

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
 Data File : VL037682.D
 Acq On : 27 Sep 2021 16:03
 Operator : SY/AP
 Sample : M3949-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-18BDL

Manual Integrations
 APPROVED

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 10/1/2021 11:05:01 AM

Quant Time: Sep 28 20:09:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.67	49	1620597	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4653696	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	3975465	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2814323	9.80	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.62	45	368873m	34.974	ppbv	
15) Acetone	3.86	43	188450m	1.119	ppbv	
19) Isopropyl Alcohol	3.99	45	64877m	0.708	ppbv	
20) Methylene Chloride	4.35	84	483069	6.009	ppbv	99
26) Hexane	5.70	57	540540	2.790	ppbv #	44

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

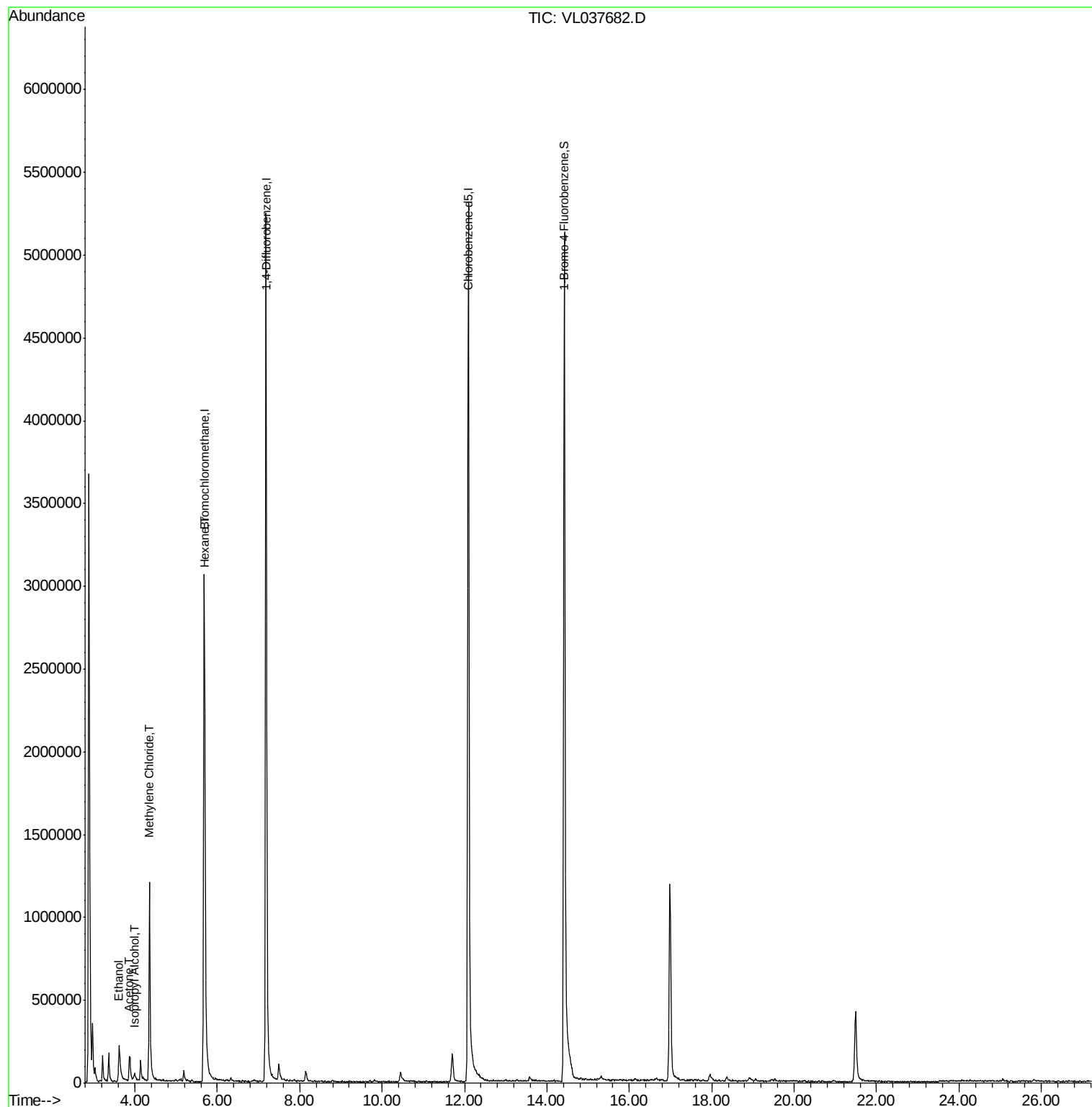
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
Data File : VL037682.D
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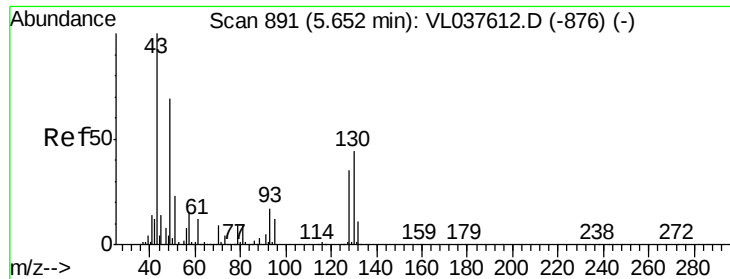
Instrument :
MSVOA_L
ClientSampleId :
IA-18BDL

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QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.02 min

Lab File: VL037682.D

Acq: 27 Sep 2021 16:03

Instrument :

MSVOA_L

ClientSampleId :

IA-18BDL

Tgt Ion: 49 Resp: 1620597

Ion Ratio Lower Upper

49 100

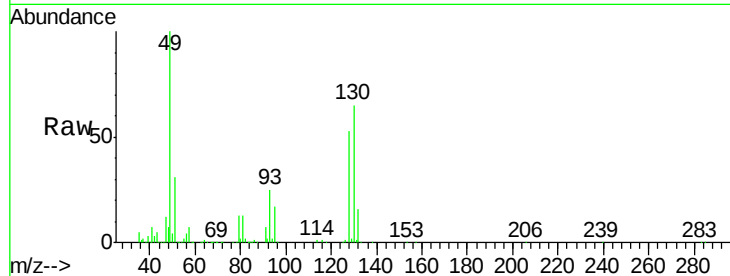
128 53.0 27.9 83.6

130 67.1 33.9 101.7

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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

5.67

800000

600000

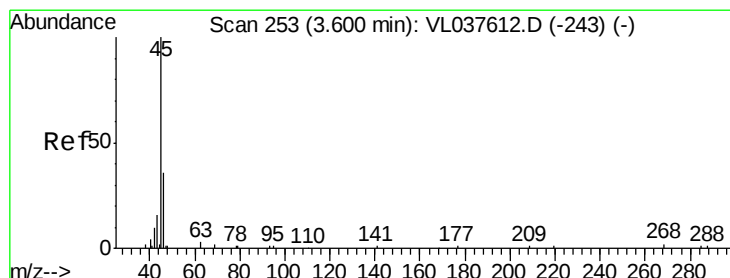
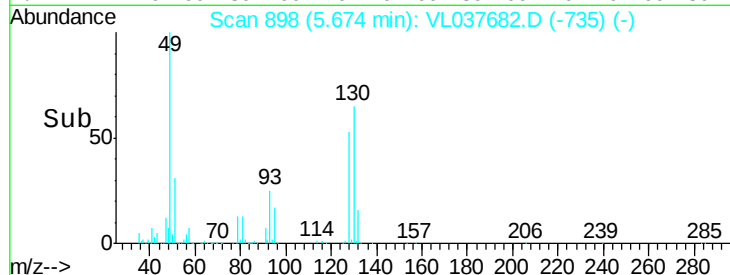
400000

200000

0

5.60 5.65 5.70 5.75 5.80

Time-->



#13

Ethanol

Concen: 34.974 ppbv m

RT: 3.62 min Scan# 258

Delta R.T. 0.02 min

Lab File: VL037682.D

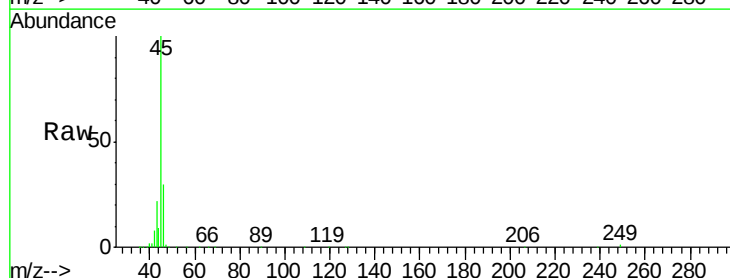
Acq: 27 Sep 2021 16:03

Tgt Ion: 45 Resp: 368873

Ion Ratio Lower Upper

45 100

46 39.1 17.2 68.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3.62

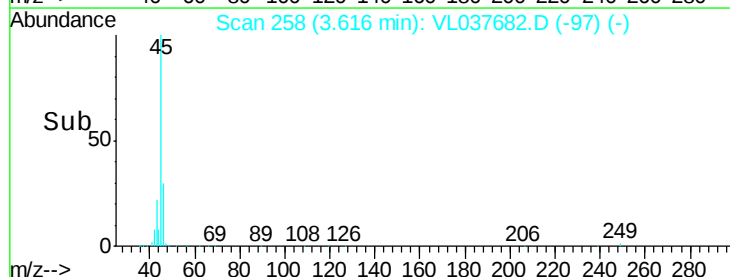
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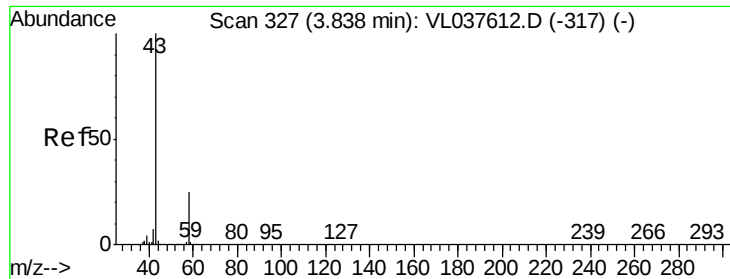
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0

3.50 3.60 3.70

Time-->





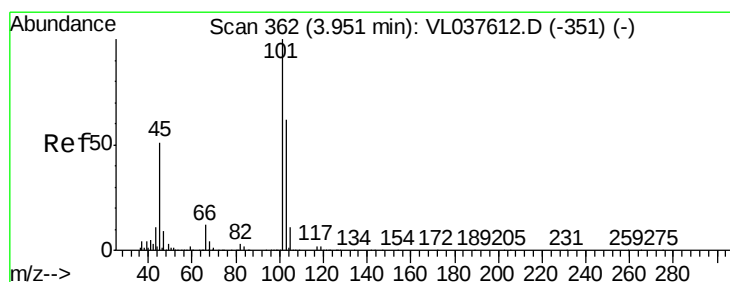
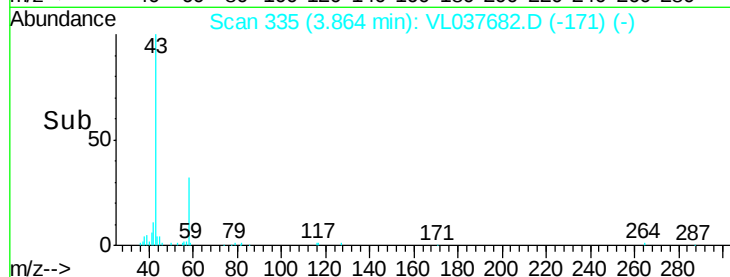
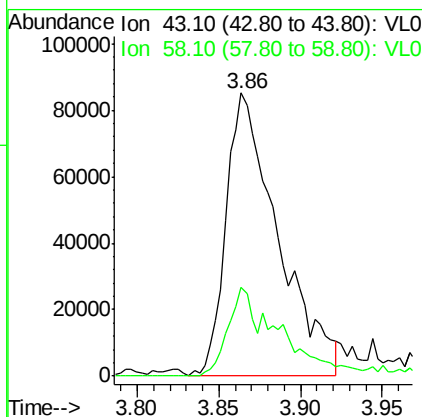
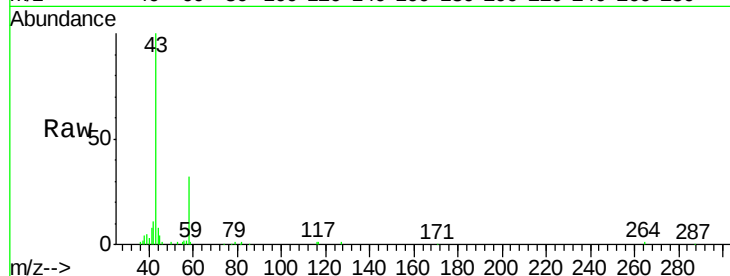
#15
Acetone
Concen: 1.119 ppbv m
RT: 3.86 min Scan# 335
Delta R.T. 0.03 min
Lab File: VL037682.D
Acq: 27 Sep 2021 16:03

Instrument :
MSVOA_L
ClientSampleId :
IA-18BDL

Tgt Ion: 43 Resp: 188450
Ion Ratio Lower Upper
43 100
58 30.8 24.9 37.3

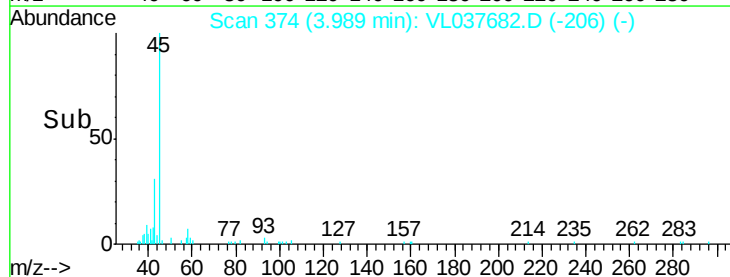
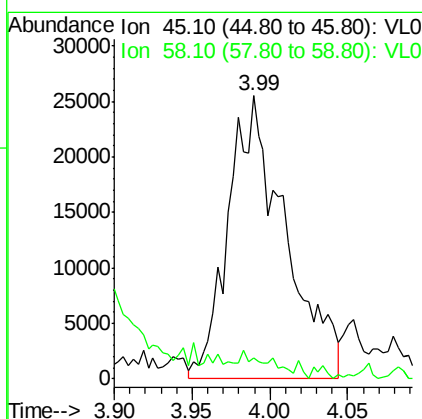
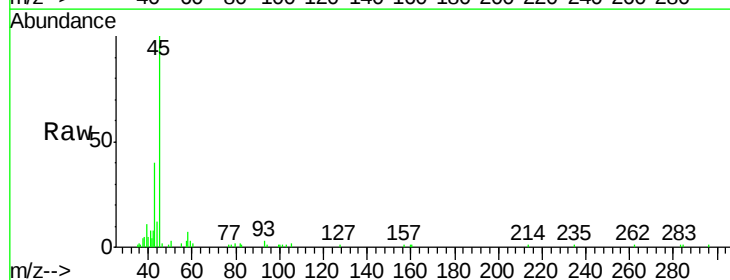
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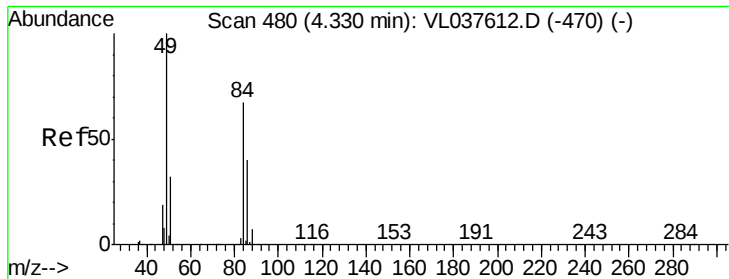
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#19
Isopropyl Alcohol
Concen: 0.708 ppbv m
RT: 3.99 min Scan# 374
Delta R.T. 0.04 min
Lab File: VL037682.D
Acq: 27 Sep 2021 16:03

Tgt Ion: 45 Resp: 64877
Ion Ratio Lower Upper
45 100
58 10.6 2.9 4.3#





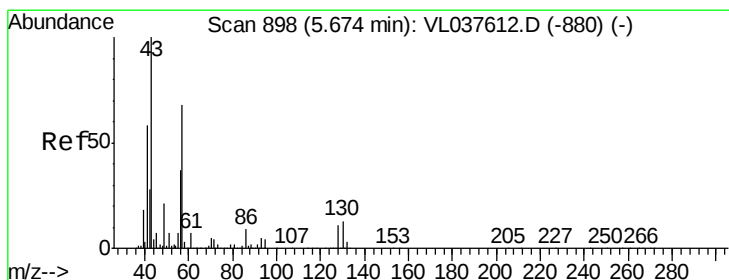
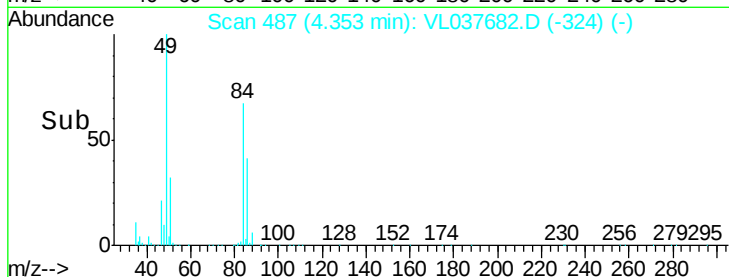
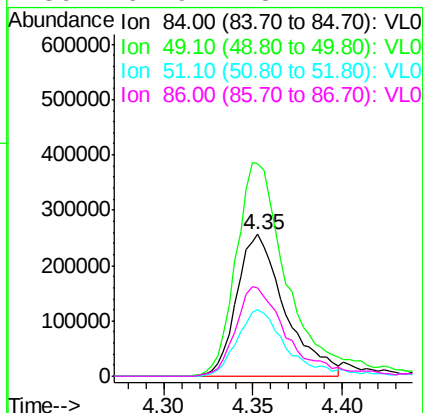
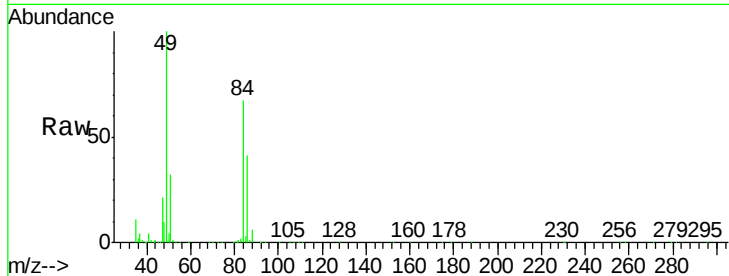
#20
Methylene Chloride
Concen: 6.009 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.02 min
Lab File: VL037682.D
Acq: 27 Sep 2021 16:03

Instrument :
MSVOA_L
ClientSampleId :
IA-18BDL

Tgt Ion	Ratio	Lower	Upper
84	100		
49	149.7	120.0	180.0
51	47.2	38.0	57.0
86	61.9	48.2	72.2

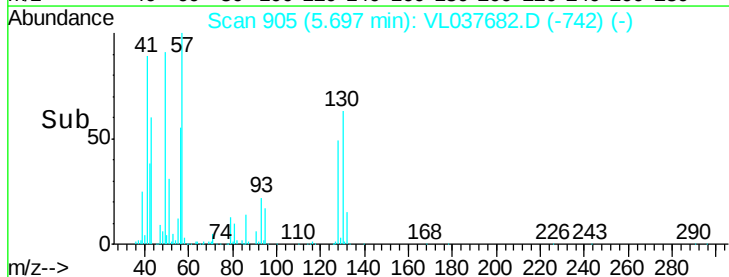
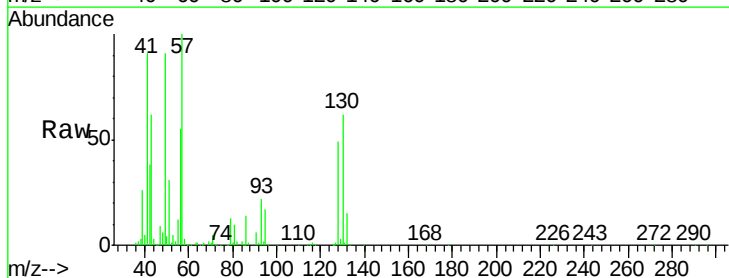
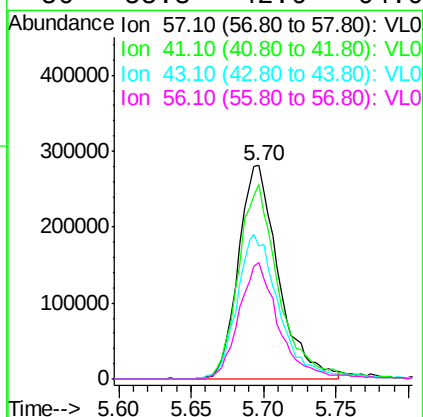
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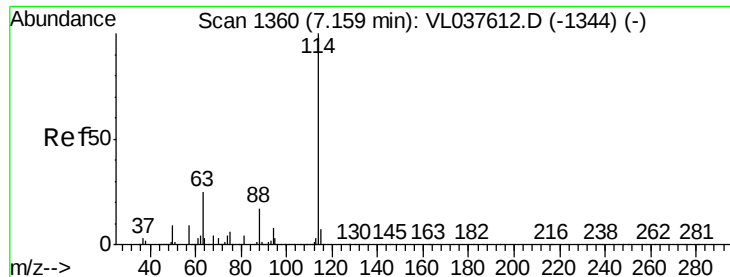
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#26
Hexane
Concen: 2.790 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.02 min
Lab File: VL037682.D
Acq: 27 Sep 2021 16:03

Tgt Ion	Ratio	Lower	Upper
57	100		
41	93.1	70.9	106.3
43	71.5	170.4	255.6#
56	55.3	42.6	64.0





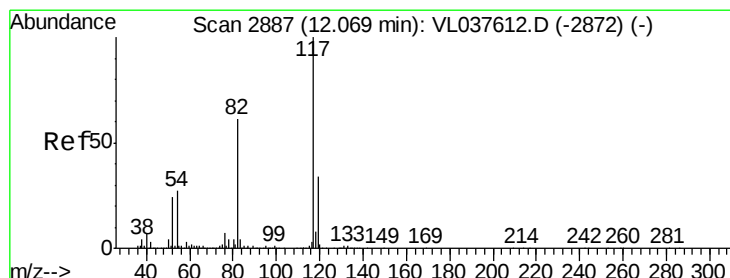
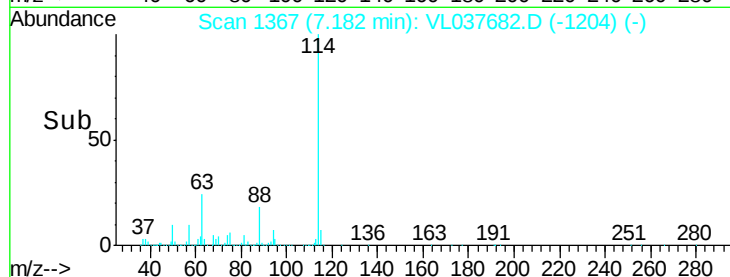
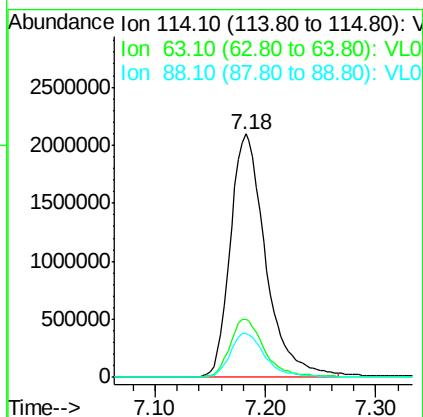
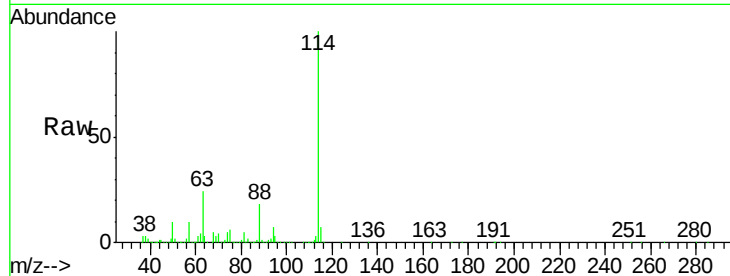
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.02 min
 Lab File: VL037682.D
 Acq: 27 Sep 2021 16:03

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-18BDL

Tgt Ion:114 Resp: 4653696
 Ion Ratio Lower Upper
 114 100
 63 23.9 19.6 29.4
 88 18.2 14.2 21.4

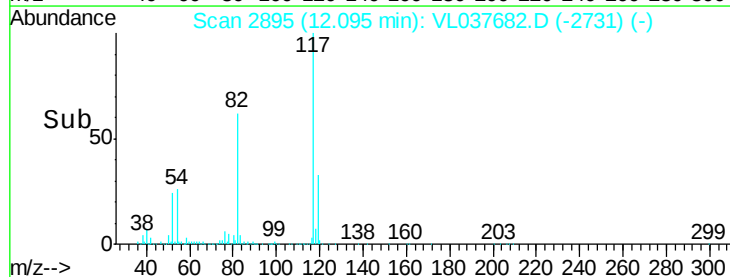
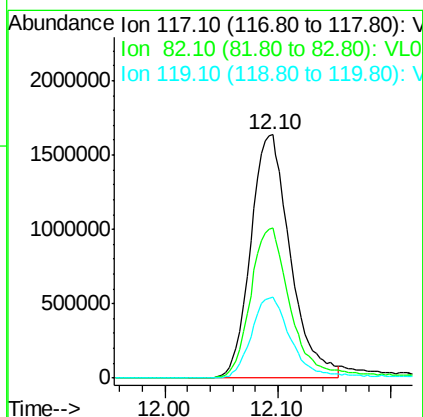
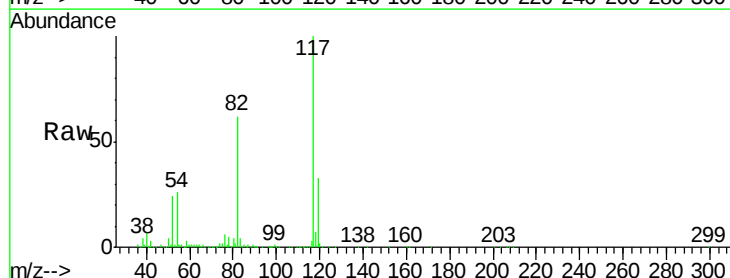
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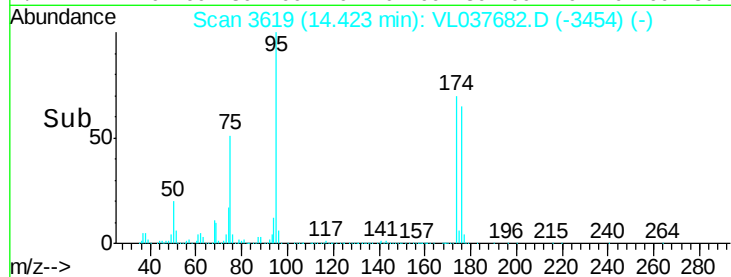
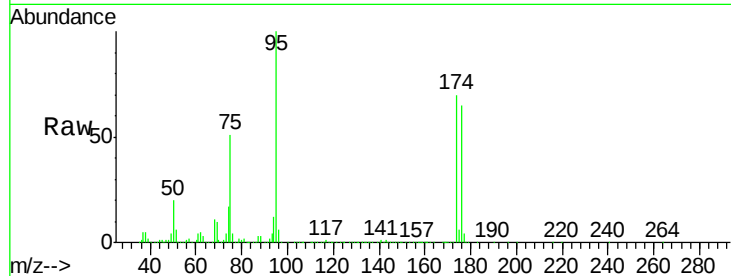
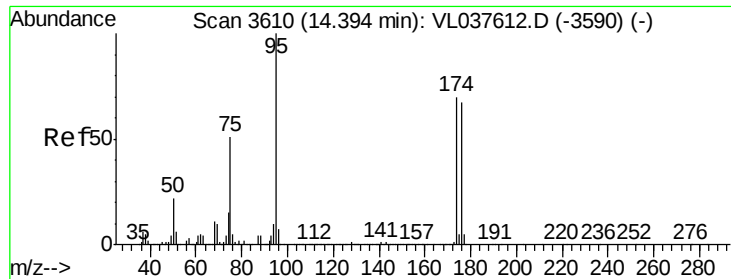
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2895
 Delta R.T. 0.03 min
 Lab File: VL037682.D
 Acq: 27 Sep 2021 16:03

Tgt Ion:117 Resp: 3975465
 Ion Ratio Lower Upper
 117 100
 82 64.4 50.6 75.8
 119 35.2 26.2 39.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.796 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.03 min

Lab File: VL037682.D

Acq: 27 Sep 2021 16:03

Tgt Ion: 95 Resp: 2814323

Ion Ratio Lower Upper

95 100

174 76.0 56.3 84.5

175 5.3 4.4 6.6

Instrument :

MSVOA_L

ClientSampleId :

IA-18BDL

Manual Integrations

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