

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081221\
 Data File : VL037427.D
 Acq On : 13 Aug 2021 00:01
 Operator : SY/AP
 Sample : M3157-06DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-INTERMEDIATE-2DL

Manual Integrations
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Quant Time: Aug 13 03:48:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 2021
 QLast Update : Fri Aug 13 01:37:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1275135	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3753652	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3216268	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2186154	9.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	17273m	0.205	ppbv	
13) Ethanol	3.63	45	51851m	5.778	ppbv	
15) Acetone	3.86	43	163565	1.210	ppbv #	69
19) Isopropyl Alcohol	4.01	45	28762m	0.365	ppbv	
20) Methylene Chloride	4.34	84	351012	4.909	ppbv	87
26) Hexane	5.69	57	226315	1.361	ppbv #	54

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

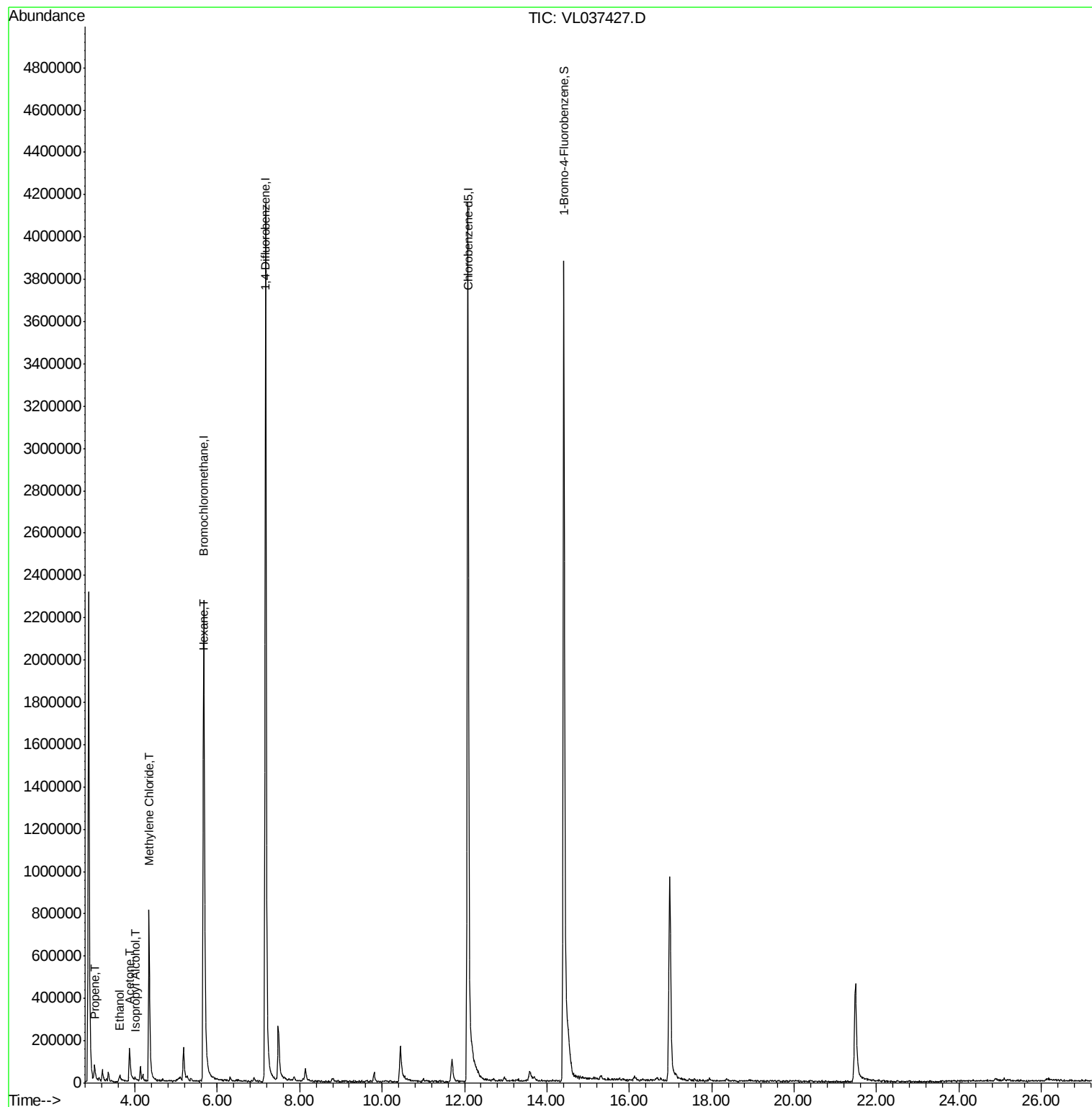
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081221\
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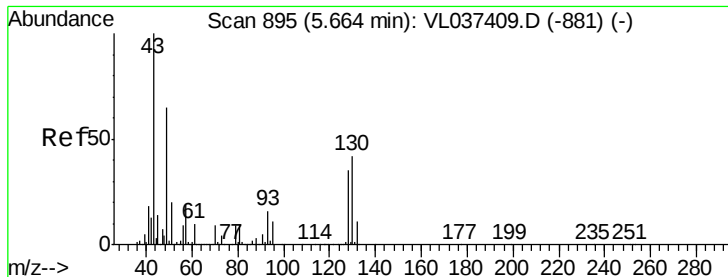
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
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QLast Update : Fri Aug 13 01:37:35 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL037427.D

Acq: 13 Aug 2021 00:01

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-DDC-INTERMEDIATE-2DL

Tot Ion: 49 Resp: 1275135

Ion Ratio Lower Upper

49 100

128 55.2 27.9 83.6

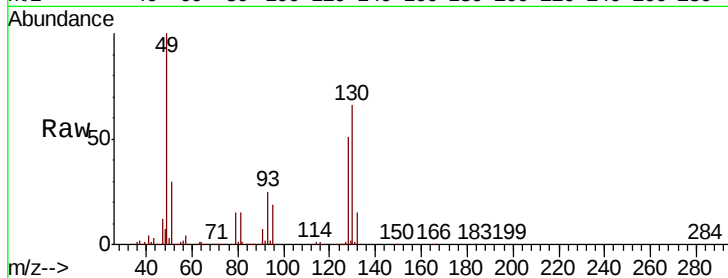
130 69.8 34.6 103.8

Manual Integrations

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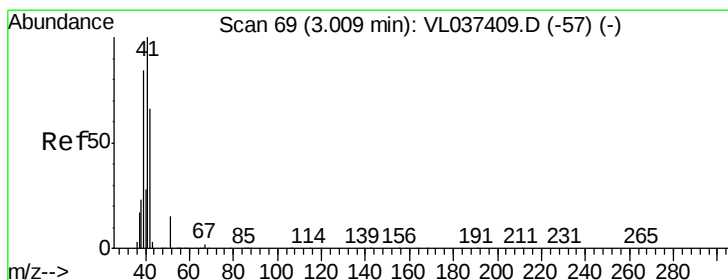
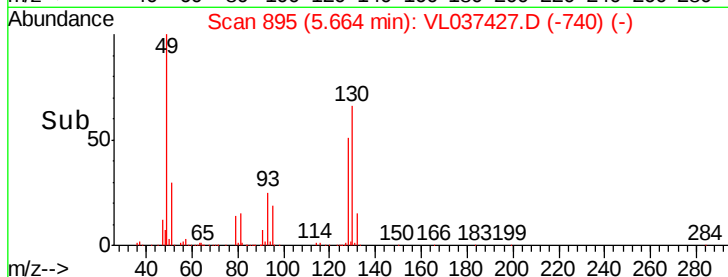
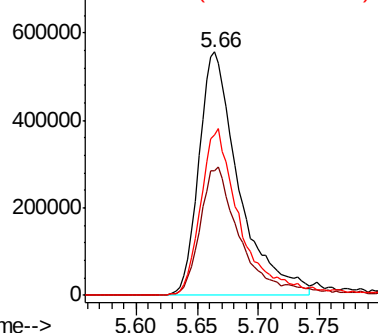
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.205 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037427.D

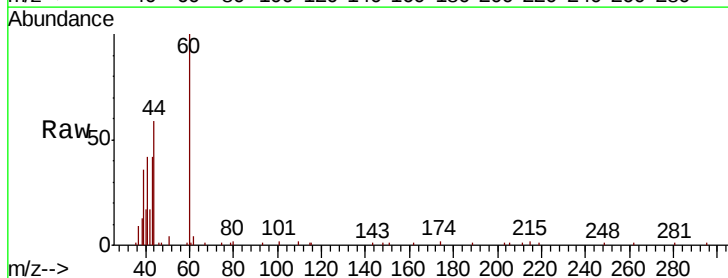
Acq: 13 Aug 2021 00:01

Tgt Ion: 41 Resp: 17273

Ion Ratio Lower Upper

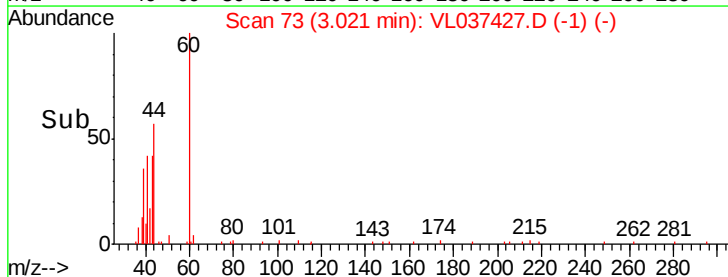
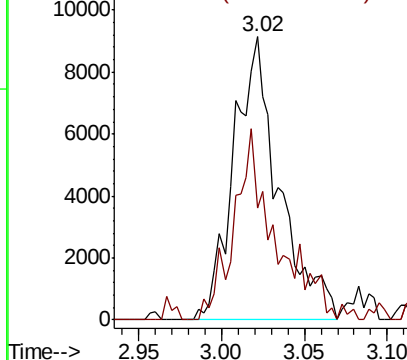
41 100

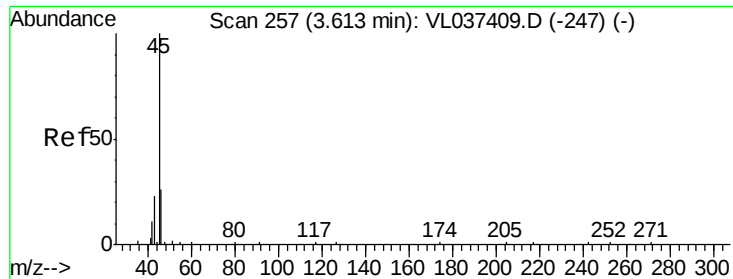
42 0.0 53.8 80.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





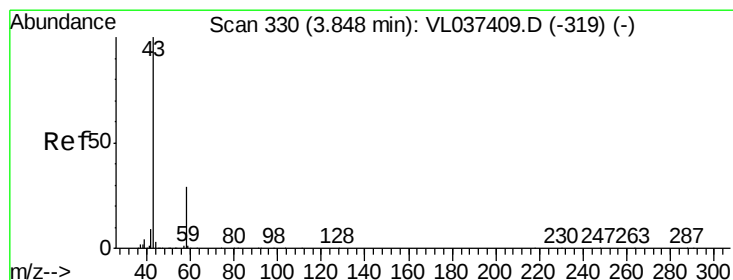
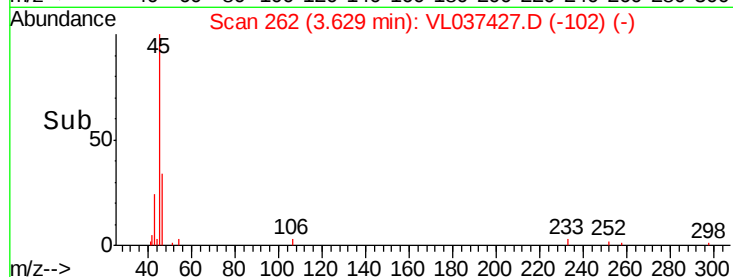
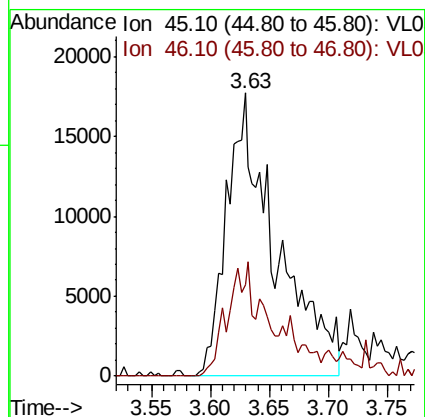
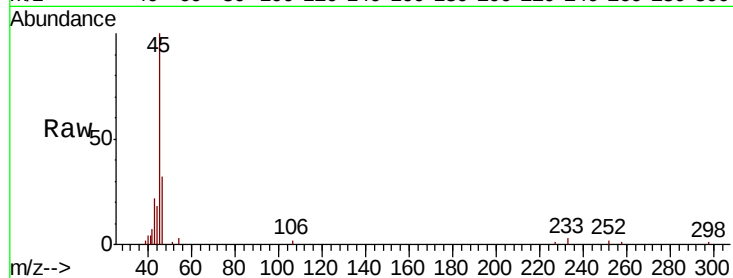
#13
Ethanol
Concen: 5.778 ppbv m
RT: 3.63 min Scan# 262
Delta R.T. 0.02 min
Lab File: VL037427.D
Acq: 13 Aug 2021 00:01

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INTERMEDIATE-2DL

Tot Ion	Ratio	Lower	Upper
45	100		
46	42.9	18.0	72.2

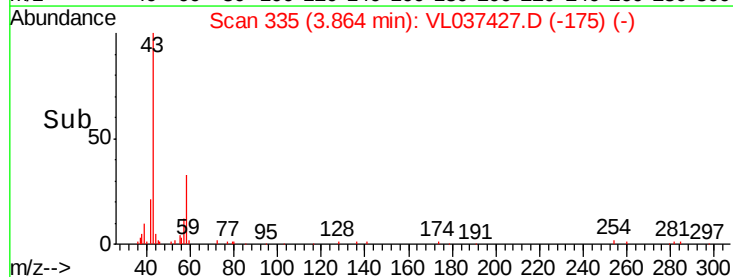
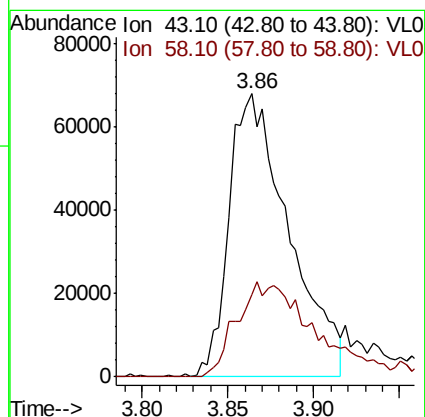
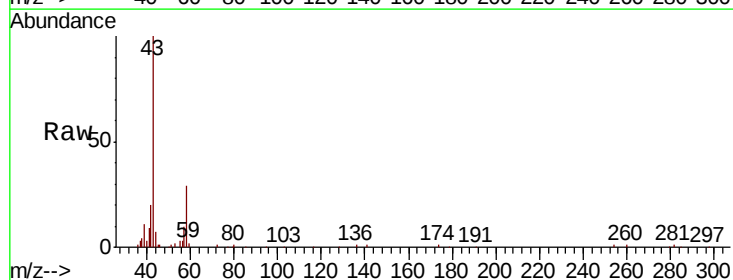
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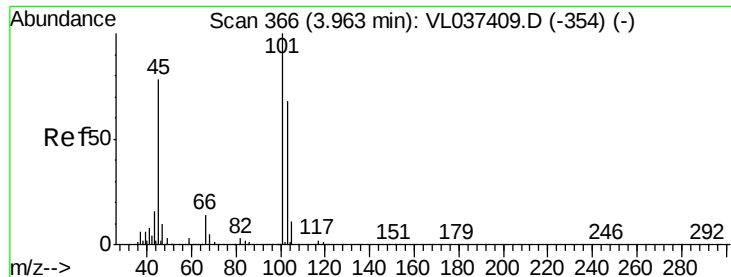
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#15
Acetone
Concen: 1.210 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.02 min
Lab File: VL037427.D
Acq: 13 Aug 2021 00:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.3	24.4	36.6#





#19

Isopropyl Alcohol

Concen: 0.365 ppbv m

RT: 4.01 min Scan# 379

Delta R.T. 0.04 min

Lab File: VL037427.D

Acq: 13 Aug 2021 00:01

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-DDC-INTERMEDIATE-2DL

Tot Ion: 45 Resp: 28762

Ion Ratio Lower Upper

45 100

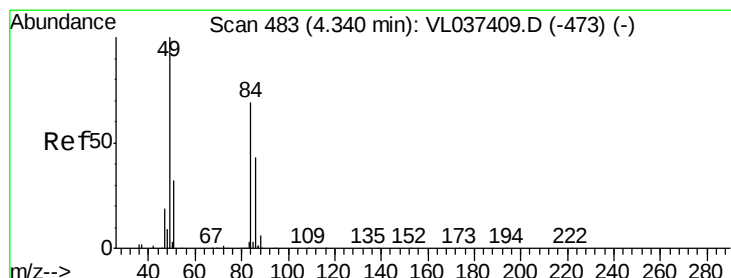
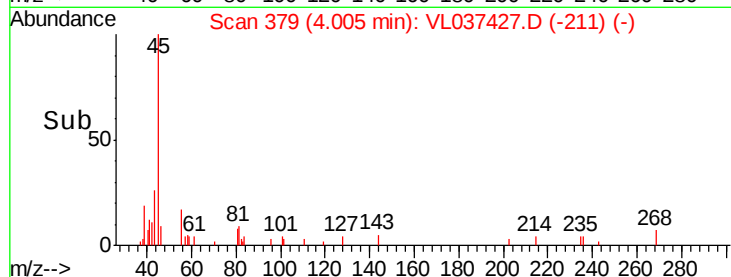
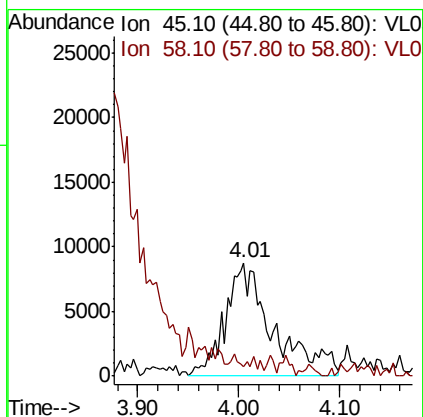
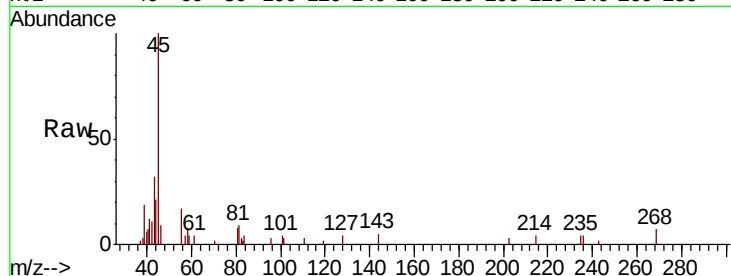
58 0.0 2.2 3.4#

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#20

Methylene Chloride

Concen: 4.909 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL037427.D

Acq: 13 Aug 2021 00:01

Tgt Ion: 84 Resp: 351012

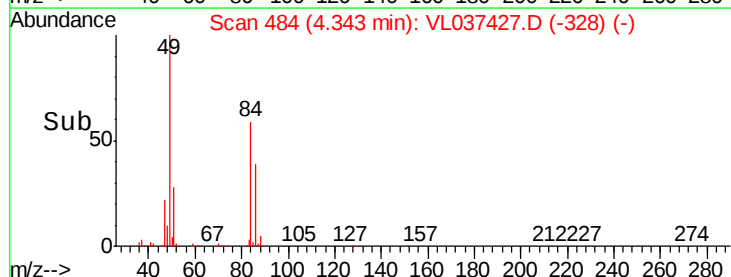
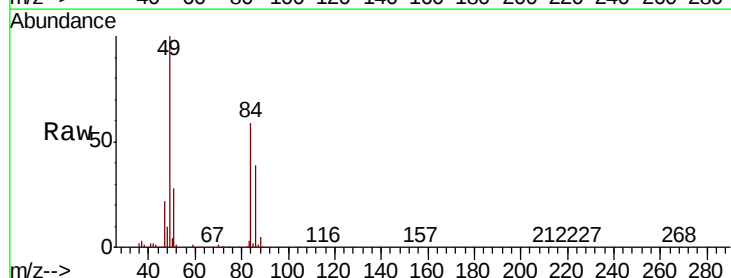
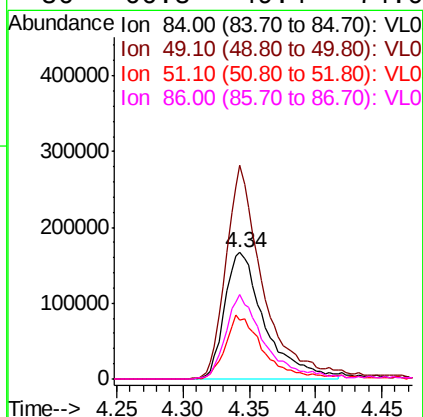
Ion Ratio Lower Upper

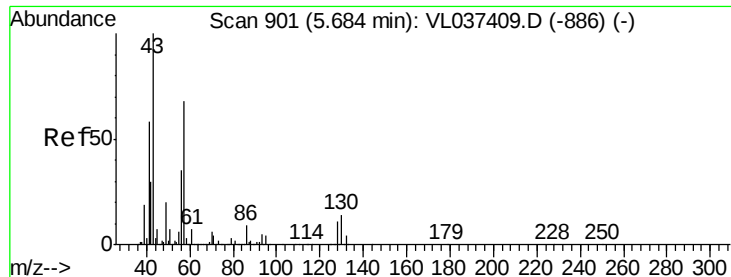
84 100

49 169.2 116.0 174.0

51 46.8 37.1 55.7

86 66.8 49.4 74.0





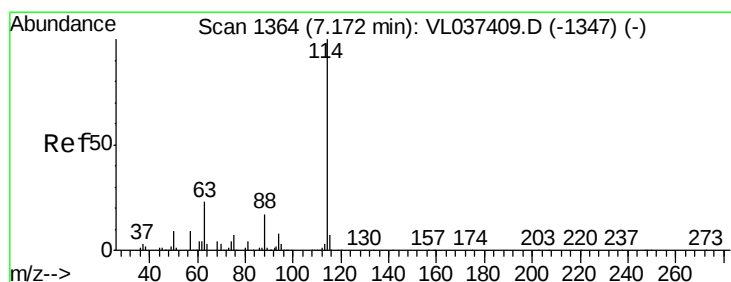
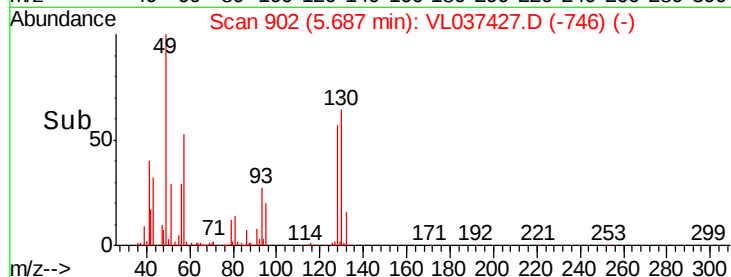
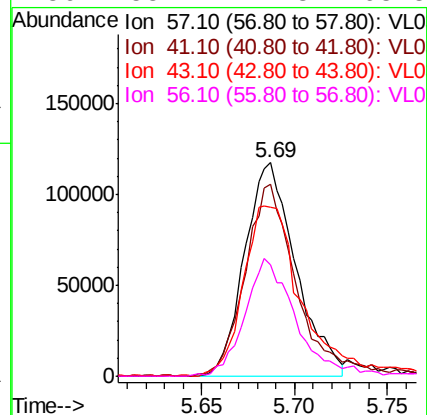
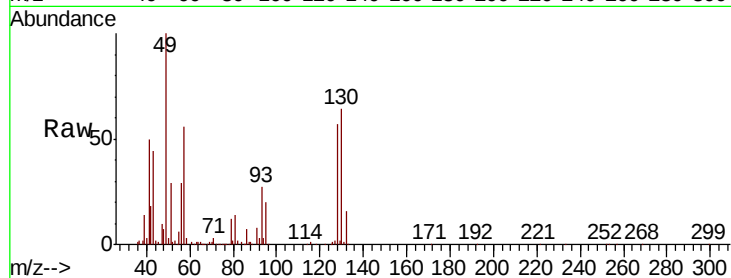
#26
Hexane
Concen: 1.361 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL037427.D
Acq: 13 Aug 2021 00:01

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INTERMEDIATE-2DL

Tot Ion	57	Resp	226315
Ion	Ratio	Lower	Upper
57	100		
41	93.0	72.5	108.7
43	93.5	169.3	253.9#
56	55.4	42.3	63.5

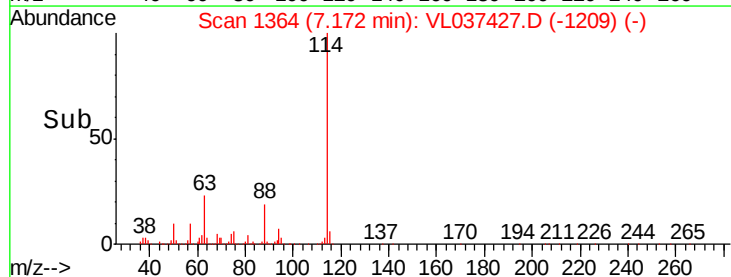
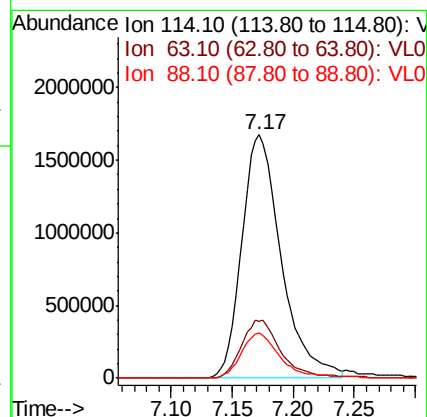
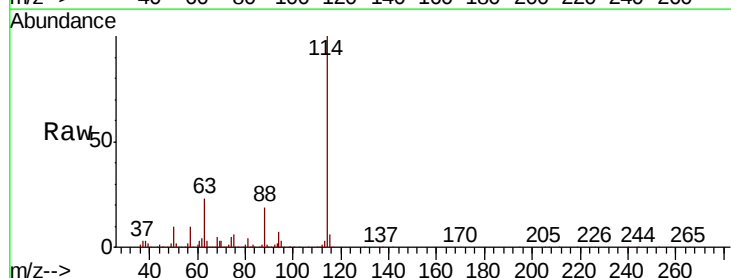
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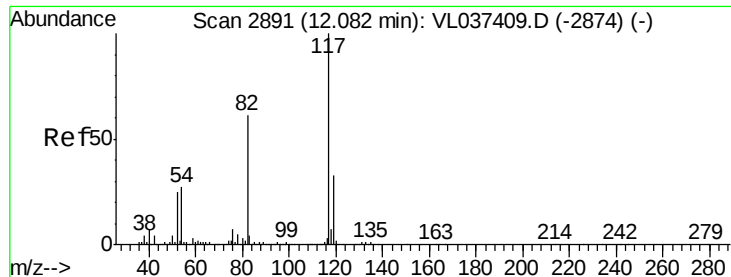
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VL037427.D
Acq: 13 Aug 2021 00:01

Tgt Ion	114	Resp	3753652
Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.4	29.2
88	18.5	14.2	21.4





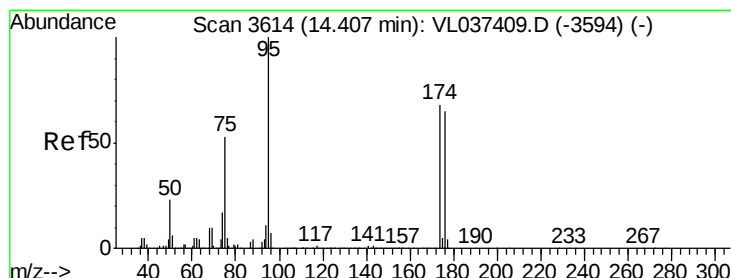
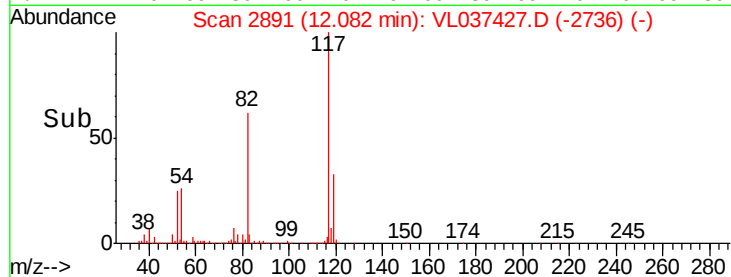
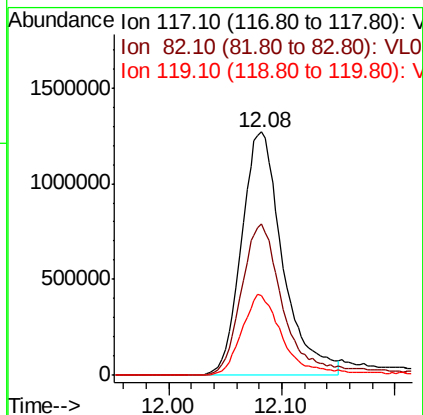
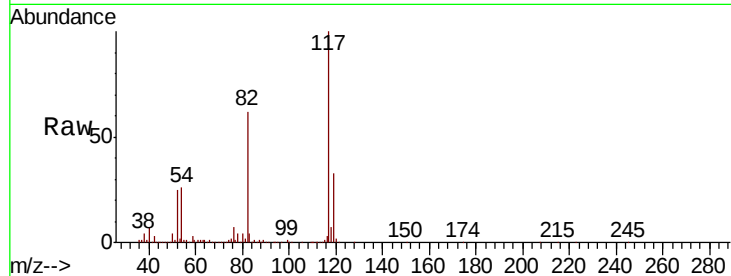
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.00 min
Lab File: VL037427.D
Acq: 13 Aug 2021 00:01

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INTERMEDIATE-2DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.5	53.1	79.7
119	33.4	28.0	42.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.475 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. 0.00 min
Lab File: VL037427.D
Acq: 13 Aug 2021 00:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.7	59.6	89.4
175	5.5	4.3	6.5

