

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090921\
 Data File : VL037599.D
 Acq On : 9 Sep 2021 15:20
 Operator : SY/AP
 Sample : M3663-07DL2 66.6X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL2

Manual Integrations
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 9/10/2021 6:37:15 PM

Quant Time: Sep 10 09:11:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 10 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1409972	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4277614	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3762047	10.00	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2662655	9.96	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%
Target Compounds						
31) cis-1,2-Dichloroethene	5.56	61	134880	0.837	ppbv	93
38) Trichloroethene	7.85	130	121851m	0.826	ppbv	
52) Tetrachloroethene	11.24	164	1688585	11.459	ppbv	99

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

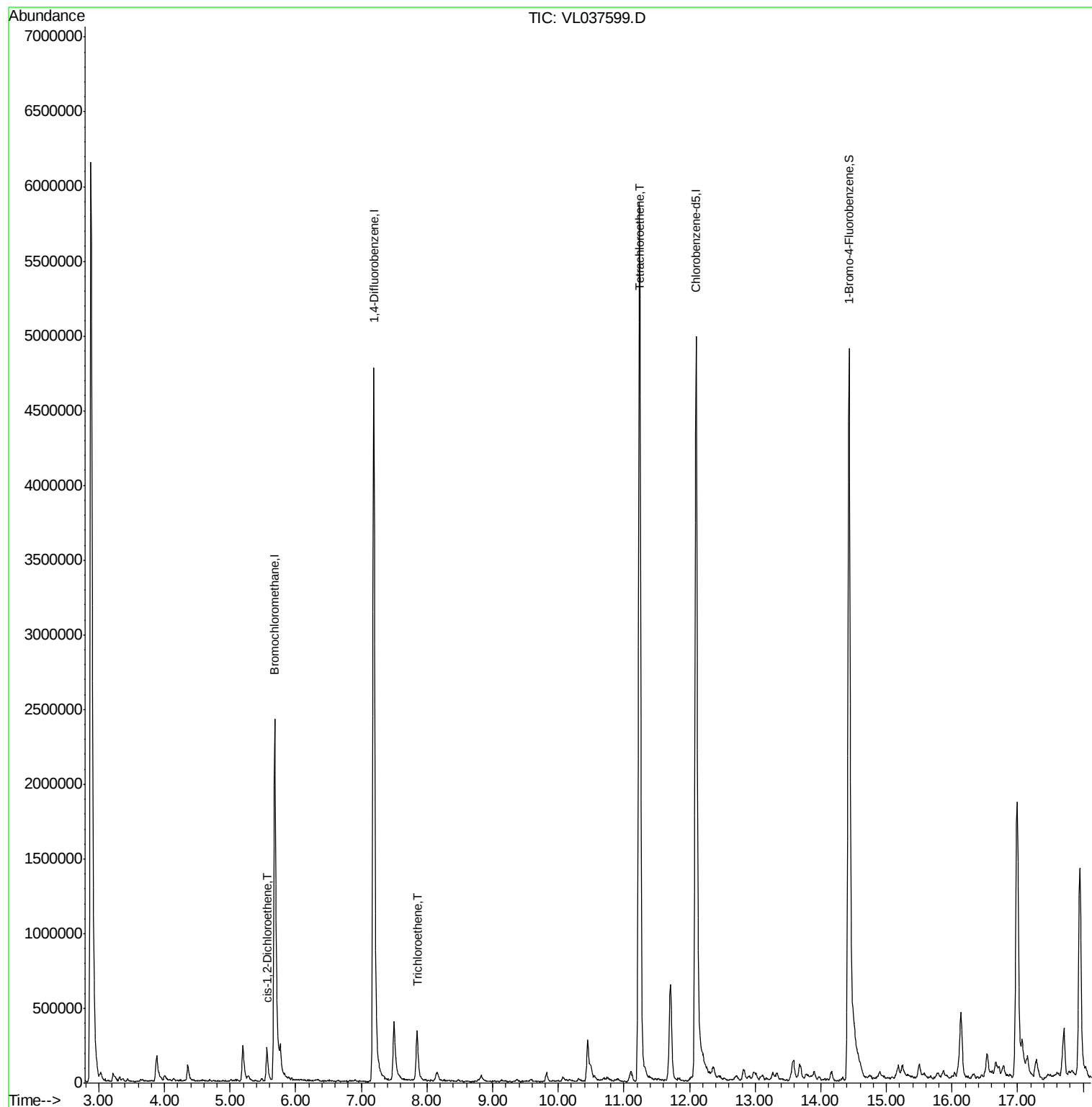
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL090921\
Data File : VL037599.D
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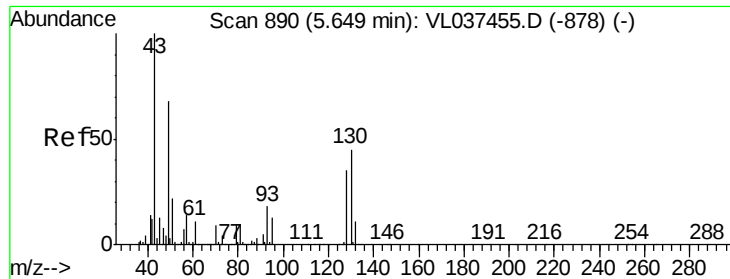
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
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QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.03 min

Lab File: VL037599.D

Acq: 9 Sep 2021 15:20

Instrument :

MSVOA_L

ClientSampleId :

SV-4DL2

Tot Ion: 49 Resp: 1409972

Ion Ratio Lower Upper

49 100

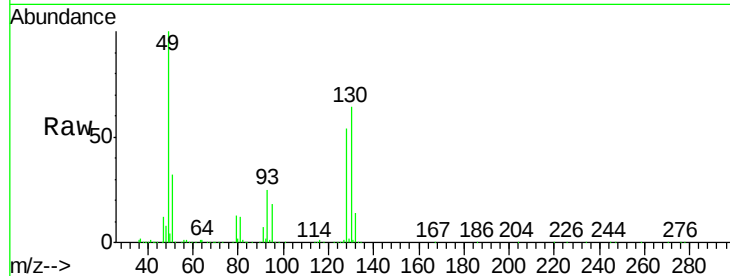
128 55.4 27.5 82.4

130 71.0 34.0 101.8

Manual Integrations
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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

800000

600000

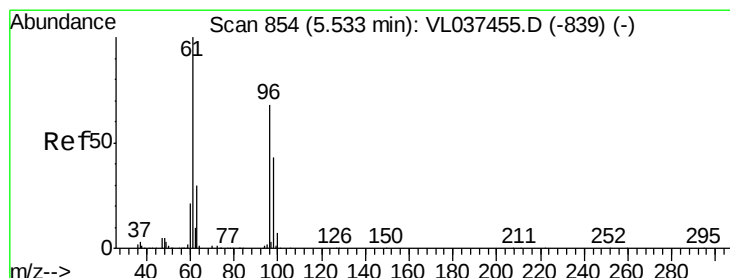
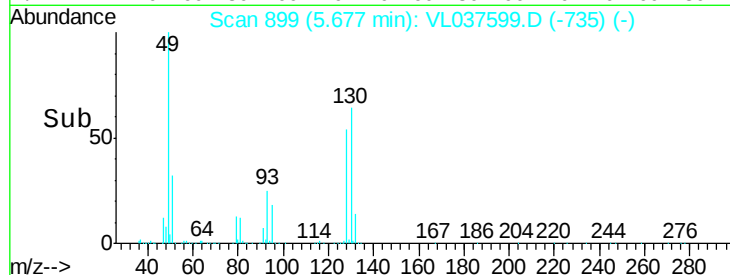
400000

200000

0

5.60 5.65 5.70 5.75

Time-->



#31

cis-1,2-Dichloroethene

Concen: 0.837 ppbv

RT: 5.56 min Scan# 862

Delta R.T. 0.03 min

Lab File: VL037599.D

Acq: 9 Sep 2021 15:20

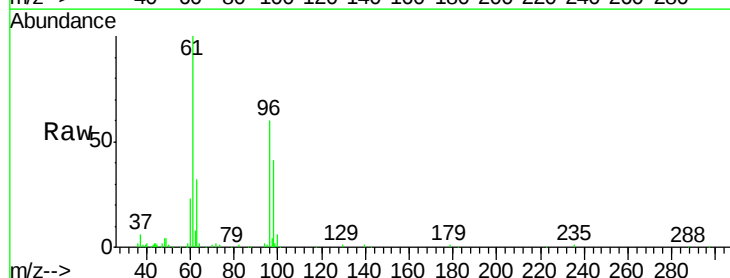
Tgt Ion: 61 Resp: 134880

Ion Ratio Lower Upper

61 100

96 60.2 54.8 82.2

98 41.2 34.2 51.2



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0

100000

80000

60000

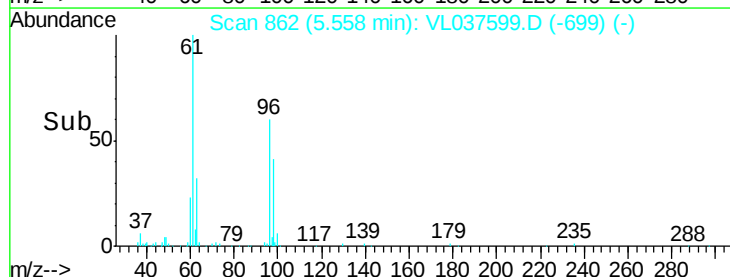
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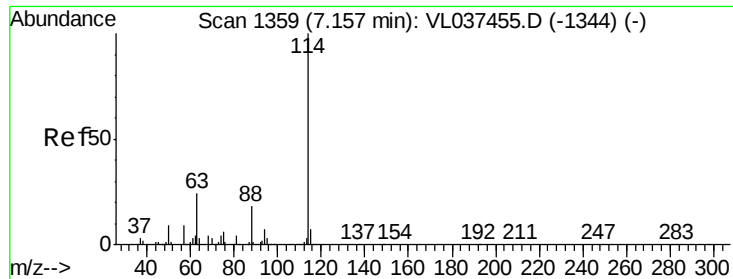
20000

0

5.50 5.55 5.60

Time-->





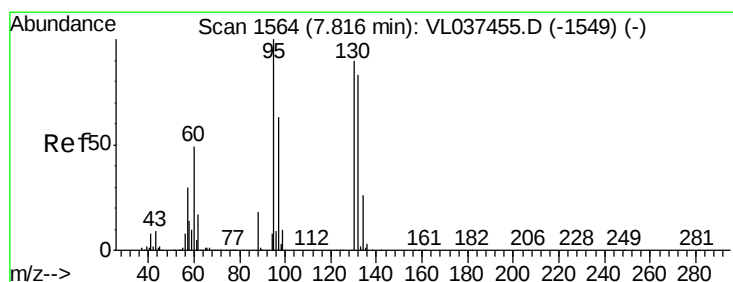
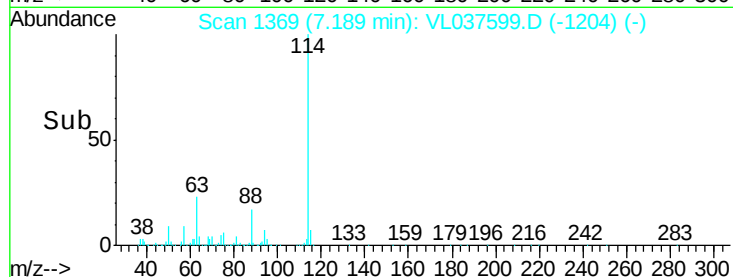
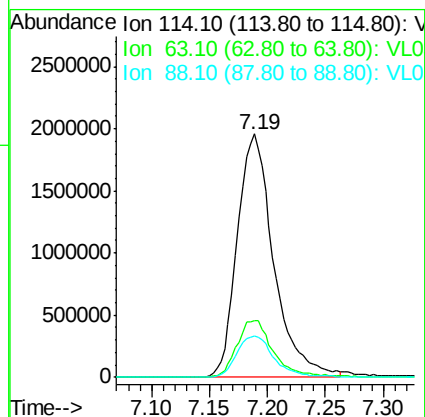
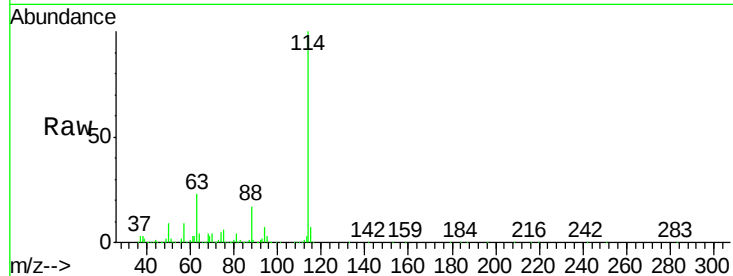
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.03 min
 Lab File: VL037599.D
 Acq: 9 Sep 2021 15:20

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL2

Tot Ion:114 Resp: 4277614
 Ion Ratio Lower Upper
 114 100
 63 23.7 19.3 28.9
 88 17.8 14.2 21.4

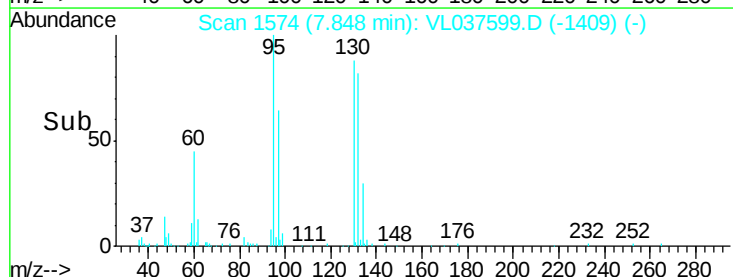
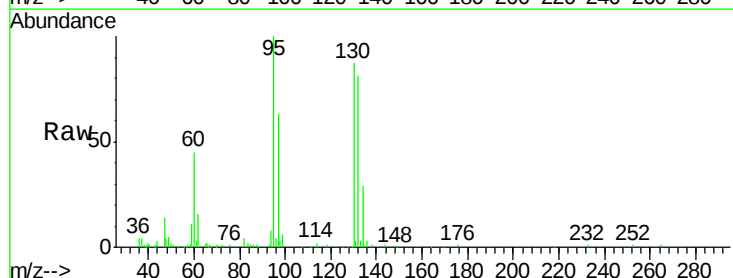
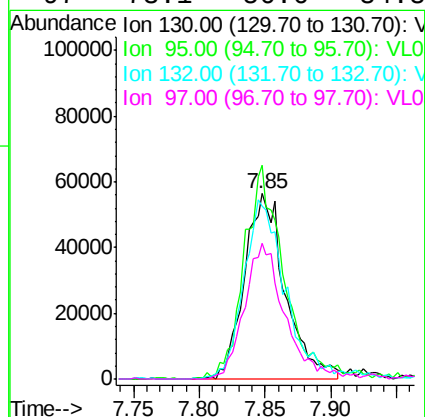
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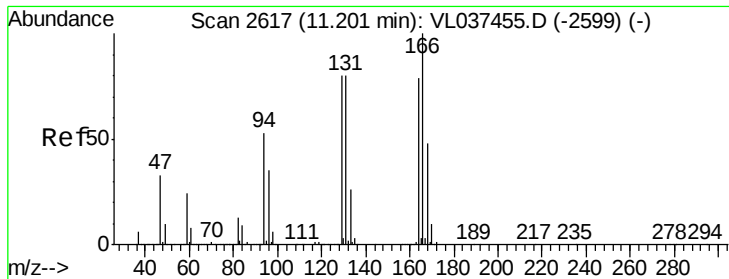
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#38
 Trichloroethene
 Concen: 0.826 ppbv m
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.03 min
 Lab File: VL037599.D
 Acq: 9 Sep 2021 15:20

Tgt Ion:130 Resp: 121851
 Ion Ratio Lower Upper
 130 100
 95 115.2 89.2 133.8
 132 93.3 74.0 111.0
 97 73.1 56.6 84.8





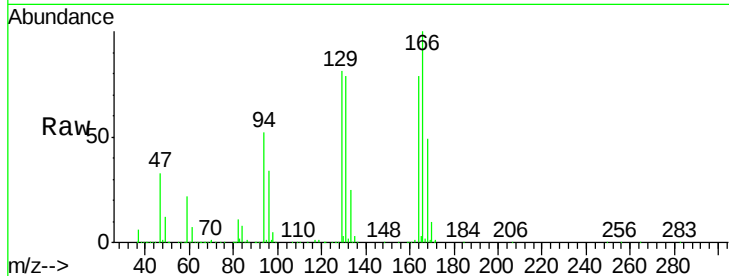
#52
Tetrachloroethene
Concen: 11.459 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.04 min
Lab File: VL037599.D
Acq: 9 Sep 2021 15:20

Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2

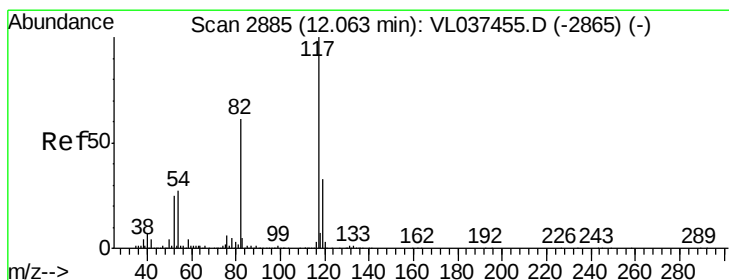
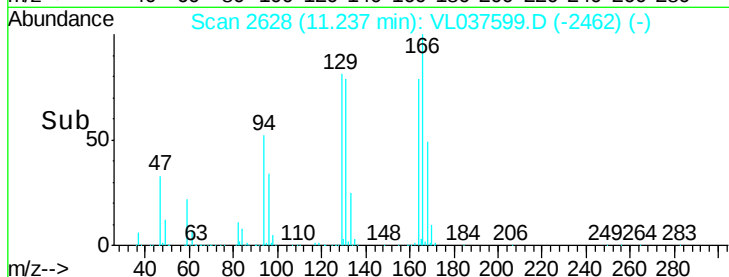
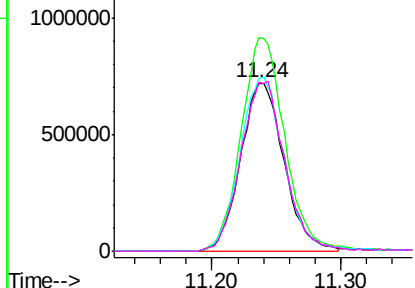
Tot Ion	Ratio	Lower	Upper
164	100		
166	127.3	100.7	151.1
129	103.0	80.9	121.3
131	100.6	80.2	120.4

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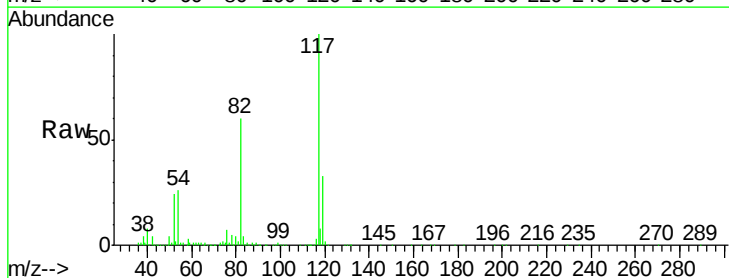


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

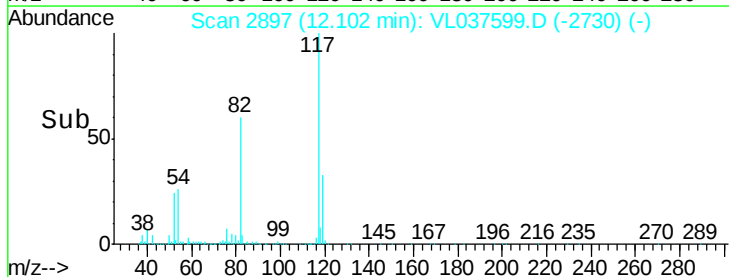
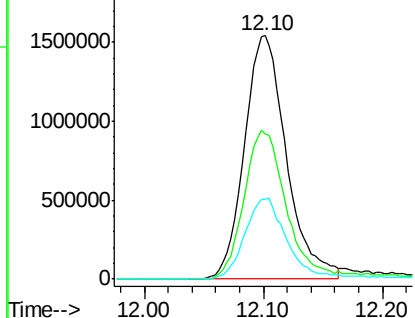


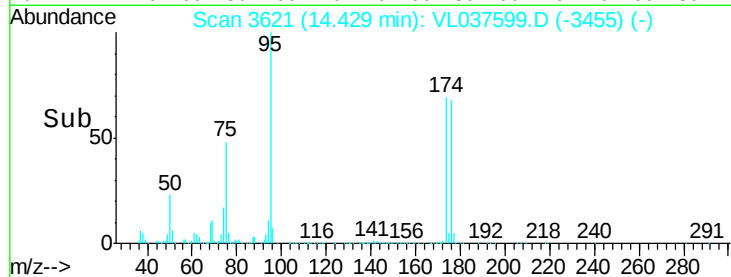
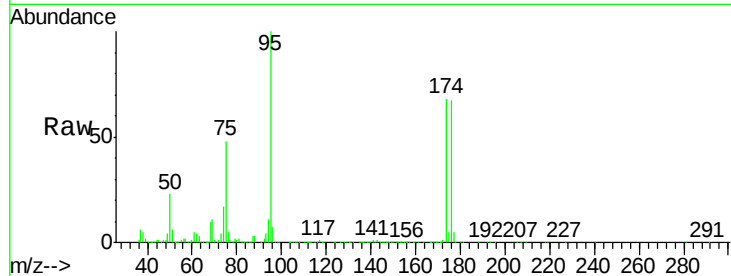
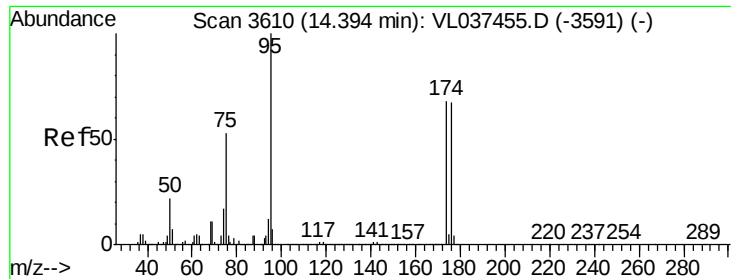
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.04 min
Lab File: VL037599.D
Acq: 9 Sep 2021 15:20

Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.2	52.9	79.3
119	35.3	24.8	37.2



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: 9.962 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. 0.04 min

Lab File: VL037599.D

Acq: 9 Sep 2021 15:20

Tot Ion: 95 Resp: 2662655

Ion Ratio Lower Upper

95 100

174 78.1 59.6 89.4

175 5.4 4.6 7.0

Instrument :

MSVOA_L

ClientSampleId :

SV-4DL2

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