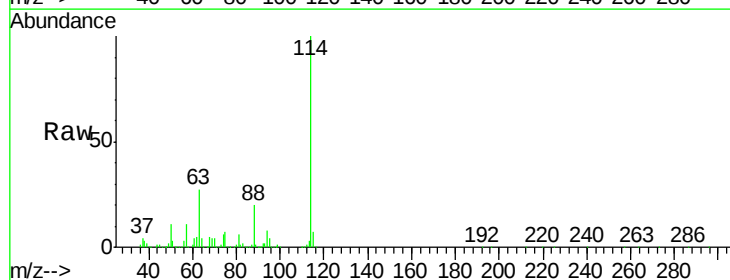
Tgt Ion: 114 Resp: 2138966

Ion Ratio Lower Upper

114 100

63 28.2 22.9 34.3

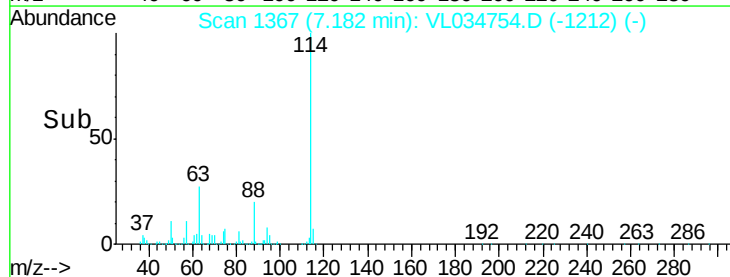
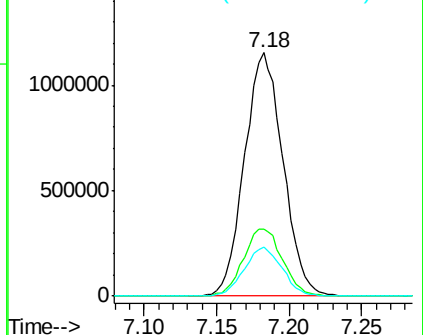
88 19.8 15.8 23.6

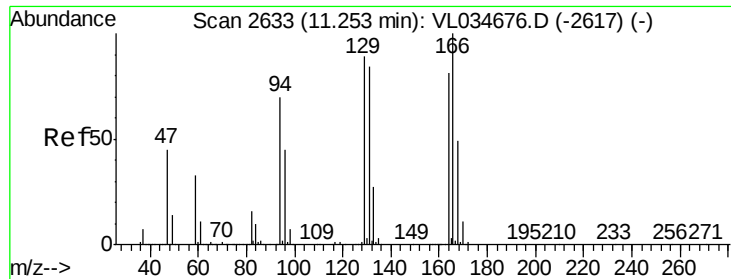


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





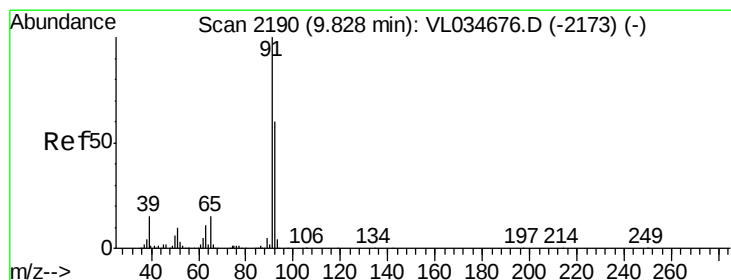
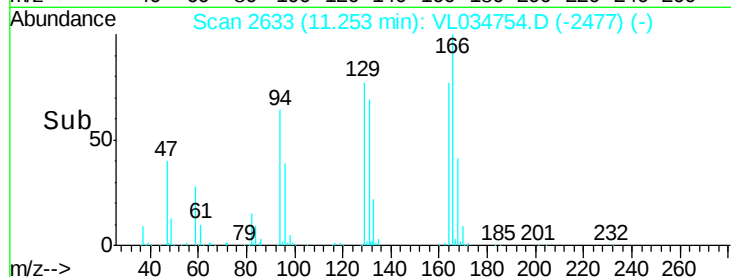
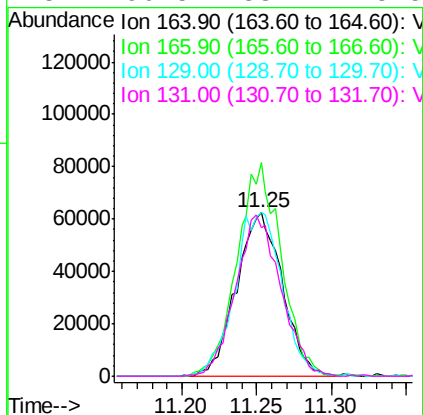
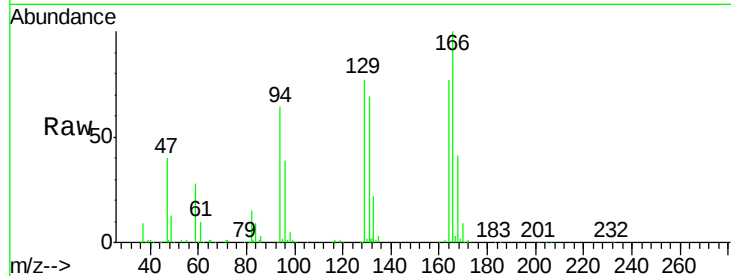
#52
Tetrachloroethene
Concen: 1.956 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. 0.00 min
Lab File: VL034754.D
Acq: 29 Feb 2020 2:27

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	130.8	99.2	148.8	
129	100.0	88.0	132.0	
131	90.5	83.7	125.5	

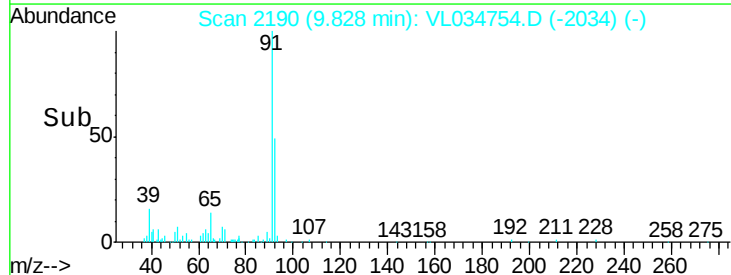
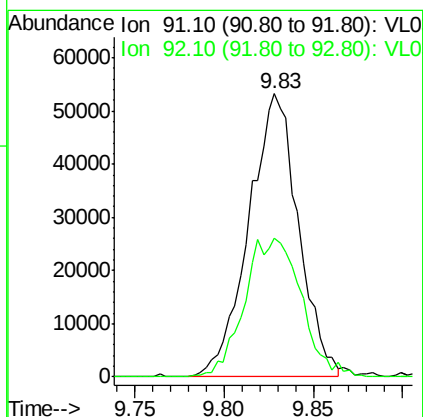
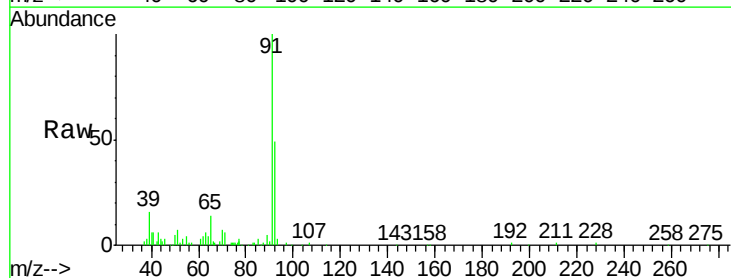
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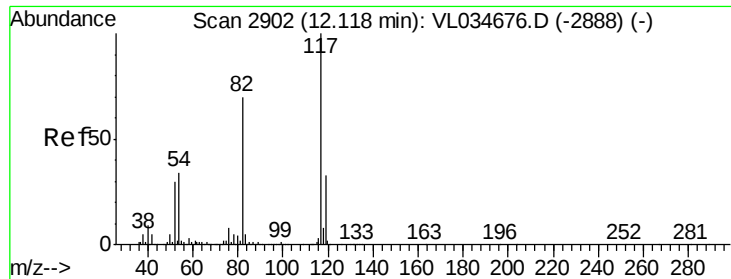
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#53
Toluene
Concen: 0.526 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VL034754.D
Acq: 29 Feb 2020 2:27

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
92	56.1	48.5	72.7	





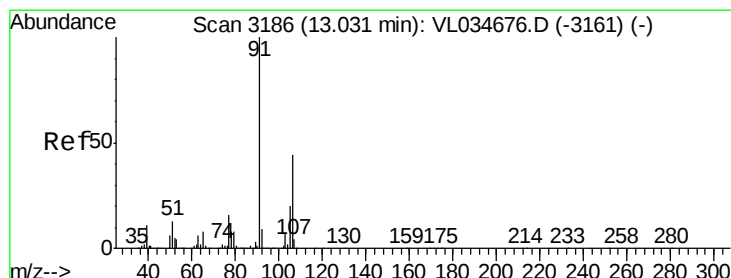
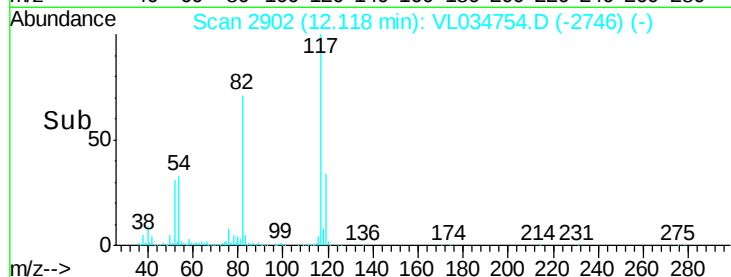
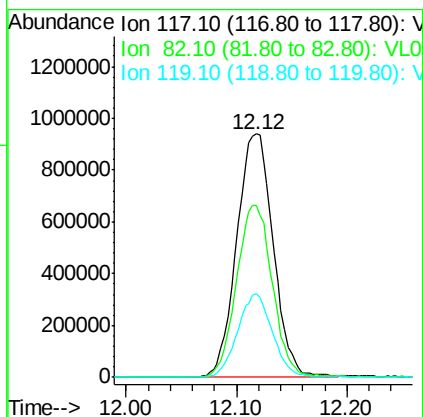
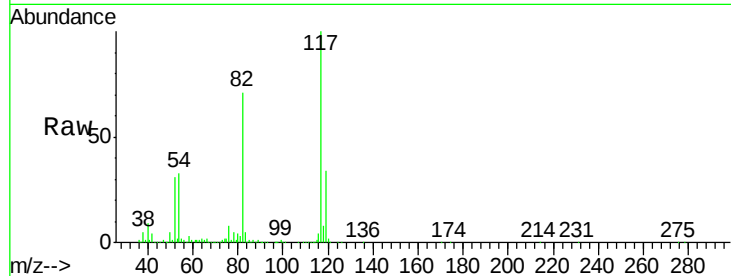
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL034754.D
Acq: 29 Feb 2020 2:27

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.0	54.1	81.1
119	32.8	27.6	41.4

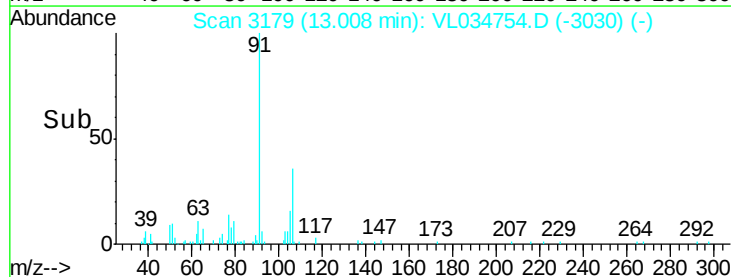
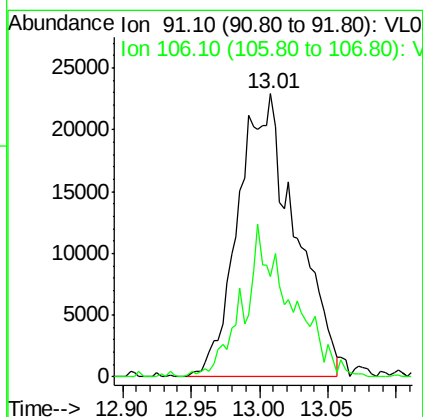
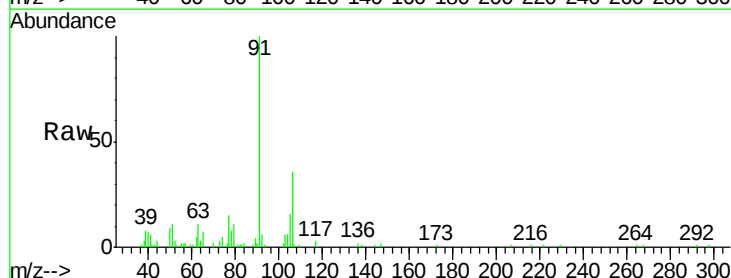
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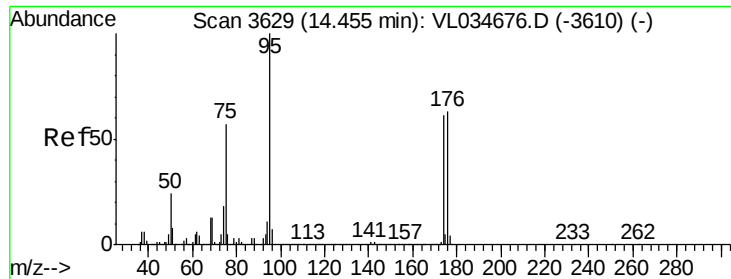
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#59
m/p-Xylene
Concen: 0.292 ppbv m
RT: 13.01 min Scan# 3179
Delta R.T. -0.02 min
Lab File: VL034754.D
Acq: 29 Feb 2020 2:27

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.6	53.4





#68

1-Bromo-4-Fluorobenzene

Concen: 10.056 ppbv

RT: 14.45 min Scan# 3628

Delta R.T. -0.00 min

Lab File: VL034754.D

Acq: 29 Feb 2020 2:27

Instrument :

MSVOA_L

ClientSampleId :

SS-8-4DL

Tot Ion: 95 Resp: 1777688

Ion Ratio Lower Upper

95 100

174 65.7 50.7 76.1

175 5.0 3.9 5.9

Manual Integrations

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