

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062220\
 Data File : VL035110.D
 Acq On : 22 Jun 2020 14:18
 Operator : SY/AP
 Sample : L3075-02DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EXHAUST-01DL

Manual Integrations
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 6/23/2020 10:59:18 AM

Quant Time: Jun 22 14:48:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Sat Jun 20 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1398601	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3197253	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3056901	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2535901	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.58	45	64723m	2.800	ppbv	
15) Acetone	3.83	43	118688	0.702	ppbv #	89
19) Isopropyl Alcohol	3.96	45	34120m	0.311	ppbv	
20) Methylene Chloride	4.32	84	145416	2.125	ppbv	97
27) Carbon Disulfide	4.53	76	14608339	102.598	ppbv #	58

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

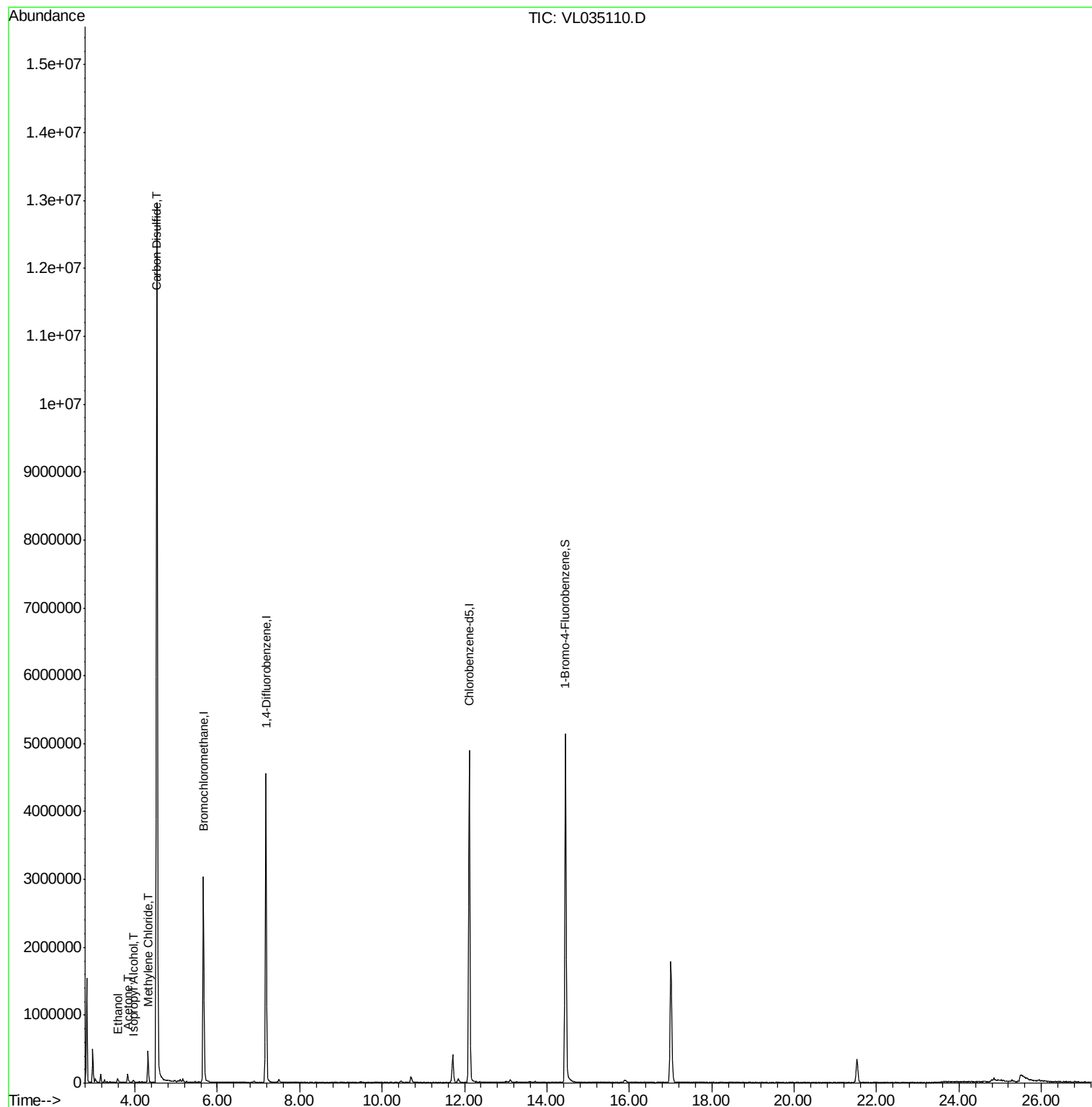
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062220\
Data File : VL035110.D
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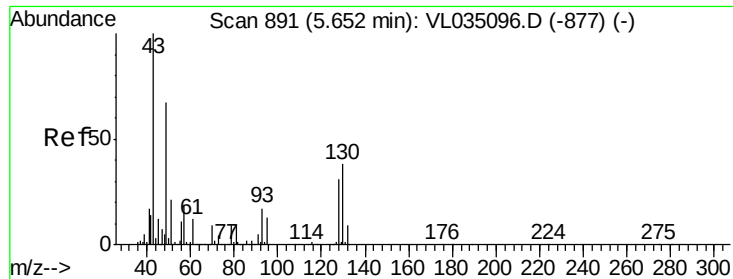
Instrument :
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ClientSampleId :
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Quant Time: Jun 22 14:48:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.01 min

Lab File: VL035110.D

Acq: 22 Jun 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

EXHAUST-01DL

Tot Ion: 49 Resp: 1398601

Ion Ratio Lower Upper

49 100

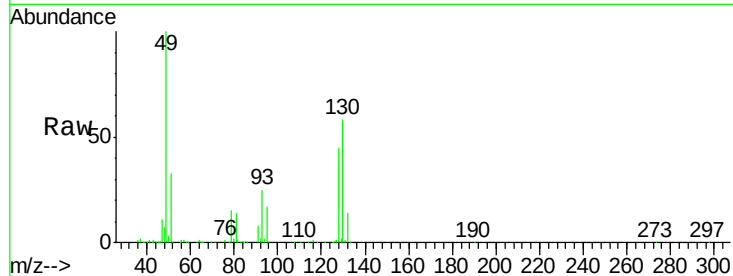
128 46.6 22.9 68.5

130 58.7 29.0 87.0

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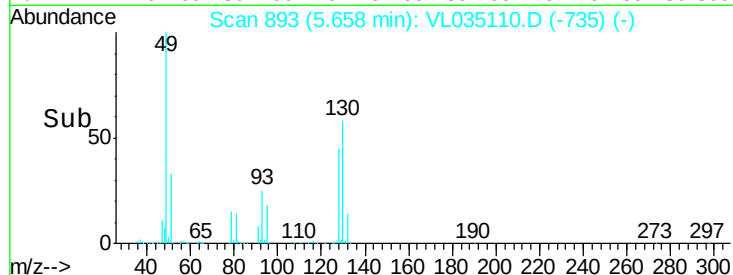


Abundance Ion 49.10 (48.80 to 49.80): VL0

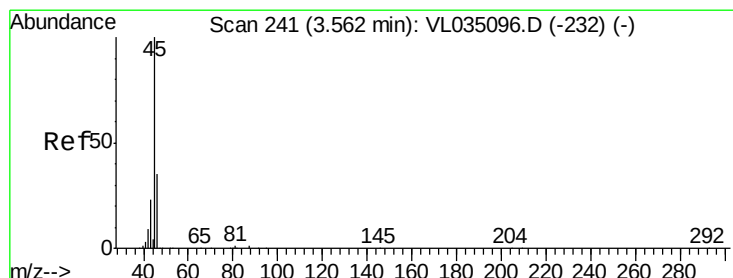
Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

Time-->



Time-->



#13

Ethanol

Concen: 2.800 ppbv m

RT: 3.58 min Scan# 246

Delta R.T. 0.02 min

Lab File: VL035110.D

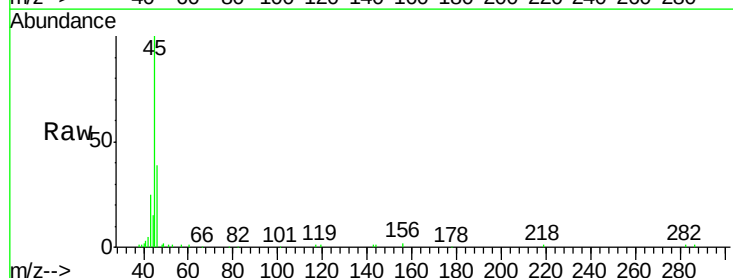
Acq: 22 Jun 2020 14:18

Tgt Ion: 45 Resp: 64723

Ion Ratio Lower Upper

45 100

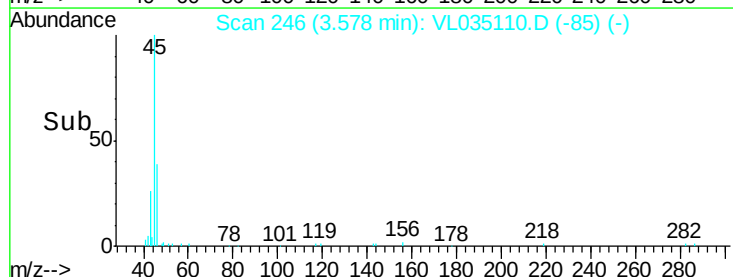
46 38.7 14.2 57.0



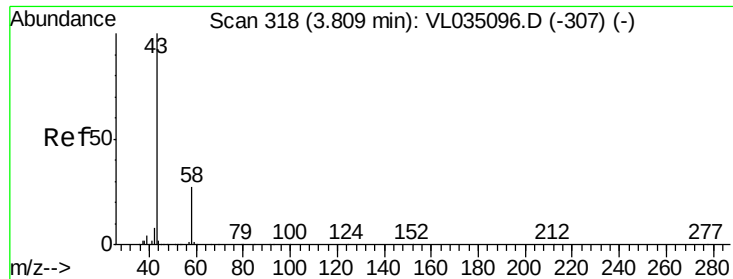
Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

Time-->



Time-->



#15

Acetone

Concen: 0.702 ppbv

RT: 3.83 min Scan# 323

Delta R.T. 0.02 min

Lab File: VL035110.D

Acq: 22 Jun 2020 14:18

Instrument :

MSVOA_L

ClientSampleId :

EXHAUST-01DL

Tot Ion: 43 Resp: 118688

Ion Ratio Lower Upper

43 100

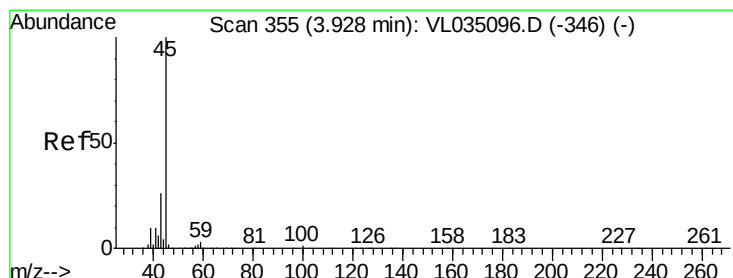
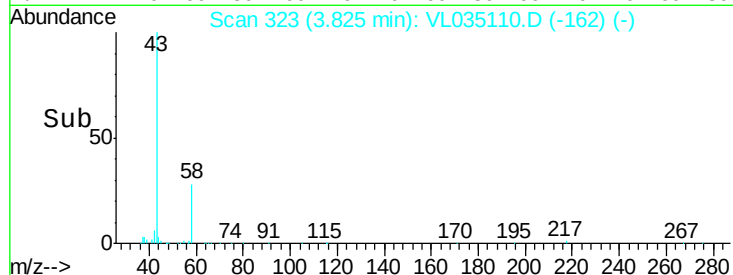
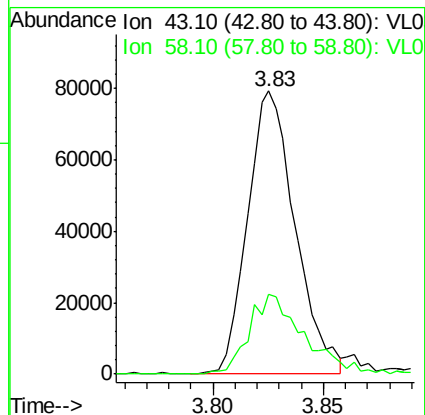
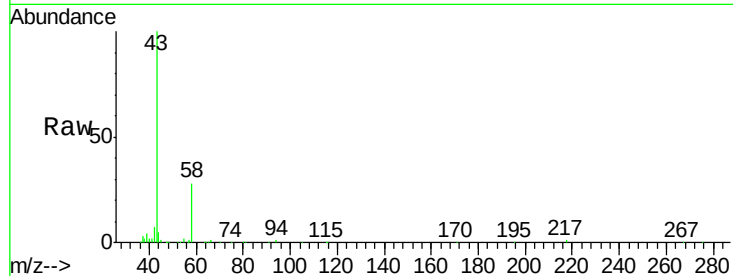
58 33.1 21.8 32.6#

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#19

Isopropyl Alcohol

Concen: 0.311 ppbv m

RT: 3.96 min Scan# 365

Delta R.T. 0.03 min

Lab File: VL035110.D

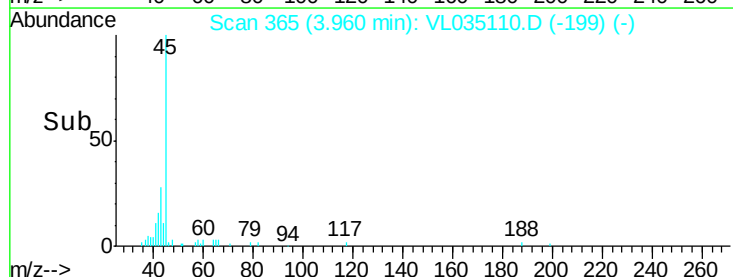
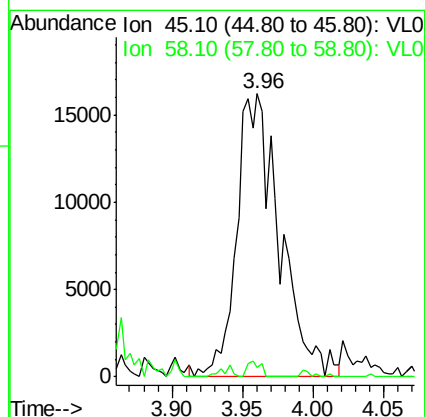
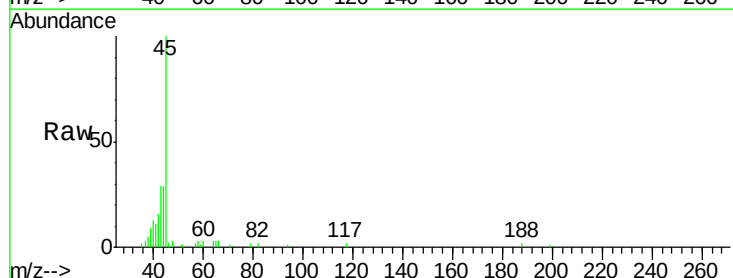
Acq: 22 Jun 2020 14:18

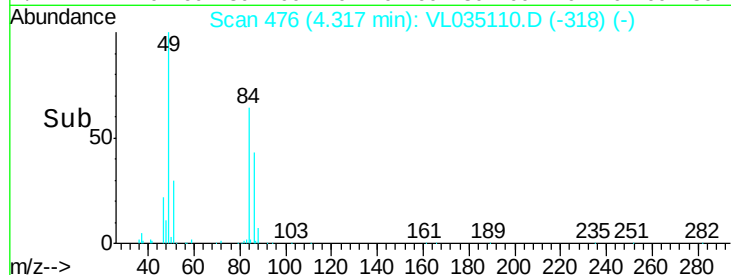
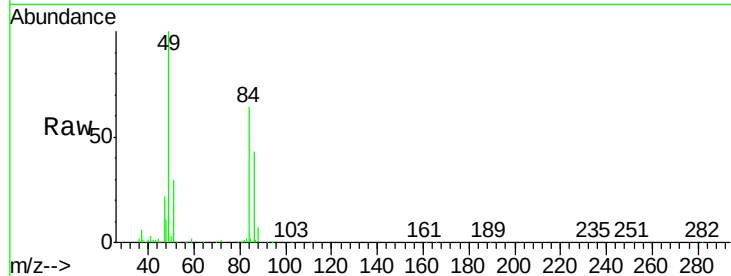
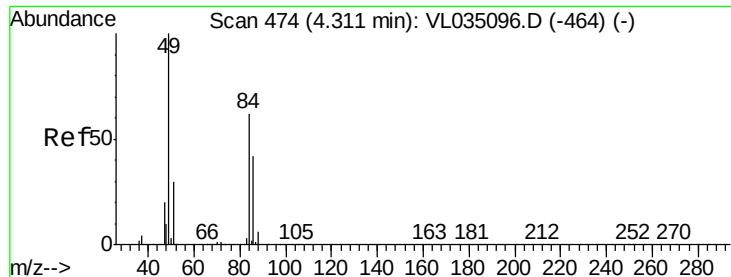
Tgt Ion: 45 Resp: 34120

Ion Ratio Lower Upper

45 100

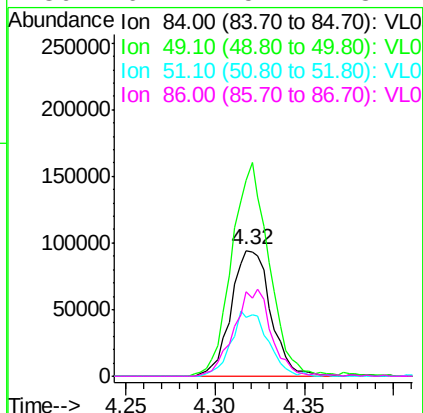
58 0.0 1.8 2.8#





#20
Methylene Chloride
Concen: 2.125 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.01 min
Lab File: VL035110.D
Acq: 22 Jun 2020 14:18

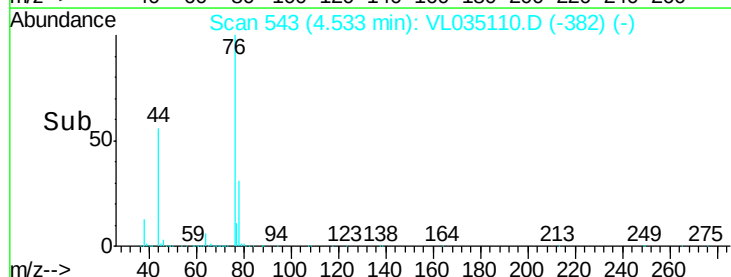
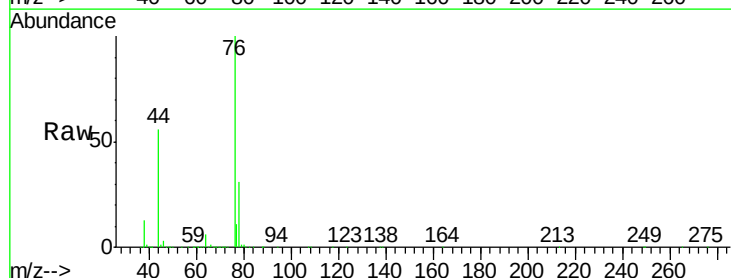
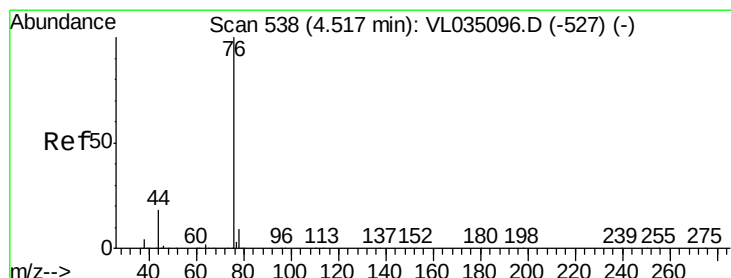
Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	155.5	128.8	193.2	
51	47.3	38.7	58.1	
86	67.2	54.1	81.1	



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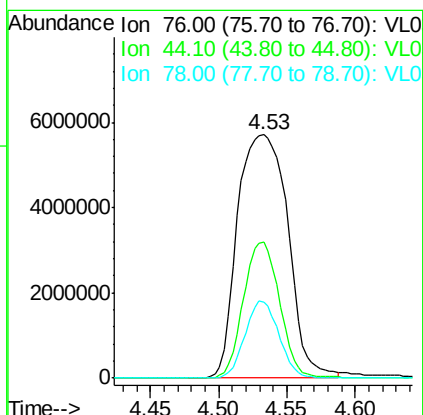
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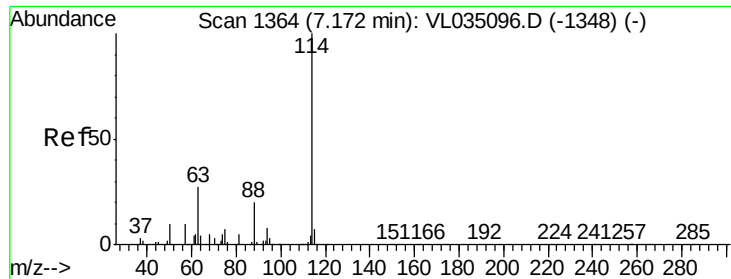
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#27
Carbon Disulfide
Concen: 102.598 ppbv
RT: 4.53 min Scan# 543
Delta R.T. 0.02 min
Lab File: VL035110.D
Acq: 22 Jun 2020 14:18

Tgt Ion	Ion	Ratio	Lower	Upper
76	100			
44	40.8	15.8	23.8#	
78	21.7	7.6	11.4#	





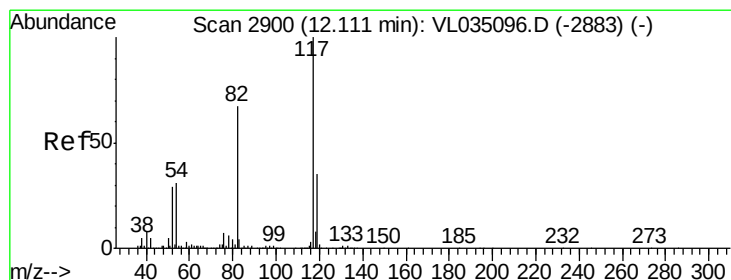
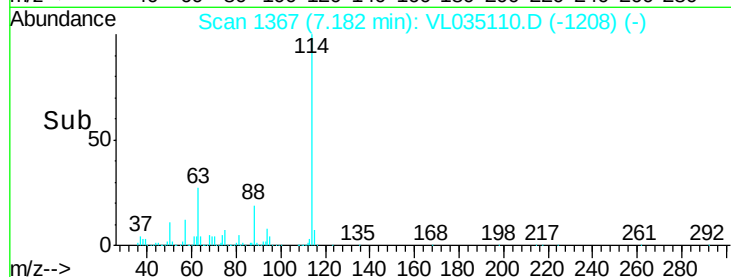
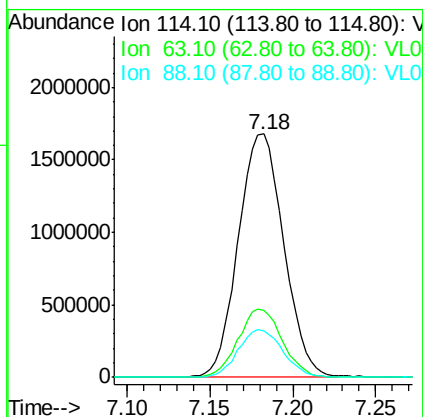
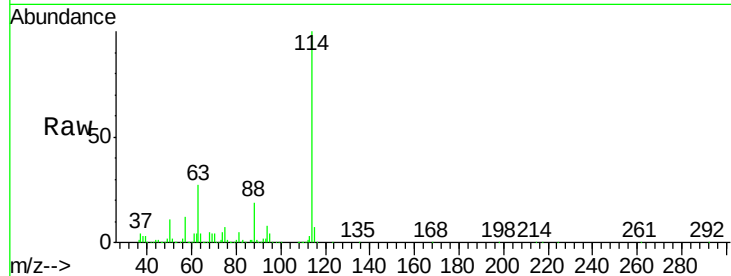
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: VL035110.D
 Acq: 22 Jun 2020 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 EXHAUST-01DL

Tot Ion	Ion	Ratio	Lower	Upper
114	100			
63	27.6	21.9	32.9	
88	19.4	15.6	23.4	

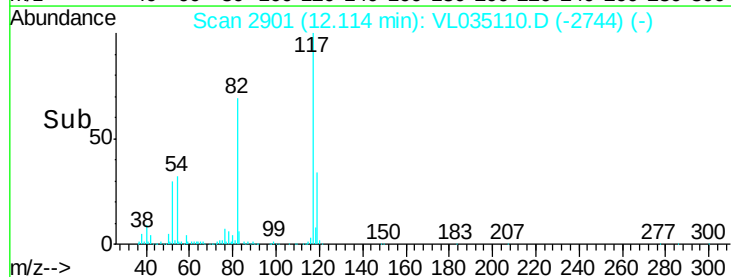
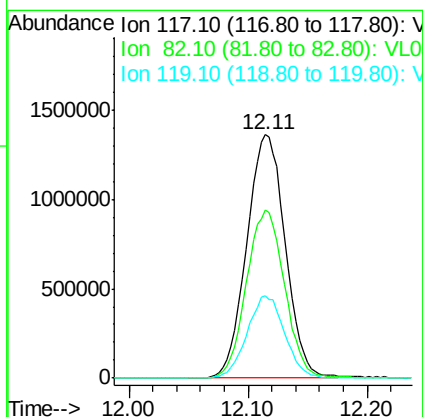
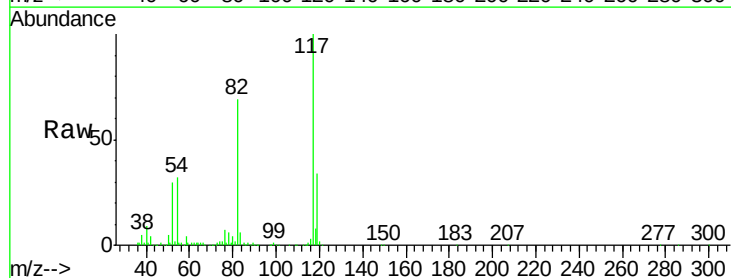
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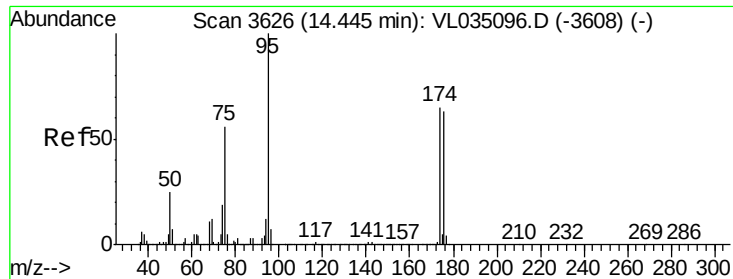
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T. 0.00 min
 Lab File: VL035110.D
 Acq: 22 Jun 2020 14:18

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
82	69.0	50.4	75.6	
119	33.2	25.4	38.0	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.986 ppbv
 RT: 14.45 min Scan# 3628
 Delta R.T. 0.01 min
 Lab File: VL035110.D
 Acq: 22 Jun 2020 14:18

Instrument :
 MSVOA_L
 ClientSampleId :
 EXHAUST-01DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.9	52.2	78.2
175	5.0	4.0	6.0

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