

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072920\
 Data File : VL035256.D
 Acq On : 29 Jul 2020 21:28
 Operator : SY/AP
 Sample : L3463-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
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Quant Time: Jul 30 12:02:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1272519	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3003711	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2770320	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2224809	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.57	45	475920m	23.815	ppbv	
15) Acetone	3.83	43	231990	1.367	ppbv	94
19) Isopropyl Alcohol	3.95	45	121399	1.084	ppbv #	93
20) Methylene Chloride	4.33	84	55185	0.714	ppbv	86
52) Tetrachloroethene	11.26	164	53835m	0.676	ppbv	

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

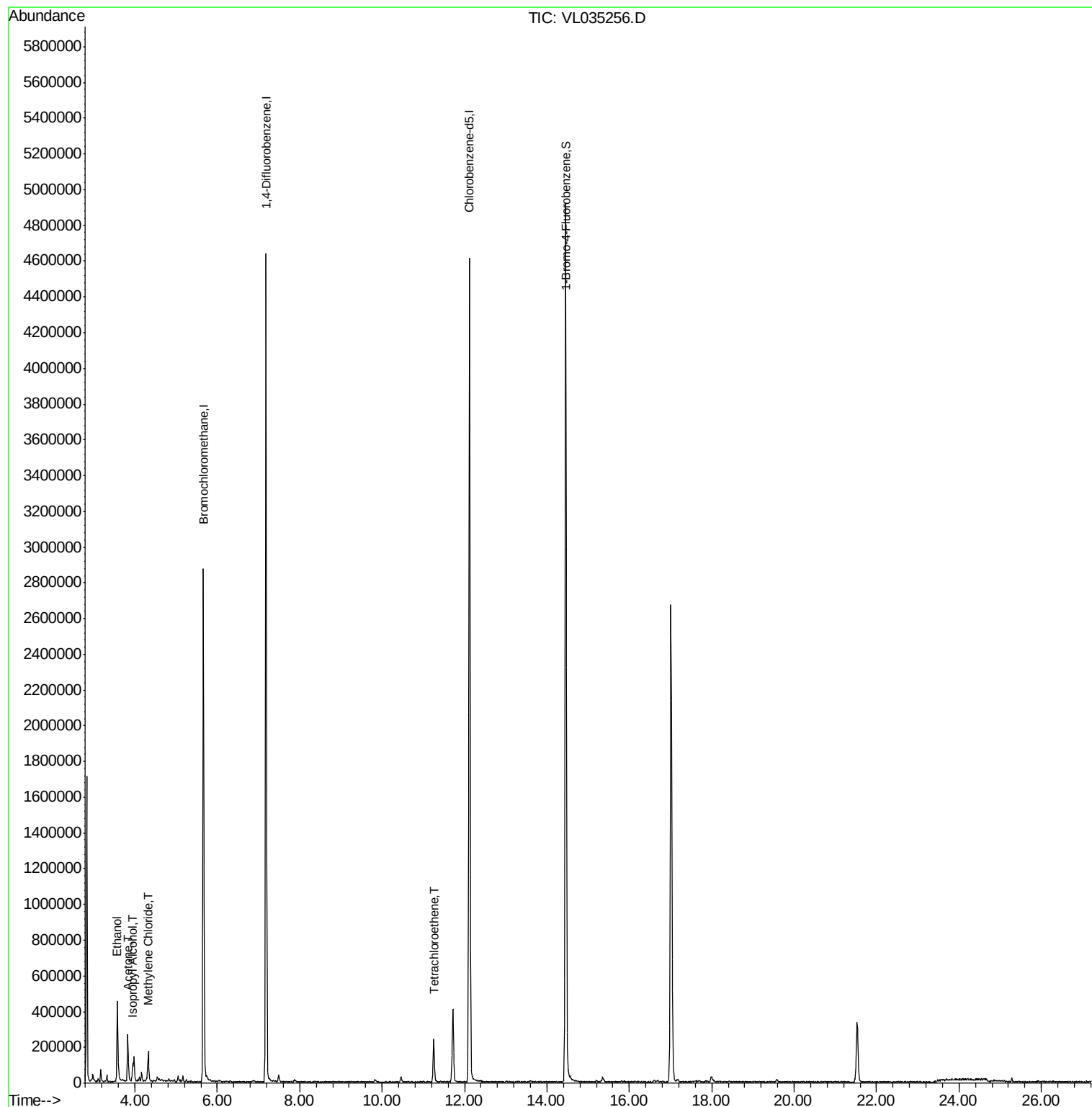
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072920\
Data File : VL035256.D
Acq On : 29 Jul 2020 21:28
Operator : SY/AP
Sample : L3463-02DL 10X
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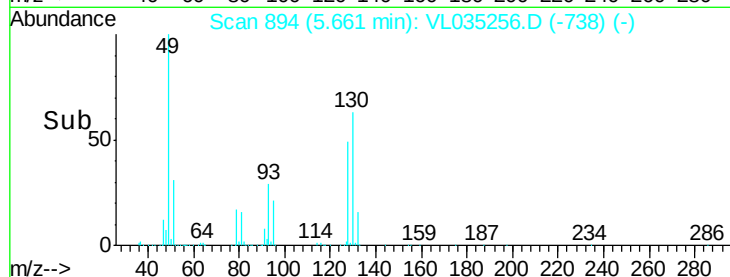
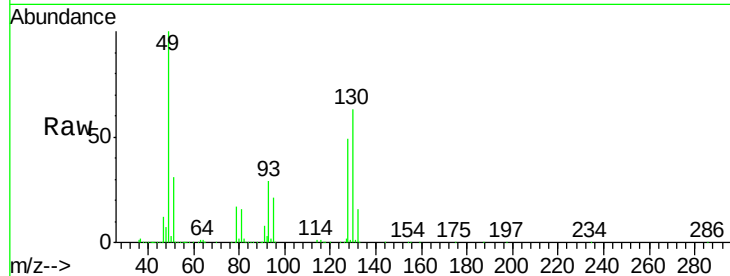
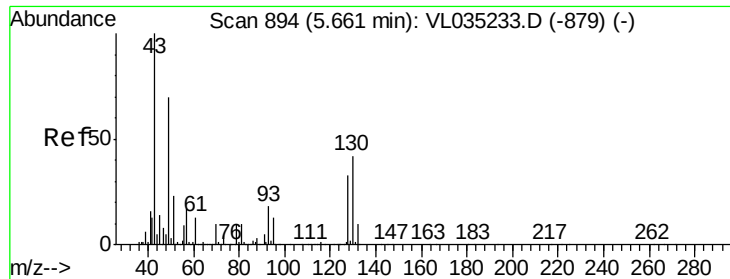
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Jul 30 12:02:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

Lab File: VL035256.D

Acq: 29 Jul 2020 21:28

Tot Ion: 49 Resp: 1272519

Ion Ratio Lower Upper

49 100

128 49.0 24.0 72.0

130 62.5 30.7 92.1

Instrument :

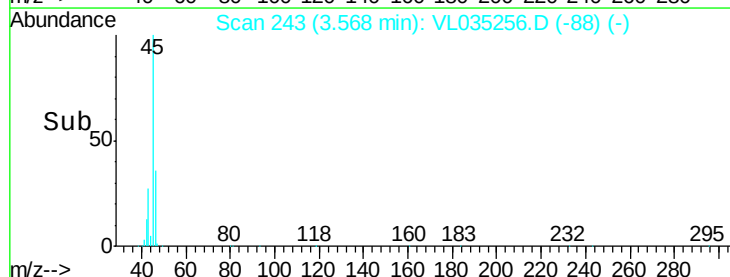
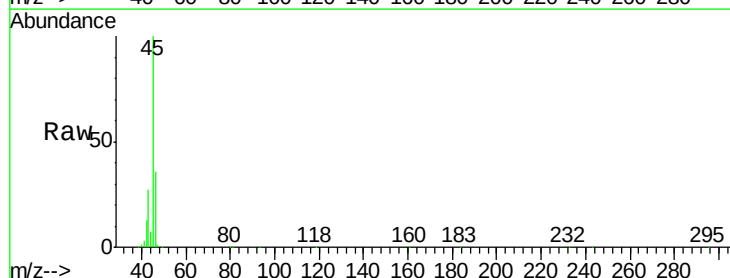
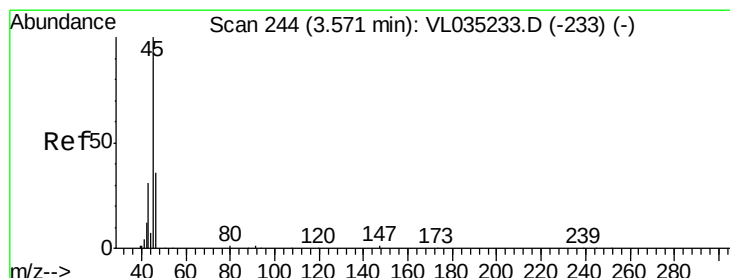
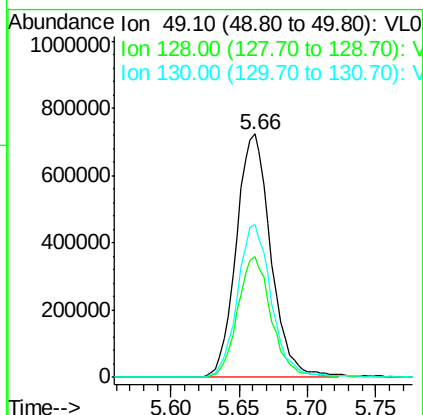
MSVOA_L

ClientSampled :

IA2DL

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#13

Ethanol

Concen: 23.815 ppbv m

RT: 3.57 min Scan# 243

Delta R.T. -0.00 min

Lab File: VL035256.D

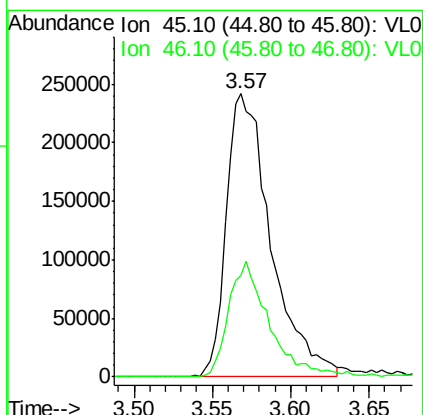
Acq: 29 Jul 2020 21:28

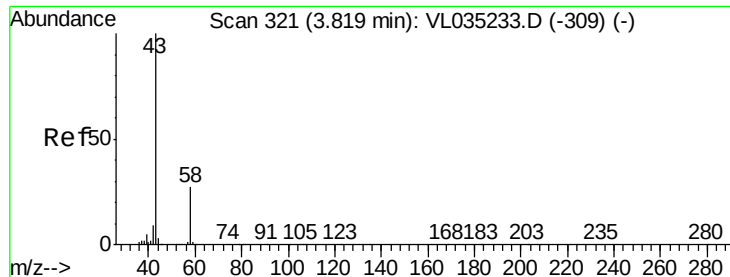
Tgt Ion: 45 Resp: 475920

Ion Ratio Lower Upper

45 100

46 37.6 15.8 63.4





#15

Acetone

Concen: 1.367 ppbv

RT: 3.83 min Scan# 323

Delta R.T. 0.01 min

Lab File: VL035256.D

Acq: 29 Jul 2020 21:28

Instrument :

MSVOA_L

ClientSampleId :

IA2DL

Tot Ion: 43 Resp: 231990

Ion Ratio Lower Upper

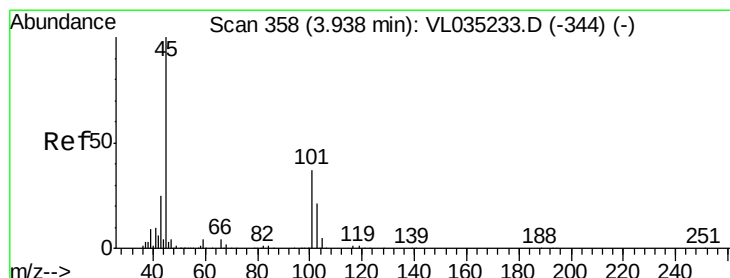
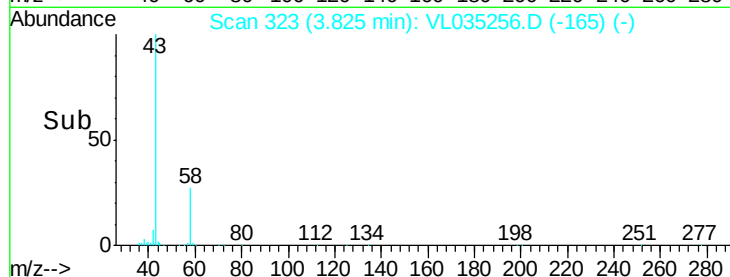
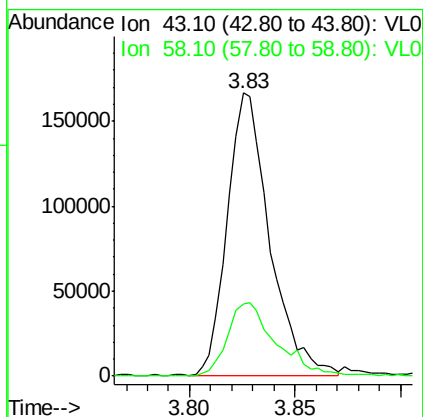
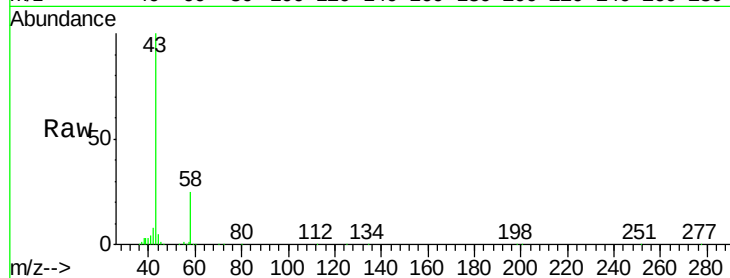
43 100

58 30.3 21.8 32.6

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#19

Isopropyl Alcohol

Concen: 1.084 ppbv

RT: 3.95 min Scan# 361

Delta R.T. 0.01 min

Lab File: VL035256.D

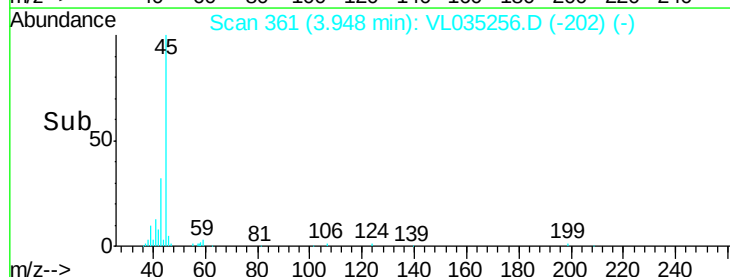
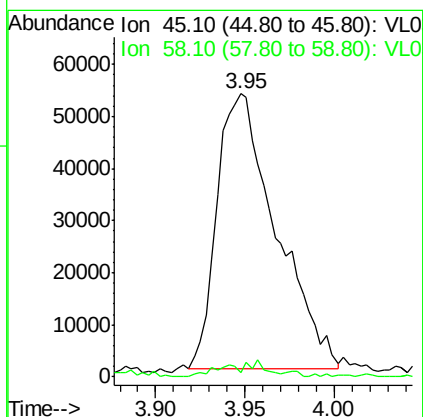
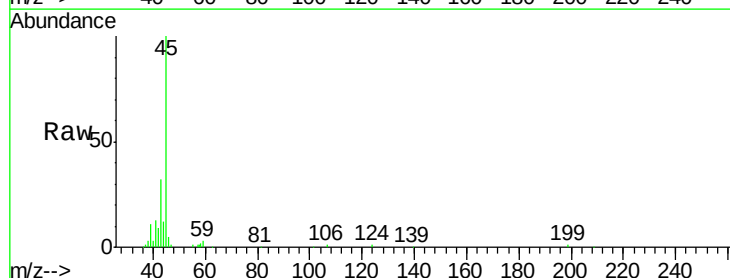
Acq: 29 Jul 2020 21:28

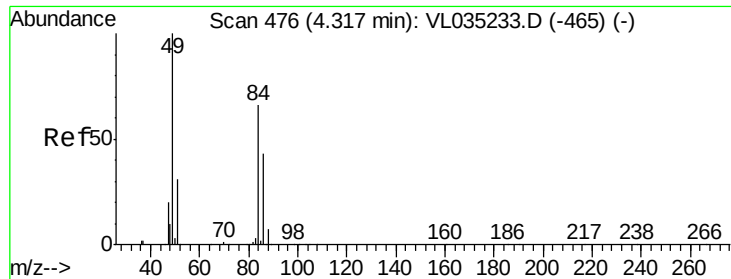
Tgt Ion: 45 Resp: 121399

Ion Ratio Lower Upper

45 100

58 4.8 1.9 2.9#





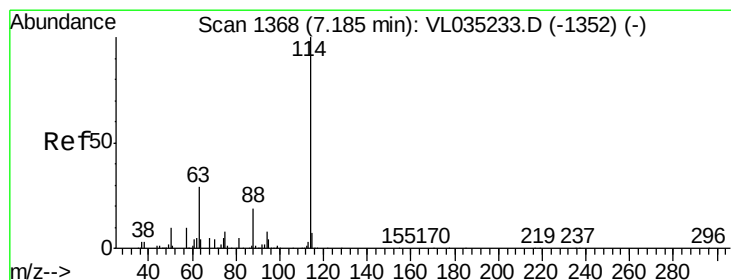
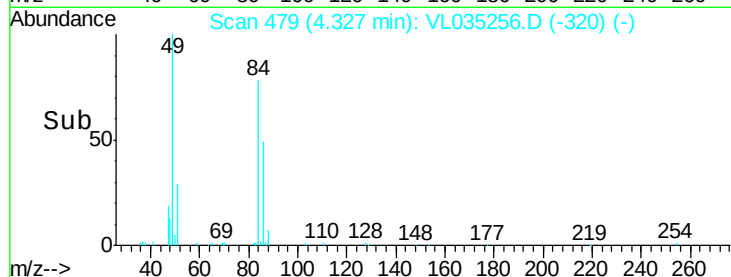
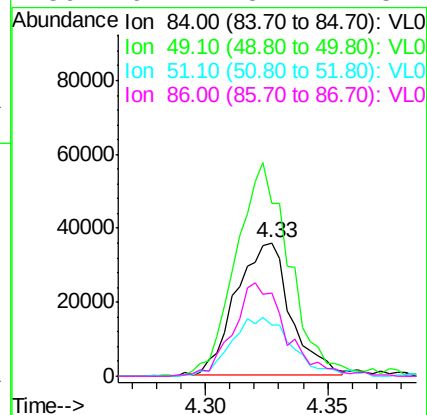
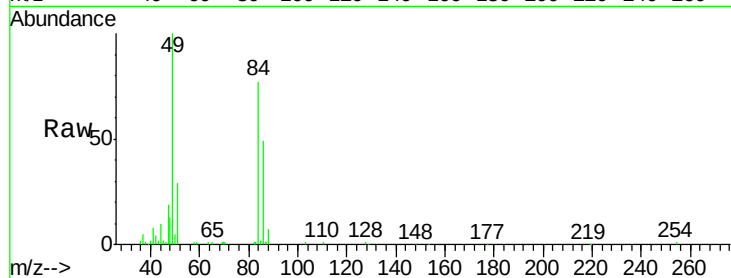
#20
Methylene Chloride
Concen: 0.714 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.01 min
Lab File: VL035256.D
Acq: 29 Jul 2020 21:28

Instrument :
MSVOA_L
ClientSampled :
IA2DL

Tot Ion	Ratio	Lower	Upper
84	100		
49	126.7	121.0	181.4
51	37.8	37.7	56.5
86	62.7	52.2	78.4

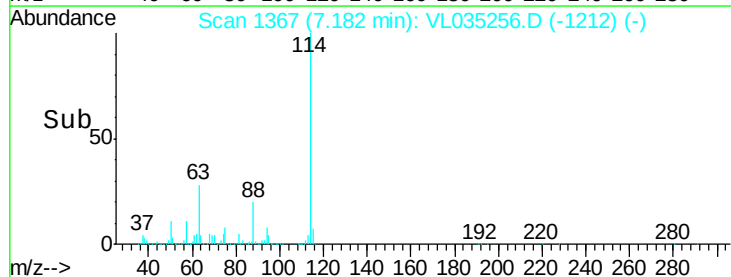
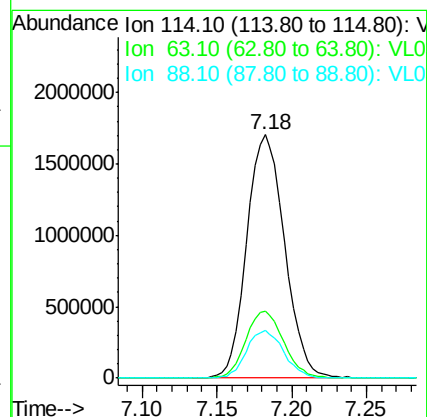
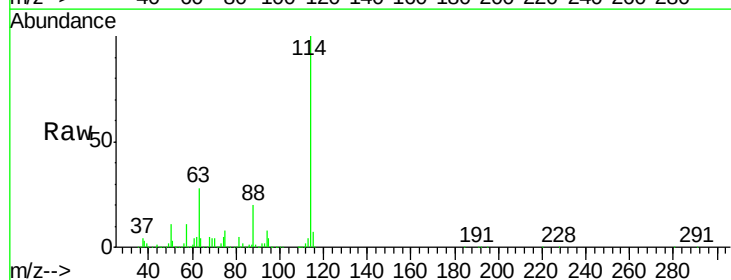
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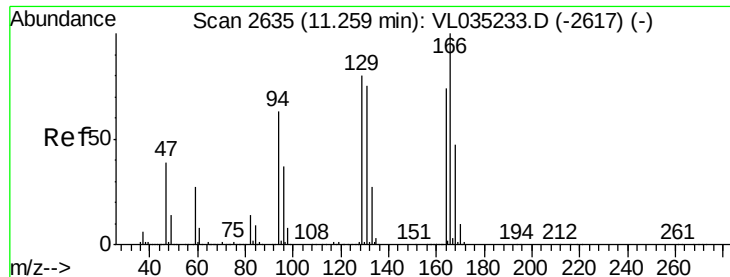
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL035256.D
Acq: 29 Jul 2020 21:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.2	33.2
88	19.3	15.4	23.0





#52

Tetrachloroethene

Concen: 0.676 ppbv

RT: 11.26 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VL035256.D

Acq: 29 Jul 2020 21:28

Instrument :

MSVOA_L

ClientSampled :

IA2DL

Tot Ion:164 Resp: 53835

Ion Ratio Lower Upper

164 100

166 123.1 107.5 161.3

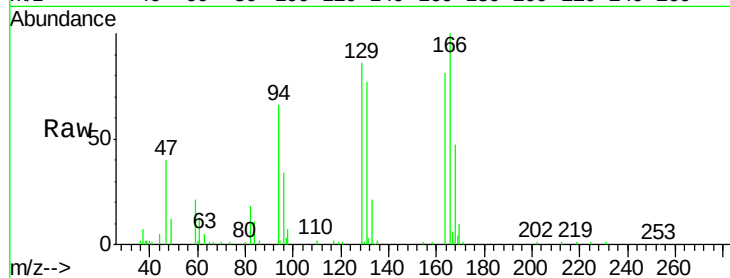
129 105.8 86.0 129.0

131 95.2 80.3 120.5

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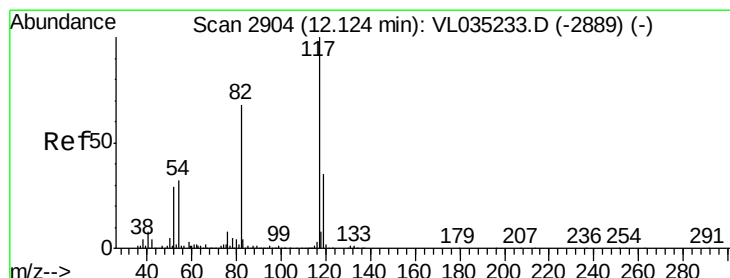
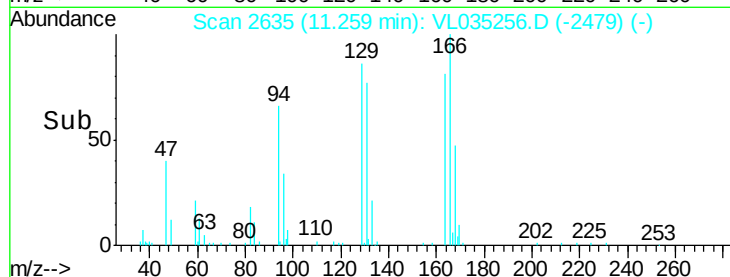
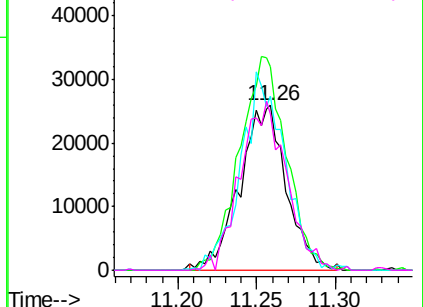


Abundance Ion 163.90 (163.60 to 164.60): V

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: 12.12 min Scan# 2902

Delta R.T. -0.01 min

Lab File: VL035256.D

Acq: 29 Jul 2020 21:28

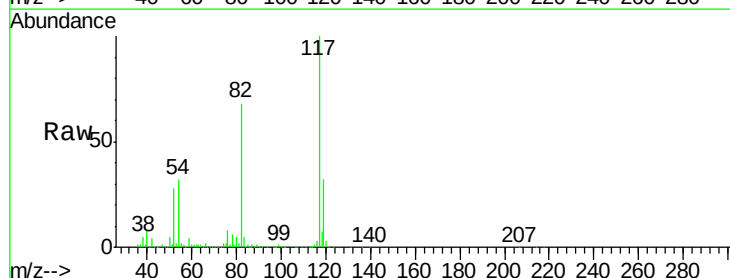
Tgt Ion:117 Resp: 2770320

Ion Ratio Lower Upper

117 100

82 69.0 52.4 78.6

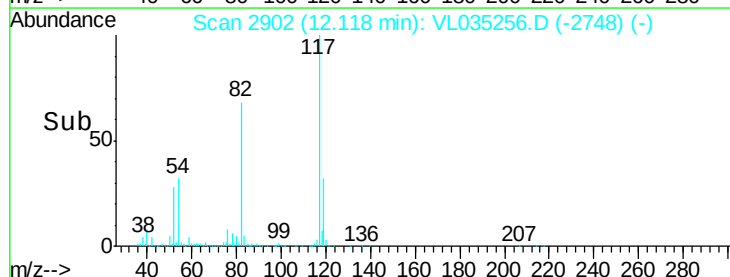
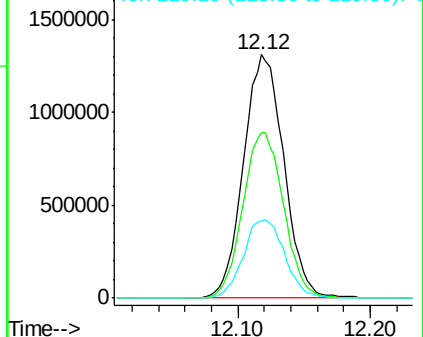
119 33.1 24.6 36.8

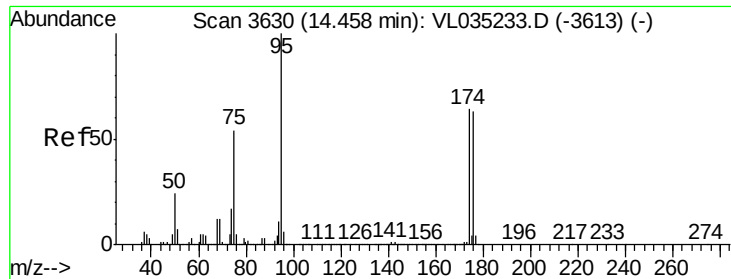


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.050 ppbv
 RT: 14.46 min Scan# 3629
 Delta R.T. -0.00 min
 Lab File: VL035256.D
 Acq: 29 Jul 2020 21:28

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.1	52.7	79.1
175	4.8	3.9	5.9

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