

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100121\
 Data File : VL037750.D
 Acq On : 1 Oct 2021 20:35
 Operator : SY/AP
 Sample : M4012-09DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P27DL

Manual Integrations
 APPROVED

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 10/4/2021 5:50:11 PM

Quant Time: Oct 02 19:51:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 1
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1399469	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4134582	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3480317	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2434251	9.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%
Target Compounds						
13) Ethanol	3.62	45	33107m	3.635	ppbv	
15) Acetone	3.85	43	61089m	0.420	ppbv	
20) Methylene Chloride	4.33	84	102437	1.476	ppbv #	88
52) Tetrachloroethene	11.20	164	82628	0.624	ppbv	88

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

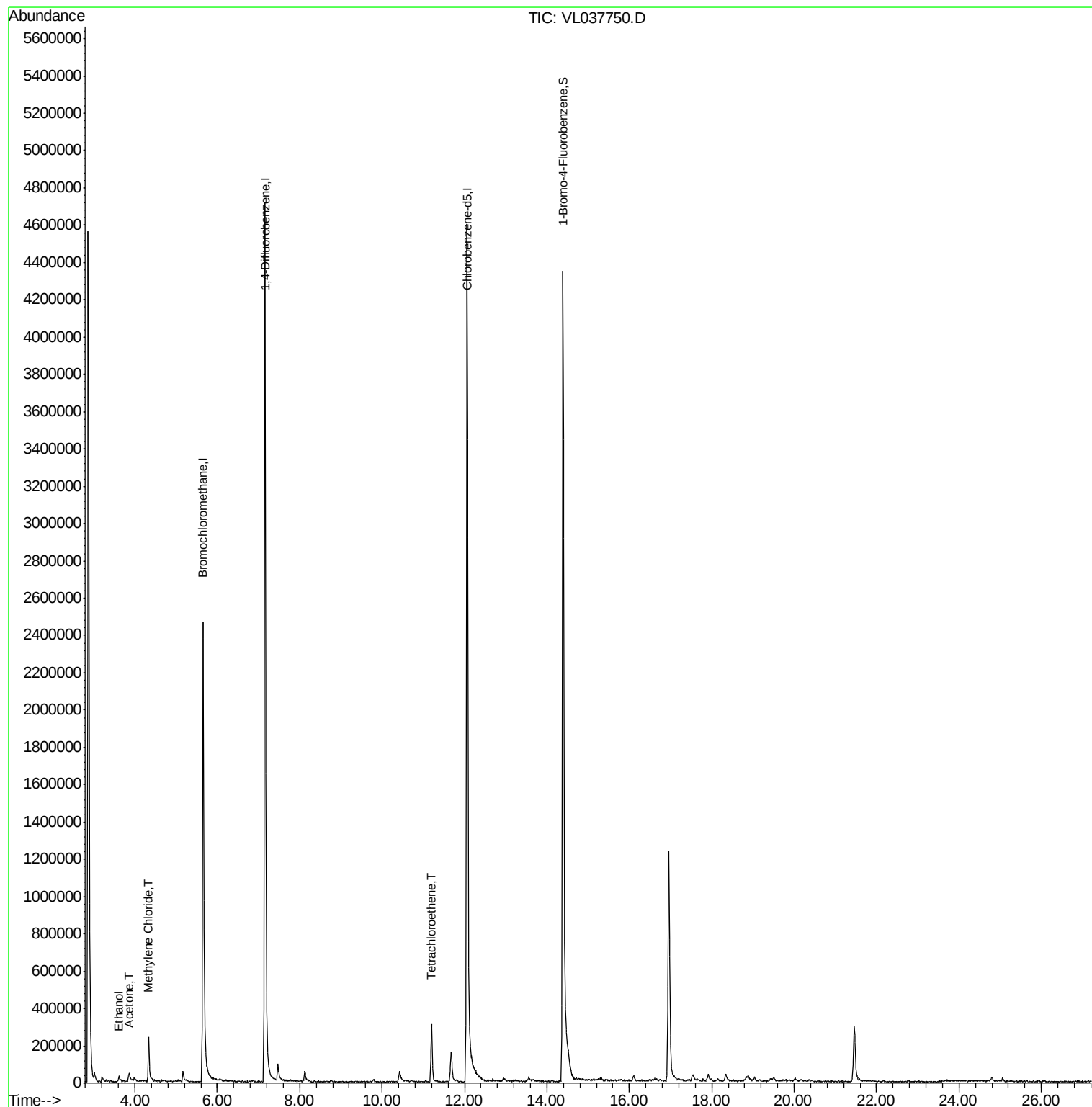
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL100121\
Data File : VL037750.D
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ALS Vial : 1 Sample Multiplier: 1

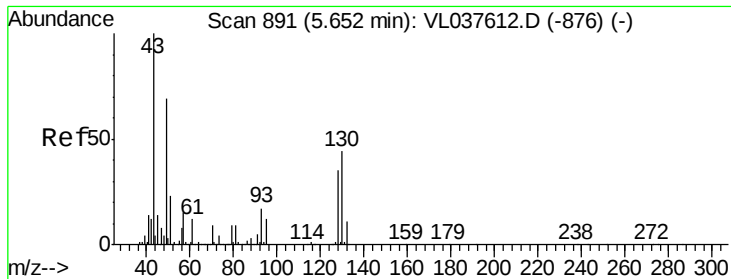
Instrument :
MSVOA_L
ClientSampleId :
C0P27DL

Manual Integrations
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10/4/2021 5:50:11 PM

Quant Time: Oct 02 19:51:22 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

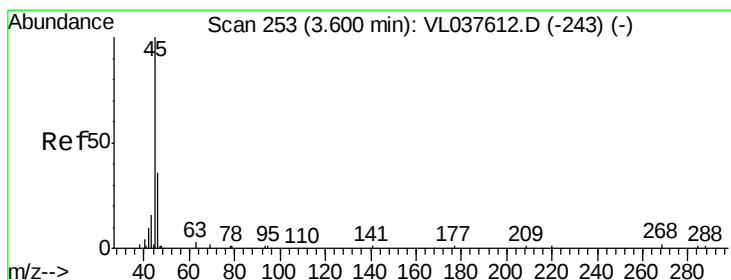
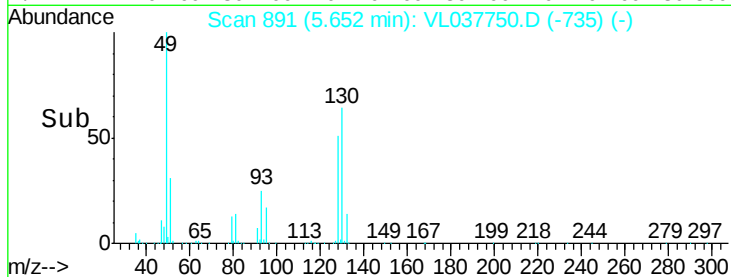
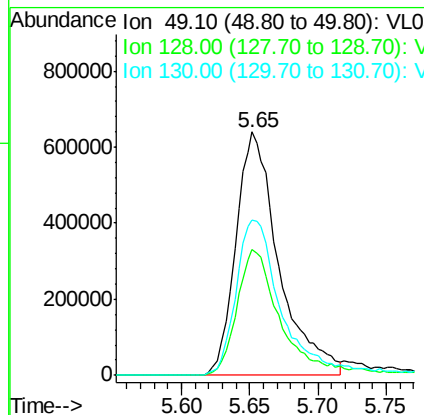
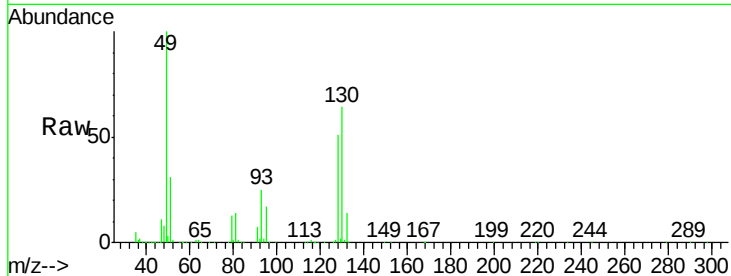
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: VL037750.D
 Acq: 1 Oct 2021 20:35

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P27DL

Tot Ion: 49 Resp: 1399469
 Ion Ratio Lower Upper
 49 100
 128 54.6 27.9 83.6
 130 71.1 33.9 101.7

Manual Integrations
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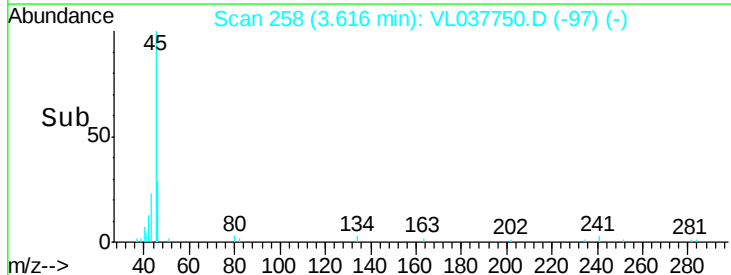
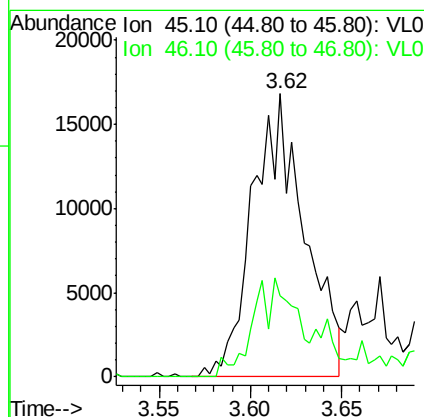
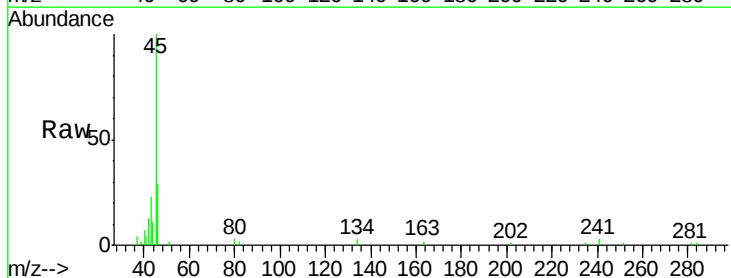
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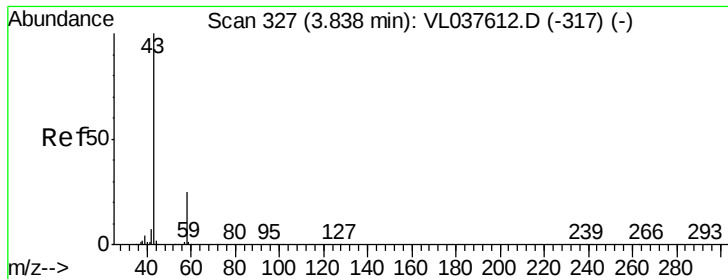


#13

Ethanol
 Concen: 3.635 ppbv m
 RT: 3.62 min Scan# 258
 Delta R.T. 0.02 min
 Lab File: VL037750.D
 Acq: 1 Oct 2021 20:35

Tgt Ion: 45 Resp: 33107
 Ion Ratio Lower Upper
 45 100
 46 0.0 17.2 68.8#





#15

Acetone

Concen: 0.420 ppbv m

RT: 3.85 min Scan# 332

Delta R.T. 0.02 min

Lab File: VL037750.D

Acq: 1 Oct 2021 20:35

Instrument :

MSVOA_L

ClientSampleId :

C0P27DL

Tot Ion: 43 Resp: 61089

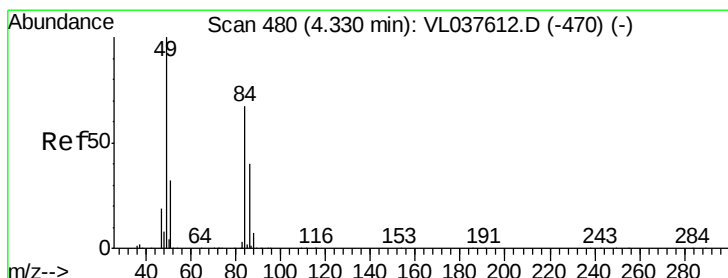
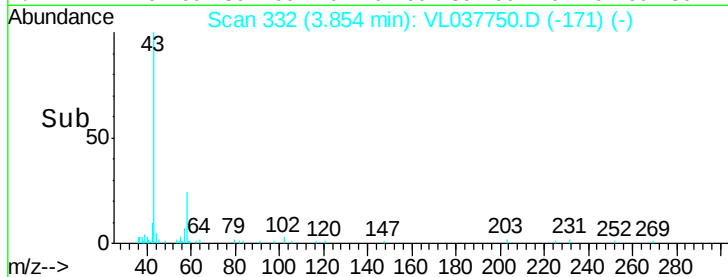
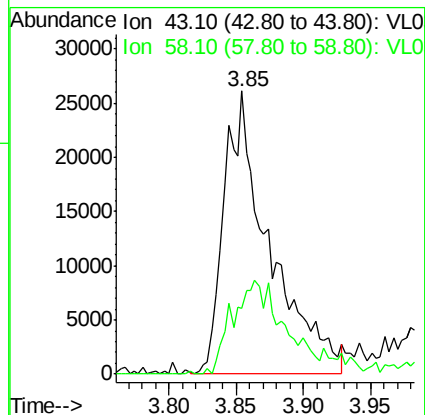
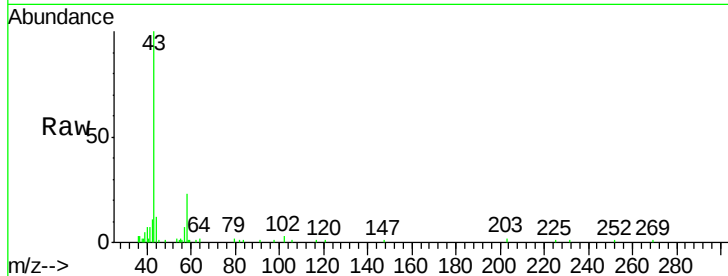
Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#

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#20

Methylene Chloride

Concen: 1.476 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.00 min

Lab File: VL037750.D

Acq: 1 Oct 2021 20:35

Tgt Ion: 84 Resp: 102437

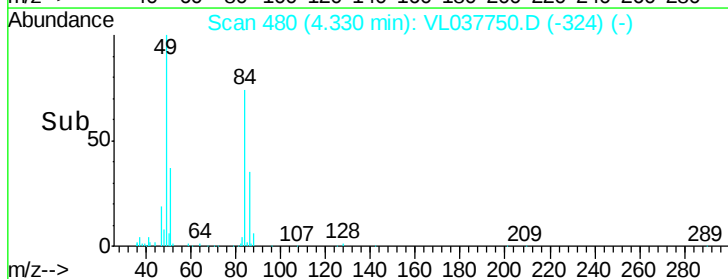
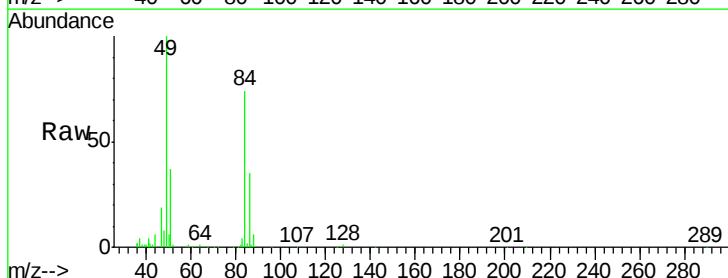
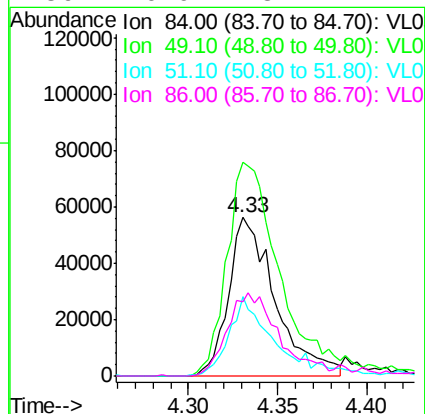
Ion Ratio Lower Upper

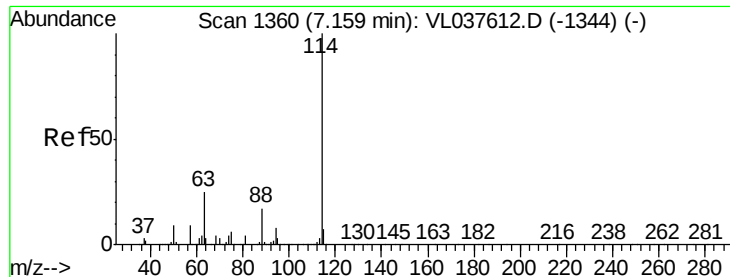
84 100

49 134.9 120.0 180.0

51 49.4 38.0 57.0

86 46.9 48.2 72.2#





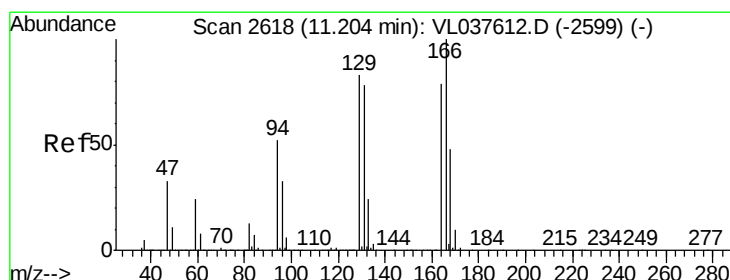
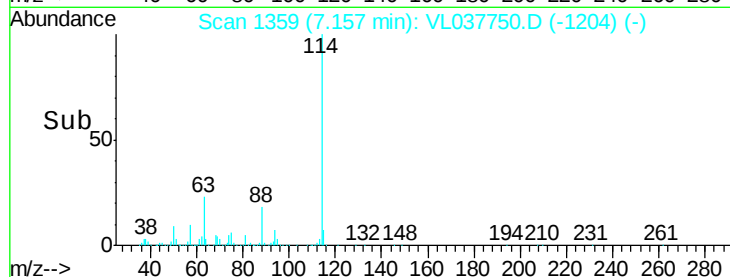
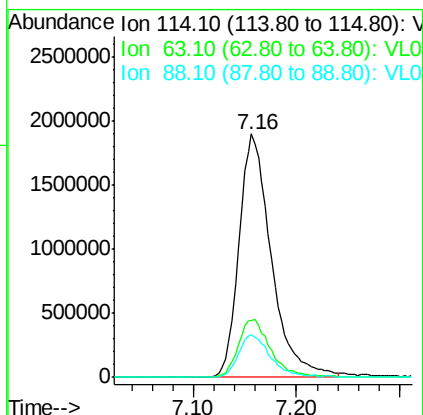
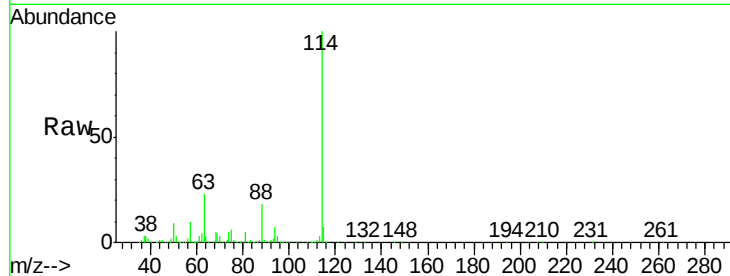
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL037750.D
Acq: 1 Oct 2021 20:35

Instrument :
MSVOA_L
ClientSampled :
C0P27DL

Tot Ion:114 Resp: 4134582
Ion Ratio Lower Upper
114 100
63 24.4 19.6 29.4
88 17.9 14.2 21.4

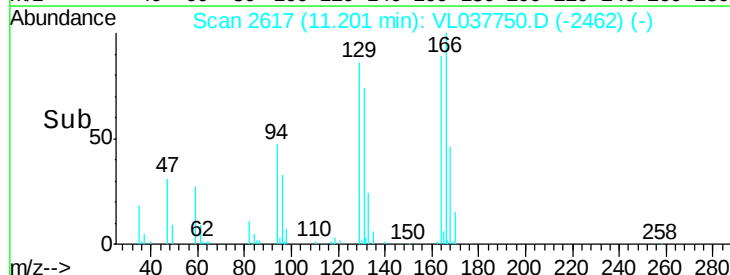
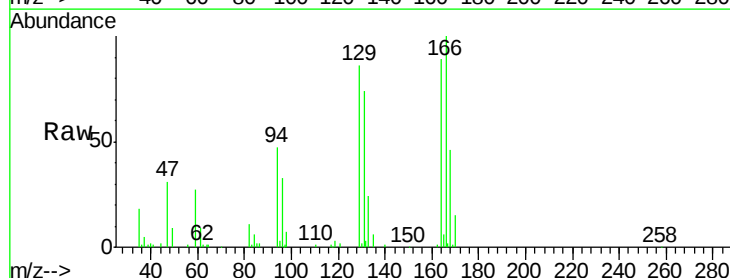
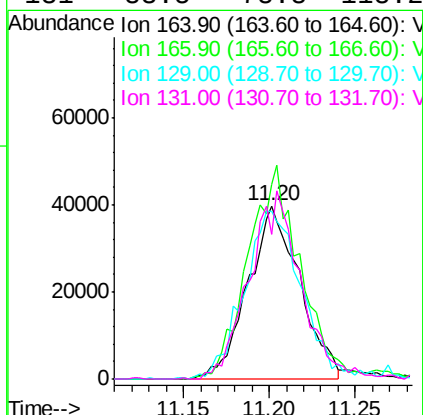
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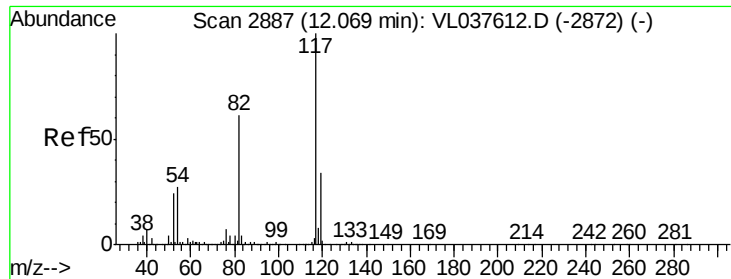
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#52
Tetrachloroethene
Concen: 0.624 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.00 min
Lab File: VL037750.D
Acq: 1 Oct 2021 20:35

Tgt Ion:164 Resp: 82628
Ion Ratio Lower Upper
164 100
166 112.2 101.2 151.8
129 96.0 84.0 126.0
131 83.5 78.8 118.2





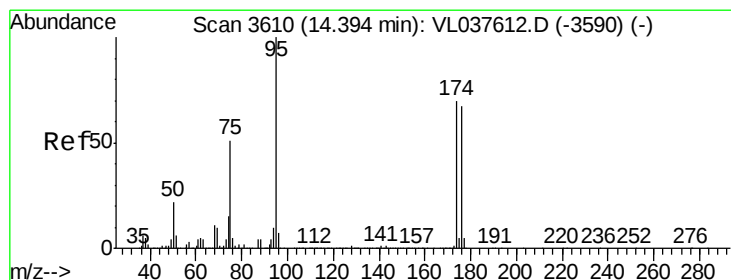
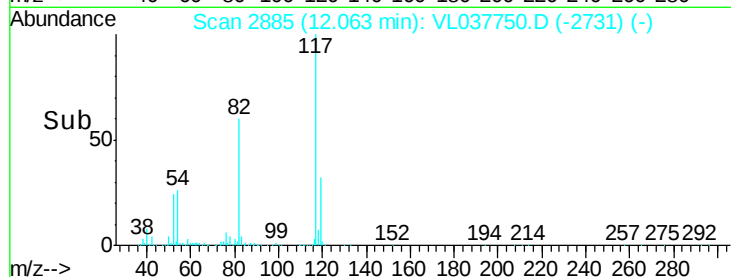
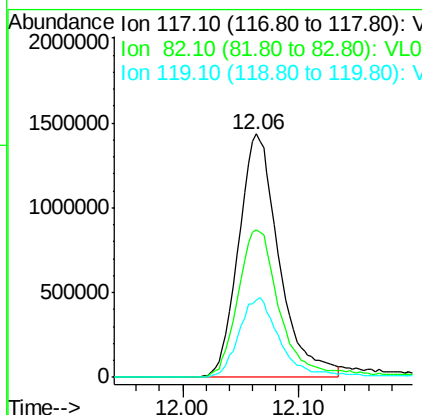
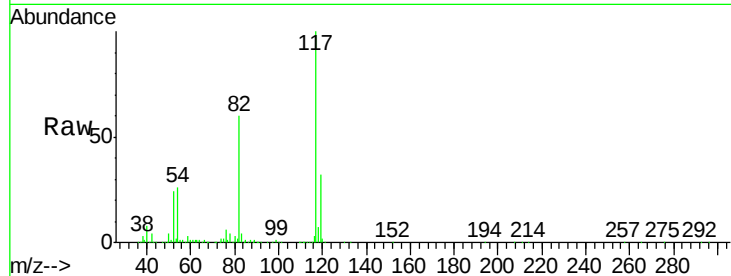
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VL037750.D
Acq: 1 Oct 2021 20:35

Instrument :
MSVOA_L
ClientSampleId :
C0P27DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.4	50.6	75.8
119	34.2	26.2	39.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.678 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL037750.D
Acq: 1 Oct 2021 20:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.6	56.3	84.5
175	5.4	4.4	6.6

