

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080621\
 Data File : VL037363.D
 Acq On : 7 Aug 2021 3:57
 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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 8/10/2021 6:10:39 PM

Quant Time: Aug 07 05:48:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 0
 QLast Update : Fri Aug 06 17:52:04 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	775233	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2712954	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2186330	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1544505	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	14405m	0.278	ppbv	
13) Ethanol	3.64	45	25961m	2.713	ppbv	
15) Acetone	3.87	43	117706m	1.457	ppbv	
20) Methylene Chloride	4.34	84	59549m	0.880	ppbv	
25) Ethyl Acetate	5.69	43	47433	0.237	ppbv #	93
34) 2-Butanone	5.26	43	25821m	0.283	ppbv	
53) Toluene	9.79	91	26431m	0.109	ppbv	

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

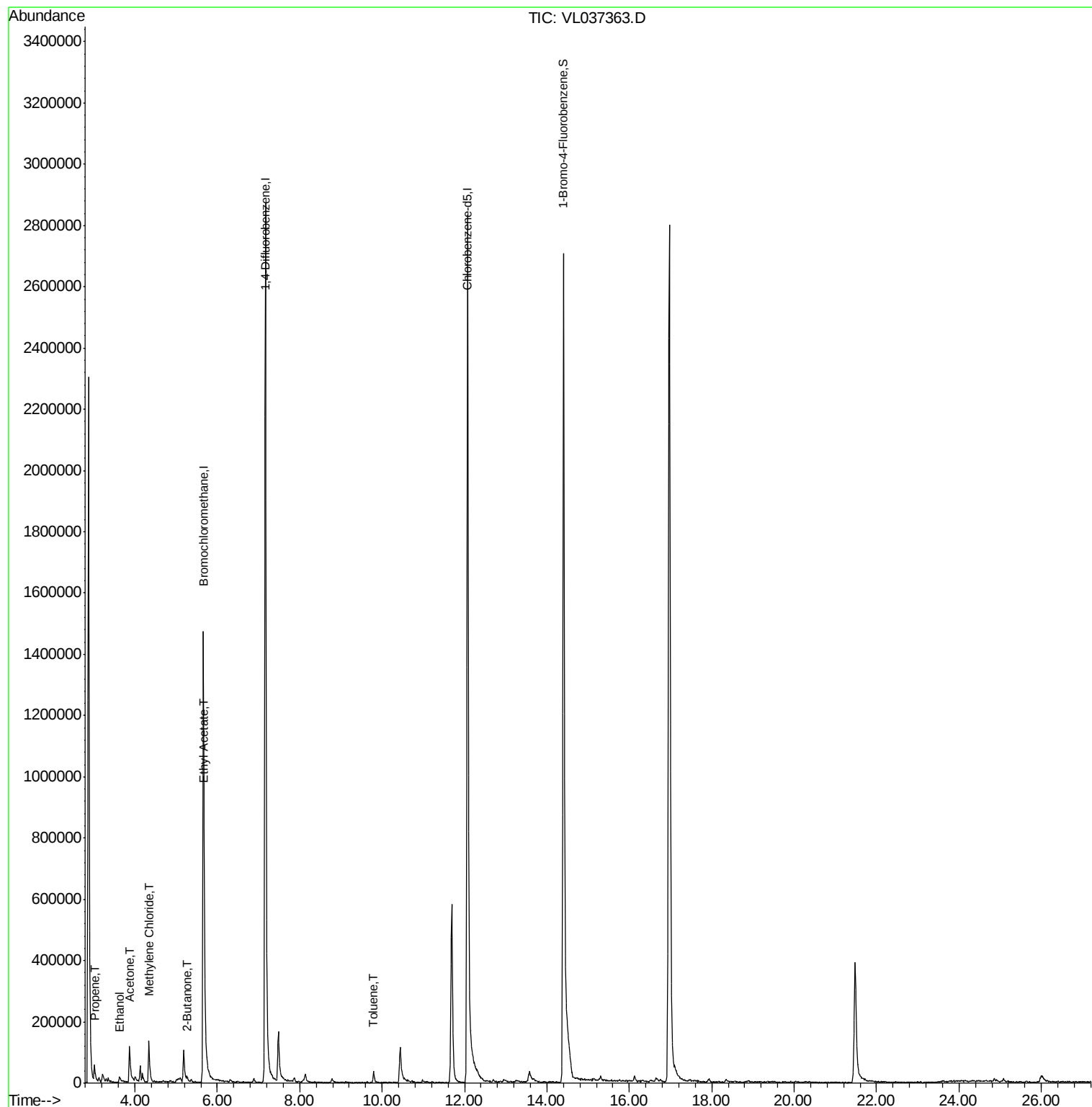
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080621\
Data File : VL037363.D
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Operator : SY/AP
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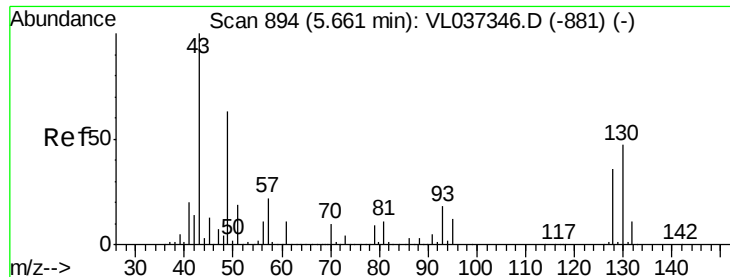
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL080621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Aug 06 17:52:04 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL037363.D

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Instrument :

MSVOA_L

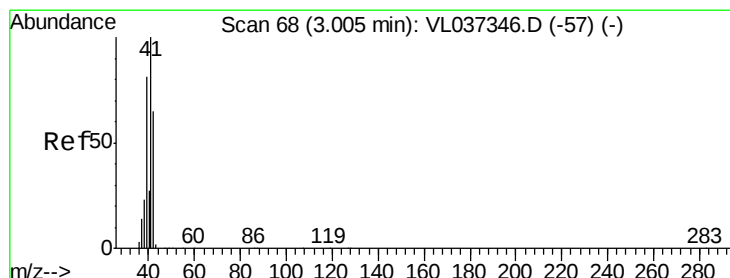
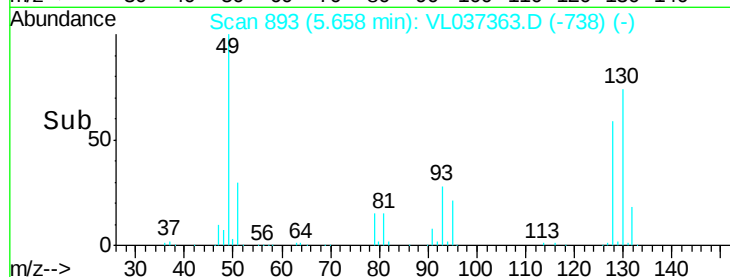
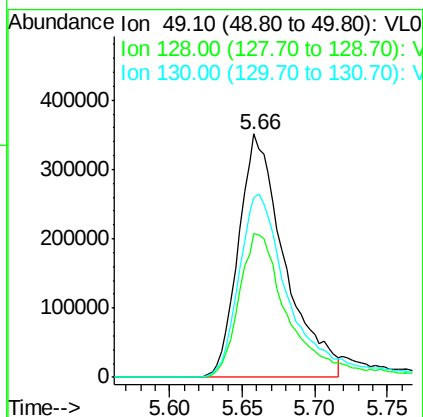
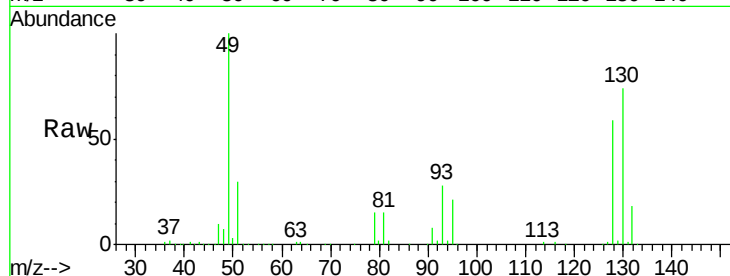
ClientSampleId :

OFFSITE-DDC-INTERMEDIATE-2DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	66.9	32.1	96.3
130	86.3	40.0	120.0

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#9

Propene

Concen: 0.278 ppbv m

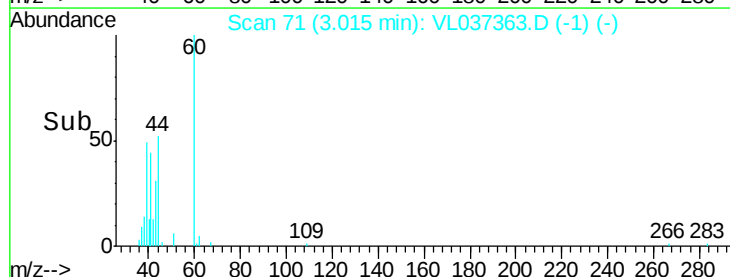
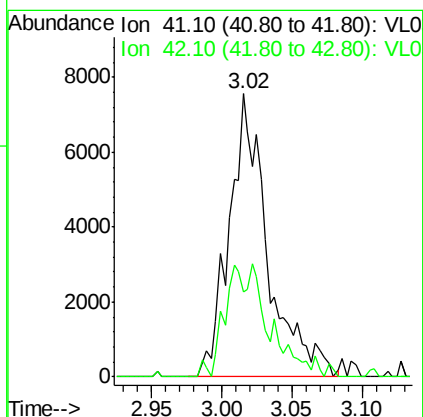
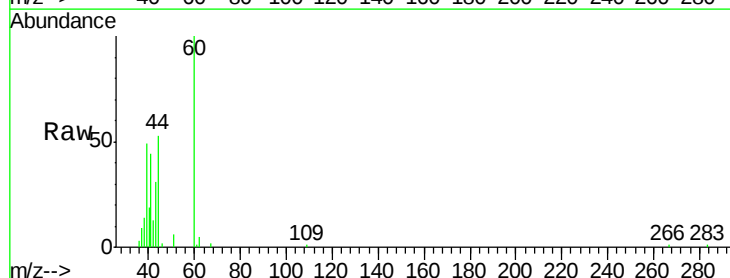
RT: 3.02 min Scan# 71

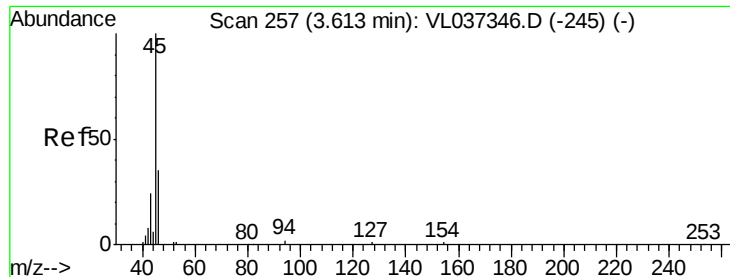
Delta R.T. 0.01 min

Lab File: VL037363.D

Acq: 7 Aug 2021 3:57

Tgt Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.3	81.5#





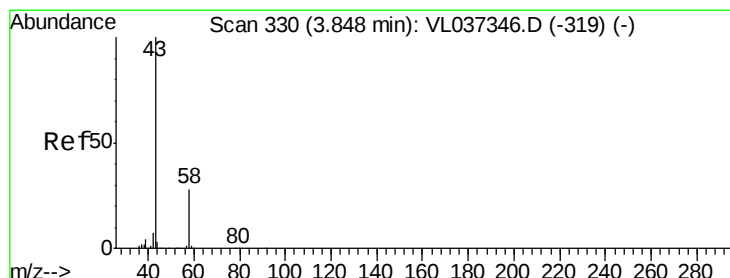
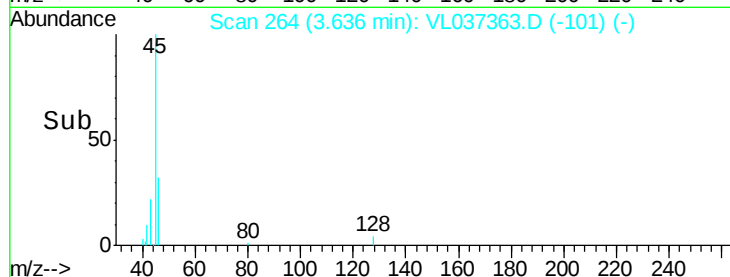
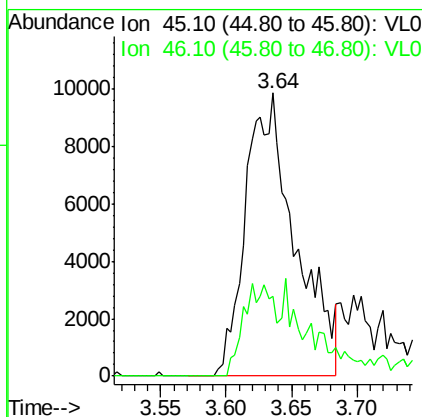
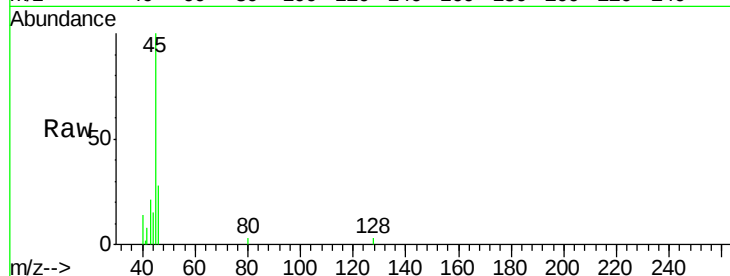
#13
Ethanol
Concen: 2.713 ppbv m
RT: 3.64 min Scan# 264
Delta R.T. 0.02 min
Lab File: VL037363.D
Acq: 7 Aug 2021 3:57

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

Tot Ion: 45 Resp: 25961
Ion Ratio Lower Upper
45 100
46 0.0 15.7 62.9#

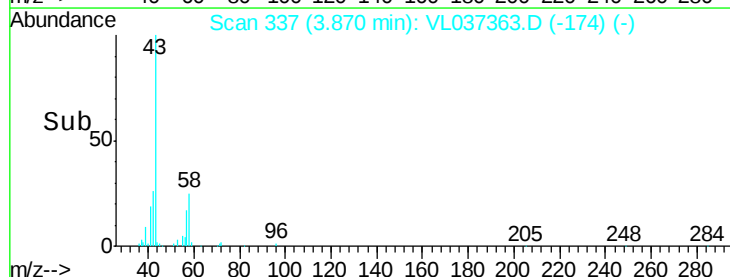
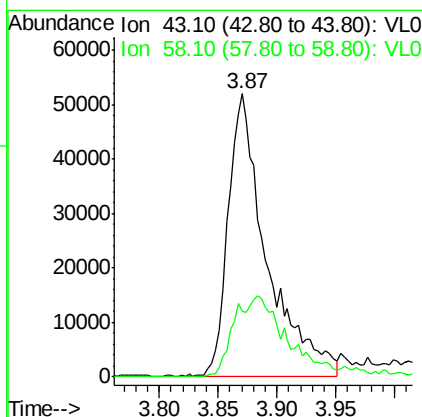
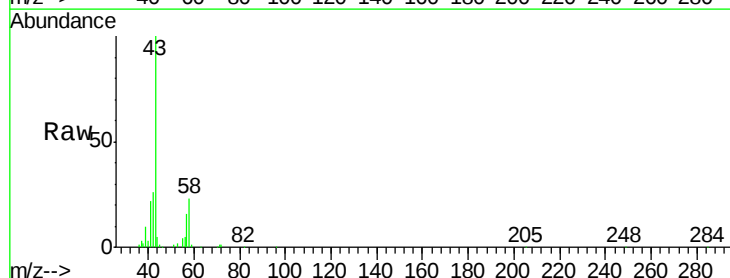
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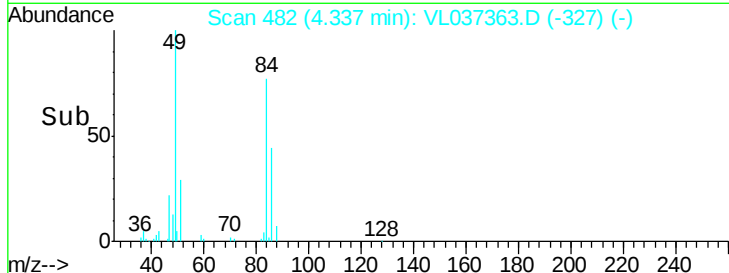
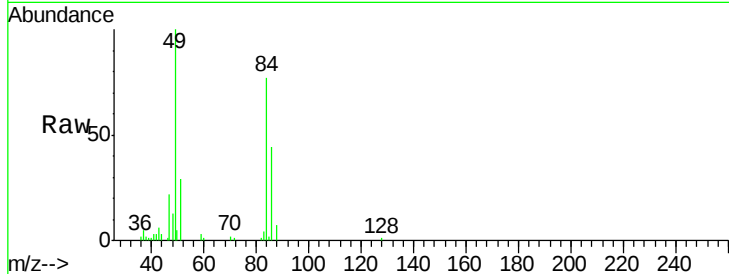
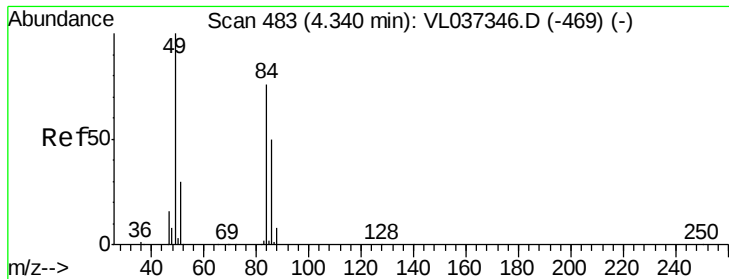
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#15
Acetone
Concen: 1.457 ppbv m
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL037363.D
Acq: 7 Aug 2021 3:57

Tgt Ion: 43 Resp: 117706
Ion Ratio Lower Upper
43 100
58 42.2 24.6 36.8#





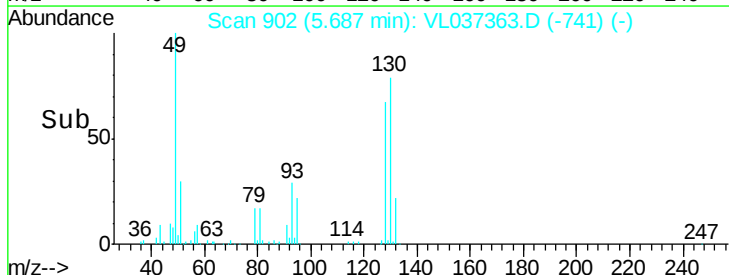
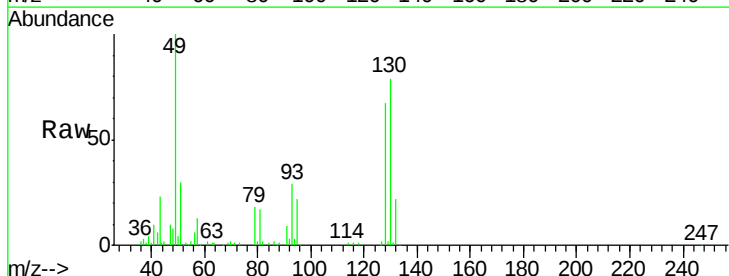
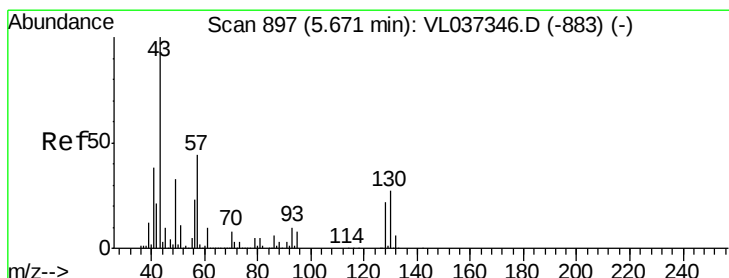
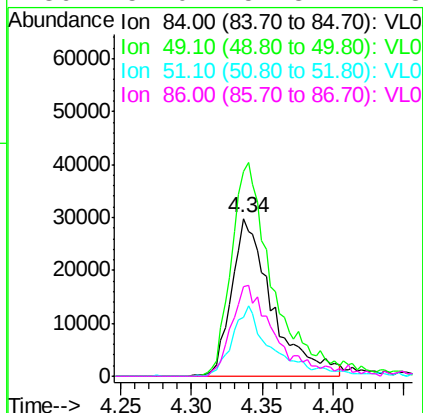
#20
Methvlene Chloride
Concen: 0.880 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL037363.D
Acq: 7 Aug 2021 3:57

Tot Ion:	84	Resp:	59549
Ion	Ratio	Lower	Upper
84	100		
49	129.9	107.3	160.9
51	37.2	33.0	49.4
86	57.0	51.8	77.8

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

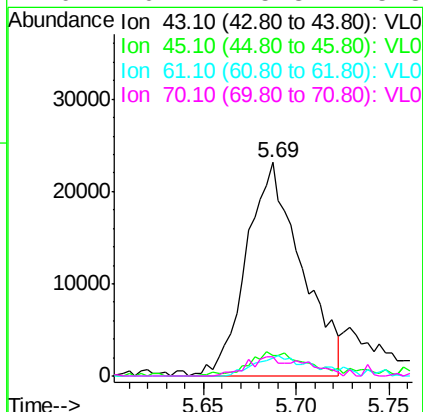
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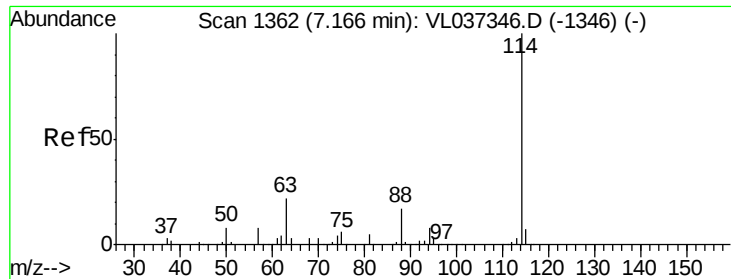
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#25
Ethyl Acetate
Concen: 0.237 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.02 min
Lab File: VL037363.D
Acq: 7 Aug 2021 3:57

Tgt Ion:	43	Resp:	47433
Ion	Ratio	Lower	Upper
43	100		
45	13.4	7.7	11.5#
61	11.0	8.2	12.2
70	10.4	5.8	8.8#





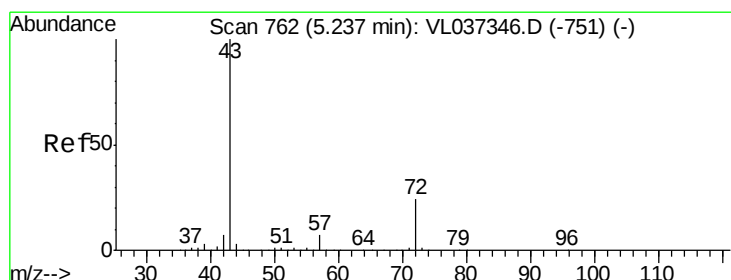
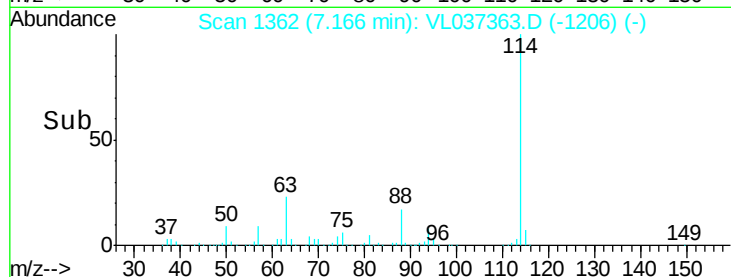
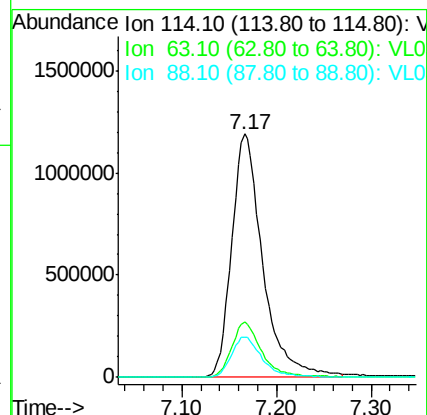
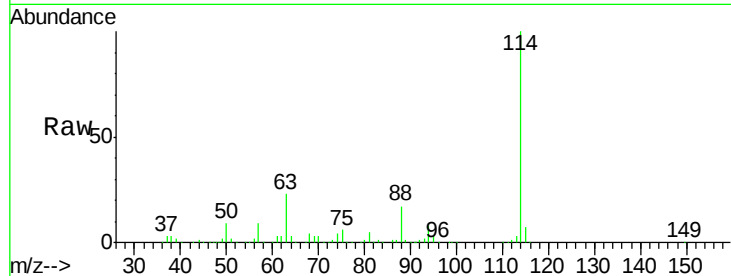
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VL037363.D
 Acq: 7 Aug 2021 3:57

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

Tot Ion:114 Resp: 2712954
 Ion Ratio Lower Upper
 114 100
 63 22.5 17.8 26.6
 88 16.9 13.5 20.3

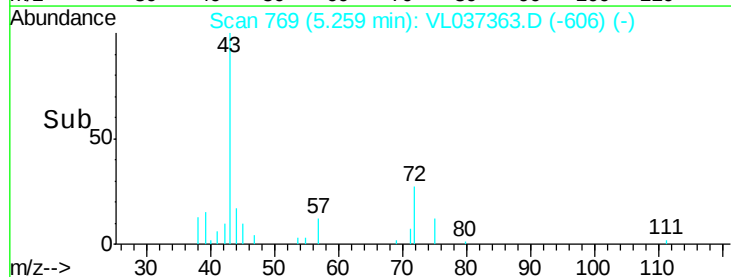
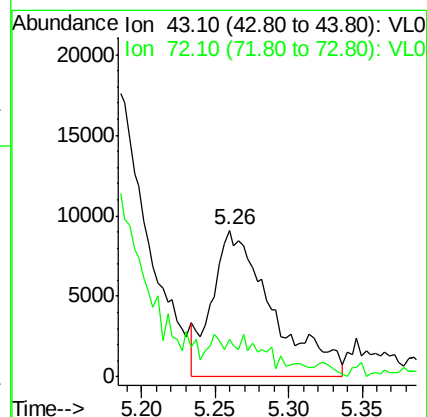
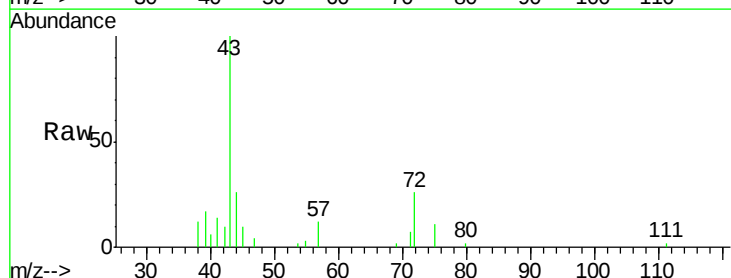
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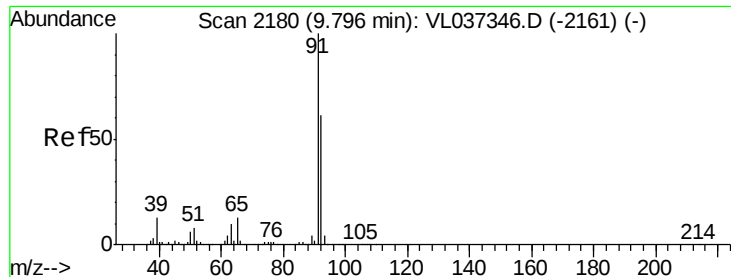
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#34
 2-Butanone
 Concen: 0.283 ppbv m
 RT: 5.26 min Scan# 769
 Delta R.T. 0.02 min
 Lab File: VL037363.D
 Acq: 7 Aug 2021 3:57

Tgt Ion: 43 Resp: 25821
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.8 29.6#





#53

Toluene

Concen: 0.109 ppbv m

RT: 9.79 min Scan# 2179

Delta R.T. -0.00 min

Lab File: VL037363.D

Acq: 7 Aug 2021 3:57

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-DDC-INTERMEDIATE-2DL

Tot Ion: 91 Resp: 26431

Ion Ratio Lower Upper

91 100

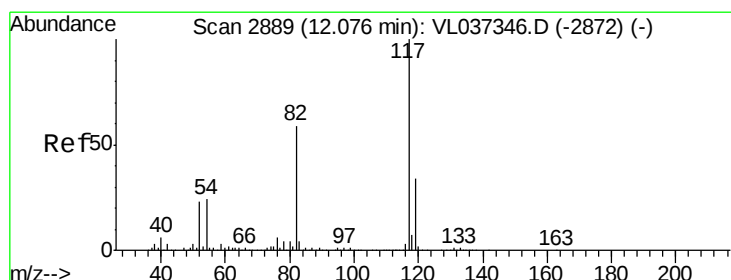
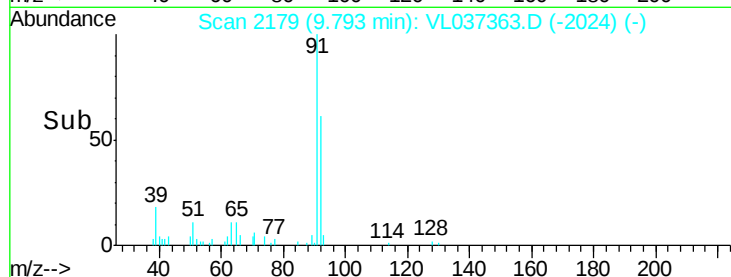
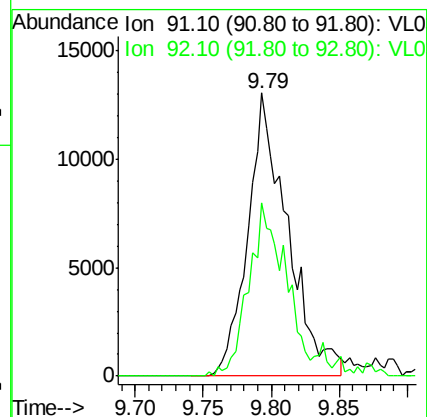
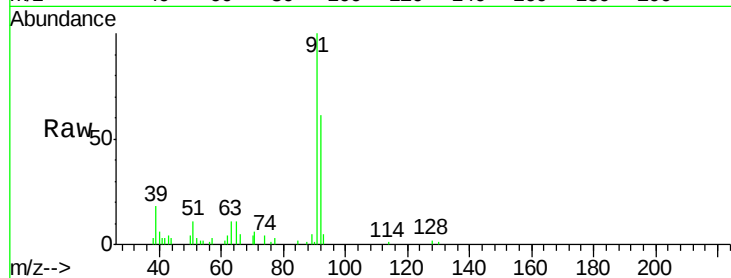
92 62.8 48.2 72.4

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2889

Delta R.T. 0.00 min

Lab File: VL037363.D

Acq: 7 Aug 2021 3:57

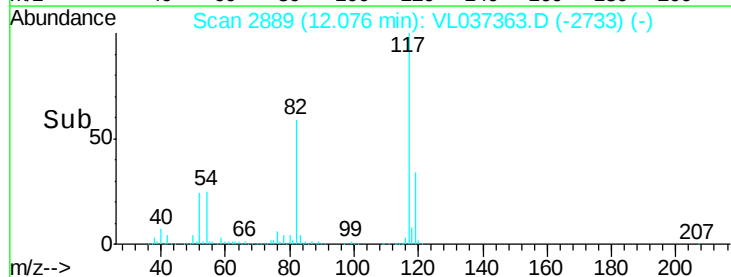
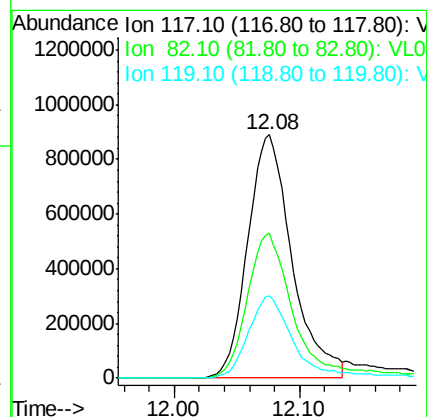
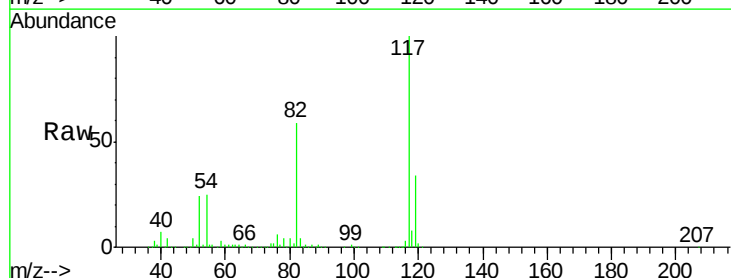
Tgt Ion: 117 Resp: 2186330

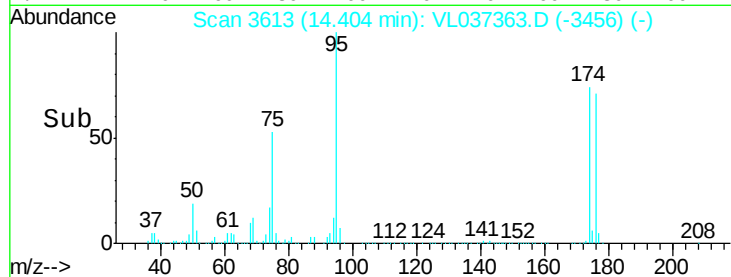
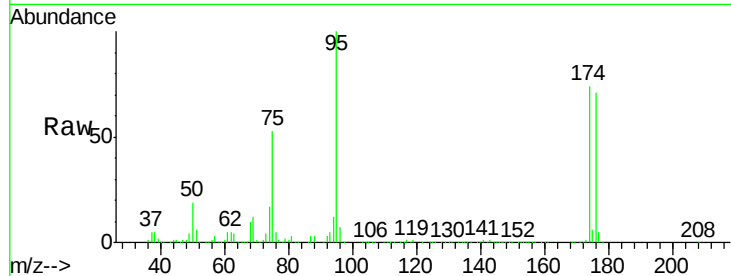
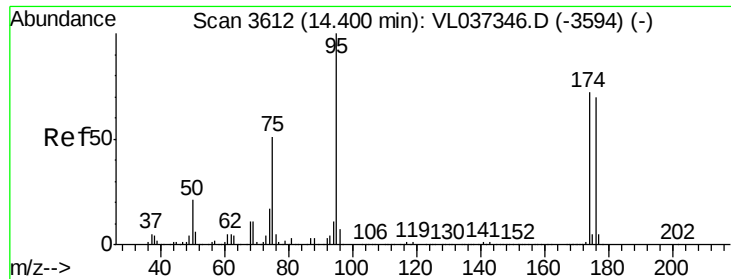
Ion Ratio Lower Upper

117 100

82 67.6 46.0 69.0

119 34.9 24.4 36.6





#68

1-Bromo-4-Fluorobenzene

Concen: 10.028 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. 0.00 min

Lab File: VL037363.D

Acq: 7 Aug 2021 3:57

Tot Ion: 95 Resp: 1544505

Ion Ratio Lower Upper

95 100

174 82.5 60.8 91.2

175 5.8 4.3 6.5

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-DDC-INTERMEDIATE-2DL

Manual Integrations

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