

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036606.D
 Acq On : 31 Mar 2021 17:49
 Operator : SY/AP
 Sample : M1840-05DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSB-SS-3DL

Manual Integrations
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 4/2/2021 6:52:45 PM

Quant Time: Apr 02 15:16:26 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	1641956	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3944002	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3451236	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2750978	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	20237m	0.207	ppbv	
13) Ethanol	3.61	45	170511m	14.641	ppbv	
15) Acetone	3.85	43	693960	4.294	ppbv #	86
19) Isopropyl Alcohol	3.99	45	247105m	2.780	ppbv	
20) Methylene Chloride	4.35	84	339751	4.490	ppbv	86
26) Hexane	5.69	57	406911m	2.282	ppbv	
34) 2-Butanone	5.26	43	100172	0.520	ppbv #	84
36) Benzene	6.90	78	74028m	0.204	ppbv	
53) Toluene	9.82	91	48071m	0.124	ppbv	

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

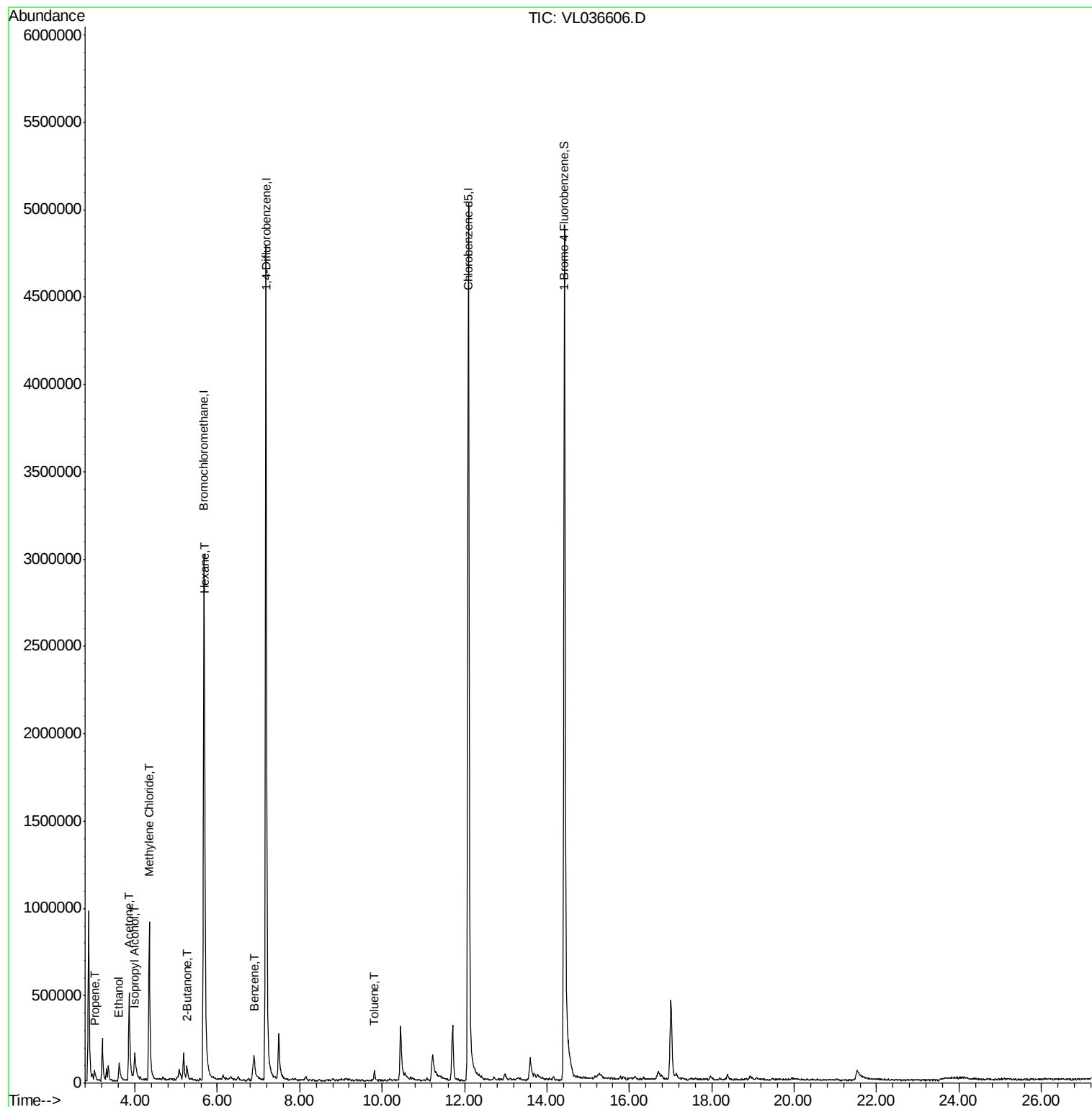
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033121\
Data File : VL036606.D
Acq On : 31 Mar 2021 17:49
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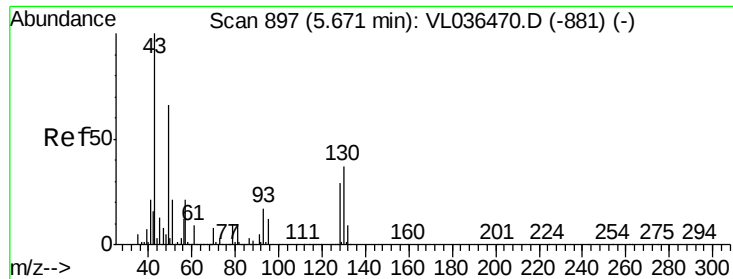
Instrument :
MSVOA_L
ClientSampleId :
SSB-SS-3DL

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Quant Time: Apr 02 15:16:26 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# 897

Delta R.T. -0.00 min

Lab File: VL036606.D

Acq: 31 Mar 2021 17:49

Instrument :

MSVOA_L

ClientSampled :

SSB-SS-3DL

Tot Ion: 49 Resp: 1641956

Ion Ratio Lower Upper

49 100

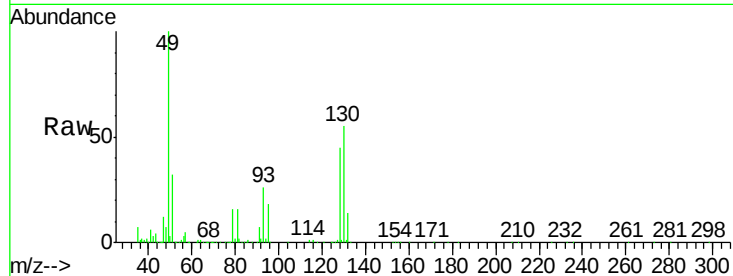
128 45.3 23.5 70.6

130 58.2 29.1 87.4

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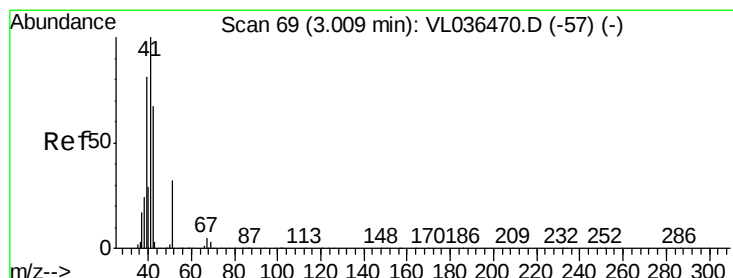
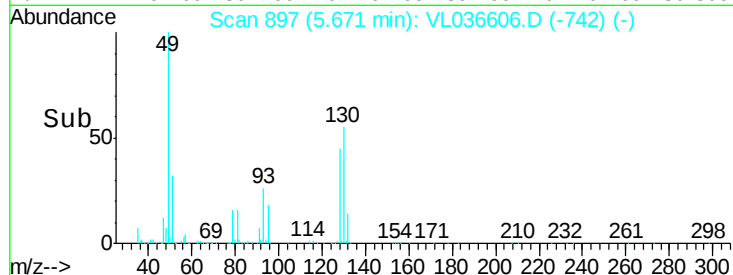
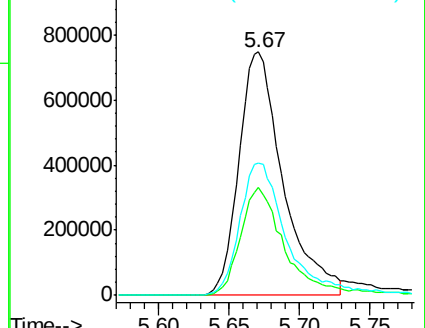
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.207 ppbv m

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL036606.D

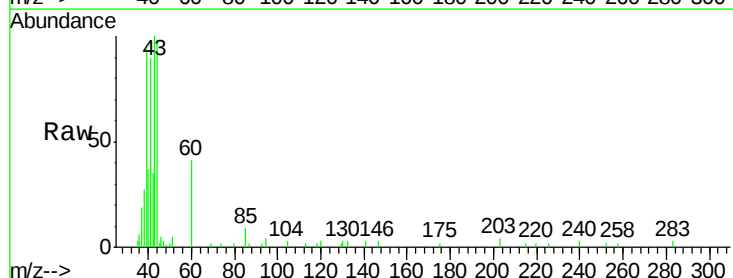
Acq: 31 Mar 2021 17:49

Tgt Ion: 41 Resp: 20237

Ion Ratio Lower Upper

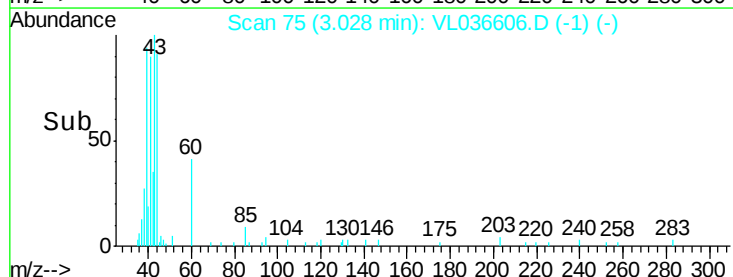
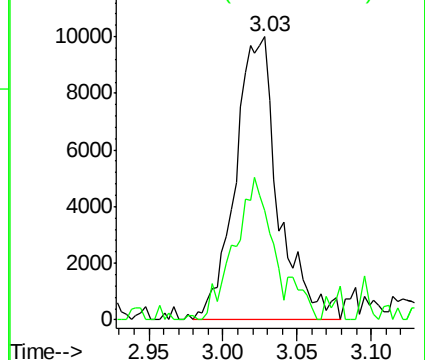
41 100

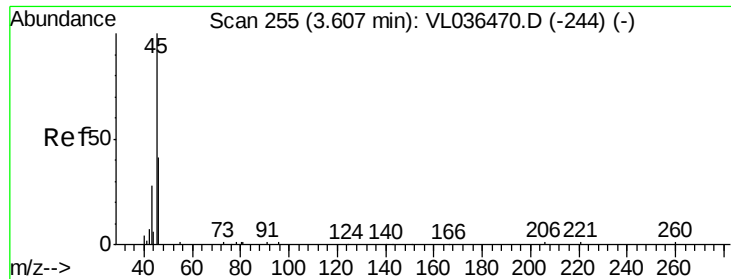
42 48.0 57.0 85.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





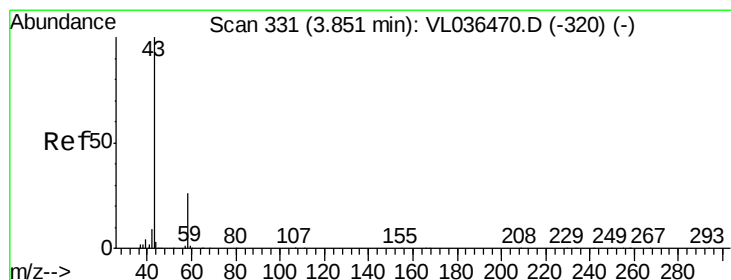
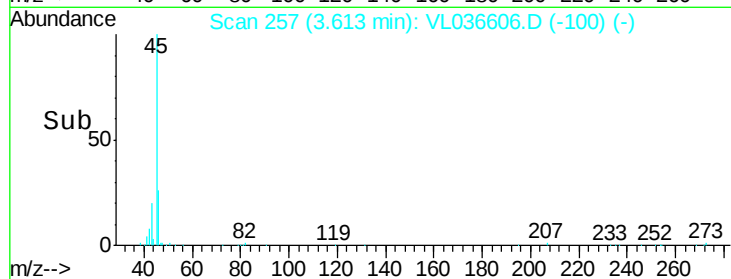
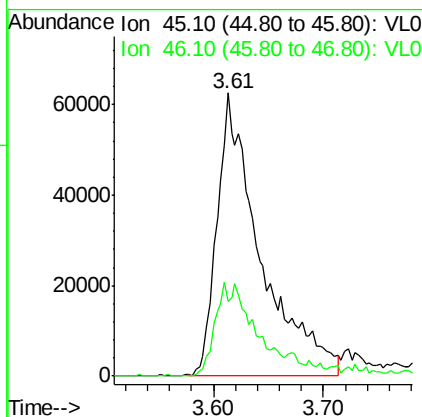
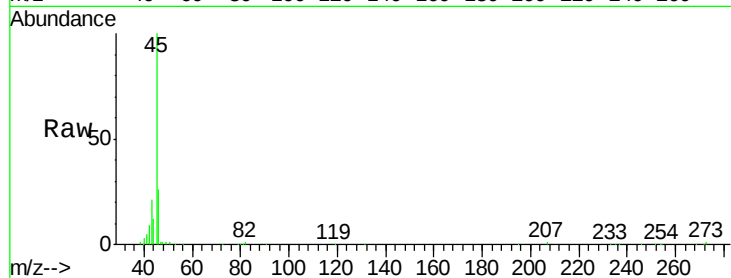
#13
Ethanol
Concen: 14.641 ppbv m
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL036606.D
Acq: 31 Mar 2021 17:49

Instrument :
MSVOA_L
ClientSampleId :
SSB-SS-3DL

Tot Ion	45	46	Ratio	Lower	Upper
Resp:	170511				
Ion	45	46	100	16.6	66.2

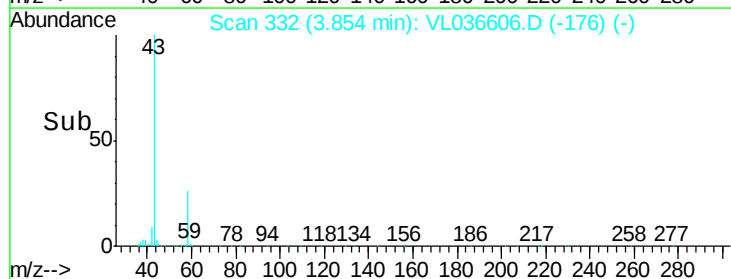
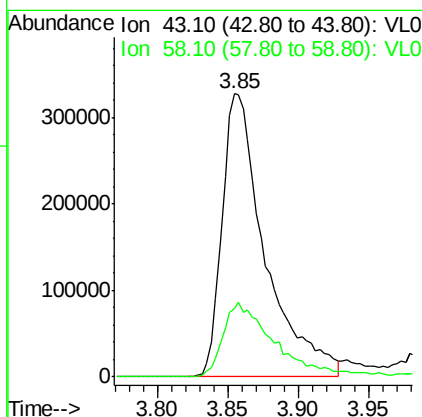
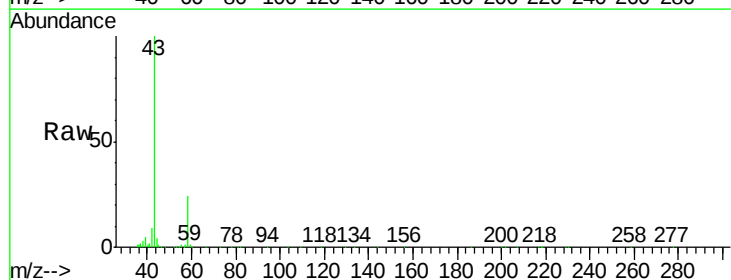
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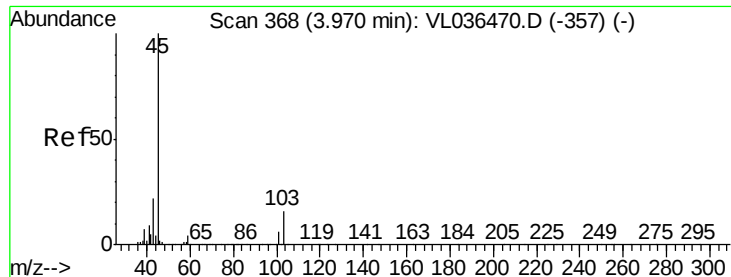
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#15
Acetone
Concen: 4.294 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL036606.D
Acq: 31 Mar 2021 17:49

Tgt Ion	43	58	Ratio	Lower	Upper
Resp:	693960				
Ion	43	58	100	21.2	31.8#





#19

Isopropyl Alcohol

Concen: 2.780 ppbv m

RT: 3.99 min Scan# 375

Delta R.T. 0.02 min

Lab File: VL036606.D

Acq: 31 Mar 2021 17:49

Tot Ion: 45 Resp: 247105

Ion Ratio Lower Upper

45 100

58 3.4 2.9 4.3

Instrument :

MSVOA_L

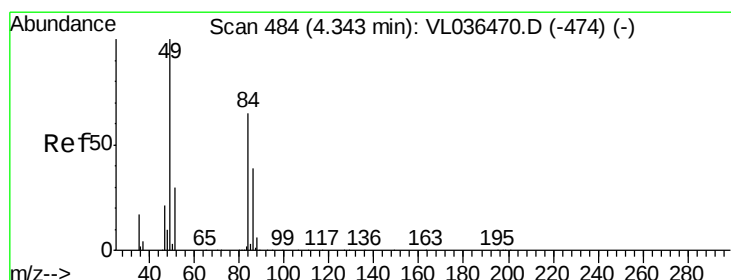
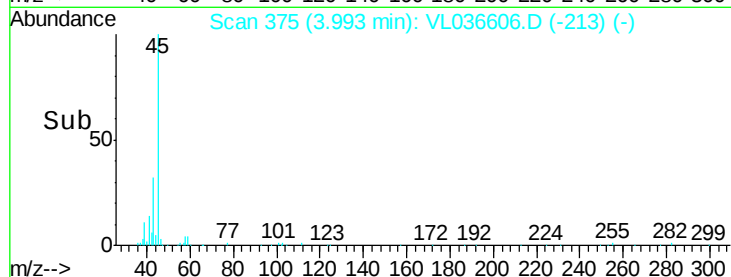
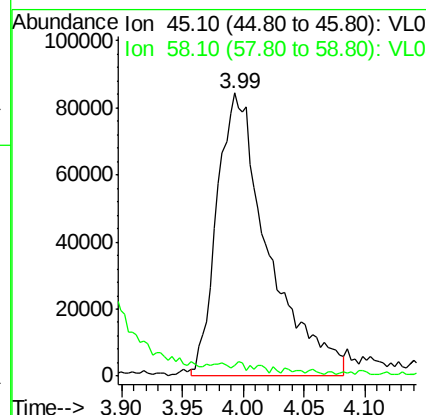
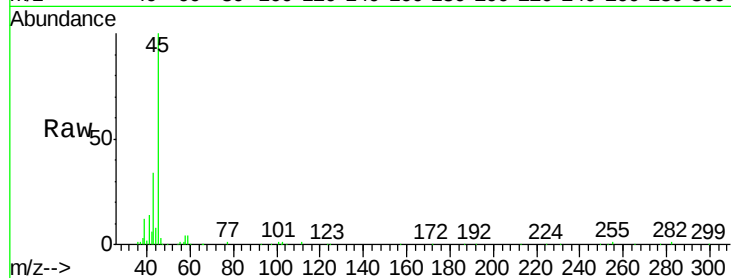
ClientSampled :

SSB-SS-3DL

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4/2/2021 6:52:45 PM



#20

Methylene Chloride

Concen: 4.490 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL036606.D

Acq: 31 Mar 2021 17:49

Tgt Ion: 84 Resp: 339751

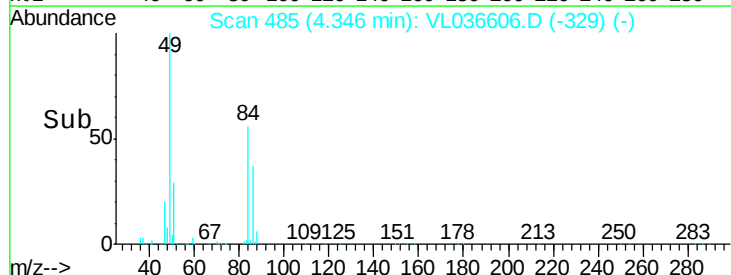
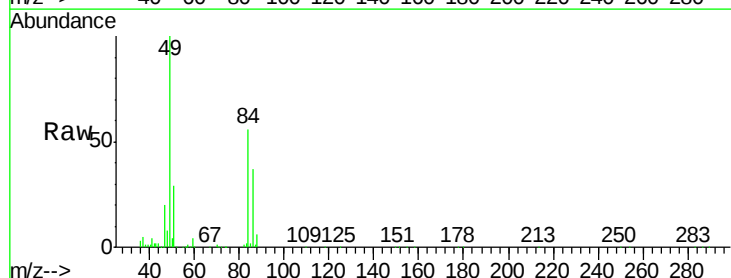
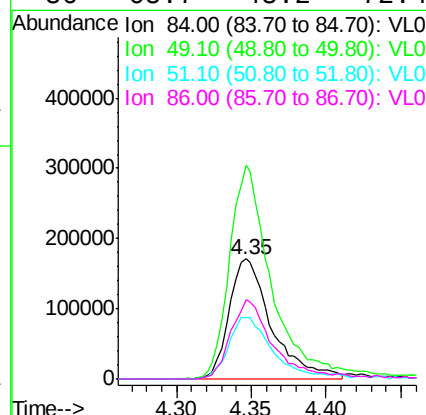
Ion Ratio Lower Upper

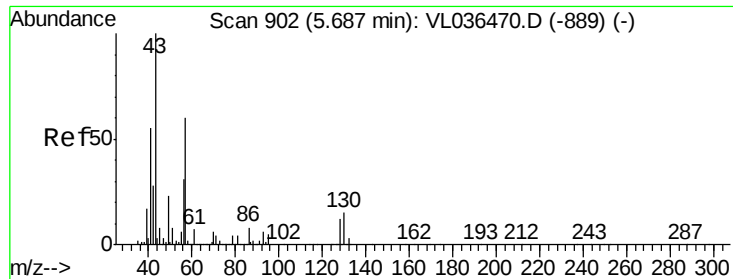
84 100

49 177.5 122.9 184.3

51 51.2 36.9 55.3

86 65.7 48.2 72.4





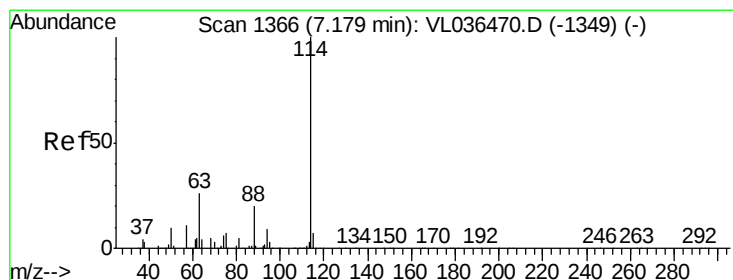
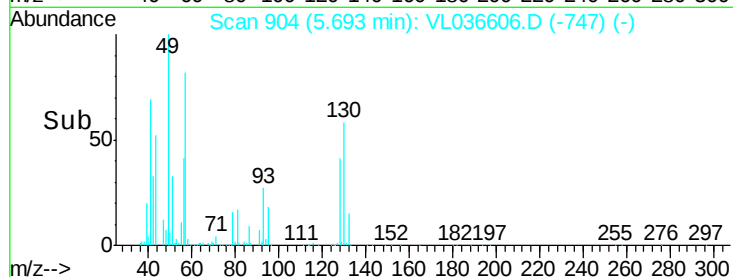
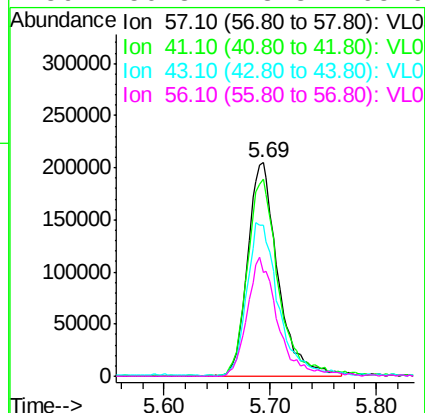
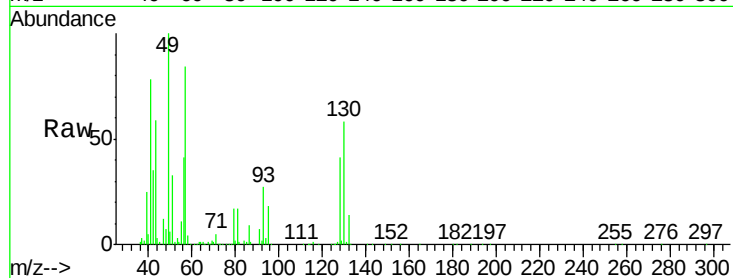
#26
Hexane
Concen: 2.282 ppbv m
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036606.D
Acq: 31 Mar 2021 17:49

Instrument :
MSVOA_L
ClientSampleId :
SSB-SS-3DL

Tot Ion	57	Resp	406911
Ion	Ratio	Lower	Upper
57	100		
41	96.1	77.2	115.8
43	75.3	173.8	260.6#
56	56.3	43.8	65.6

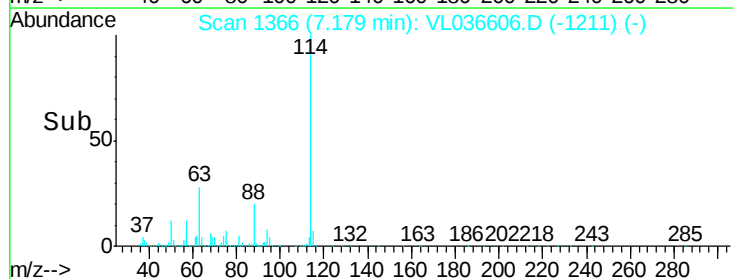
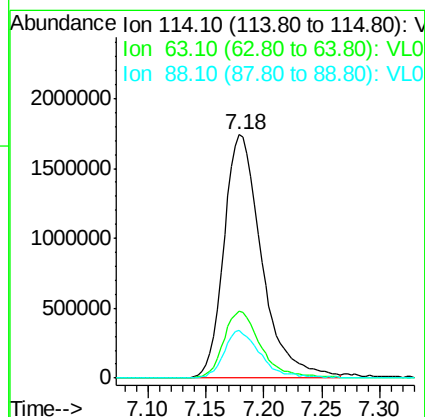
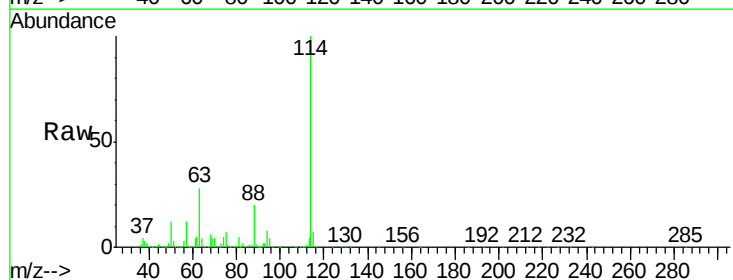
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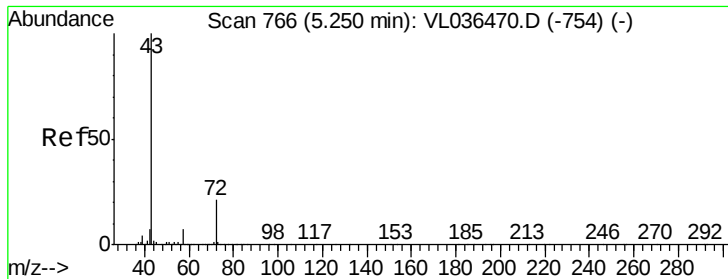
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VL036606.D
Acq: 31 Mar 2021 17:49

Tgt Ion	114	Resp	3944002
Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.4	33.6
88	19.2	15.4	23.0





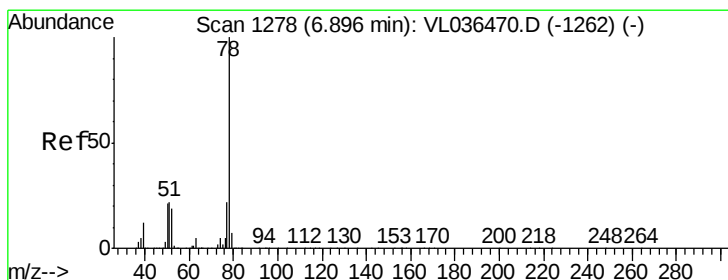
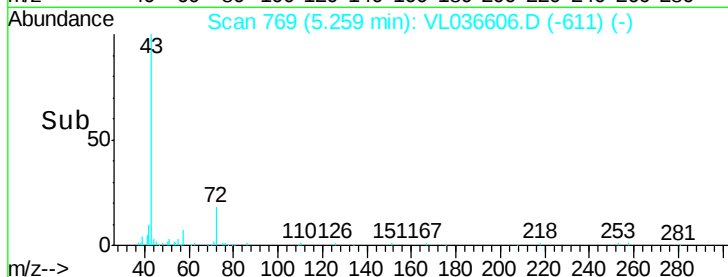
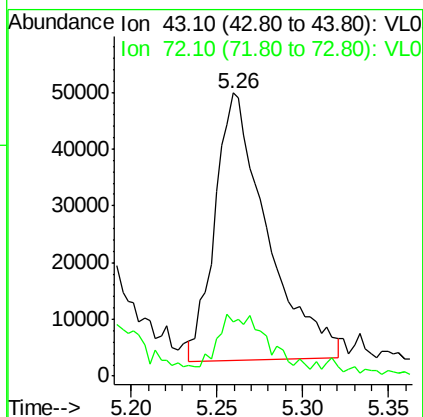
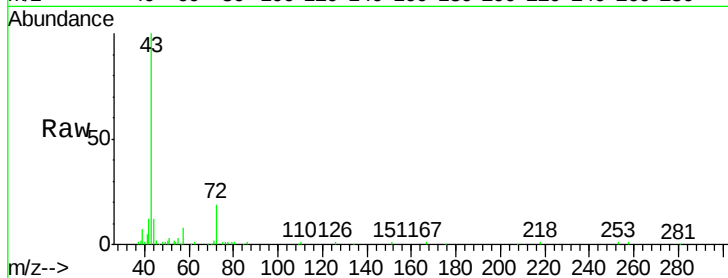
#34
2-Butanone
Concen: 0.520 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL036606.D
Acq: 31 Mar 2021 17:49

Instrument :
MSVOA_L
ClientSampled :
SSB-SS-3DL

Tot Ion: 43 Resp: 100172
Ion Ratio Lower Upper
43 100
72 28.8 17.0 25.6#

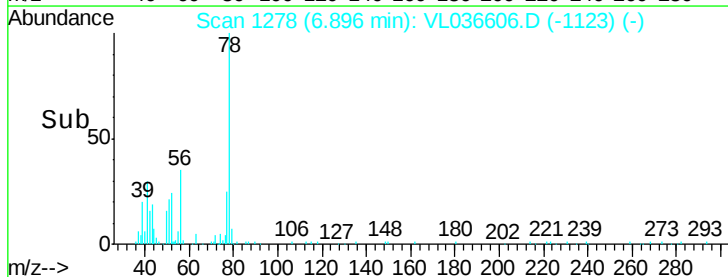
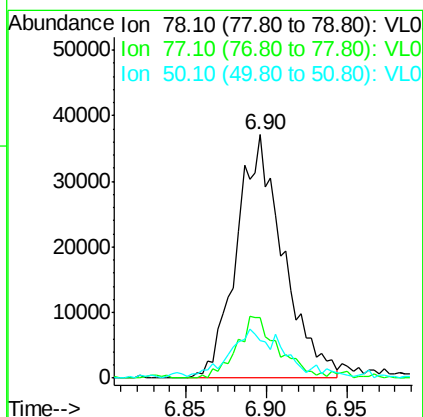
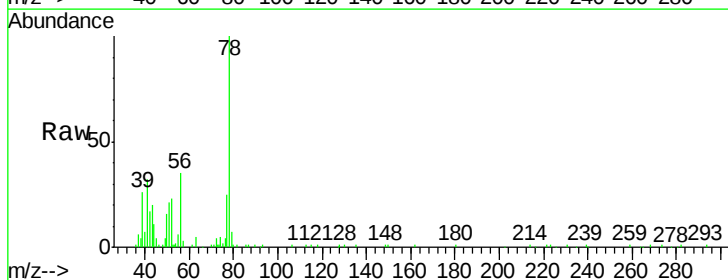
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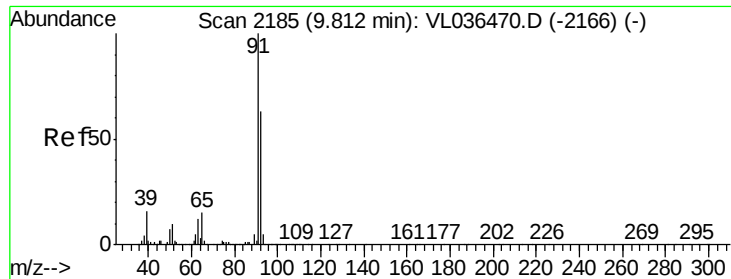
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#36
Benzene
Concen: 0.204 ppbv m
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL036606.D
Acq: 31 Mar 2021 17:49

Tgt Ion: 78 Resp: 74028
Ion Ratio Lower Upper
78 100
77 24.7 18.0 27.0
50 15.7 16.5 24.7#





#53

Toluene

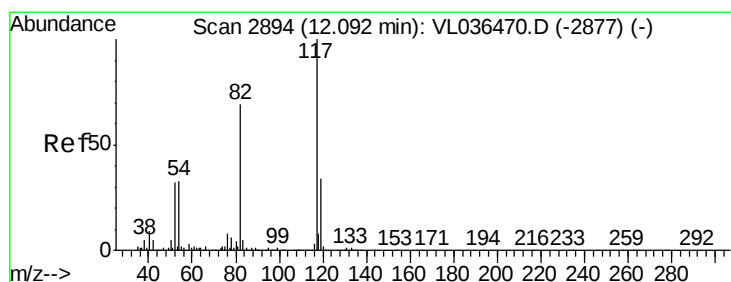
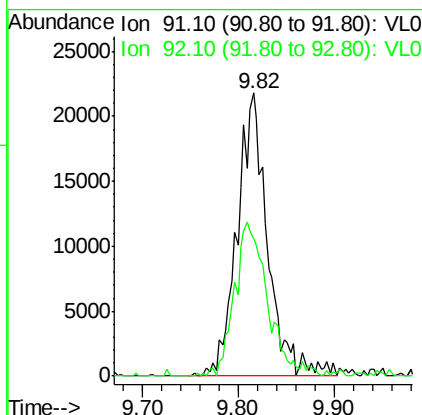
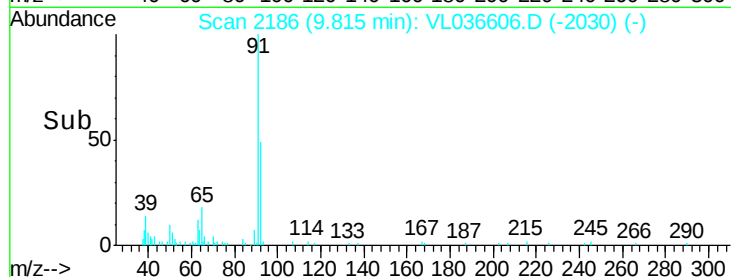
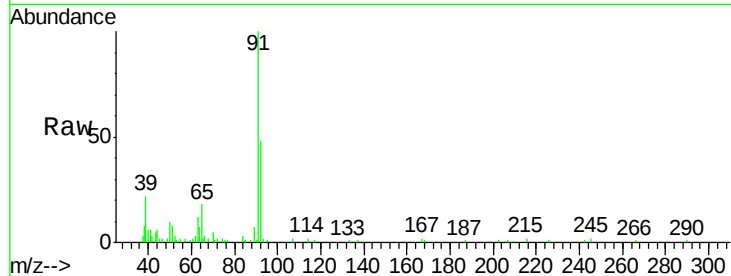
Concen: 0.124 ppbv m
RT: 9.82 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VL036606.D
Acq: 31 Mar 2021 17:49

Instrument :
MSVOA_L
ClientSampleId :
SSB-SS-3DL

Tot Ion: 91 Resp: 48071
Ion Ratio Lower Upper
91 100
92 60.2 48.8 73.2

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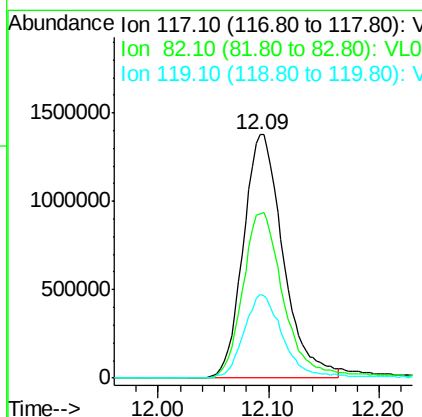
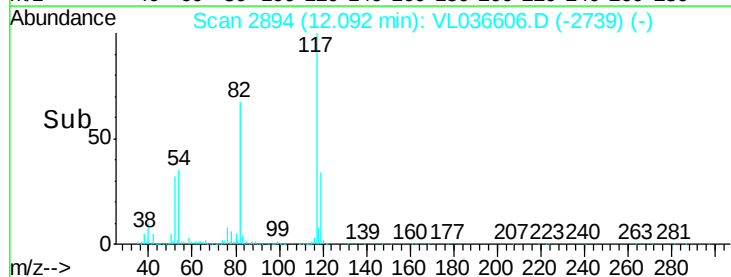
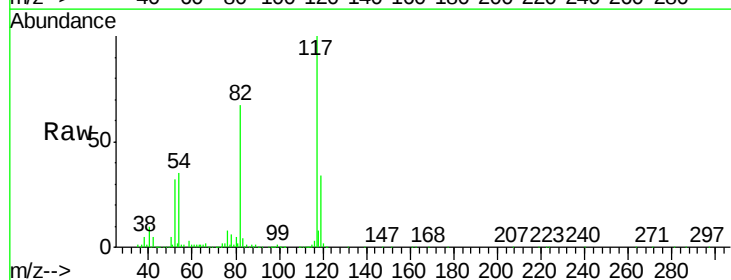


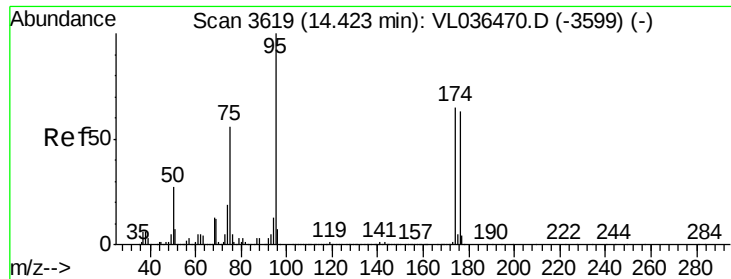
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL036606.D
Acq: 31 Mar 2021 17:49

Tgt Ion: 117 Resp: 3451236
Ion Ratio Lower Upper
117 100
82 71.3 57.4 86.0
119 34.4 47.4 71.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.001 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. 0.00 min
 Lab File: VL036606.D
 Acq: 31 Mar 2021 17:49

Instrument :
 MSVOA_L
 ClientSampleId :
 SSB-SS-3DL

Tot Ion: 95 Resp: 2750978
 Ion Ratio Lower Upper
 95 100
 174 64.9 51.0 76.6
 175 5.2 3.9 5.9

Manual Integrations
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