

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036569.D
 Acq On : 30 Mar 2021 14:21
 Operator : SY/AP
 Sample : M1797-01DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MF-SG-01(2021)DL2

Manual Integrations
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 4/1/2021 10:58:11 AM

Quant Time: Mar 31 06:50:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 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	5.65	49	1210819	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3034924	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2629923	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2122430	10.13	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	39023m	0.541	ppbv	
13) Ethanol	3.59	45	231849m	26.996	ppbv	
15) Acetone	3.84	43	436787	3.665	ppbv	94
19) Isopropyl Alcohol	3.97	45	42501m	0.648	ppbv	
20) Methylene Chloride	4.33	84	117674	2.109	ppbv	91
26) Hexane	5.66	57	225537	1.715	ppbv #	46
29) Chloroform	5.73	83	496000	2.359	ppbv	93
34) 2-Butanone	5.24	43	29800	0.201	ppbv #	81
53) Toluene	9.78	91	30820	0.103	ppbv	89
58) Ethyl Benzene	12.69	91	187911	0.491	ppbv	97
59) m/p-Xylene	12.94	91	394008m	1.181	ppbv	
60) o-Xylene	13.67	91	112202	0.348	ppbv	98

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

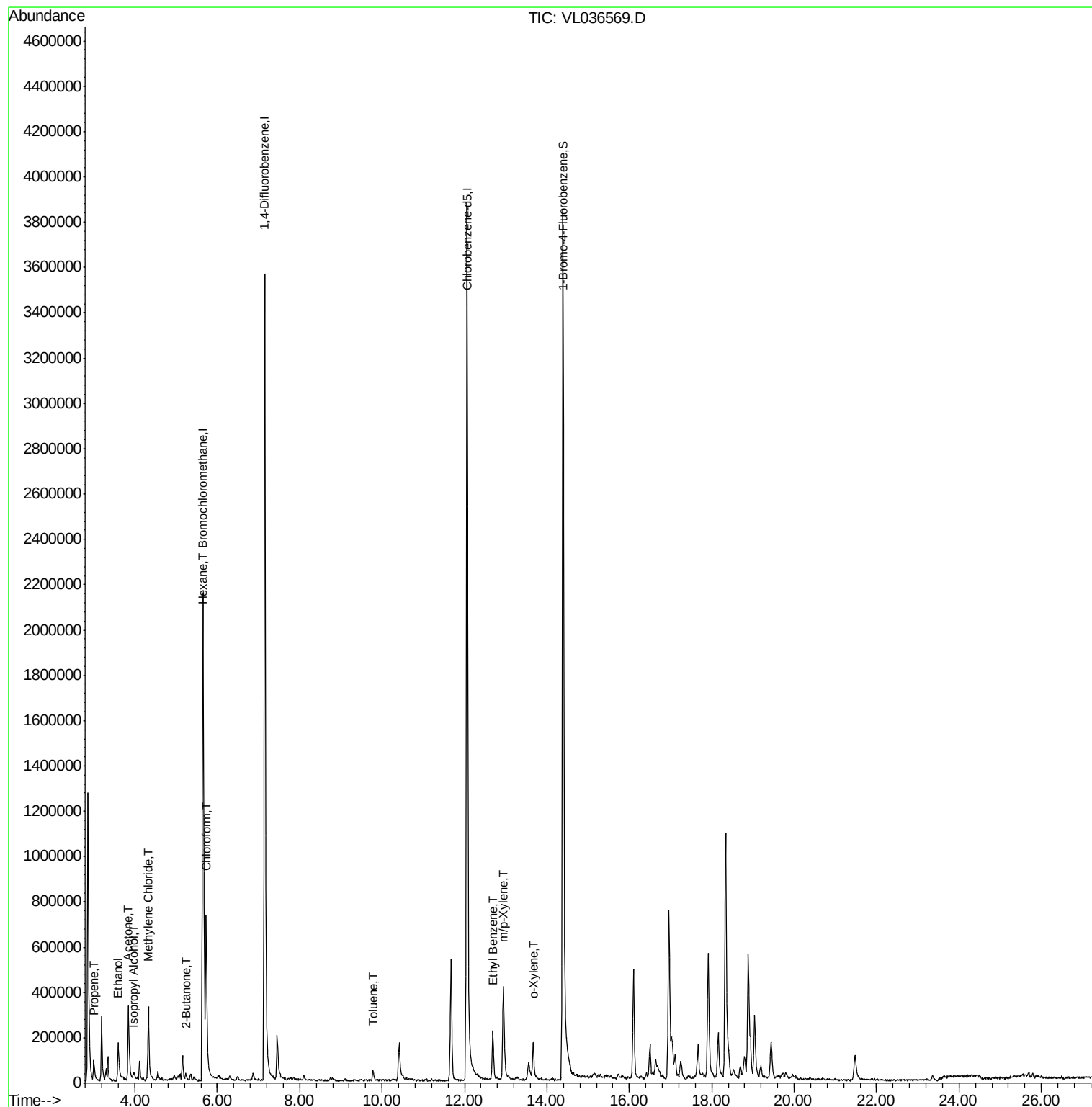
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
Data File : VL036569.D
Acq On : 30 Mar 2021 14:21
Operator : SY/AP
Sample : M1797-01DL2 40X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

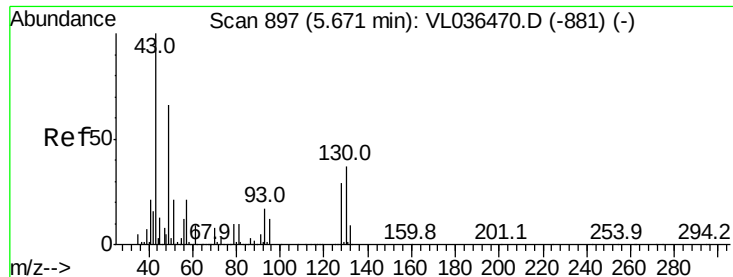
Instrument :
MSVOA_L
ClientSampleId :
MF-SG-01(2021)DL2

Manual Integrations
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4/1/2021 10:58:11 AM

Quant Time: Mar 31 06:50:53 2021
Quant Method : Z:\VOASRV\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





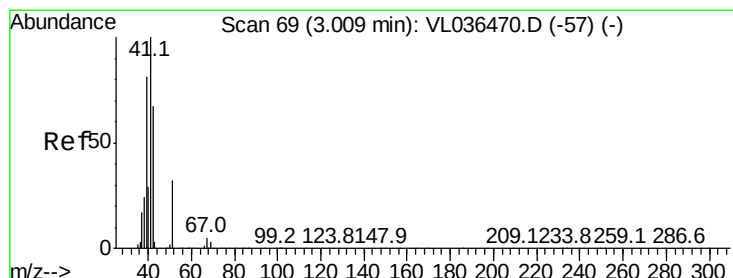
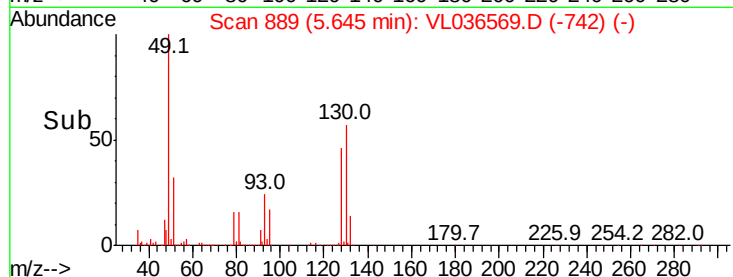
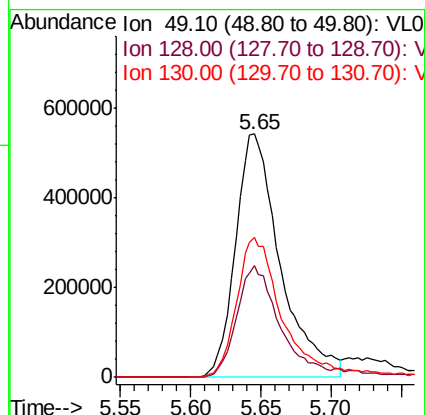
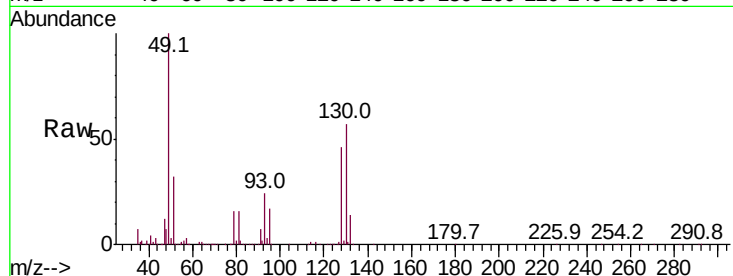
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.03 min
Lab File: VL036569.D
Acq: 30 Mar 2021 14:21

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-01(2021)DL2

Tot Ion: 49 Resp: 1210819
Ion Ratio Lower Upper
49 100
128 47.5 23.5 70.6
130 60.7 29.1 87.4

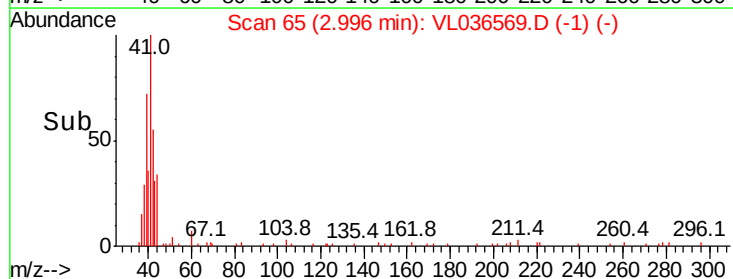
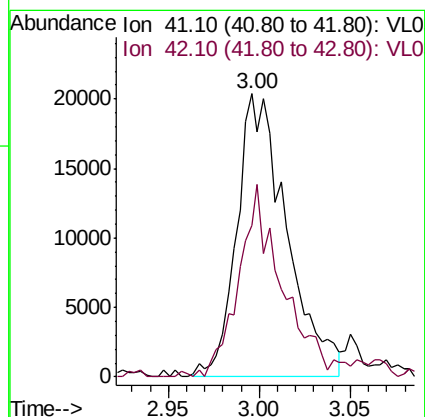
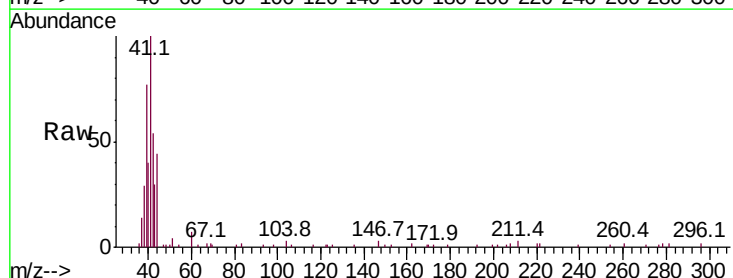
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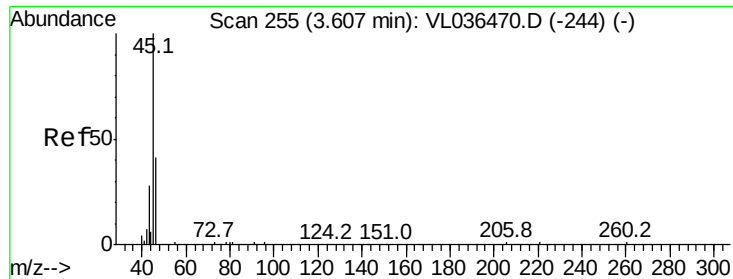
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#9
Propene
Concen: 0.541 ppbv m
RT: 3.00 min Scan# 65
Delta R.T. -0.01 min
Lab File: VL036569.D
Acq: 30 Mar 2021 14:21

Tgt Ion: 41 Resp: 39023
Ion Ratio Lower Upper
41 100
42 0.0 57.0 85.4#





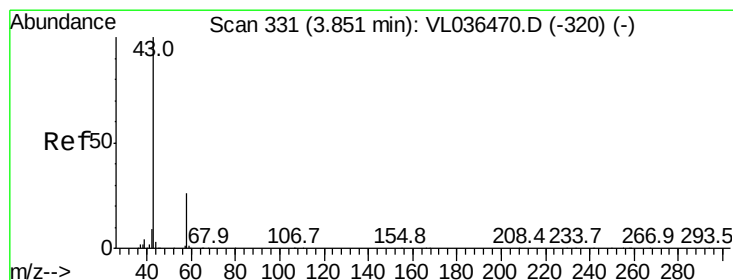
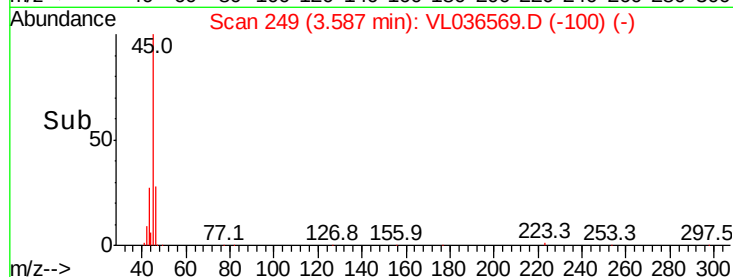
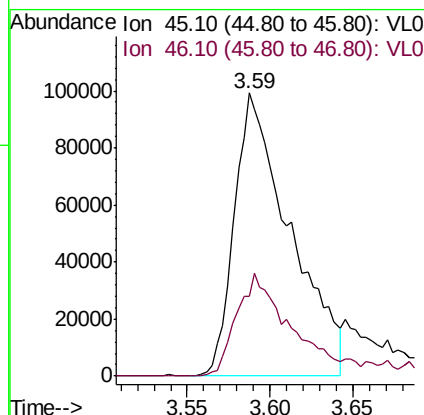
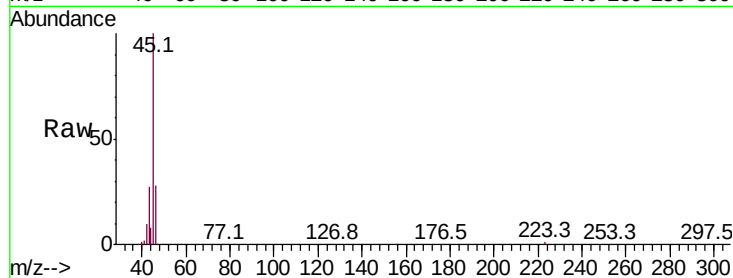
#13
Ethanol
Concen: 26.996 ppbv m
RT: 3.59 min Scan# 249
Delta R.T. -0.02 min
Lab File: VL036569.D
Acq: 30 Mar 2021 14:21

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-01(2021)DL2

Tot Ion: 45 Resp: 231849
Ion Ratio Lower Upper
45 100
46 41.0 16.6 66.2

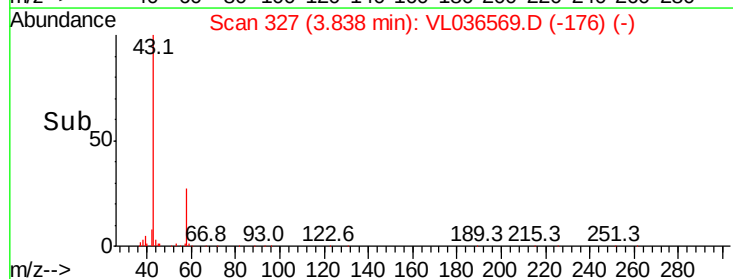
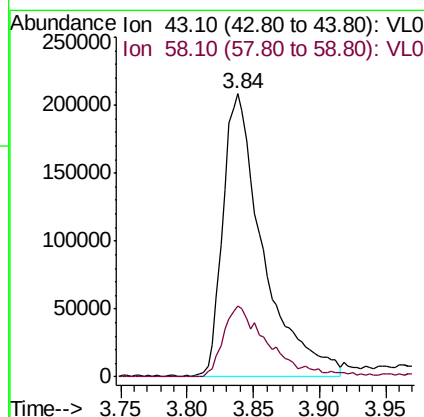
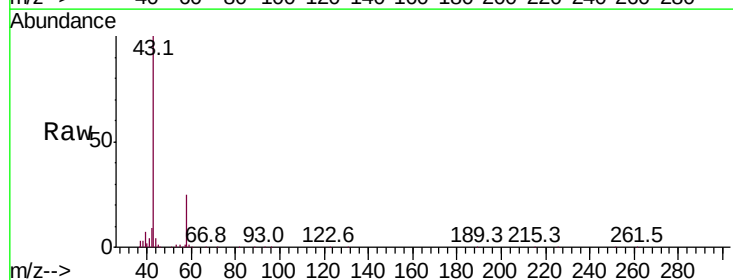
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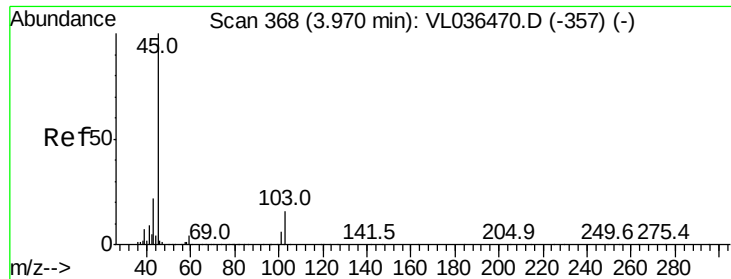
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#15
Acetone
Concen: 3.665 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL036569.D
Acq: 30 Mar 2021 14:21

Tgt Ion: 43 Resp: 436787
Ion Ratio Lower Upper
43 100
58 29.8 21.2 31.8





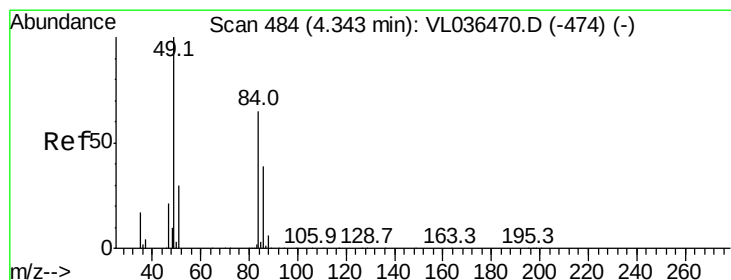
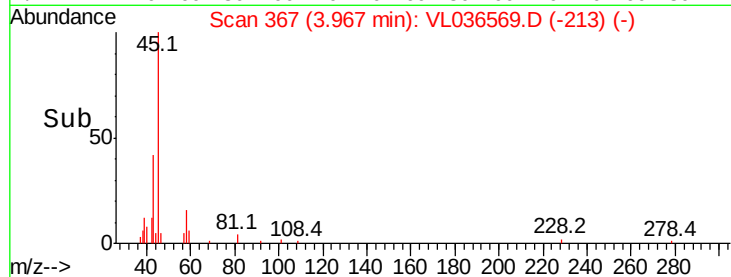
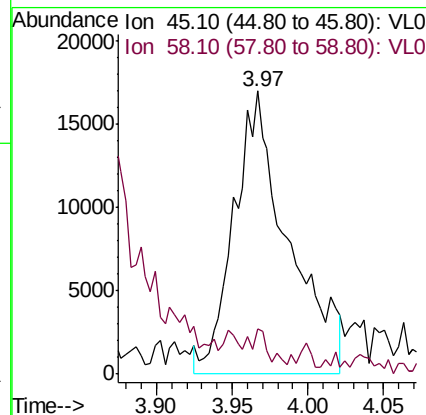
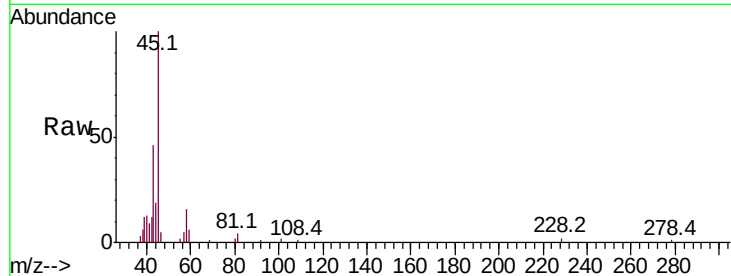
#19
Isopropyl Alcohol
Concen: 0.648 ppbv m
RT: 3.97 min Scan# 367
Delta R.T. -0.00 min
Lab File: VL036569.D
Acq: 30 Mar 2021 14:21

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-01(2021)DL2

Tot Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.9	4.3#

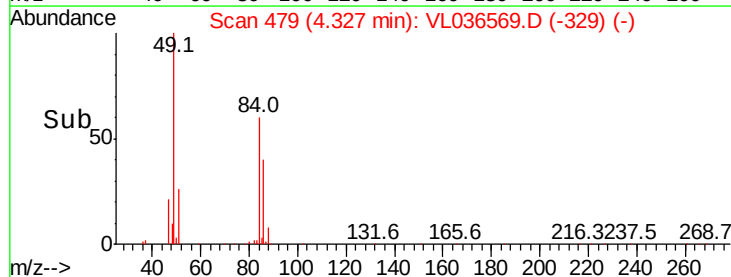
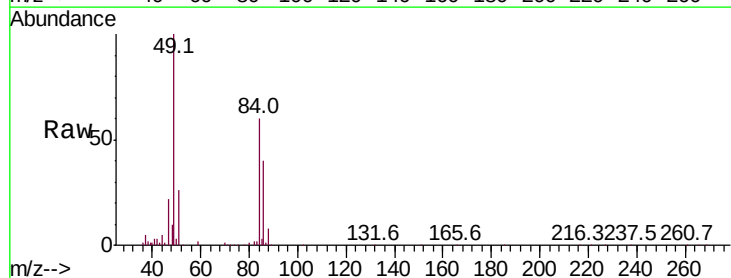
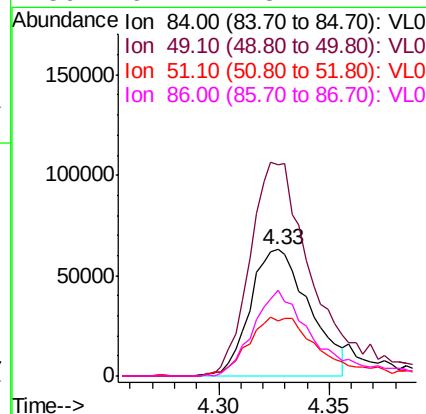
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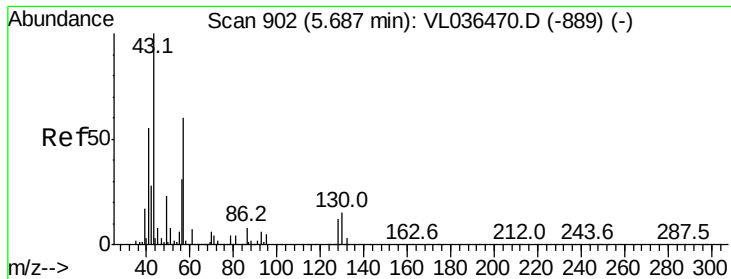
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#20
Methylene Chloride
Concen: 2.109 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL036569.D
Acq: 30 Mar 2021 14:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	167.1	122.9	184.3
51	43.8	36.9	55.3
86	67.4	48.2	72.4





#26

Hexane

Concen: 1.715 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.02 min

Lab File: VL036569.D

Acq: 30 Mar 2021 14:21

Instrument :

MSVOA_L

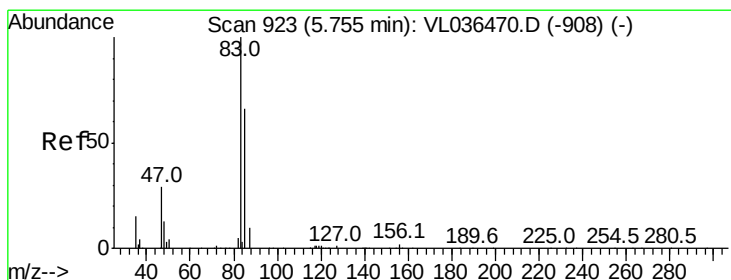
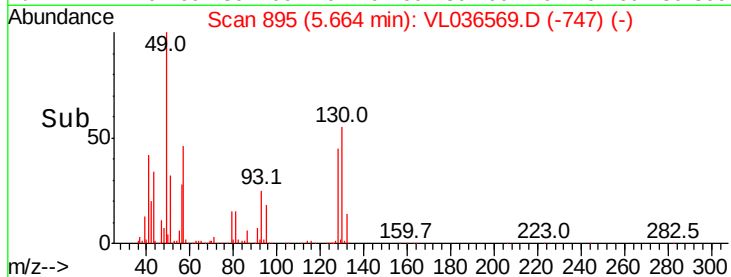
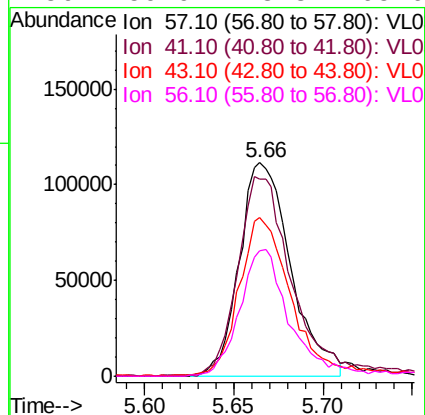
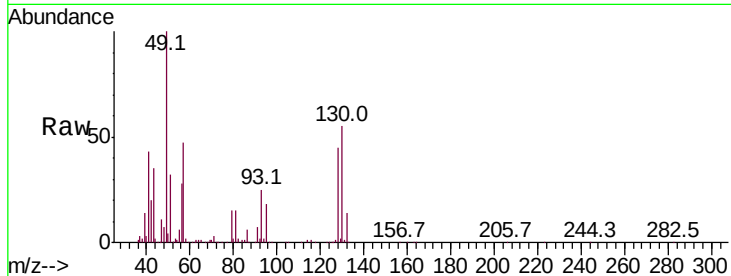
ClientSampleId :

MF-SG-01(2021)DL2

Tot Ion	57	Resp	225537
Ion Ratio	Lower	Upper	
57	100		
41	101.9	77.2	115.8
43	77.3	173.8	260.6#
56	59.9	43.8	65.6

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#29

Chloroform

Concen: 2.359 ppbv

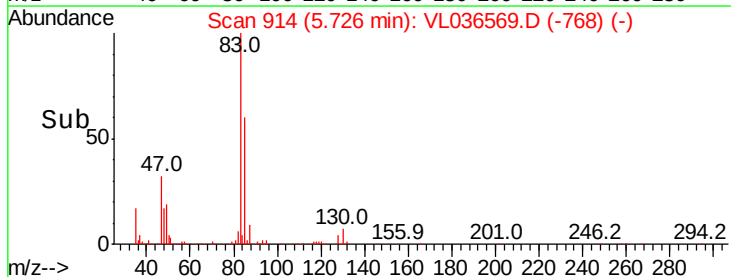
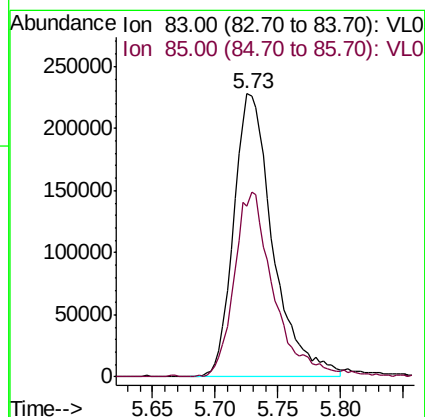
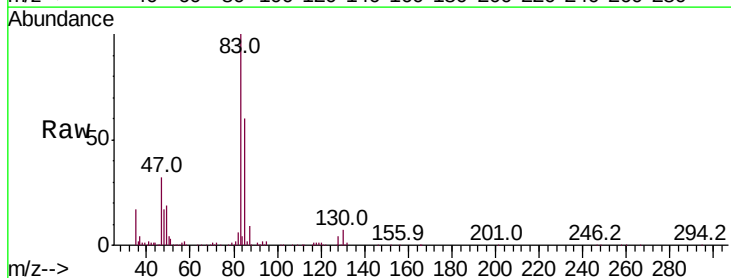
RT: 5.73 min Scan# 914

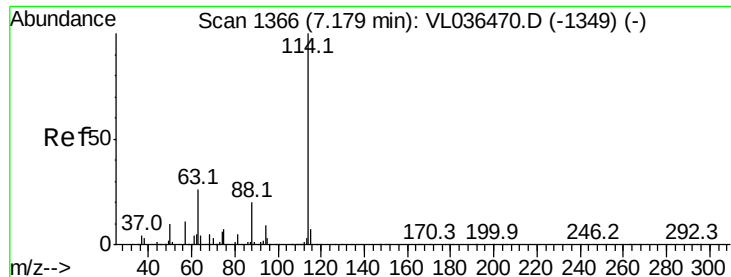
Delta R.T. -0.03 min

Lab File: VL036569.D

Acq: 30 Mar 2021 14:21

Tgt Ion	83	Resp	496000
Ion Ratio	Lower	Upper	
83	100		
85	60.0	52.6	78.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1357

Delta R.T. -0.03 min

Lab File: VL036569.D

Acq: 30 Mar 2021 14:21

Instrument :
MSVOA_L

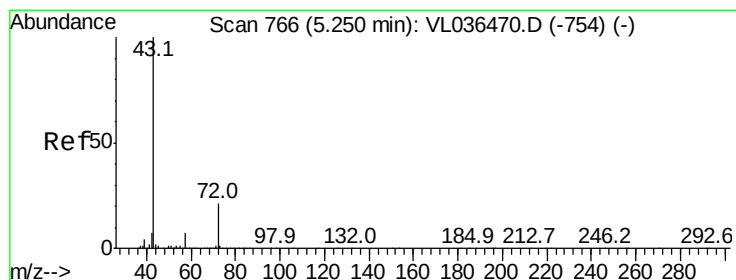
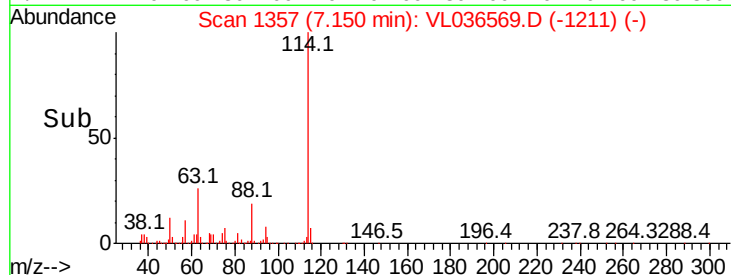
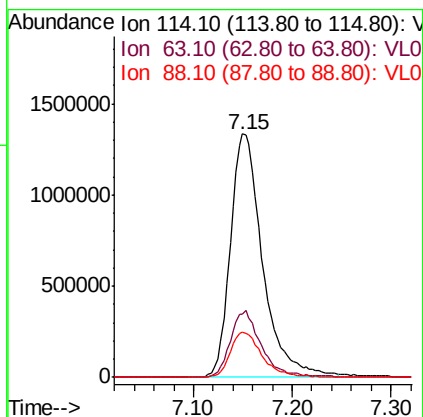
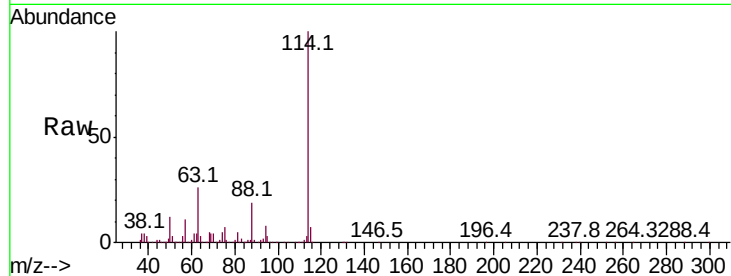
ClientSampleId :
MF-SG-01(2021)DL2

Tot Ion:114 Resp: 3034924

Ion	Ratio	Lower	Upper
114	100		
63	26.9	22.4	33.6
88	18.7	15.4	23.0

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#34

2-Butanone

Concen: 0.201 ppbv

RT: 5.24 min Scan# 762

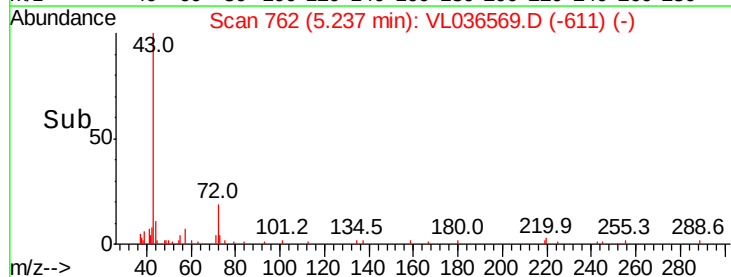
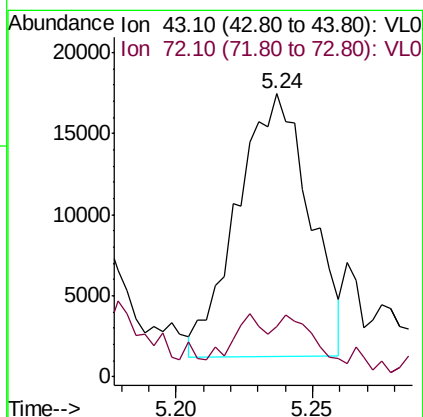
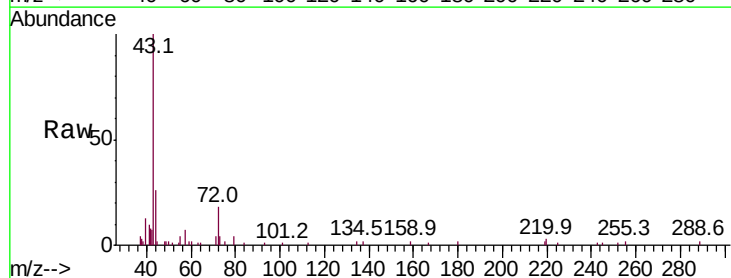
Delta R.T. -0.01 min

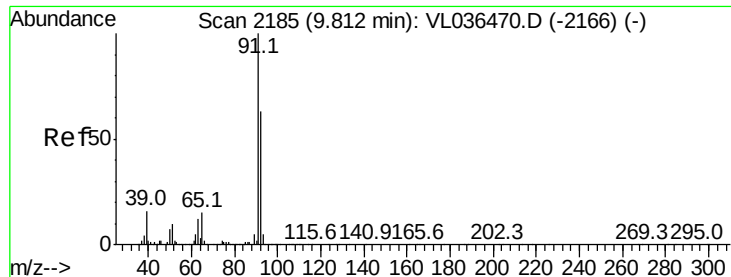
Lab File: VL036569.D

Acq: 30 Mar 2021 14:21

Tgt Ion: 43 Resp: 29800

Ion	Ratio	Lower	Upper
43	100		
72	30.3	17.0	25.6





#53

Toluene

Concen: 0.103 ppbv

RT: 9.78 min Scan# 2175

Delta R.T. -0.03 min

Lab File: VL036569.D

Acq: 30 Mar 2021 14:21

Instrument :

MSVOA_L

ClientSampleId :

MF-SG-01(2021)DL2

Tot Ion: 91 Resp: 30820

Ion Ratio Lower Upper

91 100

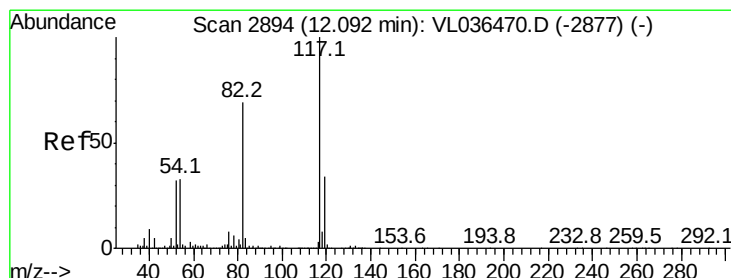
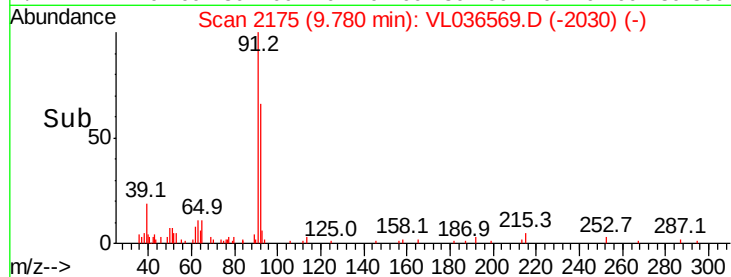
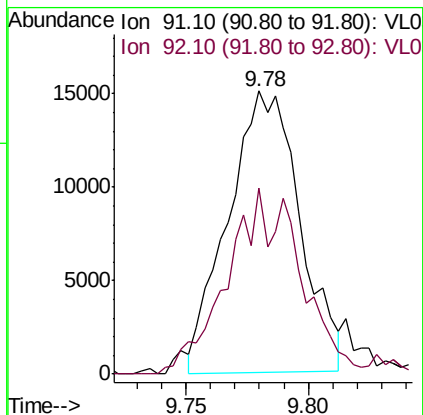
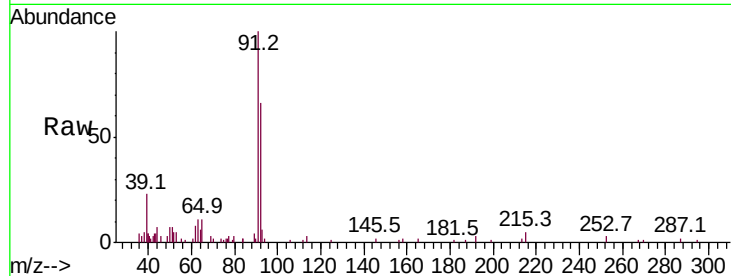
92 69.4 48.8 73.2

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2884

Delta R.T. -0.03 min

Lab File: VL036569.D

Acq: 30 Mar 2021 14:21

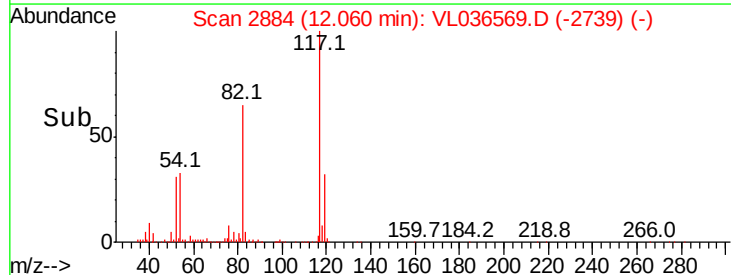
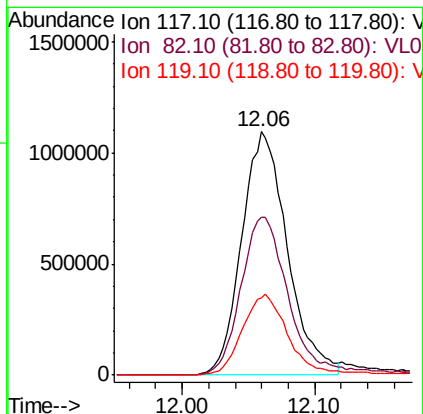
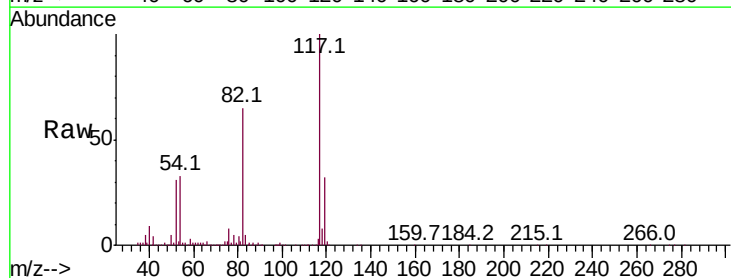
Tgt Ion: 117 Resp: 2629923

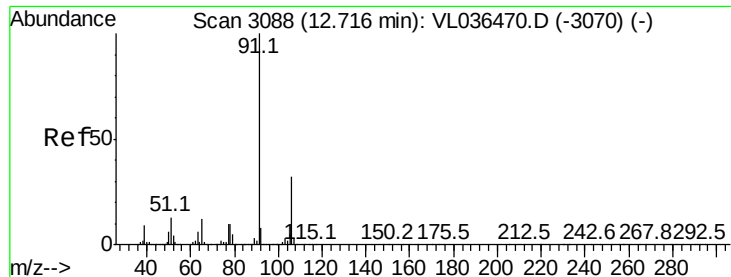
Ion Ratio Lower Upper

117 100

82 69.6 57.4 86.0

119 34.1 47.4 71.0#





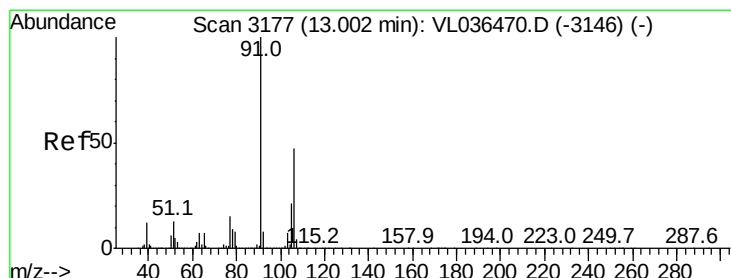
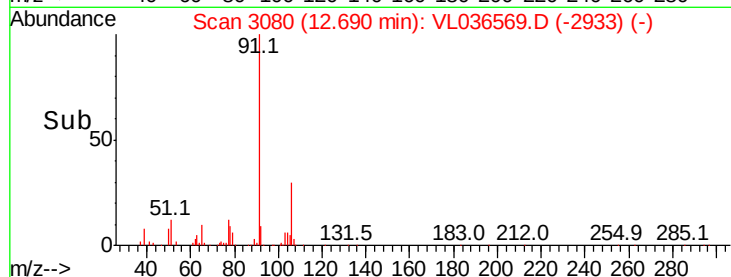
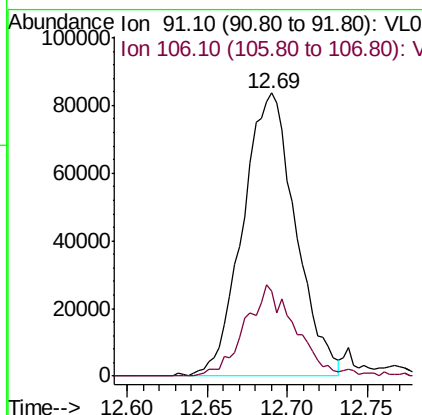
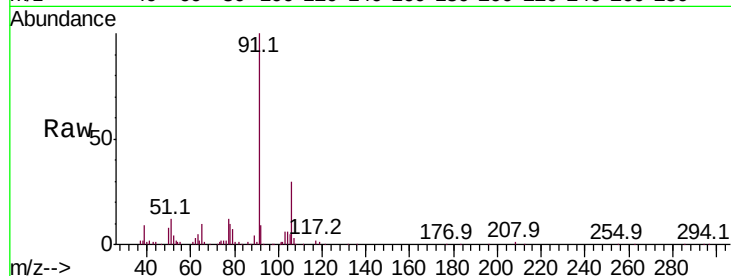
#58
Ethyl Benzene
Concen: 0.491 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.03 min
Lab File: VL036569.D
Acq: 30 Mar 2021 14:21

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-01(2021)DL2

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	29.9	25.3	37.9	

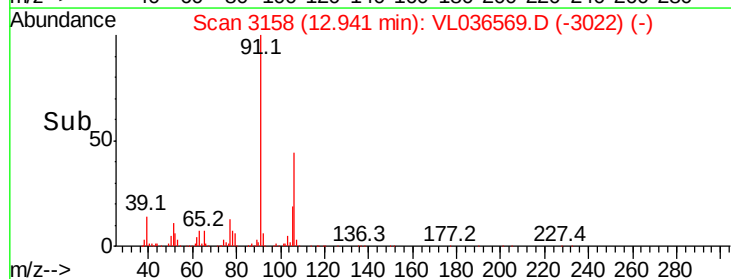
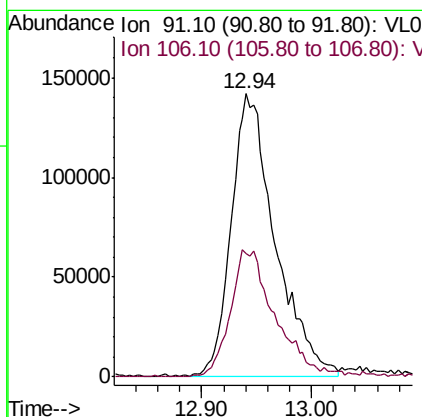
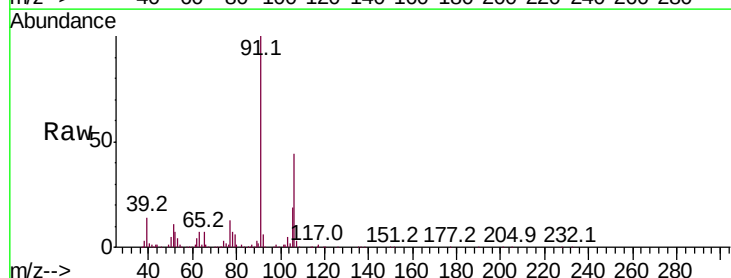
Manual Integrations
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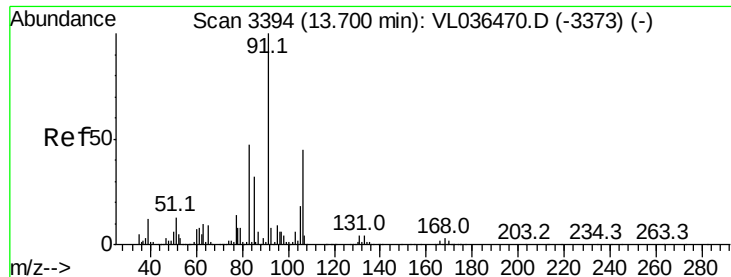
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#59
m/p-Xylene
Concen: 1.181 ppbv m
RT: 12.94 min Scan# 3158
Delta R.T. -0.06 min
Lab File: VL036569.D
Acq: 30 Mar 2021 14:21

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
106	0.0	35.3	52.9	#





#60

o-Xylene

Concen: 0.348 ppbv

RT: 13.67 min Scan# 3384

Delta R.T. -0.03 min

Lab File: VL036569.D

Acq: 30 Mar 2021 14:21

Instrument :

MSVOA_L

ClientSampleId :

MF-SG-01(2021)DL2

Tot Ion: 91 Resp: 112202

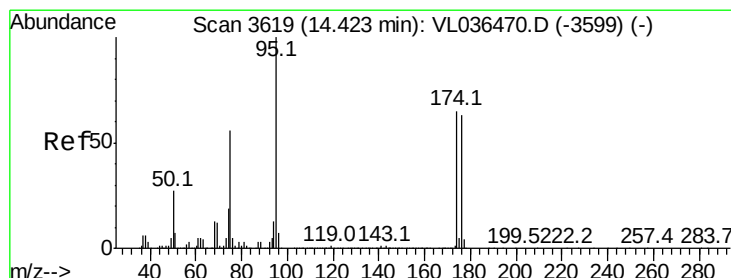
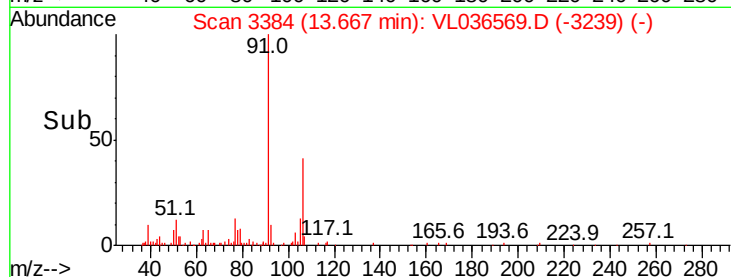
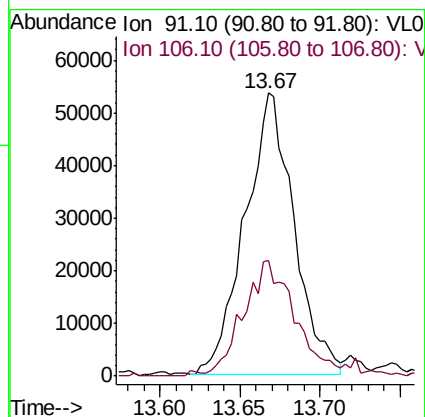
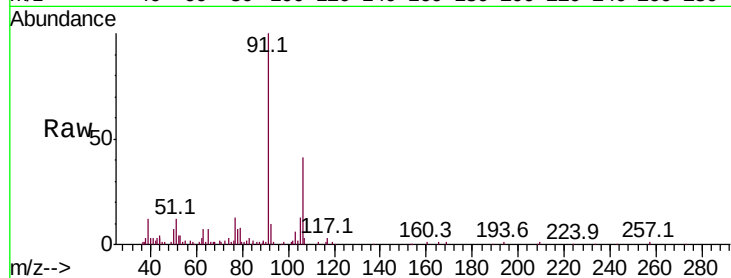
Ion Ratio Lower Upper

91 100

106 45.9 22.3 66.9

Manual Integrations
APPROVED

MMDadoda
4/1/2021 10:58:11 AM



#68

1-Bromo-4-Fluorobenzene

Concen: 10.126 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.03 min

Lab File: VL036569.D

Acq: 30 Mar 2021 14:21

Tgt Ion: 95 Resp: 2122430

Ion Ratio Lower Upper

95 100

174 66.6 51.0 76.6

175 4.9 3.9 5.9

