

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037258.D
 Acq On : 29 Jun 2021 20:49
 Operator : SY/AP
 Sample : M2887-05DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-5DL

Manual Integrations
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 7/5/2021 3:38:49 PM

Quant Time: Jun 30 06:52:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Wed Jun 1
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1615033	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4770832	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	4232364	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3145394	9.81	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	1060150	10.558	ppbv	94
10) Heptane	8.11	43	42942	0.177	ppbv #	77
13) Ethanol	3.62	45	16762m	1.079	ppbv	
15) Acetone	3.85	43	477659	2.623	ppbv	94
20) Methylene Chloride	4.34	84	287306	2.635	ppbv	93
26) Hexane	5.68	57	237941	1.194	ppbv #	43
34) 2-Butanone	5.26	43	187321m	1.010	ppbv	
36) Benzene	6.88	78	98395	0.255	ppbv	99
51) 2-Hexanone	10.15	43	16050m	0.129	ppbv	
53) Toluene	9.80	91	89457m	0.194	ppbv	

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

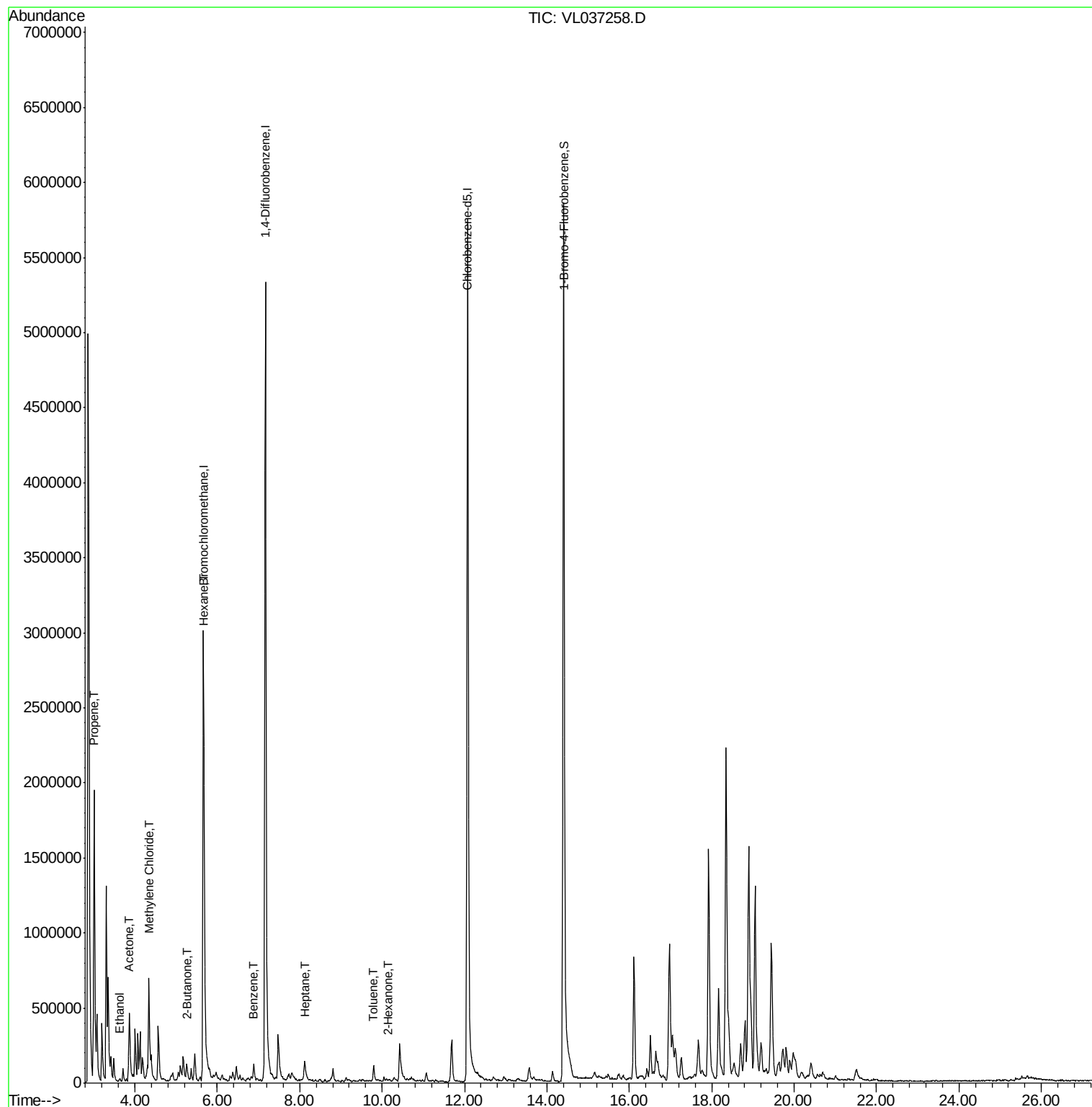
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062921\
Data File : VL037258.D
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Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

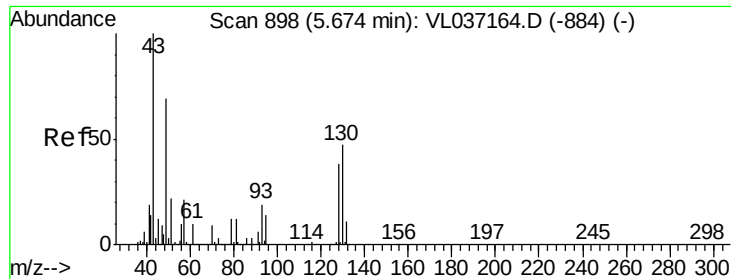
Instrument :
MSVOA_L
ClientSampleId :
SV-5DL

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7/5/2021 3:38:49 PM

Quant Time: Jun 30 06:52:29 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





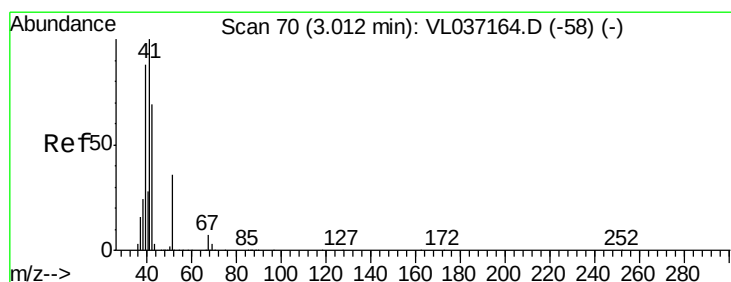
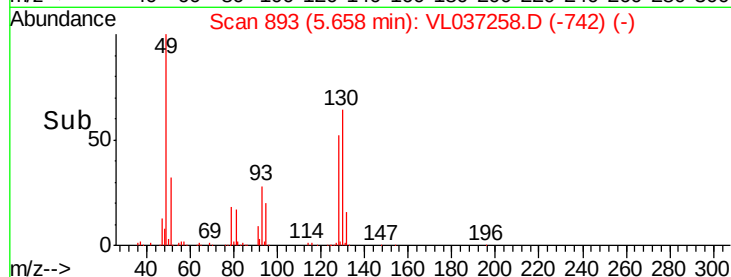
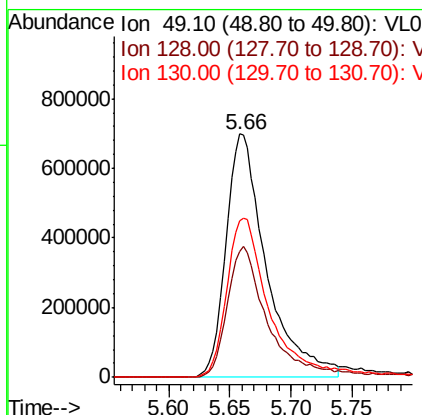
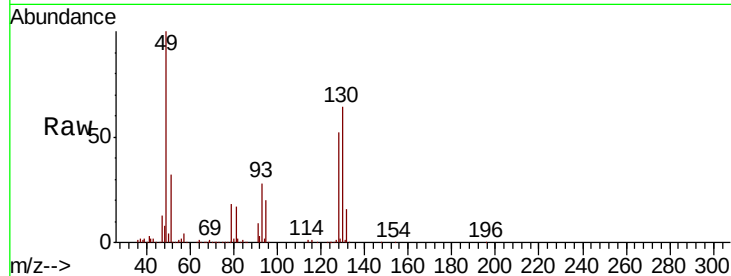
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL037258.D
Acq: 29 Jun 2021 20:49

Instrument :
MSVOA_L
ClientSampleId :
SV-5DL

Tot Ion: 49 Resp: 1615033
Ion Ratio Lower Upper
49 100
128 55.8 29.3 88.0
130 72.9 35.9 107.8

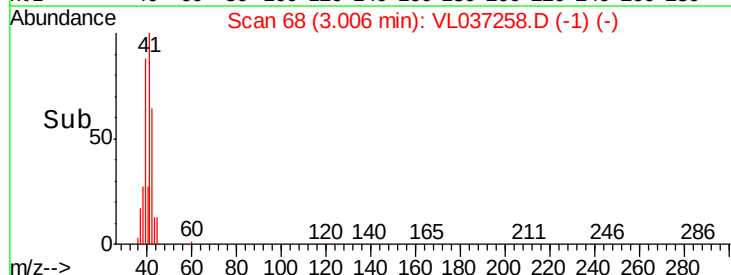
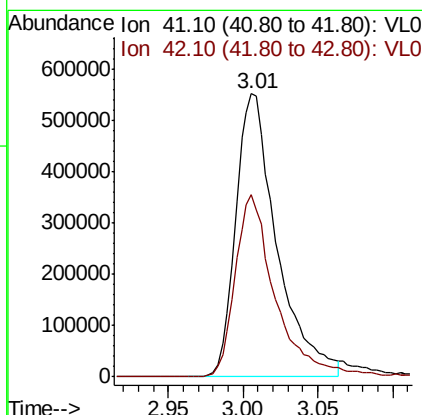
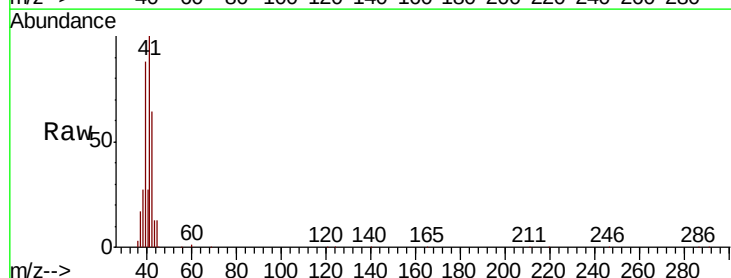
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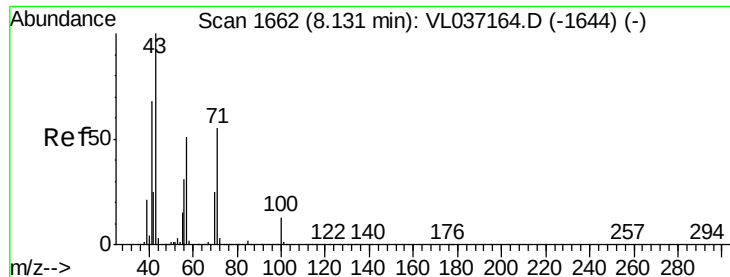
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#9
Propene
Concen: 10.558 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.01 min
Lab File: VL037258.D
Acq: 29 Jun 2021 20:49

Tgt Ion: 41 Resp: 1060150
Ion Ratio Lower Upper
41 100
42 63.4 54.5 81.7





#10

Heptane

Concen: 0.177 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. -0.02 min

Lab File: VL037258.D

Acq: 29 Jun 2021 20:49

Instrument :

MSVOA_L

ClientSampled :

SV-5DL

Tot Ion: 43 Resp: 42942

Ion Ratio Lower Upper

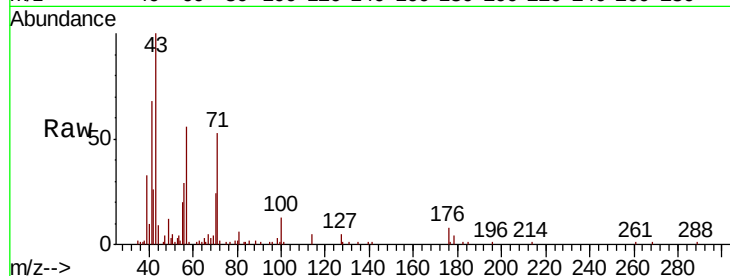
43 100

57 66.9 40.6 61.0#

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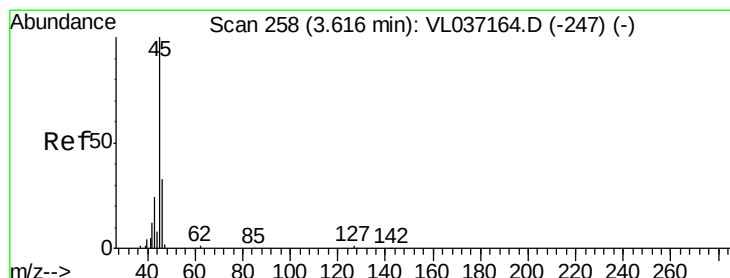
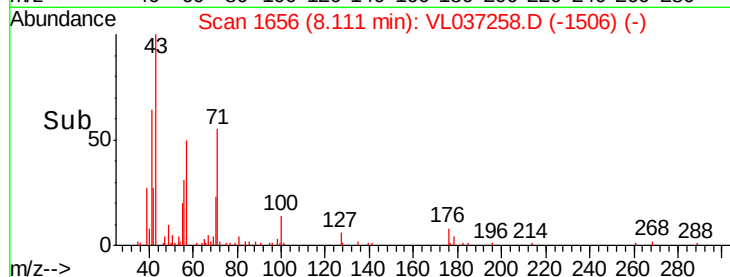
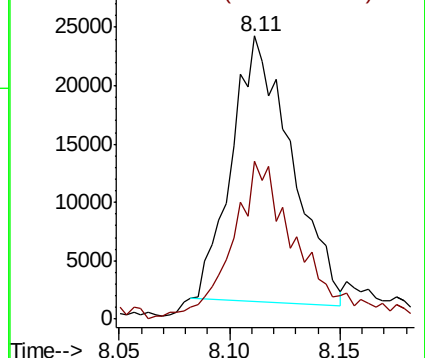
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#13

Ethanol

Concen: 1.079 ppbv m

RT: 3.62 min Scan# 259

Delta R.T. 0.00 min

Lab File: VL037258.D

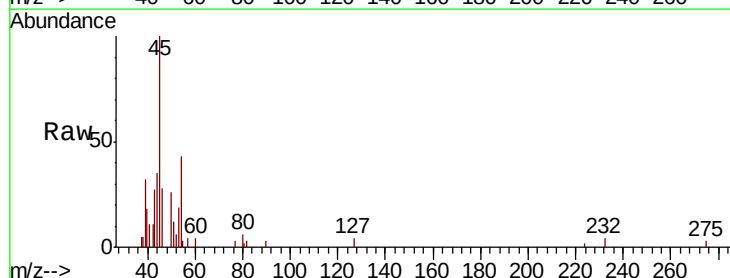
Acq: 29 Jun 2021 20:49

Tgt Ion: 45 Resp: 16762

Ion Ratio Lower Upper

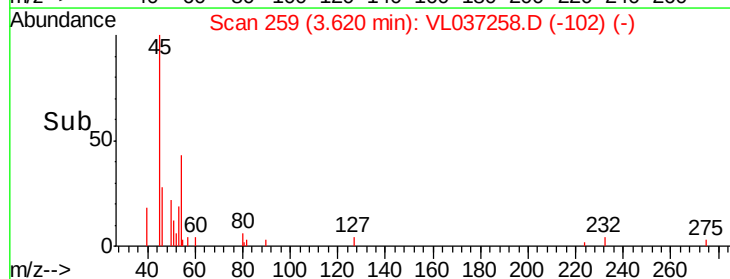
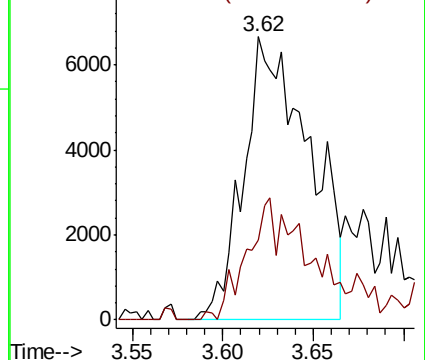
45 100

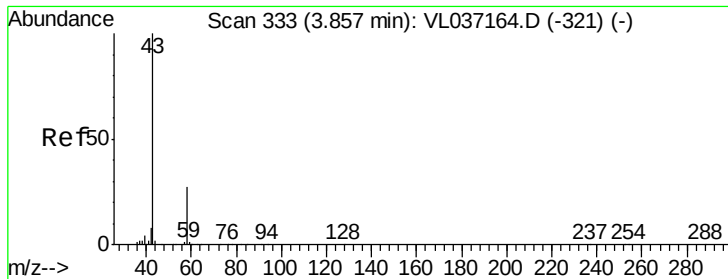
46 0.0 34.2 137.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





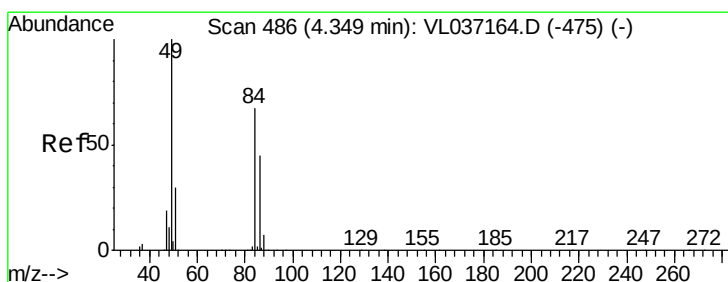
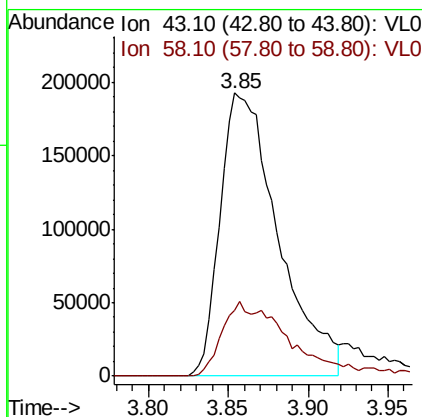
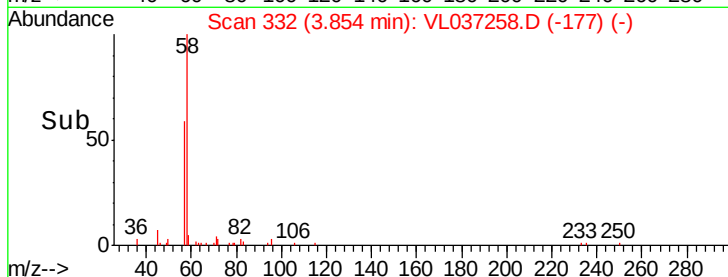
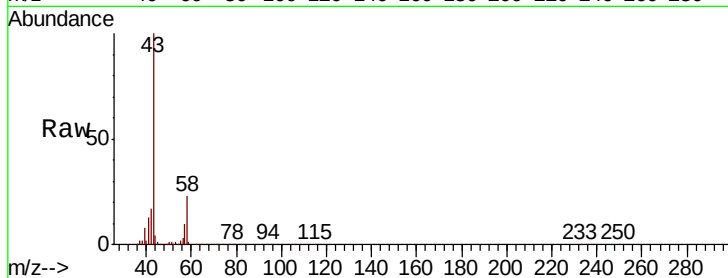
#15
Acetone
Concen: 2.623 ppbv
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL037258.D
Acq: 29 Jun 2021 20:49

Instrument :
MSVOA_L
ClientSampled :
SV-5DL

Tot Ion: 43 Resp: 477659
Ion Ratio Lower Upper
43 100
58 32.9 23.7 35.5

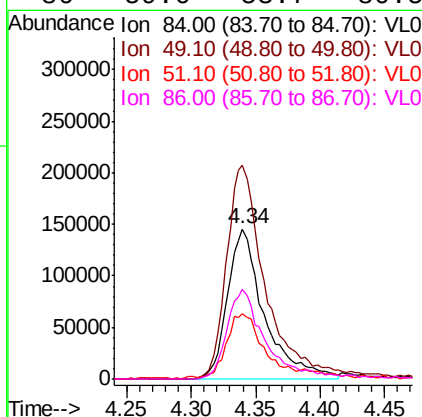
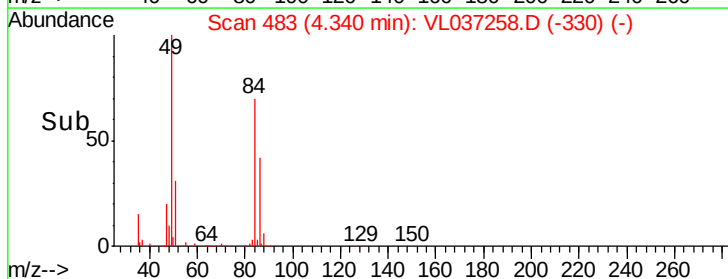
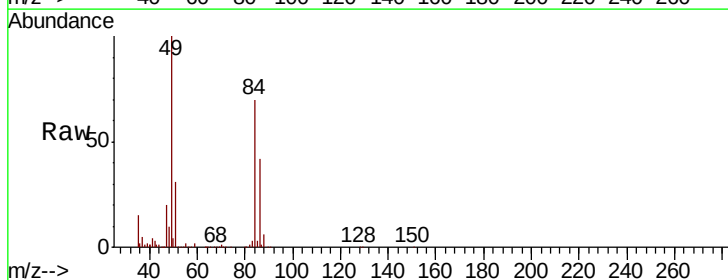
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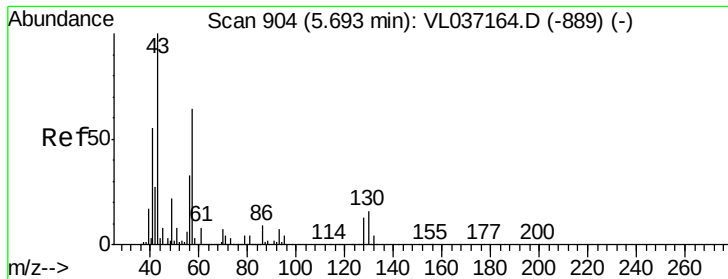
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#20
Methylene Chloride
Concen: 2.635 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037258.D
Acq: 29 Jun 2021 20:49

Tgt Ion: 84 Resp: 287306
Ion Ratio Lower Upper
84 100
49 141.7 119.7 179.5
51 41.9 36.1 54.1
86 59.6 53.7 80.5





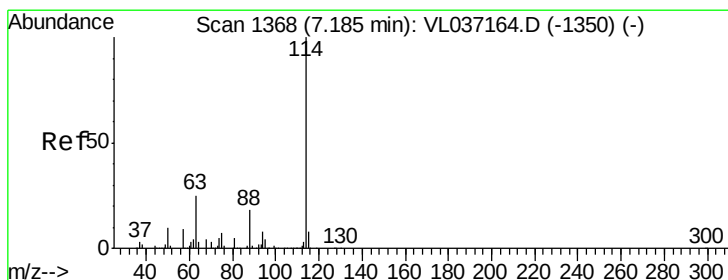
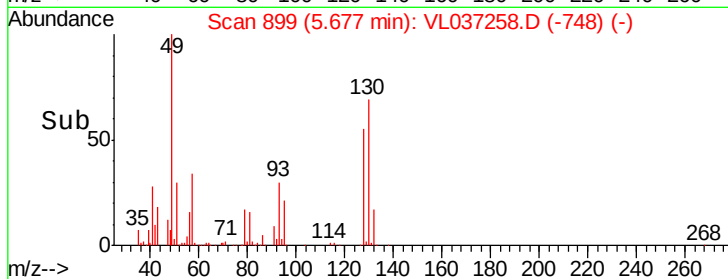
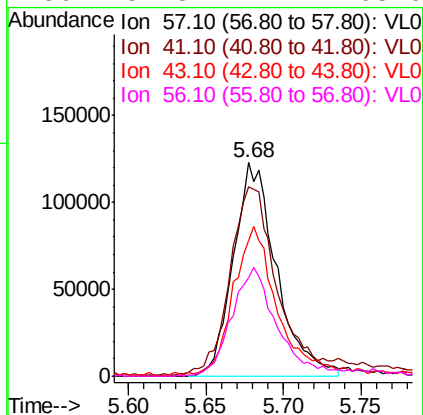
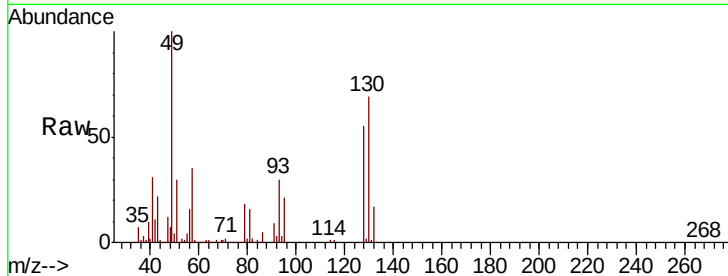
#26
Hexane
Concen: 1.194 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.02 min
Lab File: VL037258.D
Acq: 29 Jun 2021 20:49

Instrument :
MSVOA_L
ClientSampled :
SV-5DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	102.9	73.5	110.3
43	73.2	170.7	256.1#
56	57.8	42.4	63.6

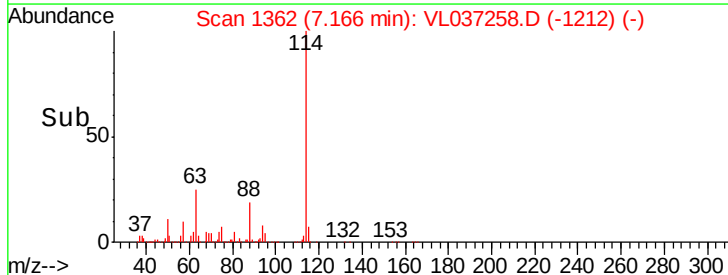
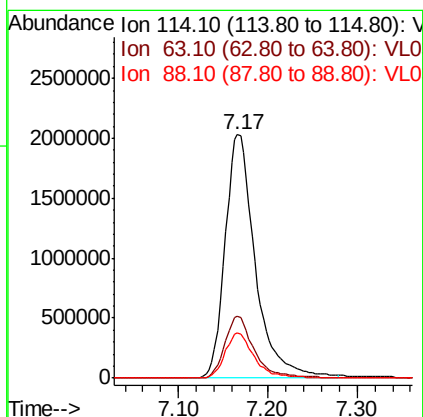
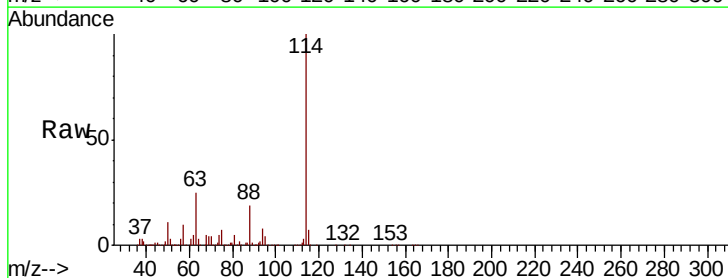
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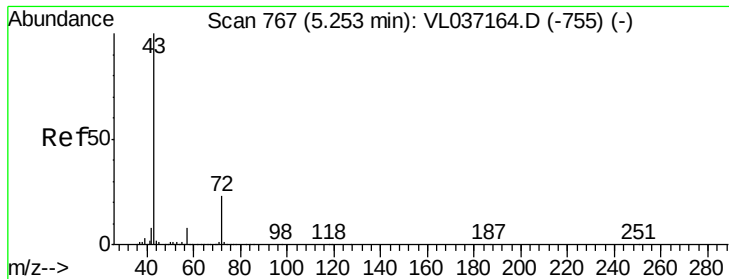
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.02 min
Lab File: VL037258.D
Acq: 29 Jun 2021 20:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.8	19.6	29.4
88	18.1	14.2	21.2





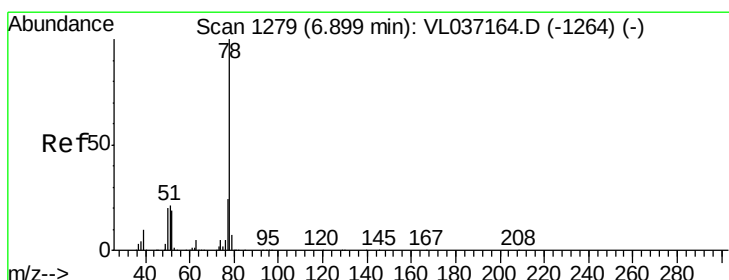
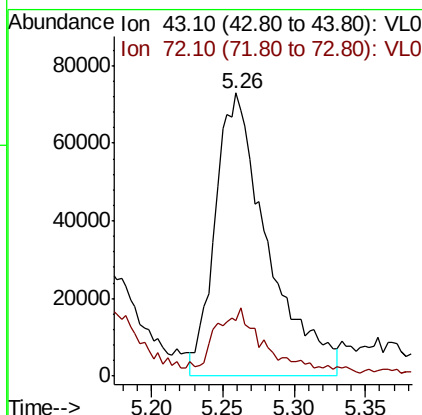
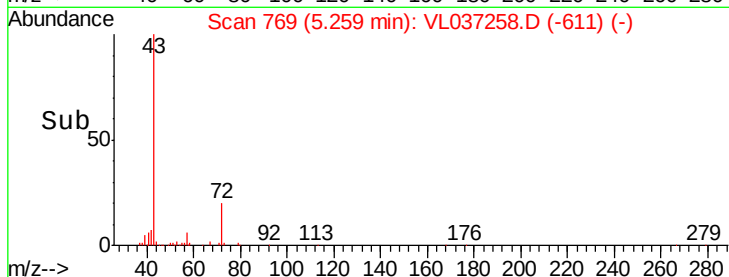
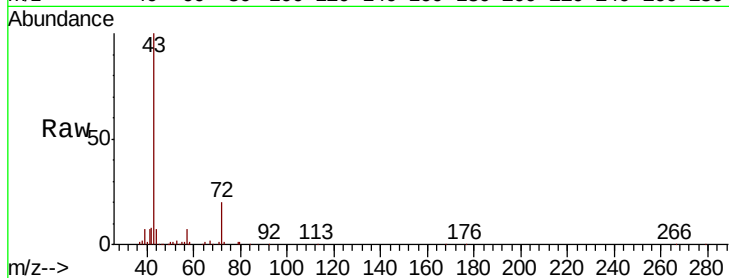
#34
2-Butanone
Concen: 1.010 ppbv m
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL037258.D
Acq: 29 Jun 2021 20:49

Instrument :
MSVOA_L
ClientSampleId :
SV-5DL

Tot Ion: 43 Resp: 187321
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#

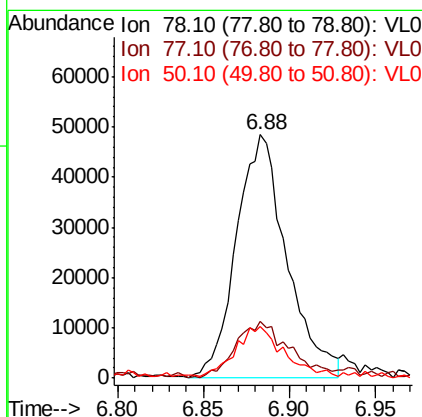
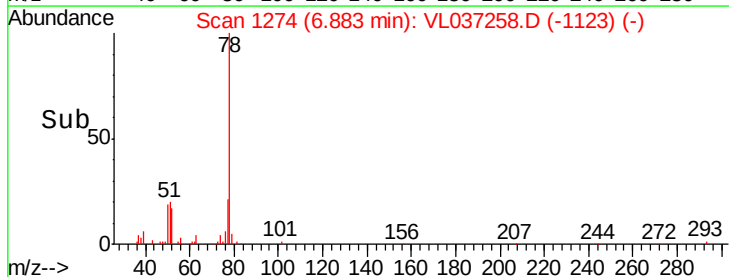
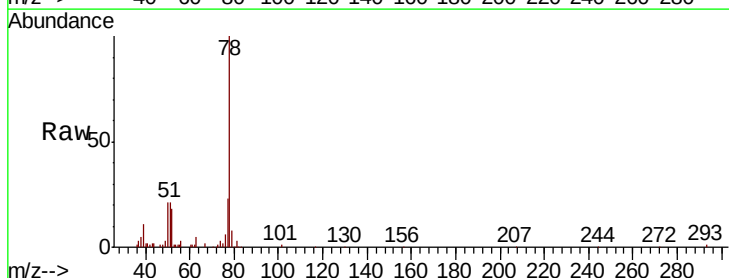
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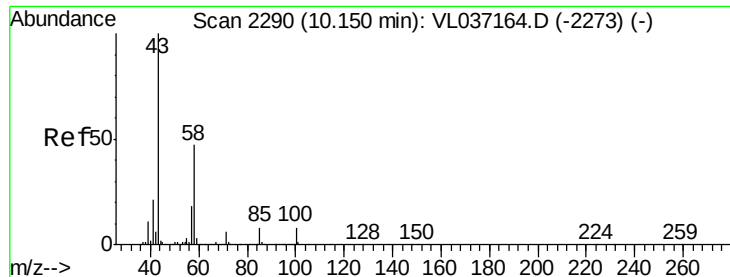
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#36
Benzene
Concen: 0.255 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.02 min
Lab File: VL037258.D
Acq: 29 Jun 2021 20:49

Tgt Ion: 78 Resp: 98395
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6
50 20.1 15.7 23.5





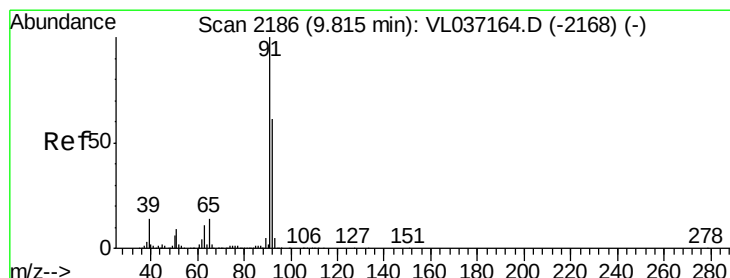
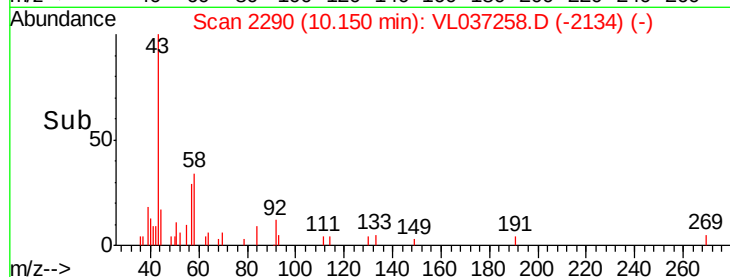
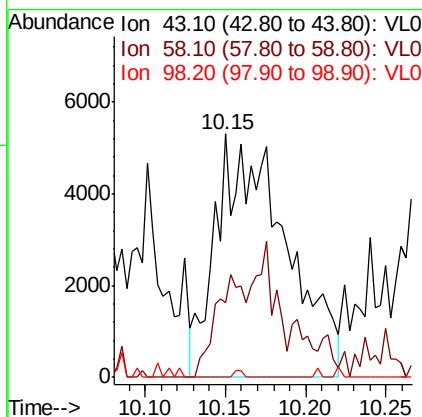
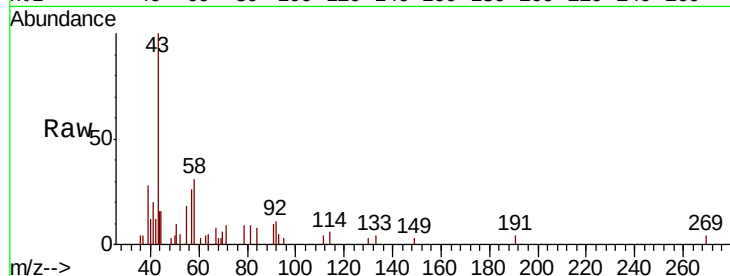
#51
2-Hexanone
Concen: 0.129 ppbv m
RT: 10.15 min Scan# 2290
Delta R.T. 0.00 min
Lab File: VL037258.D
Acq: 29 Jun 2021 20:49

Instrument :
MSVOA_L
ClientSampled :
SV-5DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.4	57.6#
98	0.0	0.3	0.5#

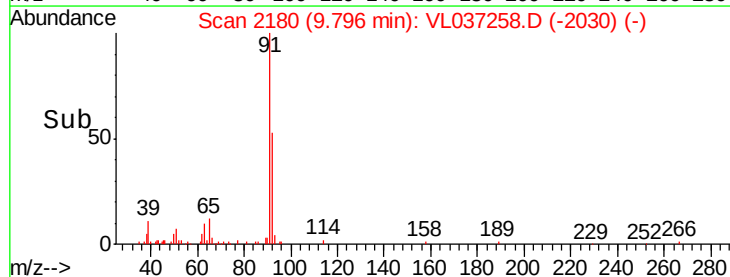
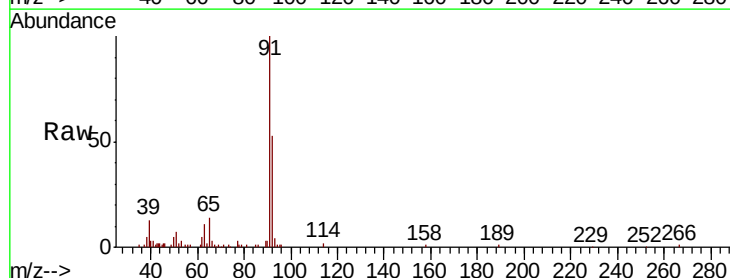
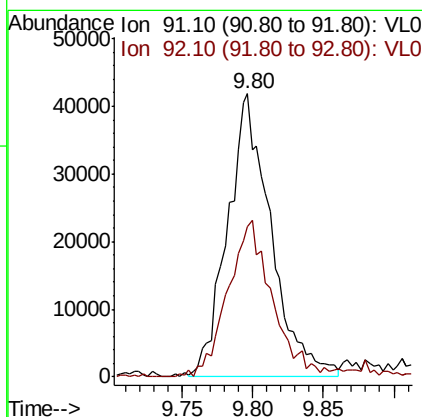
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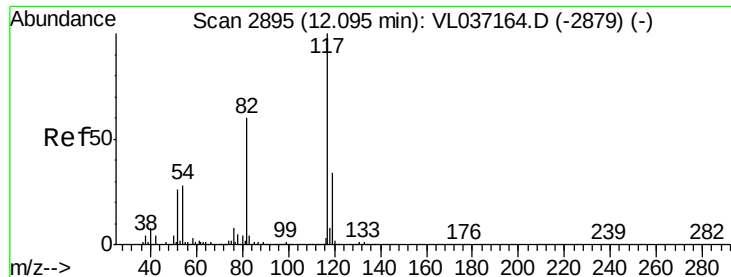
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#53
Toluene
Concen: 0.194 ppbv m
RT: 9.80 min Scan# 2180
Delta R.T. -0.02 min
Lab File: VL037258.D
Acq: 29 Jun 2021 20:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.6	48.3	72.5





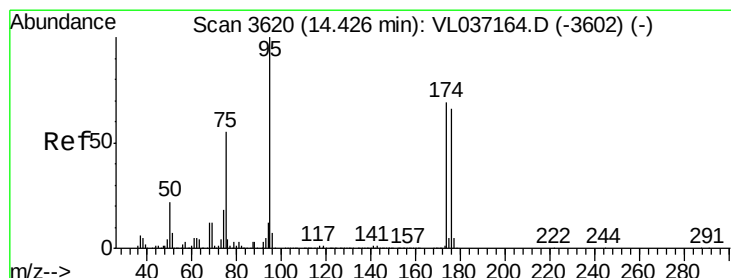
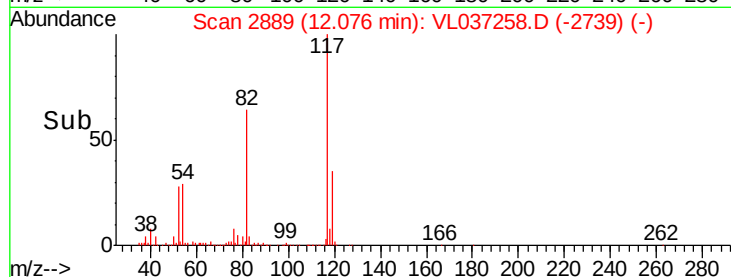
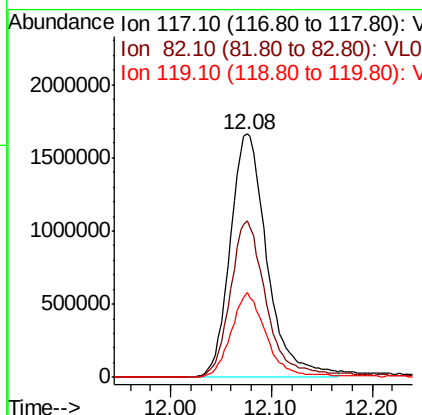
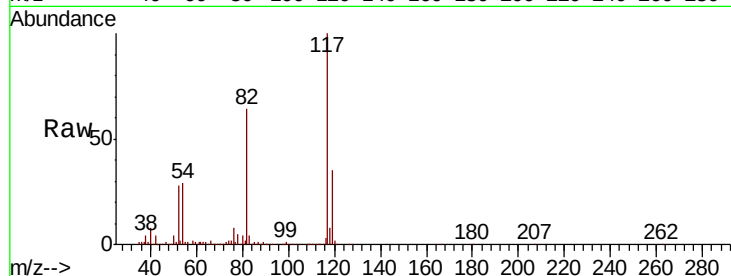
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL037258.D
Acq: 29 Jun 2021 20:49

Instrument :
MSVOA_L
ClientSampleId :
SV-5DL

Tot Ion:117 Resp: 4232364
Ion Ratio Lower Upper
117 100
82 64.9 51.7 77.5
119 34.3 47.6 71.4#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.808 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.02 min
Lab File: VL037258.D
Acq: 29 Jun 2021 20:49

Tgt Ion: 95 Resp: 3145394
Ion Ratio Lower Upper
95 100
174 75.8 57.0 85.4
175 5.5 4.4 6.6

