

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036610.D
 Acq On : 31 Mar 2021 20:27
 Operator : SY/AP
 Sample : M1808-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AASG2DL

Manual Integrations
 APPROVED

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Quant Time: Apr 02 15:22:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1694030	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3750397	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3332102	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2636611	9.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	101719m	8.466	ppbv	
15) Acetone	3.87	43	132943	0.797	ppbv #	84
20) Methylene Chloride	4.35	84	215402	2.759	ppbv	90
26) Hexane	5.69	57	199618	1.085	ppbv #	45

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

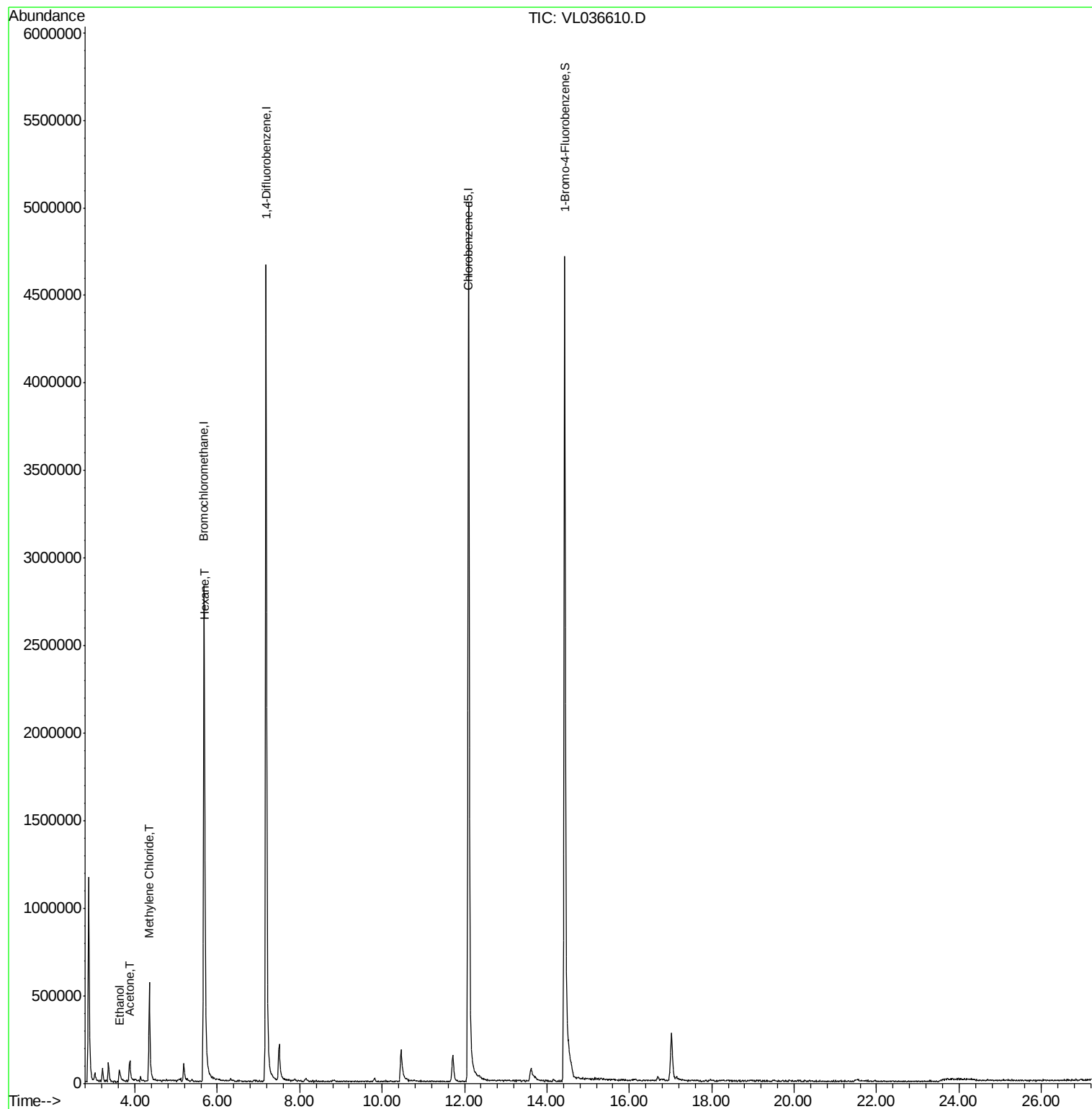
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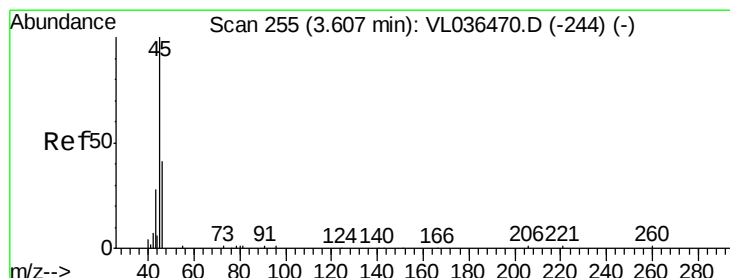
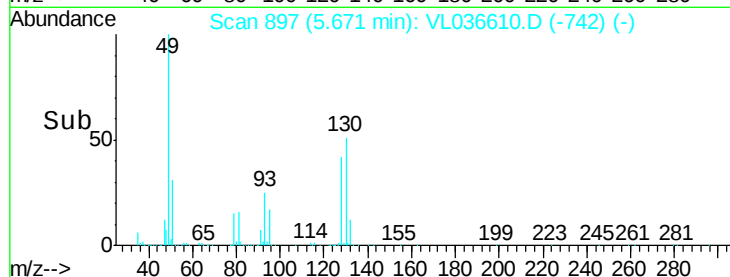
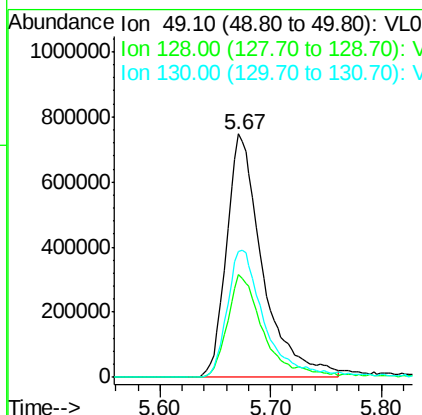
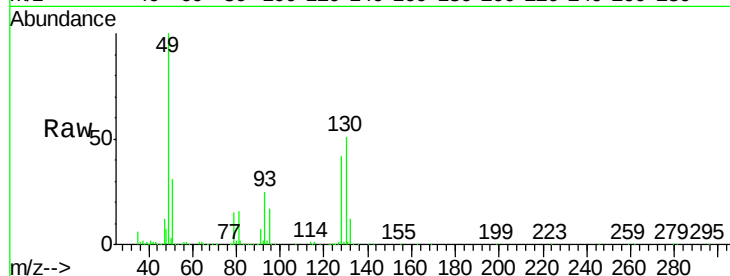
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL036610.D
Acq: 31 Mar 2021 20:27

Instrument :
MSVOA_L
ClientSampled :
AASG2DL

Tot Ion: 49 Resp: 1694030
Ion Ratio Lower Upper
49 100
128 43.6 23.5 70.6
130 55.6 29.1 87.4

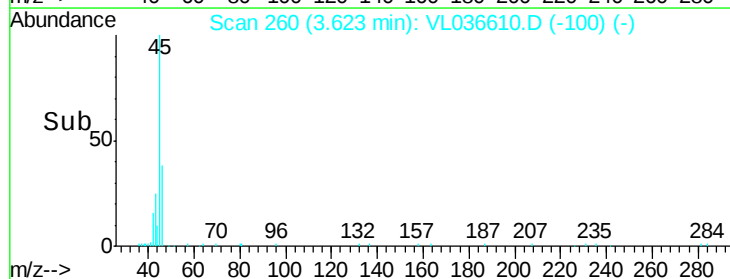
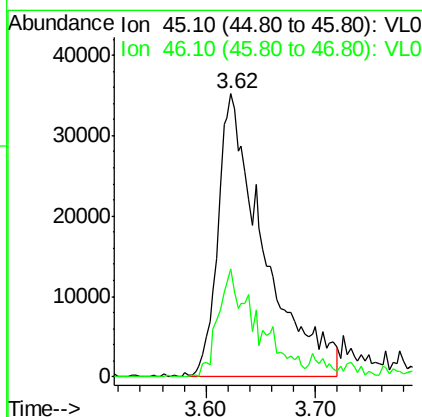
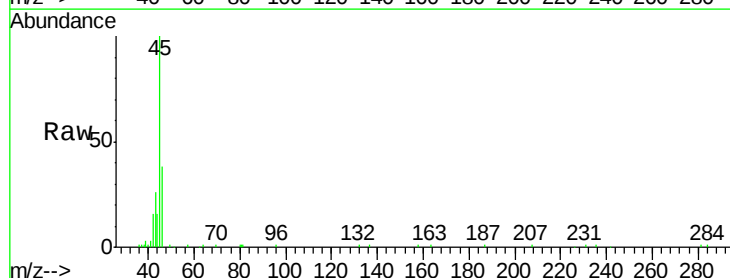
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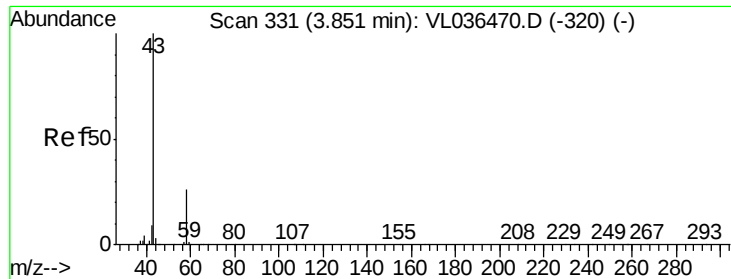
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#13
Ethanol
Concen: 8.466 ppbv m
RT: 3.62 min Scan# 260
Delta R.T. 0.02 min
Lab File: VL036610.D
Acq: 31 Mar 2021 20:27

Tgt Ion: 45 Resp: 101719
Ion Ratio Lower Upper
45 100
46 32.2 16.6 66.2





#15

Acetone

Concen: 0.797 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.02 min

Lab File: VL036610.D

Acq: 31 Mar 2021 20:27

Instrument :

MSVOA_L

ClientSampleId :

AASG2DL

Tot Ion: 43 Resp: 132943

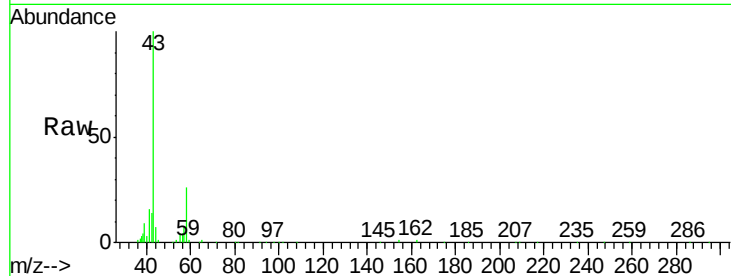
Ion Ratio Lower Upper

43 100

58 34.9 21.2 31.8#

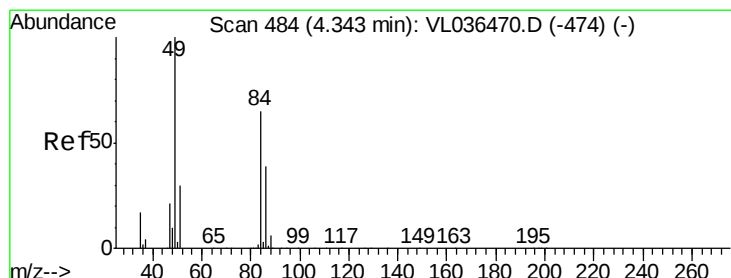
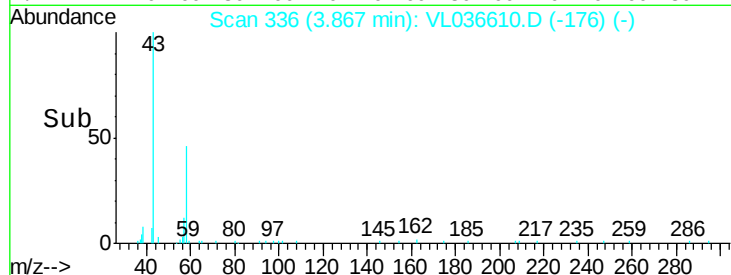
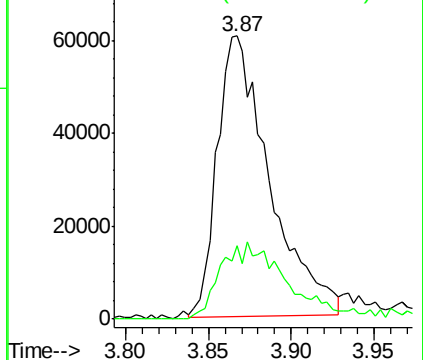
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 2.759 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036610.D

Acq: 31 Mar 2021 20:27

Tgt Ion: 84 Resp: 215402

Ion Ratio Lower Upper

84 100

49 170.4 122.9 184.3

51 55.1 36.9 55.3

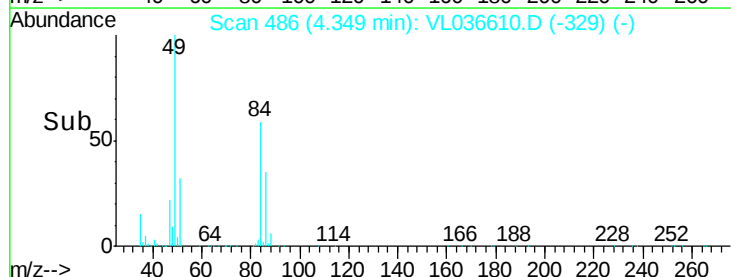
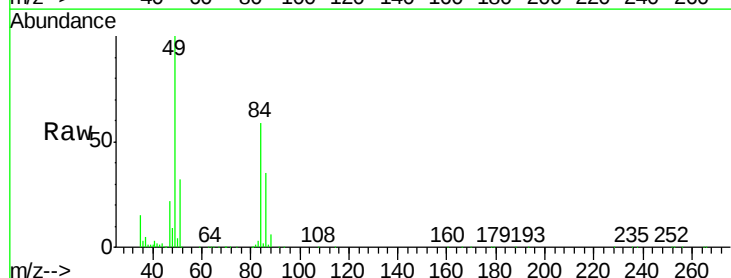
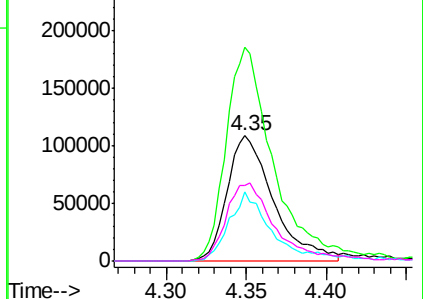
86 60.5 48.2 72.4

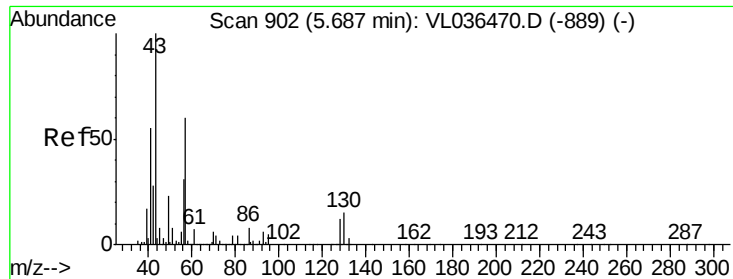
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





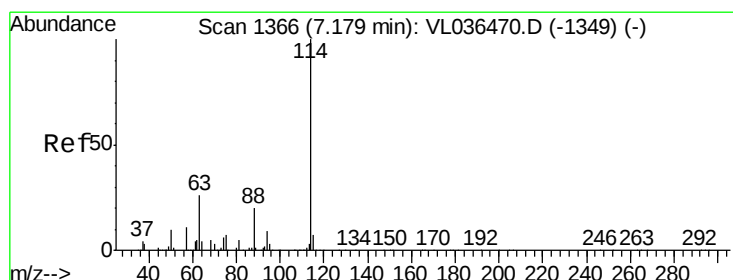
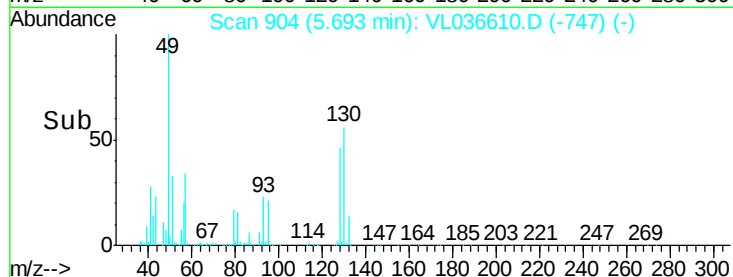
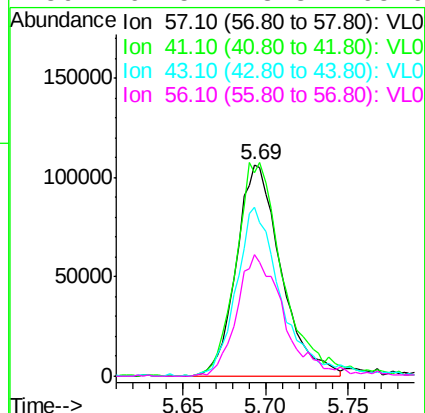
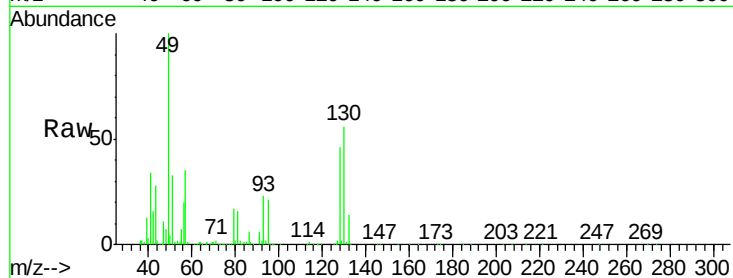
#26
Hexane
Concen: 1.085 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036610.D
Acq: 31 Mar 2021 20:27

Instrument :
MSVOA_L
ClientSampleId :
AASG2DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	110.1	77.2	115.8
43	82.1	173.8	260.6#
56	62.5	43.8	65.6

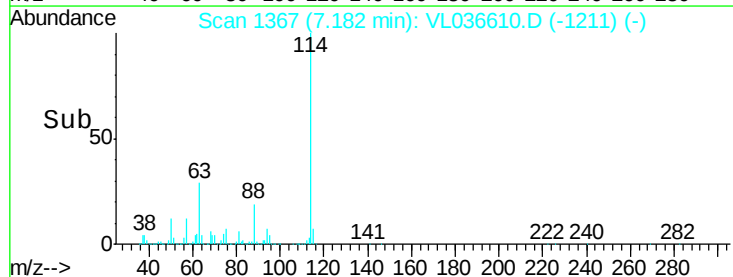
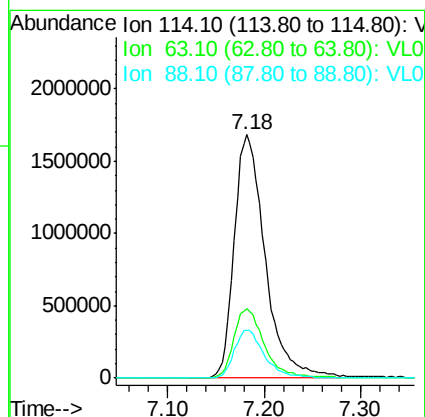
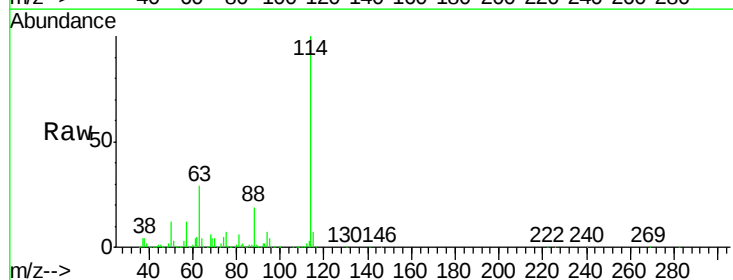
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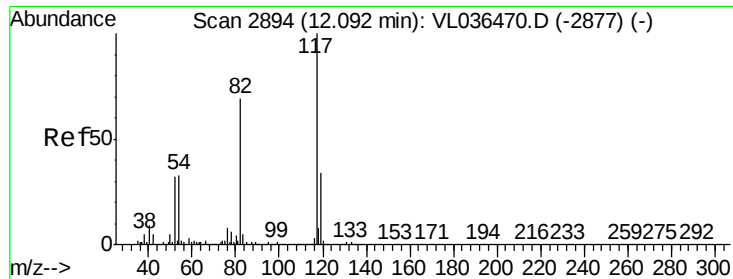
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VL036610.D
Acq: 31 Mar 2021 20:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.5	22.4	33.6
88	19.4	15.4	23.0





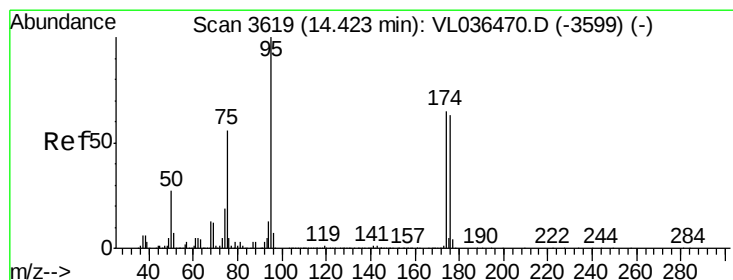
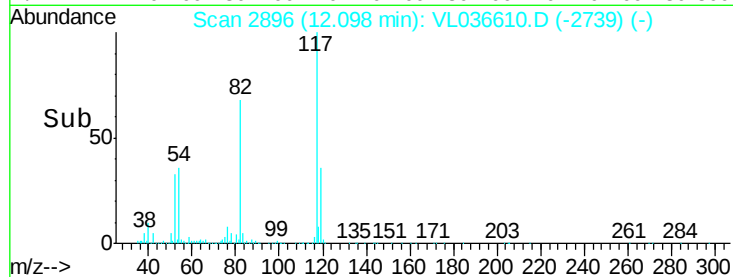
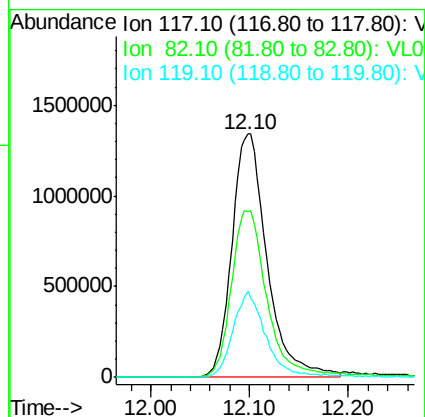
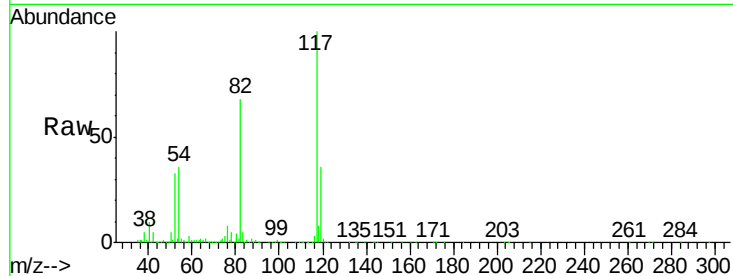
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. 0.01 min
Lab File: VL036610.D
Acq: 31 Mar 2021 20:27

Instrument :
MSVOA_L
ClientSampleId :
AASG2DL

Tot Ion:117 Resp: 3332102
Ion Ratio Lower Upper
117 100
82 71.4 57.4 86.0
119 33.9 47.4 71.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.928 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. 0.01 min
Lab File: VL036610.D
Acq: 31 Mar 2021 20:27

Tgt Ion: 95 Resp: 2636611
Ion Ratio Lower Upper
95 100
174 64.1 51.0 76.6
175 4.4 3.9 5.9

