

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036608.D
 Acq On : 31 Mar 2021 19:08
 Operator : SY/AP
 Sample : M1808-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AASG1DL

Manual Integrations
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Quant Time: Apr 02 15:20:18 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	1704509	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3799341	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3350793	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2631897	9.86	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	14054	0.138	ppbv	98
13) Ethanol	3.63	45	132326m	10.945	ppbv	
15) Acetone	3.86	43	146246	0.872	ppbv #	76
20) Methylene Chloride	4.35	84	380167	4.840	ppbv	99
26) Hexane	5.69	57	373915m	2.020	ppbv	

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

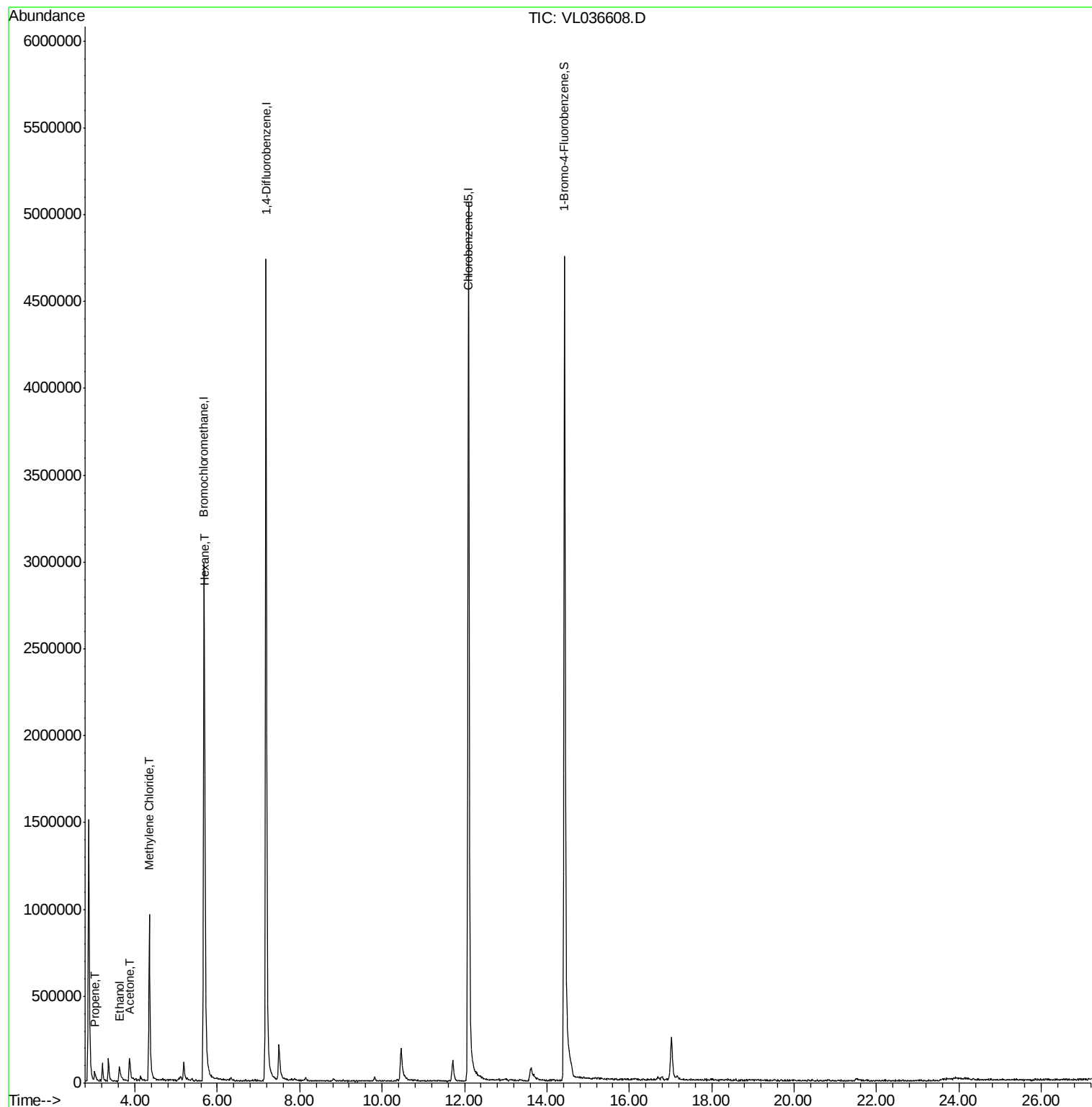
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033121\
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Quant Time: Apr 02 15:20:18 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

Lab File: VL036608.D

Acq: 31 Mar 2021 19:08

Instrument :

MSVOA_L

ClientSampled :

AASG1DL

Tot Ion: 49 Resp: 1704509

Ion Ratio Lower Upper

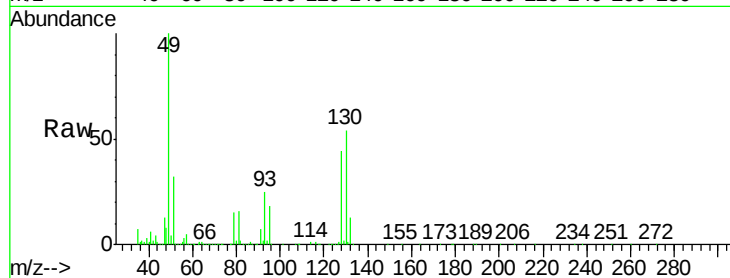
49 100

128 44.3 23.5 70.6

130 54.6 29.1 87.4

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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

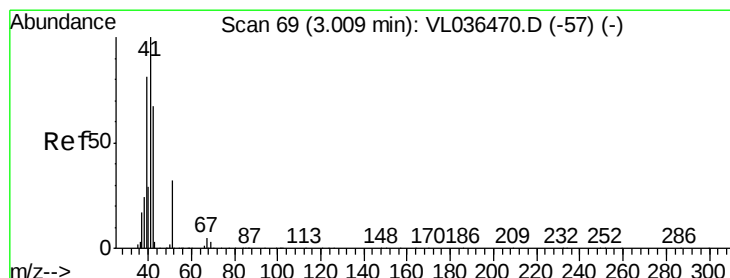
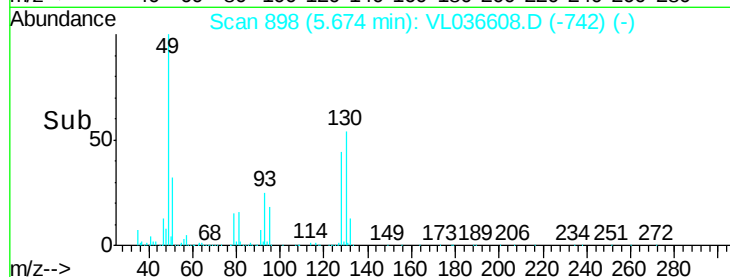
600000

400000

200000

0

Time-->



#9

Propene

Concen: 0.138 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.02 min

Lab File: VL036608.D

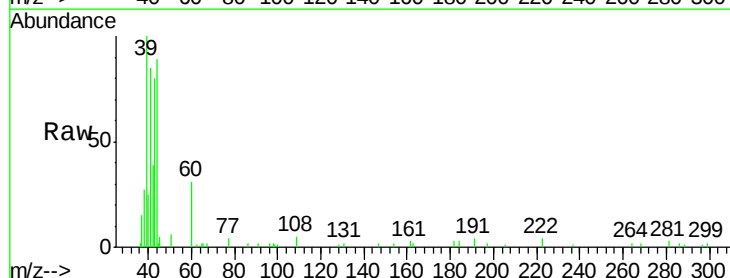
Acq: 31 Mar 2021 19:08

Tgt Ion: 41 Resp: 14054

Ion Ratio Lower Upper

41 100

42 69.6 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.02

10000

8000

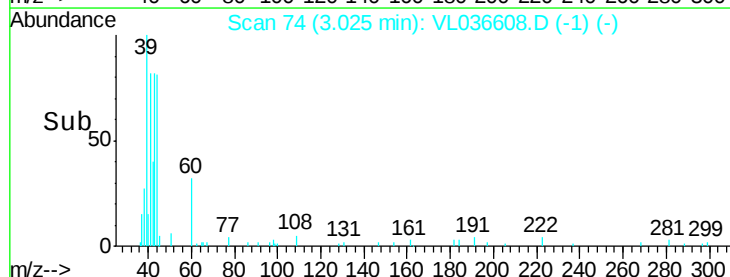
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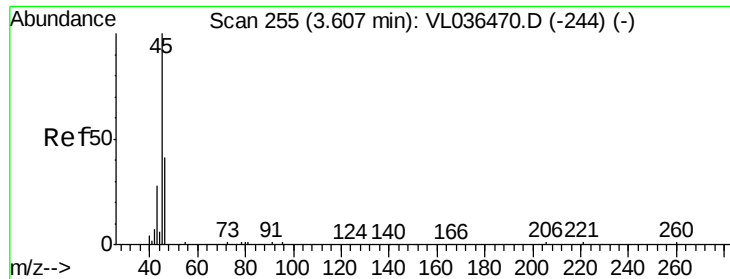
4000

2000

0

Time-->





#13

Ethanol

Concen: 10.945 ppbv m

RT: 3.63 min Scan# 261

Delta R.T. 0.02 min

Lab File: VL036608.D

Acq: 31 Mar 2021 19:08

Instrument :

MSVOA_L

ClientSampleID :

AASG1DL

Tot Ion: 45 Resp: 132326

Ion Ratio Lower Upper

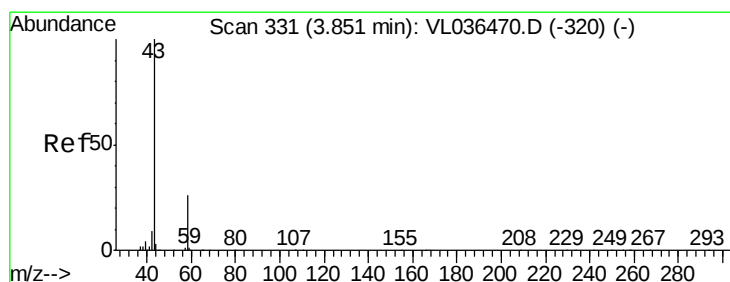
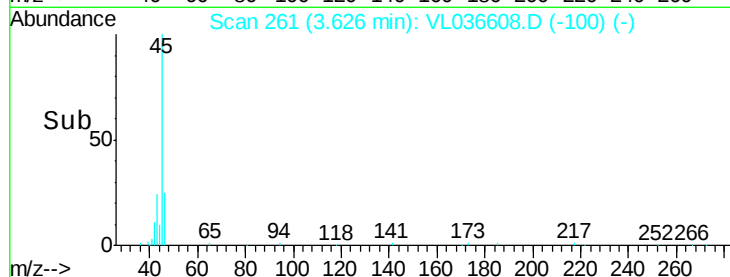
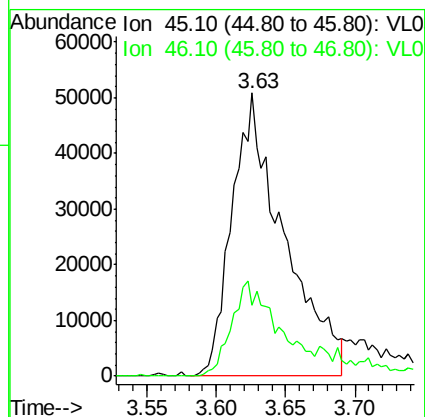
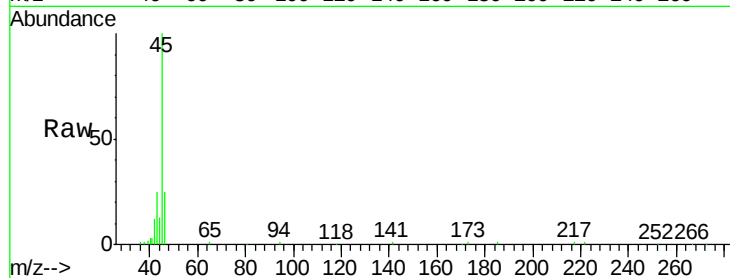
45 100

46 37.9 16.6 66.2

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#15

Acetone

Concen: 0.872 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL036608.D

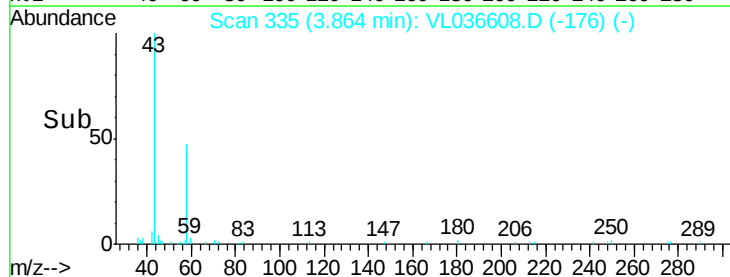
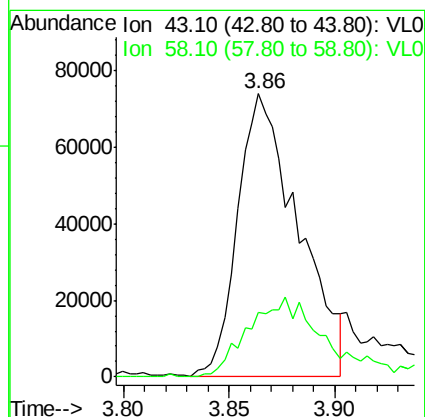
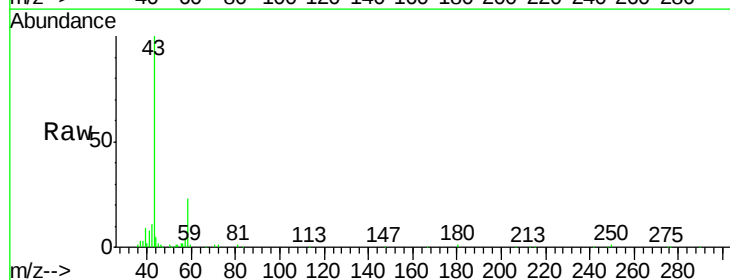
Acq: 31 Mar 2021 19:08

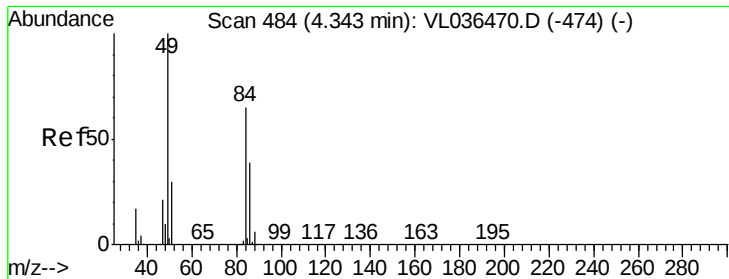
Tgt Ion: 43 Resp: 146246

Ion Ratio Lower Upper

43 100

58 38.6 21.2 31.8#





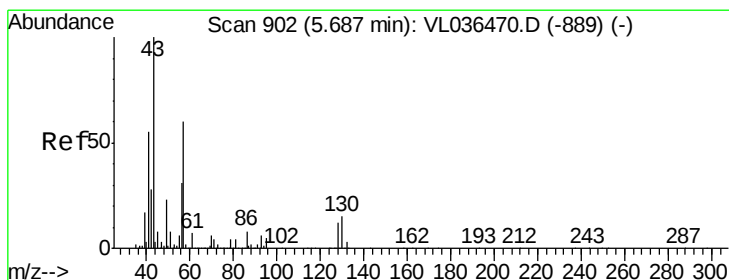
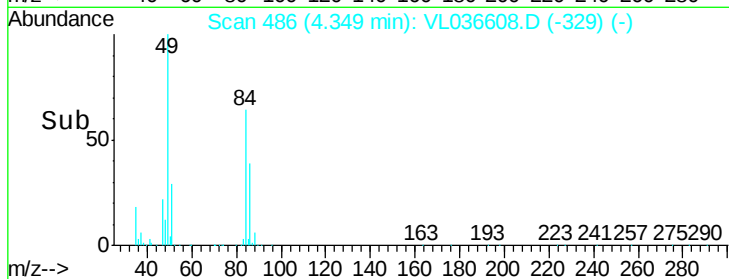
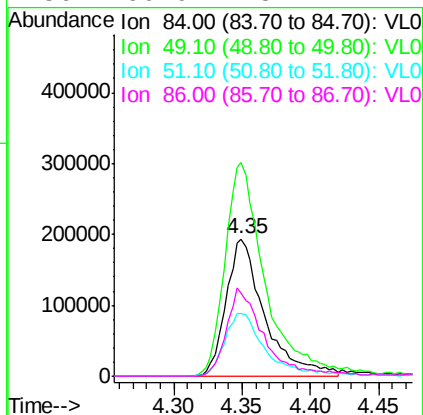
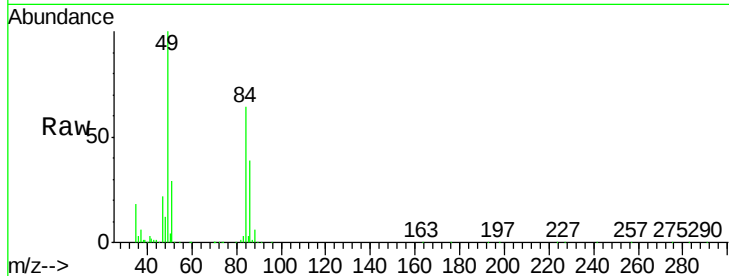
#20
Methvlene Chloride
Concen: 4.840 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Instrument :
MSVOA_L
ClientSampleId :
AASG1DL

Tot Ion:	84	Resp:	380167
Ion	Ratio	Lower	Upper
84	100		
49	155.6	122.9	184.3
51	45.7	36.9	55.3
86	60.9	48.2	72.4

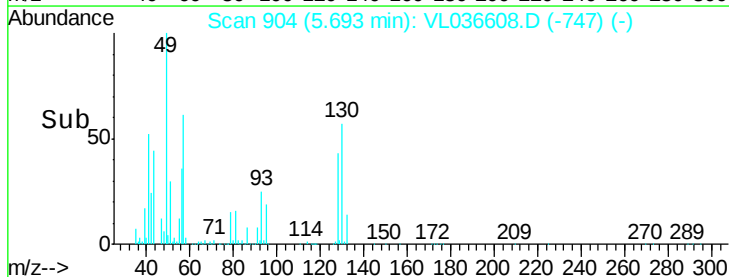
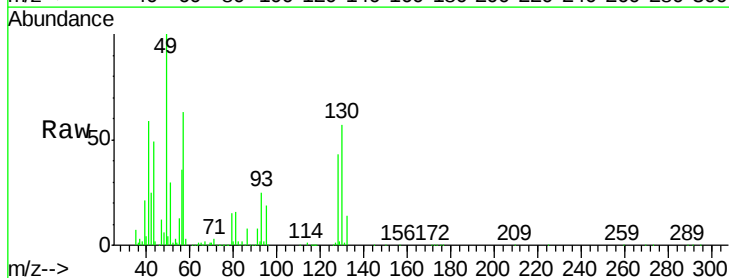
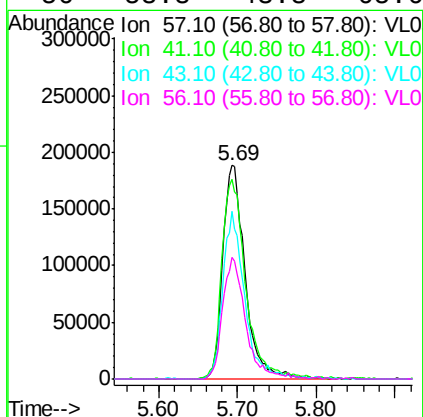
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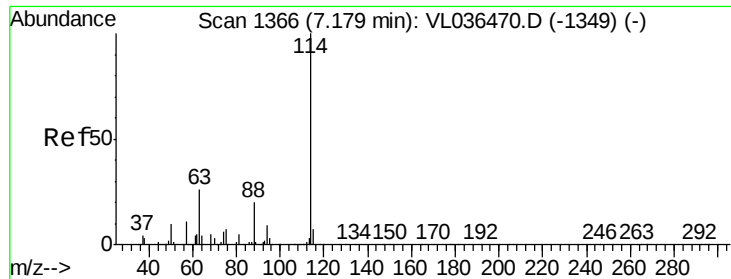
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#26
Hexane
Concen: 2.020 ppbv m
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Tgt Ion:	57	Resp:	373915
Ion	Ratio	Lower	Upper
57	100		
41	101.1	77.2	115.8
43	76.7	173.8	260.6#
56	58.8	43.8	65.6





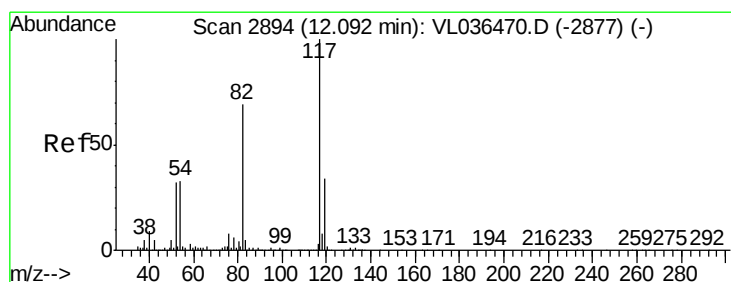
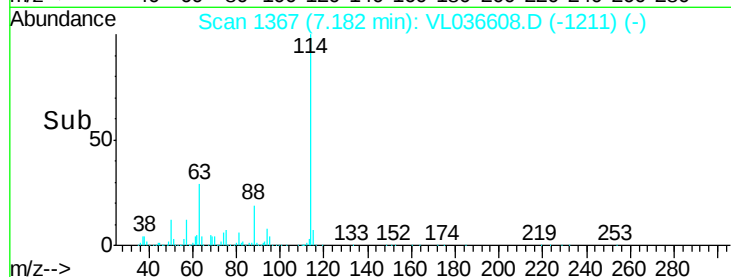
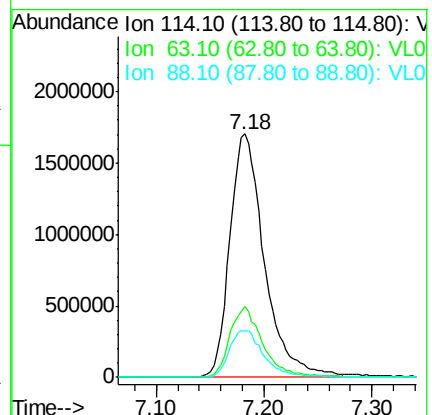
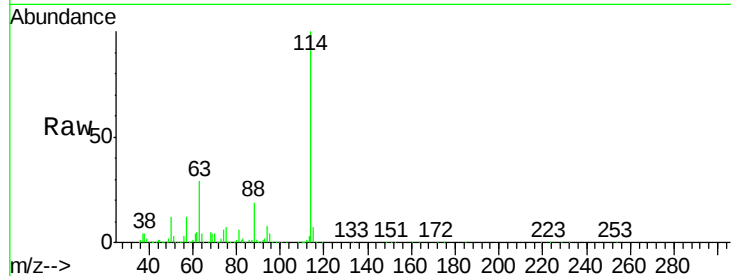
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VL036608.D
 Acq: 31 Mar 2021 19:08

Instrument :
 MSVOA_L
 ClientSampleId :
 AASG1DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.3	22.4	33.6
88	19.8	15.4	23.0

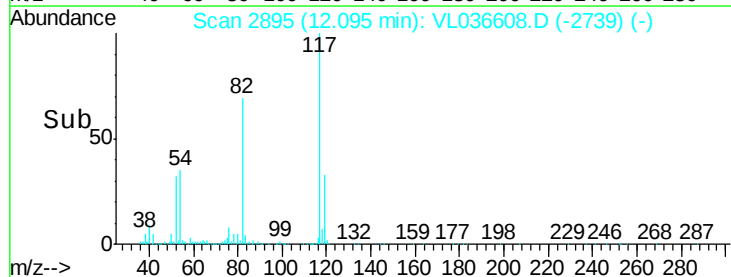
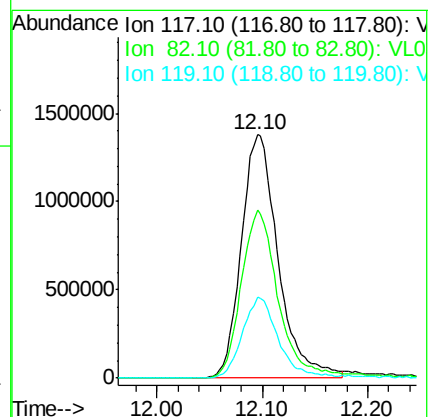
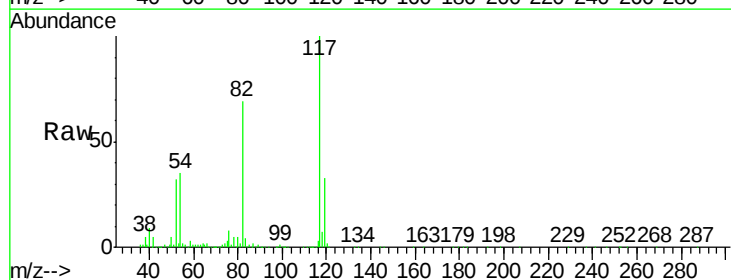
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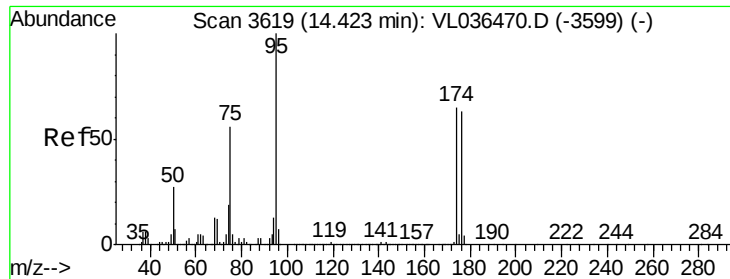
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2895
 Delta R.T. 0.00 min
 Lab File: VL036608.D
 Acq: 31 Mar 2021 19:08

Tgt Ion	Ratio	Lower	Upper
117	100		
82	70.8	57.4	86.0
119	33.4	47.4	71.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.855 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. 0.00 min
 Lab File: VL036608.D
 Acq: 31 Mar 2021 19:08

Instrument :
 MSVOA_L
 ClientSampleId :
 AASG1DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.9	51.0	76.6
175	4.7	3.9	5.9

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