

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081121\
 Data File : VL037400.D
 Acq On : 11 Aug 2021 21:55
 Operator : SY/AP
 Sample : M3157-09DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-INFLUENTDL

Manual Integrations
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Quant Time: Aug 12 03:46:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 11 2021
 QLast Update : Wed Aug 11 09:01:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1282210	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3825837	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3318212	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2444233	9.88	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	26975m	0.113	ppbv	
9) Propene	3.02	41	12460m	0.154	ppbv	
13) Ethanol	3.62	45	128282m	13.094	ppbv	
15) Acetone	3.85	43	276110	2.260	ppbv #	81
19) Isopropyl Alcohol	4.00	45	48385m	0.688	ppbv	
20) Methylene Chloride	4.34	84	514135	7.750	ppbv	93
26) Hexane	5.68	57	363972	2.298	ppbv #	47
34) 2-Butanone	5.25	43	34523m	0.237	ppbv	
50) 4-Methyl-2-Pentanone	8.78	43	25850m	0.136	ppbv	
52) Tetrachloroethene	11.22	164	9409m	0.076	ppbv	
53) Toluene	9.80	91	154024	0.437	ppbv	98

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

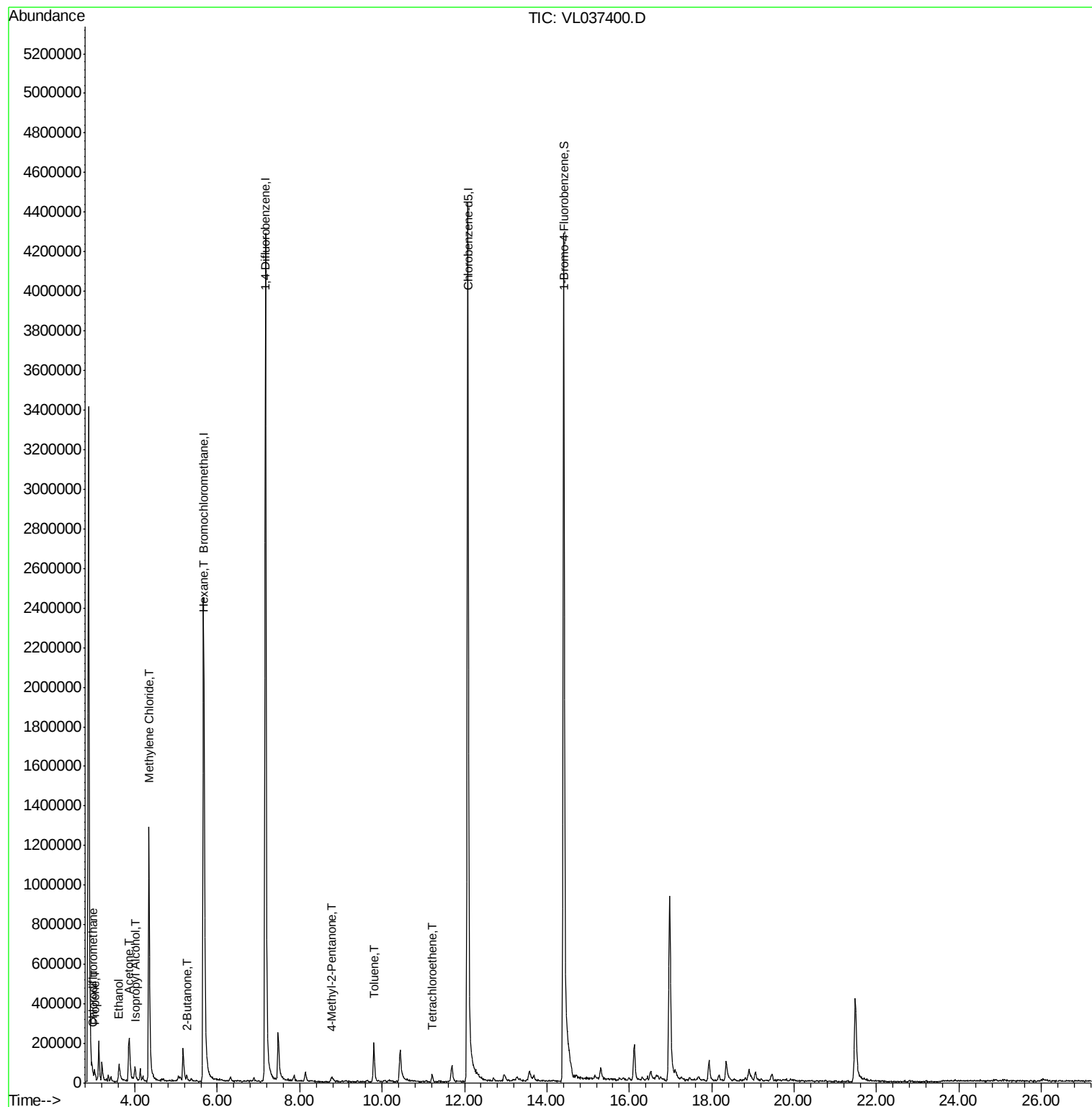
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081121\
Data File : VL037400.D
Acq On : 11 Aug 2021 21:55
Operator : SY/AP
Sample : M3157-09DL 10X
Misc : 400mL/MSVOA L
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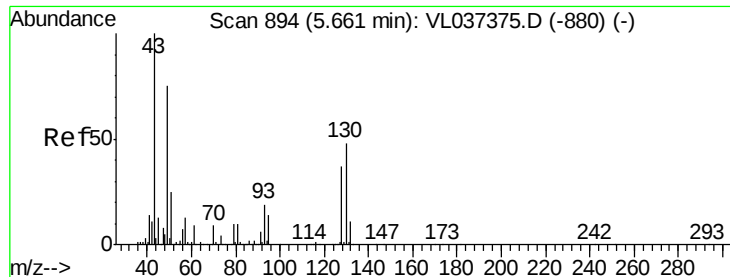
Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENTDL

Manual Integrations
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Quant Time: Aug 12 03:46:51 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 11 09:01:07 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

Lab File: VL037400.D

Acq: 11 Aug 2021 21:55

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-DDC-INFLUENTDL

Tot Ion: 49 Resp: 1282210

Ion Ratio Lower Upper

49 100

128 56.1 28.1 84.4

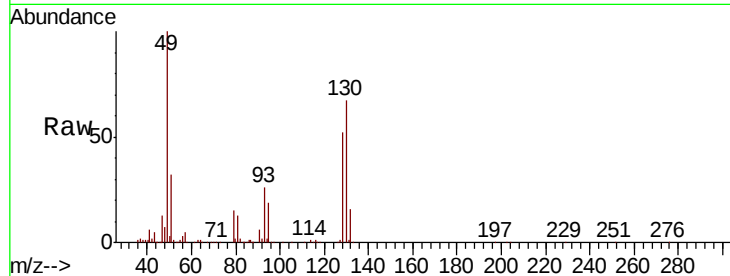
130 70.2 34.3 102.8

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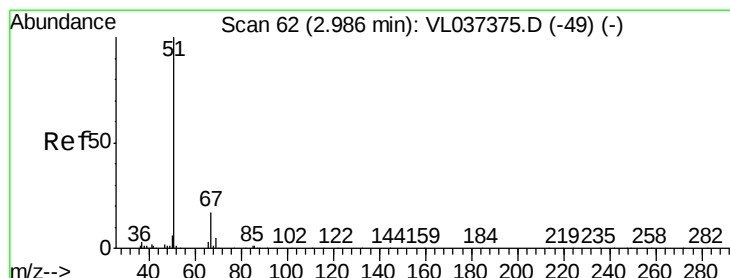
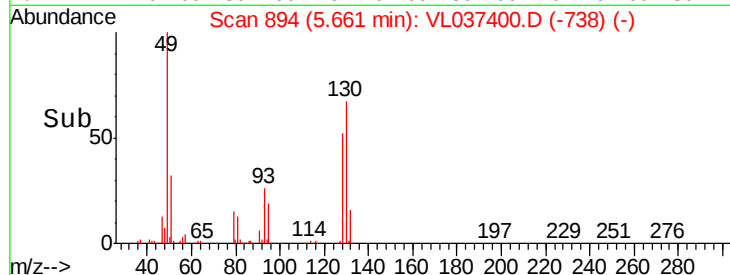
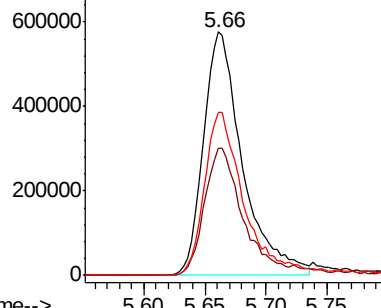
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#3

Chlorodifluoromethane

Concen: 0.113 ppbv m

RT: 2.99 min Scan# 62

Delta R.T. 0.00 min

Lab File: VL037400.D

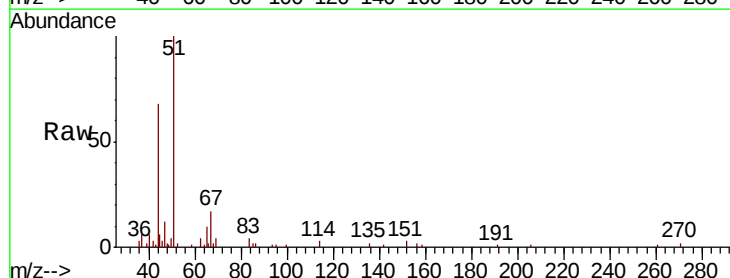
Acq: 11 Aug 2021 21:55

Tgt Ion: 51 Resp: 26975

Ion Ratio Lower Upper

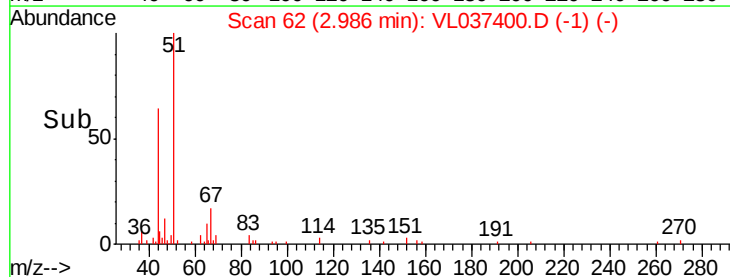
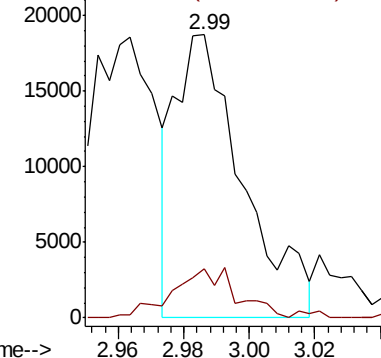
51 100

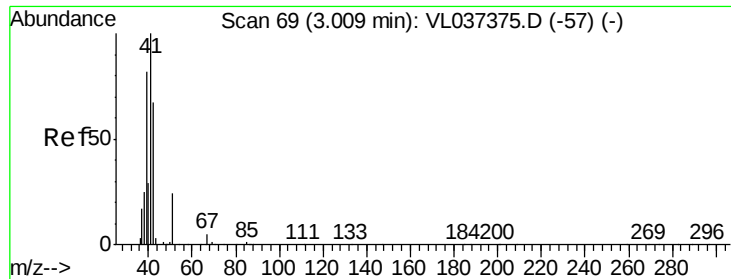
67 2.0 14.3 21.5#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





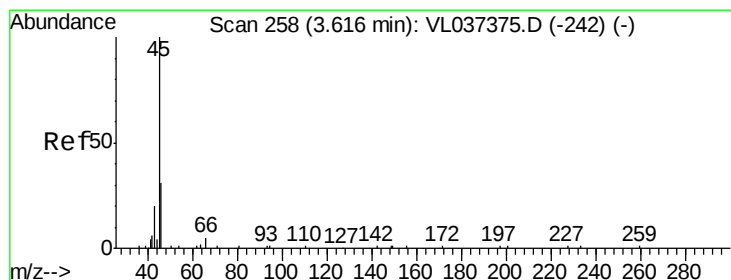
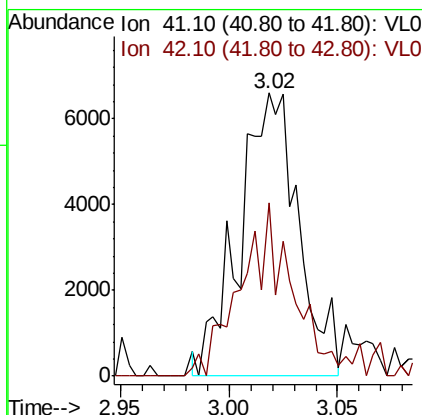
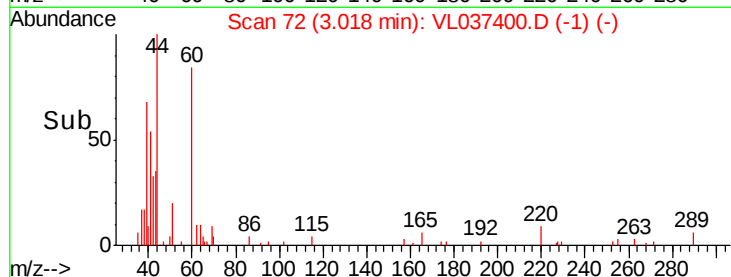
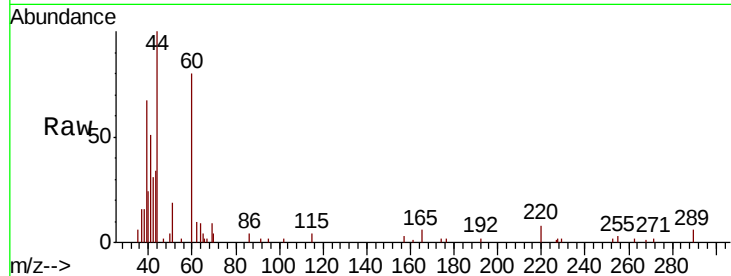
#9
Propene
Concen: 0.154 ppbv m
RT: 3.02 min Scan# 72
Delta R.T. 0.01 min
Lab File: VL037400.D
Acq: 11 Aug 2021 21:55

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENTDL

Tot Ion: 41 Resp: 12460
Ion Ratio Lower Upper
41 100
42 41.2 55.5 83.3#

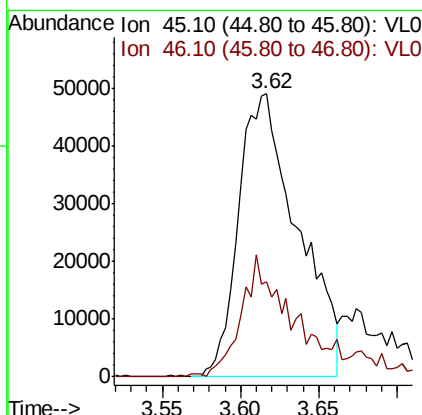
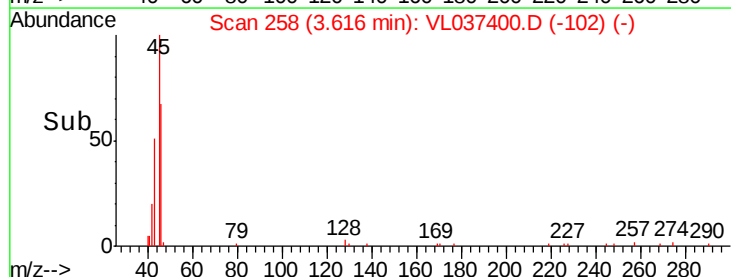
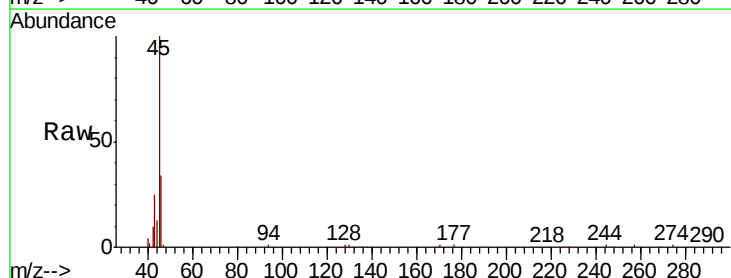
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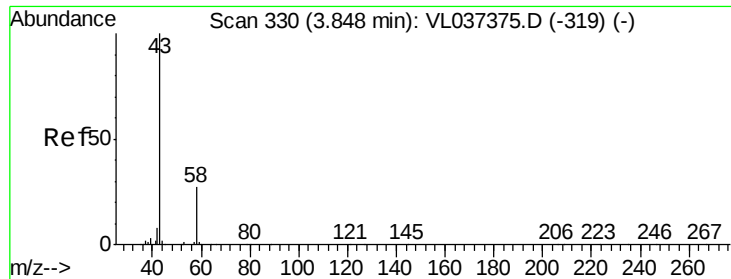
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#13
Ethanol
Concen: 13.094 ppbv m
RT: 3.62 min Scan# 258
Delta R.T. 0.00 min
Lab File: VL037400.D
Acq: 11 Aug 2021 21:55

Tgt Ion: 45 Resp: 128282
Ion Ratio Lower Upper
45 100
46 0.0 15.8 63.4#





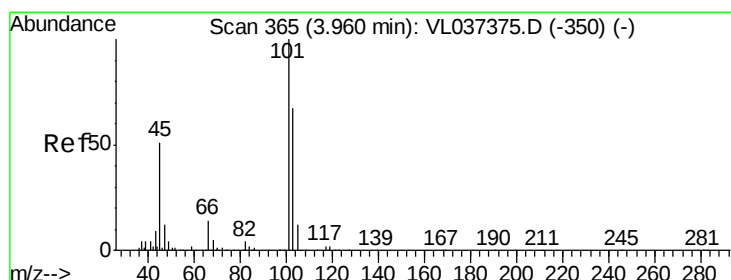
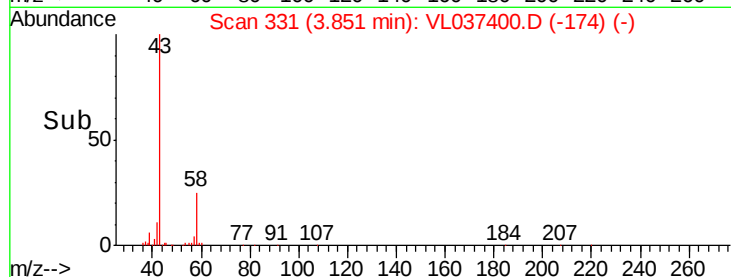
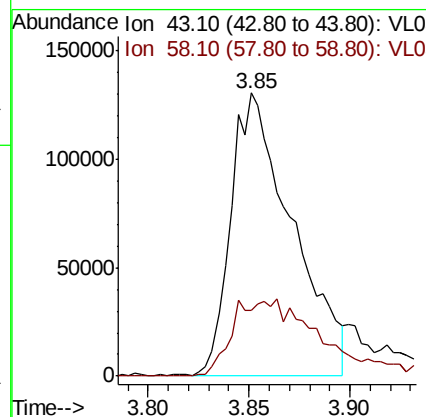
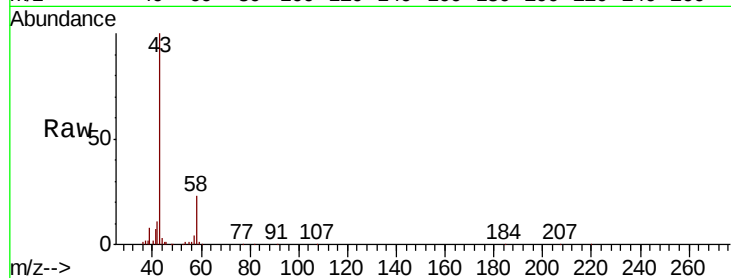
#15
Acetone
Concen: 2.260 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL037400.D
Acq: 11 Aug 2021 21:55

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENTDL

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.2	24.6	37.0#

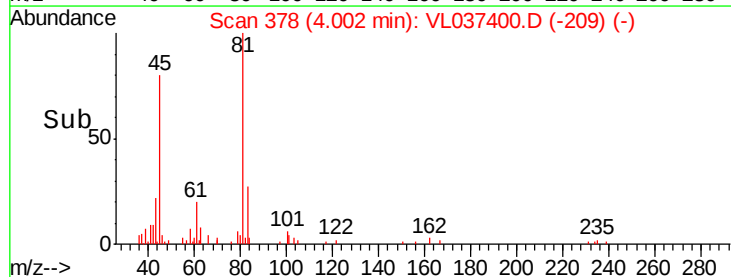
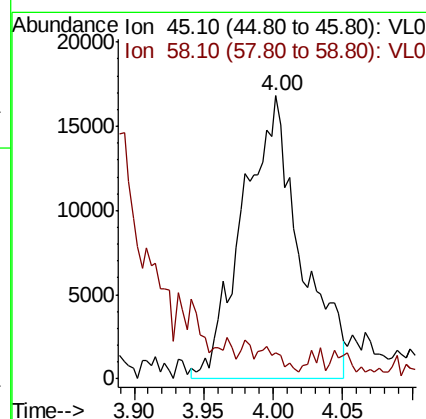
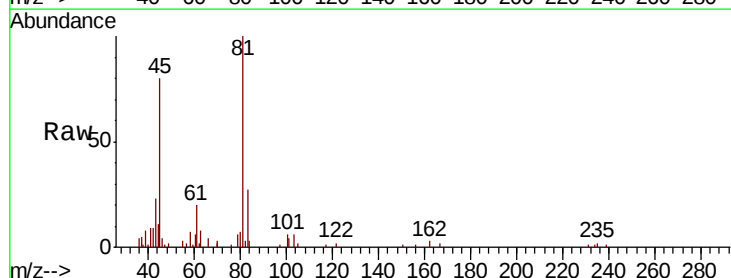
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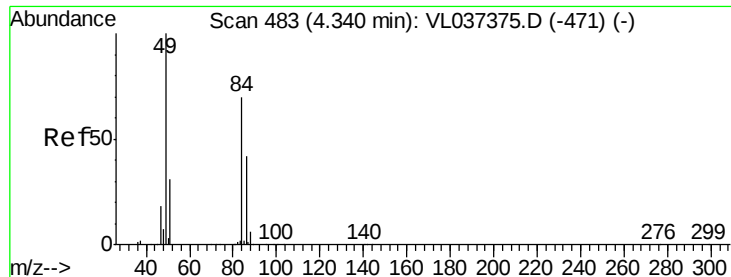
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#19
Isopropyl Alcohol
Concen: 0.688 ppbv m
RT: 4.00 min Scan# 378
Delta R.T. 0.04 min
Lab File: VL037400.D
Acq: 11 Aug 2021 21:55

Tgt Ion	Ratio	Lower	Upper
45	100		
58	0.0	38.7	58.1#





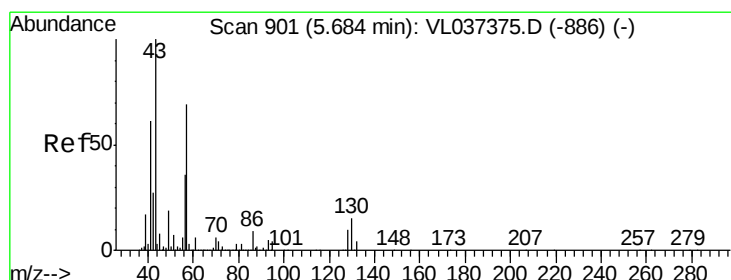
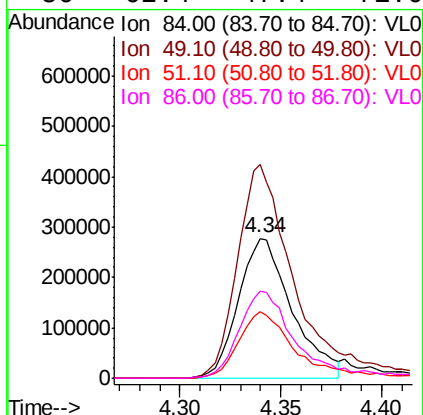
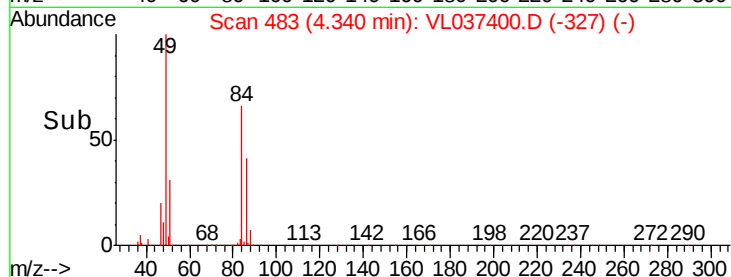
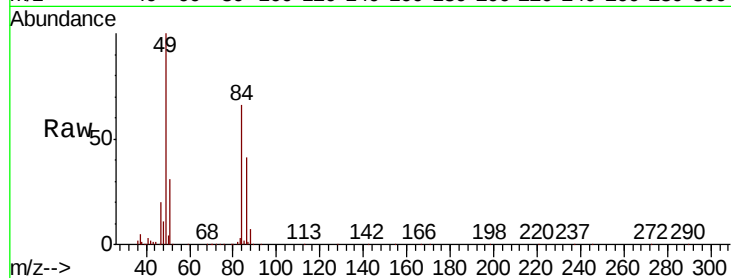
#20
Methvlene Chloride
Concen: 7.750 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL037400.D
Acq: 11 Aug 2021 21:55

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENTDL

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	152.3	113.8	170.6	
51	47.2	34.7	52.1	
86	62.4	47.4	71.0	

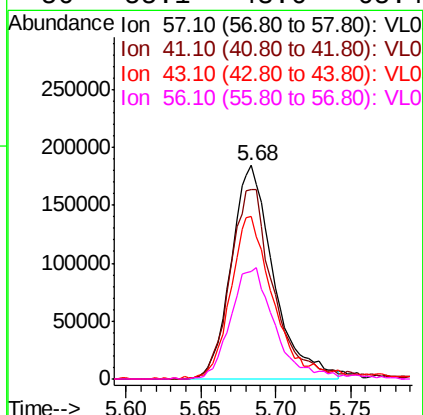
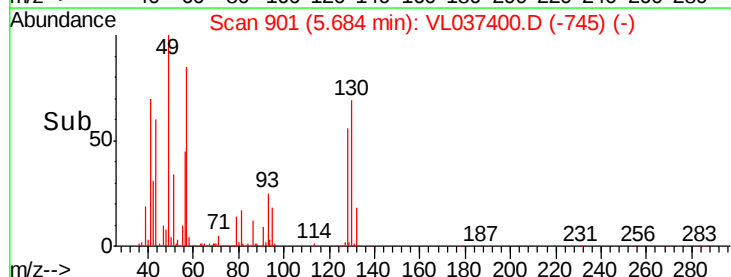
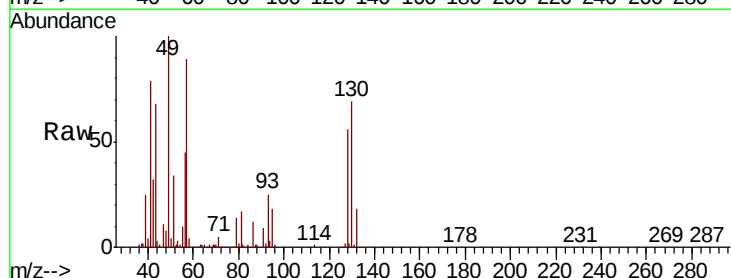
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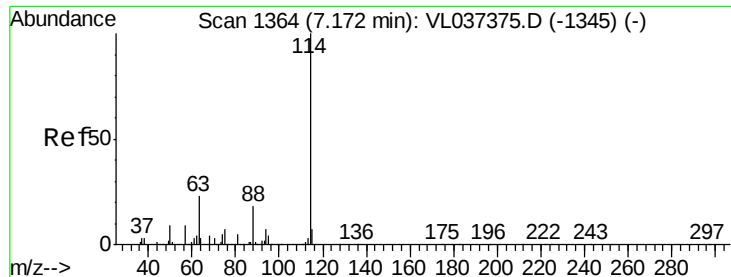
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#26
Hexane
Concen: 2.298 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL037400.D
Acq: 11 Aug 2021 21:55

Tgt Ion	Ion	Ratio	Lower	Upper
57	100			
41	93.4	73.4	110.0	
43	78.5	174.4	261.6#	
56	55.1	43.6	65.4	





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VL037400.D

Acq: 11 Aug 2021 21:55

Instrument :

MSVOA_L

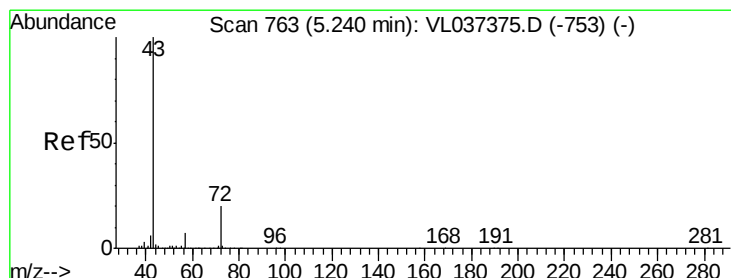
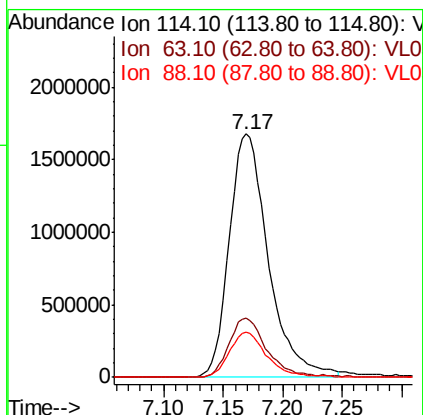
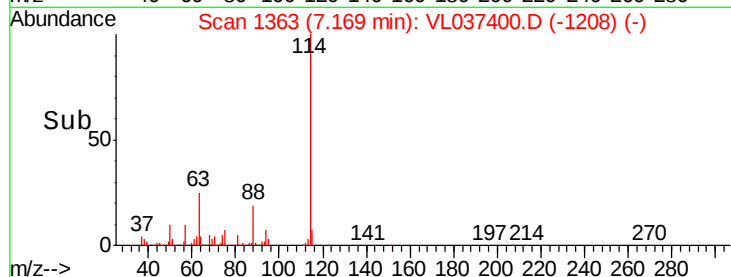
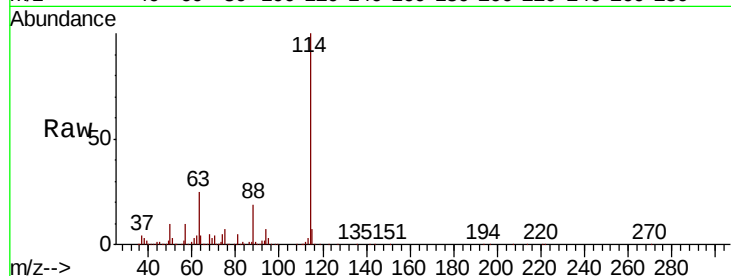
ClientSampleId :

OFFSITE-DDC-INFLUENTDL

Tot Ion:	114	Resp:	3825837
Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.5	29.3
88	18.0	14.3	21.5

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#34

2-Butanone

Concen: 0.237 ppbv m

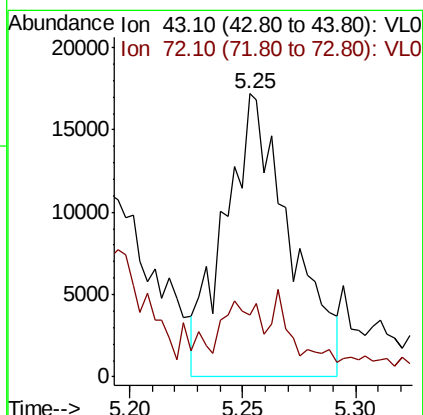
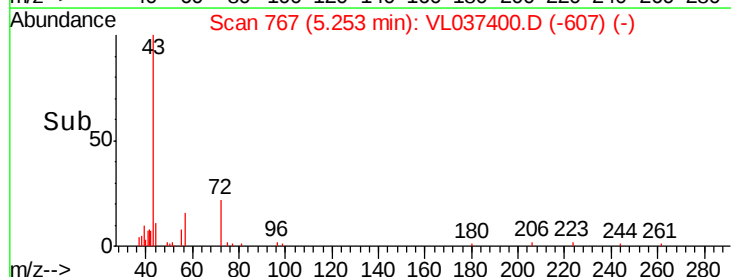
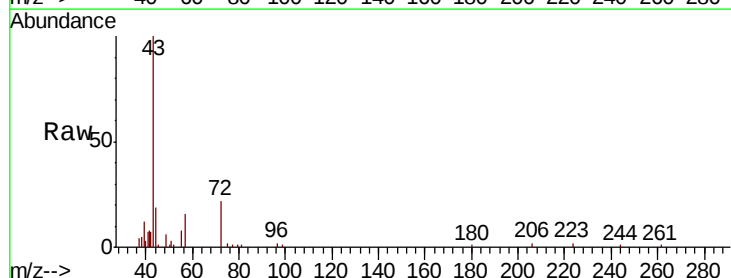
RT: 5.25 min Scan# 767

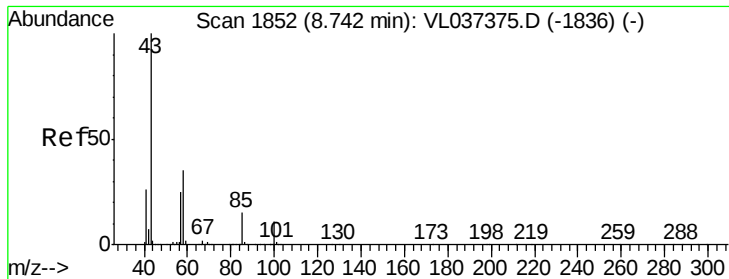
Delta R.T. 0.01 min

Lab File: VL037400.D

Acq: 11 Aug 2021 21:55

Tgt Ion:	43	Resp:	34523
Ion	Ratio	Lower	Upper
43	100		
72	38.3	19.6	29.4#





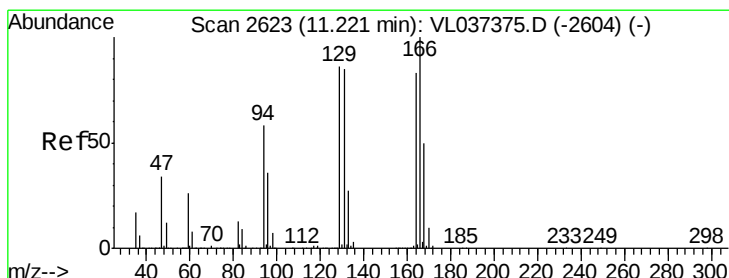
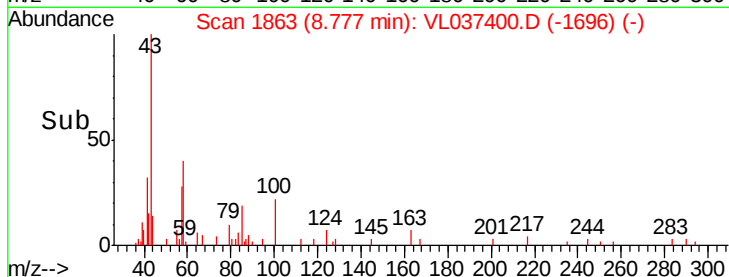
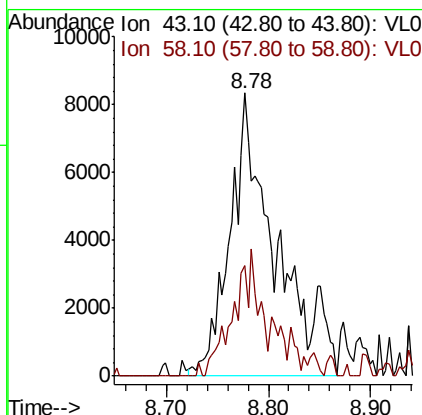
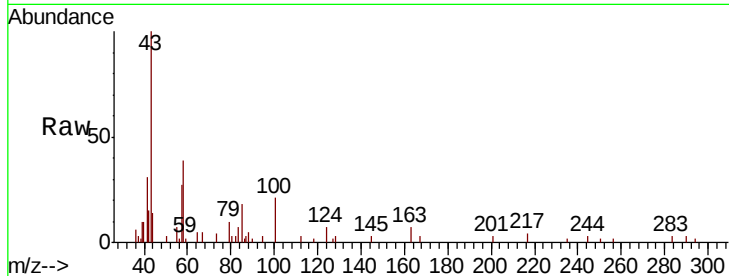
#50
4-Methyl-2-Pentanone
Concen: 0.136 ppbv m
RT: 8.78 min Scan# 1863
Delta R.T. 0.04 min
Lab File: VL037400.D
Acq: 11 Aug 2021 21:55

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENTDL

Tot Ion: 43 Resp: 25850
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#

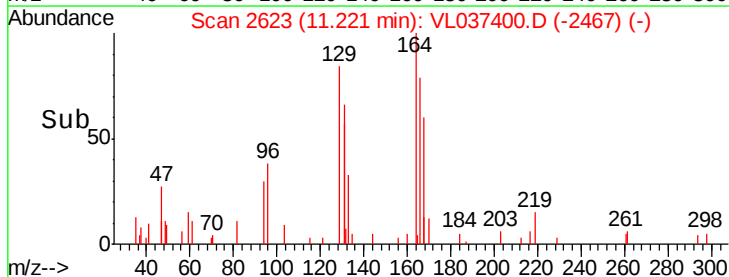
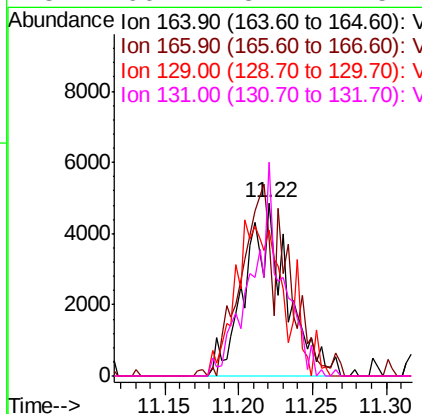
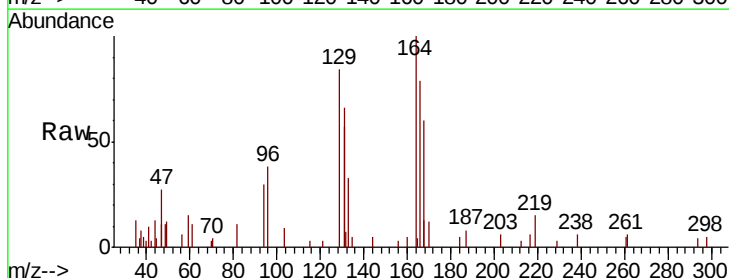
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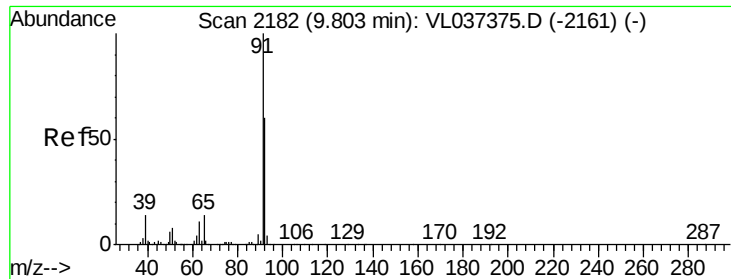
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#52
Tetrachloroethene
Concen: 0.076 ppbv m
RT: 11.22 min Scan# 2623
Delta R.T. 0.00 min
Lab File: VL037400.D
Acq: 11 Aug 2021 21:55

Tgt Ion: 164 Resp: 9409
Ion Ratio Lower Upper
164 100
166 79.3 96.5 144.7#
129 84.3 83.2 124.8
131 66.4 82.2 123.2#





#53

Toluene

Concen: 0.437 ppbv

RT: 9.80 min Scan# 2181

Delta R.T. -0.00 min

Lab File: VL037400.D

Acq: 11 Aug 2021 21:55

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-DDC-INFLUENTDL

Tot Ion: 91 Resp: 154024

Ion Ratio Lower Upper

91 100

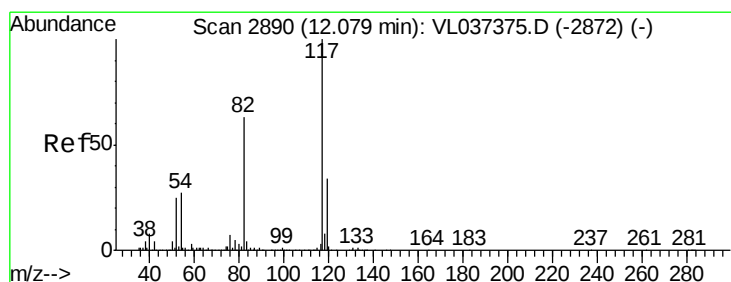
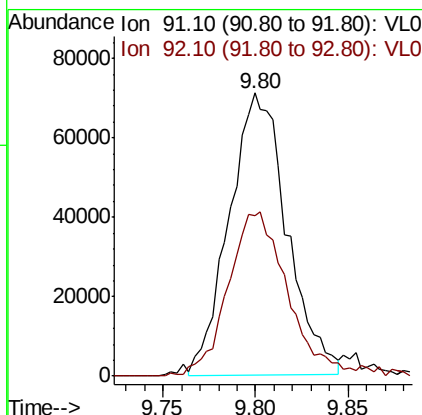
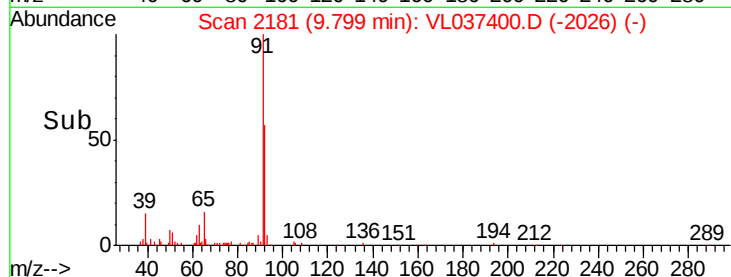
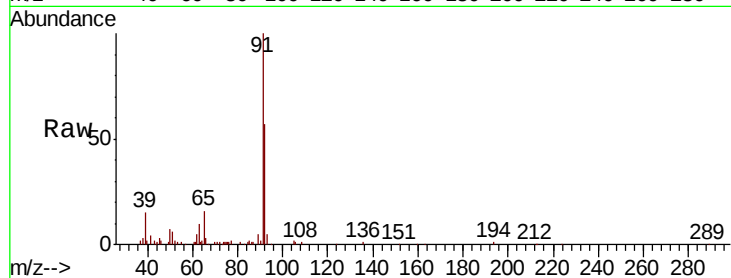
92 61.9 48.1 72.1

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. 0.00 min

Lab File: VL037400.D

Acq: 11 Aug 2021 21:55

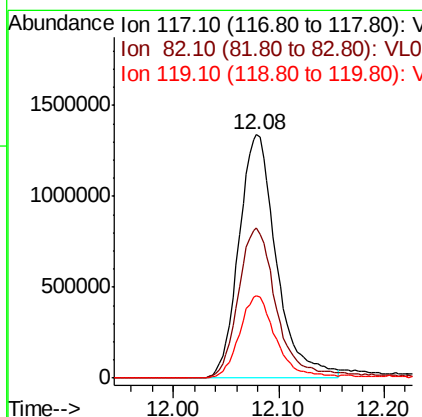
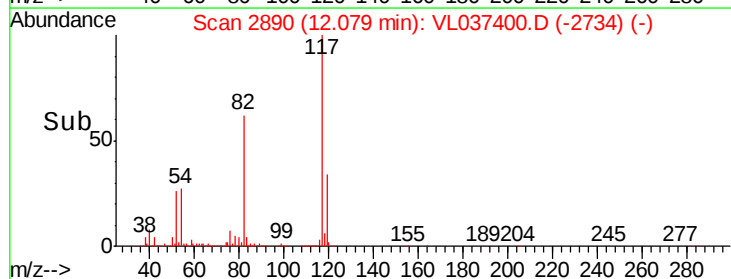
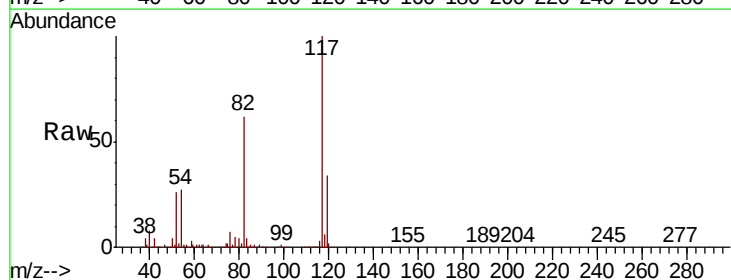
Tgt Ion: 117 Resp: 3318212

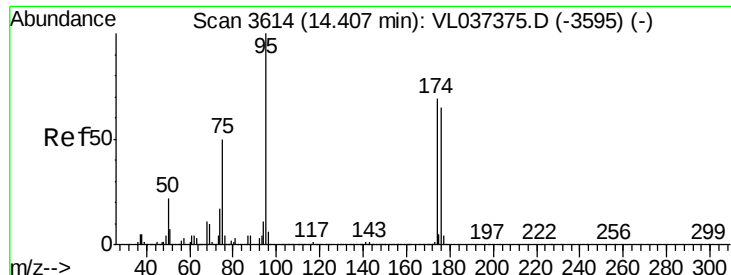
Ion Ratio Lower Upper

117 100

82 66.0 52.6 78.8

119 34.4 46.7 70.1#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.877 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. 0.00 min
 Lab File: VL037400.D
 Acq: 11 Aug 2021 21:55

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-INFLUENTDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	73.8	58.3	87.5
175	5.6	4.3	6.5

Manual Integrations
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