

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037506.D
 Acq On : 19 Aug 2021 19:53
 Operator : SY/AP
 Sample : M3480-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-6DL

Manual Integrations
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Quant Time: Aug 20 01:15:13 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1353158	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4108419	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3543844	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2350124	9.33	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	114955	0.444	ppbv #	86
9) Propene	3.02	41	21454m	0.231	ppbv	
13) Ethanol	3.62	45	214488m	23.775	ppbv	
15) Acetone	3.86	43	464840	3.375	ppbv #	86
19) Isopropyl Alcohol	3.98	45	46443m	0.589	ppbv	
20) Methylene Chloride	4.35	84	134024	1.944	ppbv	98
26) Hexane	5.69	57	104911	0.614	ppbv #	49
36) Benzene	6.90	78	92537	0.268	ppbv	95
38) Trichloroethene	7.83	130	9015m	0.064	ppbv	
62) Isopropylbenzene	14.67	105	136903m	0.244	ppbv	

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

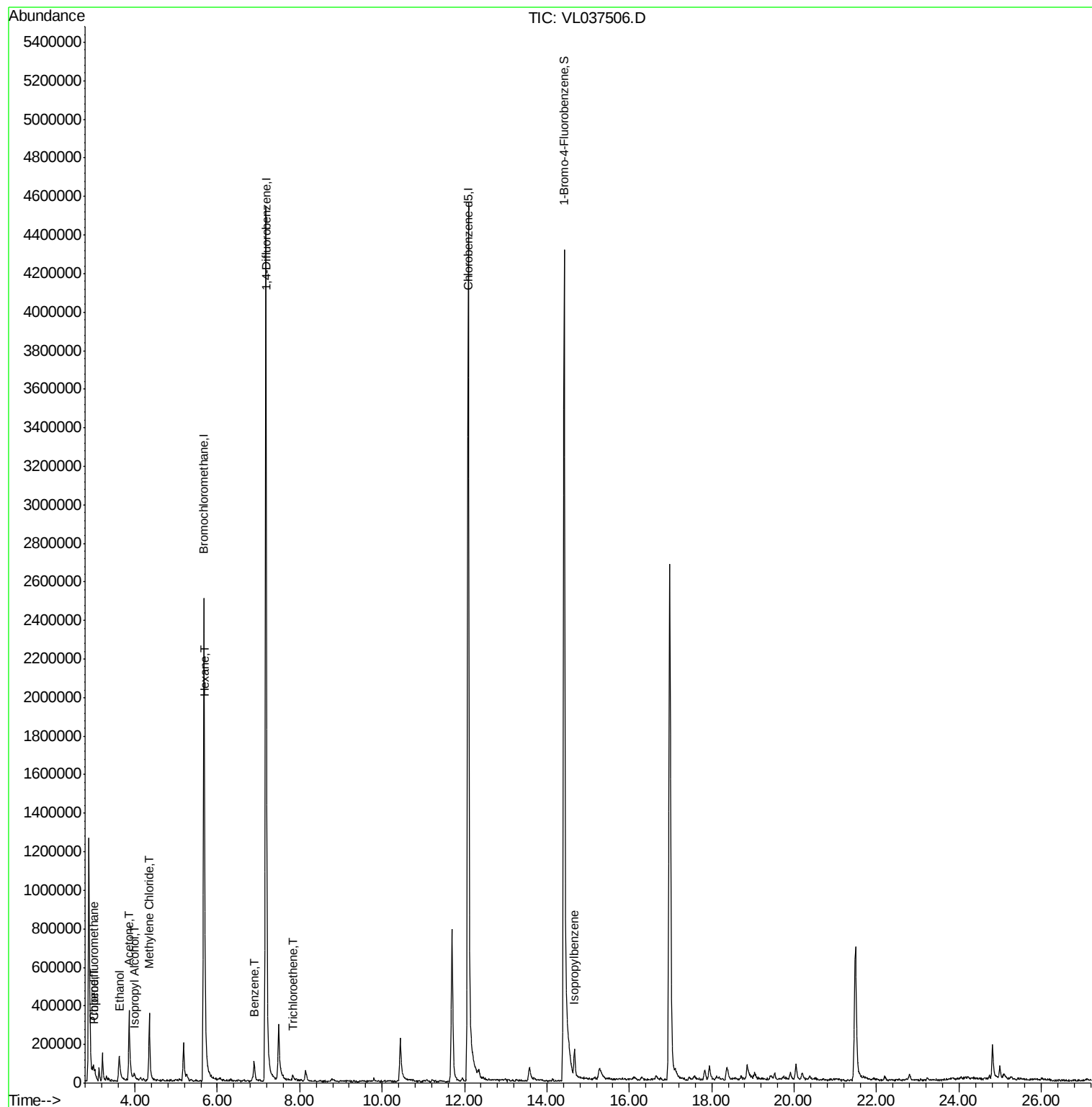
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081921\
Data File : VL037506.D
Acq On : 19 Aug 2021 19:53
Operator : SY/AP
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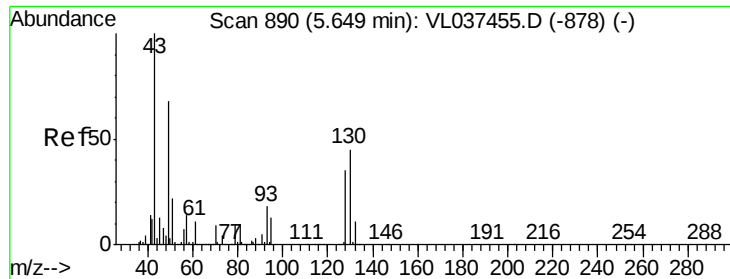
Instrument :
MSVOA_L
ClientSampleId :
SR-SG-6DL

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Quant Time: Aug 20 01:15:13 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





#1

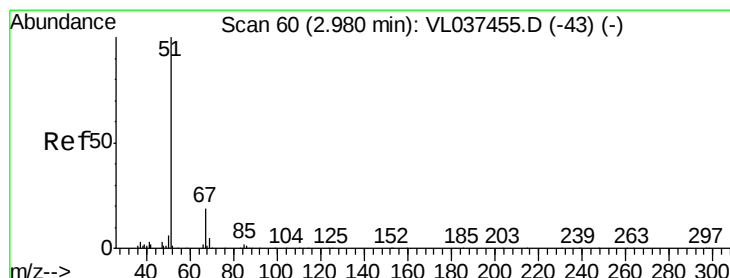
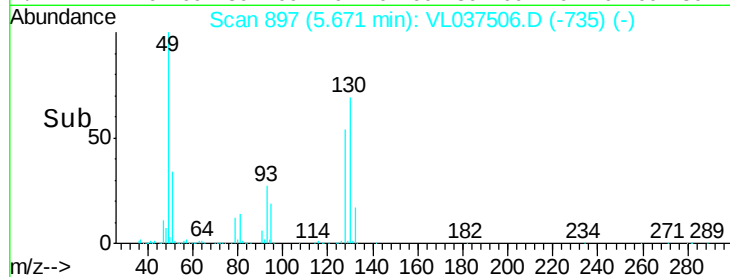
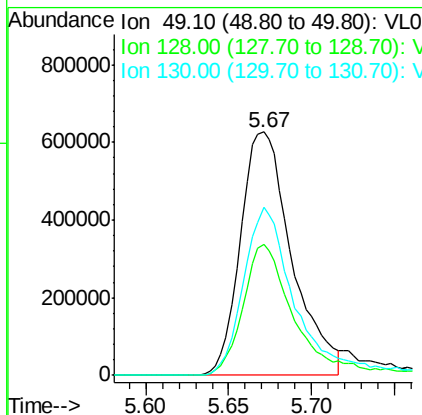
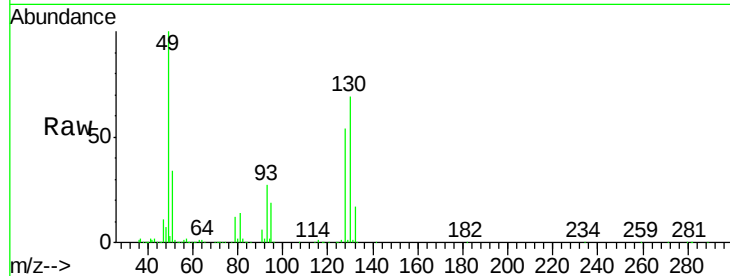
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 897
 Delta R.T. 0.02 min
 Lab File: VL037506.D
 Acq: 19 Aug 2021 19:53

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-6DL

Tot Ion: 49 Resp: 1353158
 Ion Ratio Lower Upper
 49 100
 128 55.7 27.5 82.4
 130 71.4 34.0 101.8

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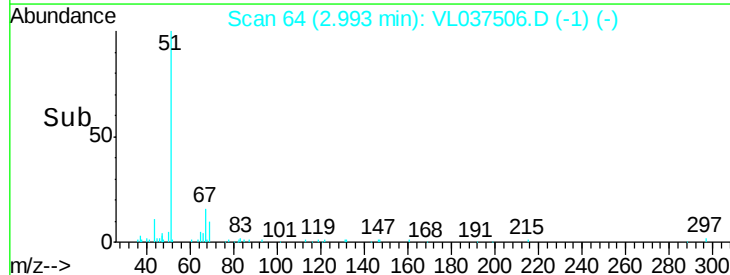
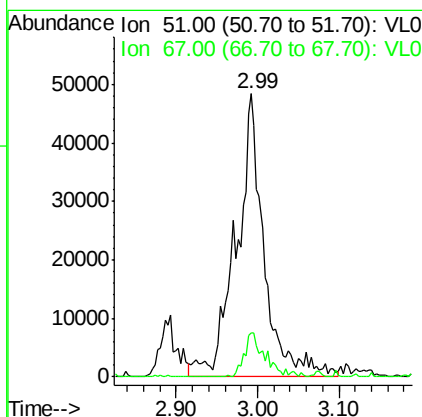
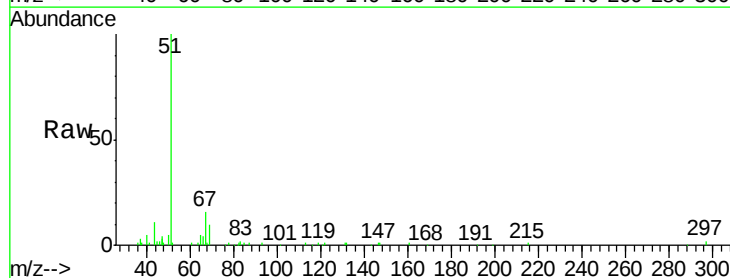
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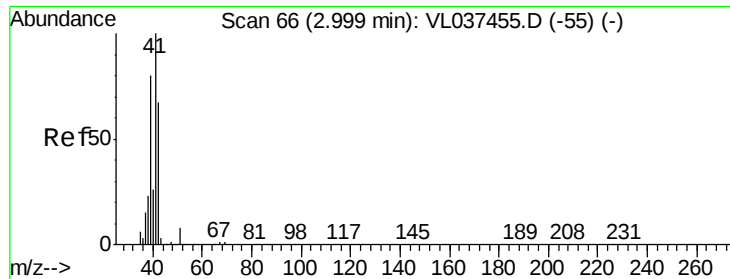


#3

Chlorodifluoromethane
 Concen: 0.444 ppbv
 RT: 2.99 min Scan# 64
 Delta R.T. 0.01 min
 Lab File: VL037506.D
 Acq: 19 Aug 2021 19:53

Tgt Ion: 51 Resp: 114955
 Ion Ratio Lower Upper
 51 100
 67 11.7 14.2 21.2#





#9

Propene

Concen: 0.231 ppbv m

RT: 3.02 min Scan# 71

Delta R.T. 0.02 min

Lab File: VL037506.D

Acq: 19 Aug 2021 19:53

Instrument :

MSVOA_L

ClientSampled :

SR-SG-6DL

Tot Ion: 41 Resp: 21454

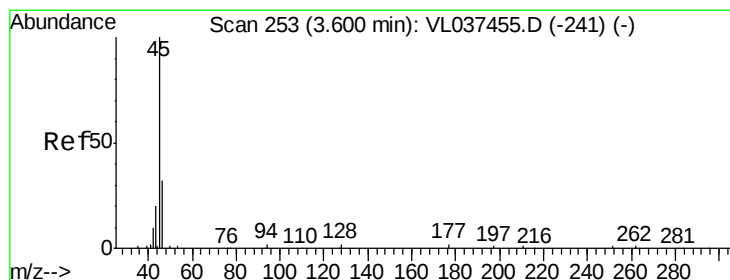
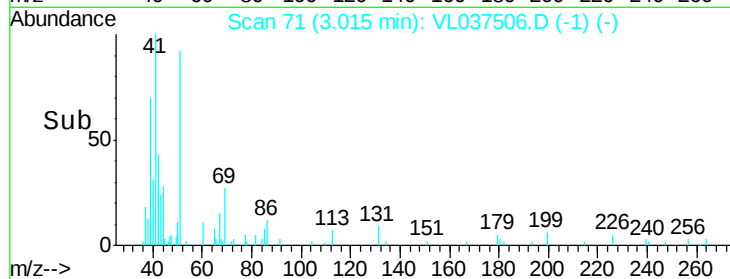
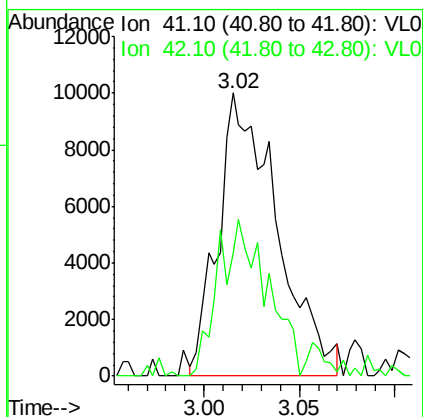
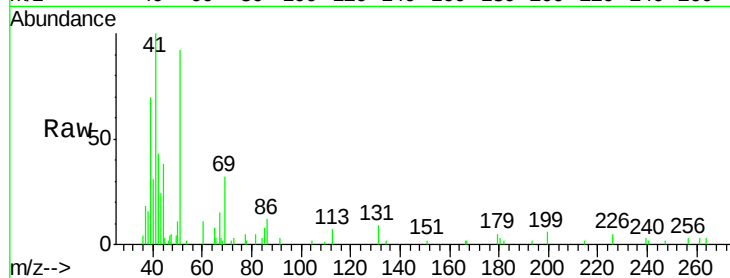
Ion Ratio Lower Upper

41 100

42 53.2 53.7 80.5#

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#13

Ethanol

Concen: 23.775 ppbv m

RT: 3.62 min Scan# 258

Delta R.T. 0.02 min

Lab File: VL037506.D

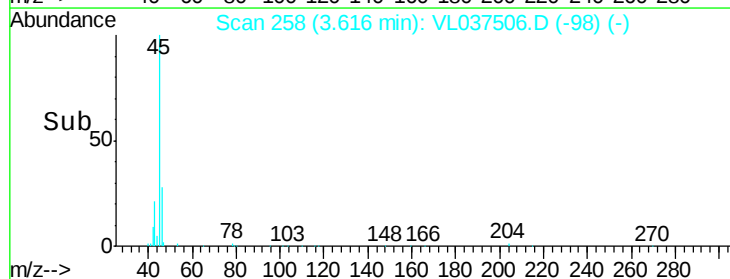
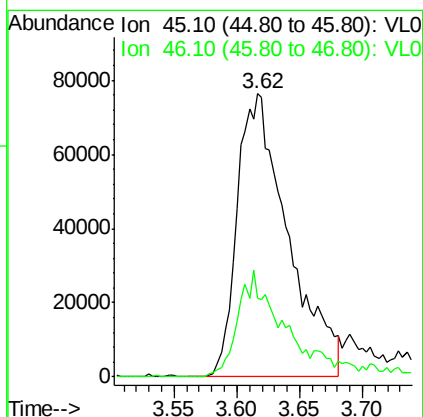
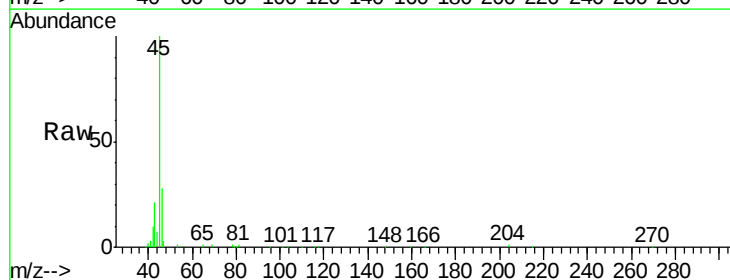
Acq: 19 Aug 2021 19:53

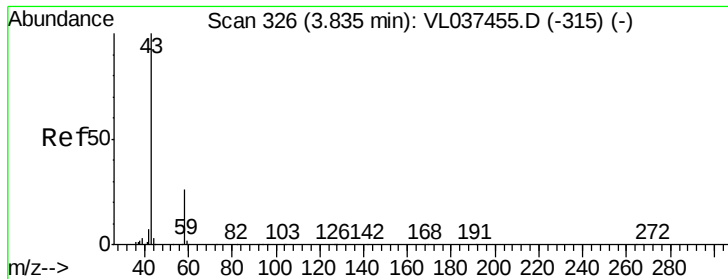
Tgt Ion: 45 Resp: 214488

Ion Ratio Lower Upper

45 100

46 37.3 14.1 56.5





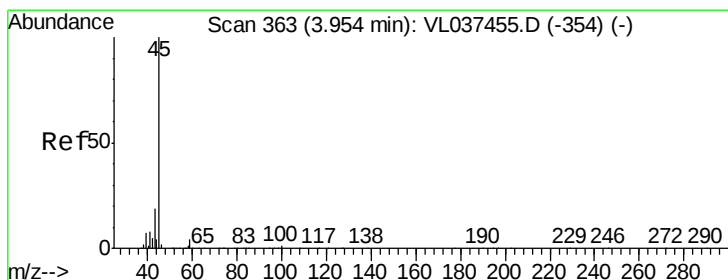
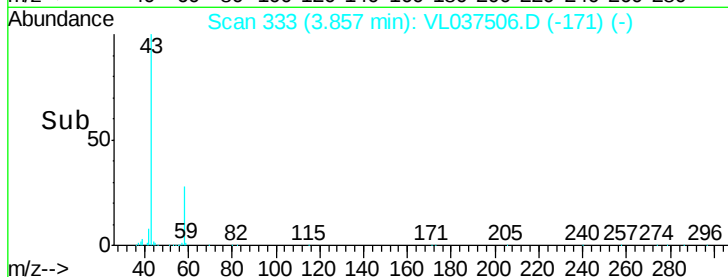
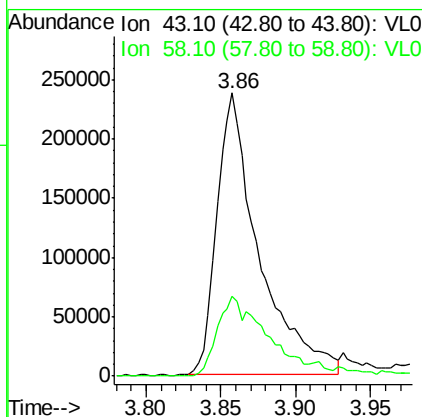
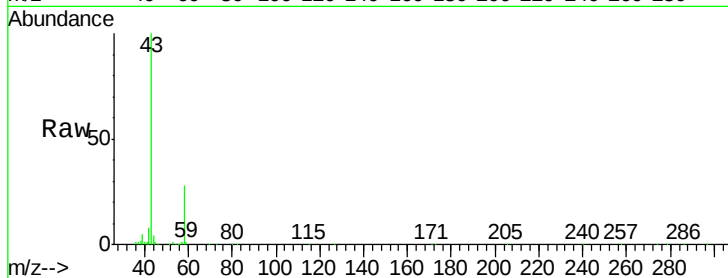
#15
Acetone
Concen: 3.375 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL037506.D
Acq: 19 Aug 2021 19:53

Instrument :
MSVOA_L
ClientSampled :
SR-SG-6DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.7	24.8	37.2#

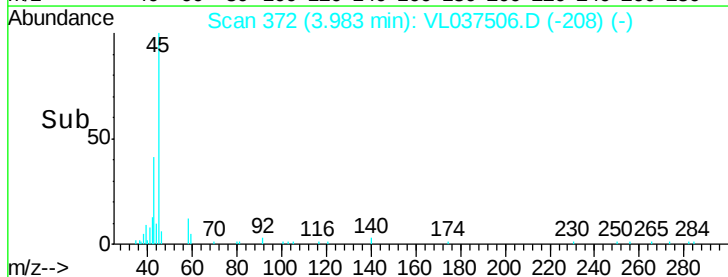
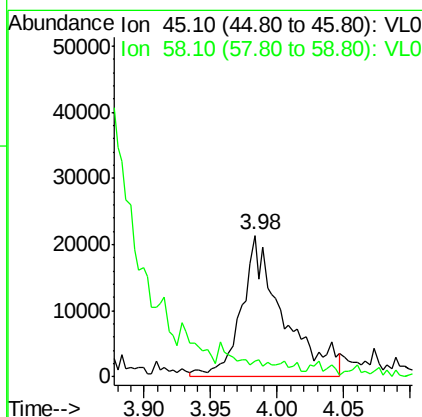
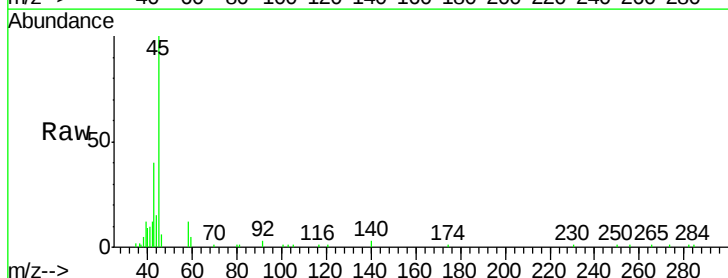
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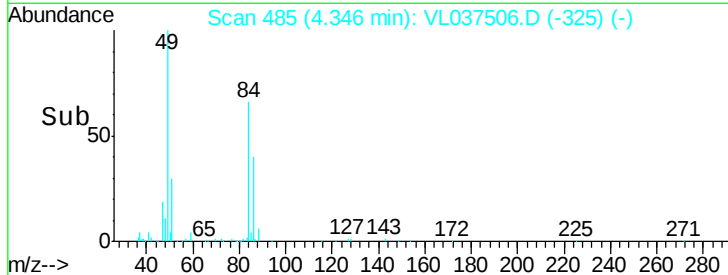
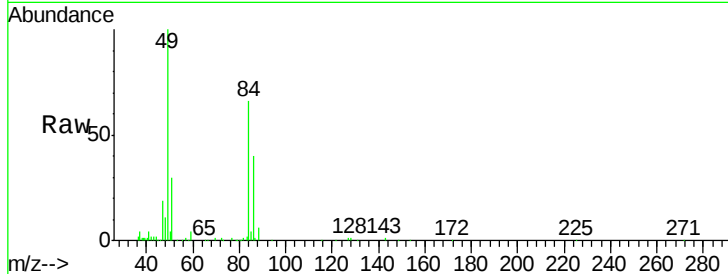
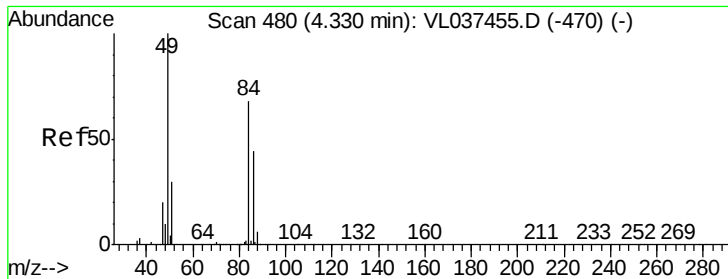
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#19
Isopropyl Alcohol
Concen: 0.589 ppbv m
RT: 3.98 min Scan# 372
Delta R.T. 0.03 min
Lab File: VL037506.D
Acq: 19 Aug 2021 19:53

Tgt Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#





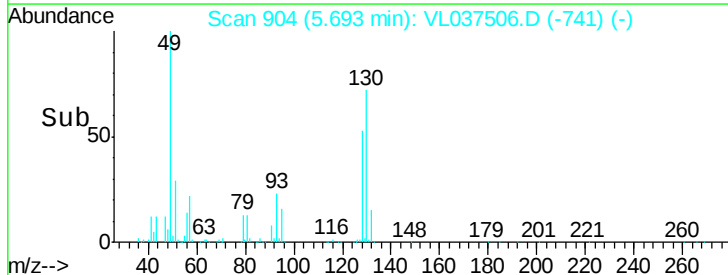
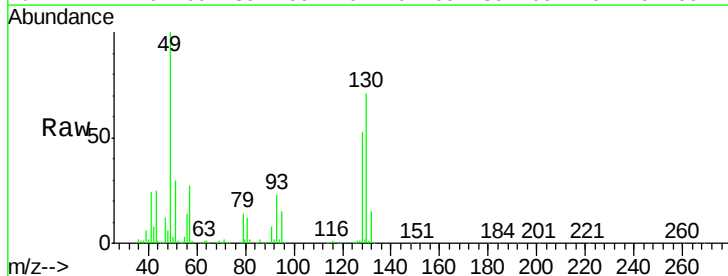
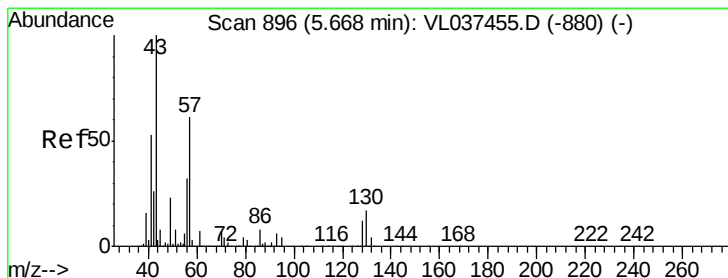
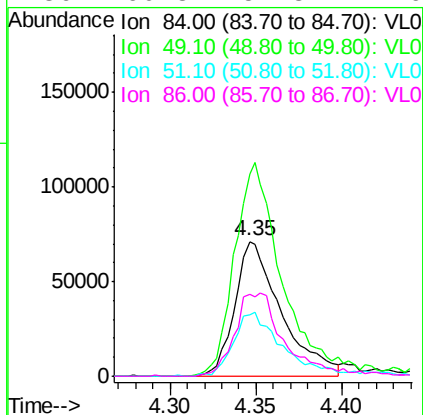
#20
Methvlene Chloride
Concen: 1.944 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.02 min
Lab File: VL037506.D
Acq: 19 Aug 2021 19:53

Tot Ion:	84	Resp:	134024
Ion	Ratio	Lower	Upper
84	100		
49	150.0	118.2	177.2
51	45.5	36.6	55.0
86	60.8	51.8	77.6

Instrument :
MSVOA_L
ClientSampleId :
SR-SG-6DL

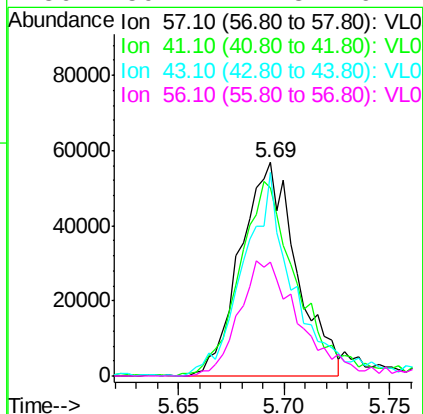
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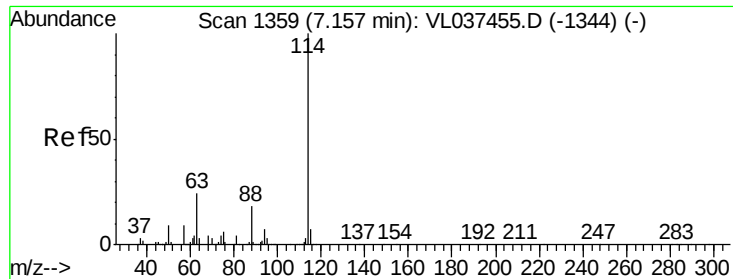
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#26
Hexane
Concen: 0.614 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.03 min
Lab File: VL037506.D
Acq: 19 Aug 2021 19:53

Tgt Ion:	57	Resp:	104911
Ion	Ratio	Lower	Upper
57	100		
41	95.3	72.3	108.5
43	87.3	172.3	258.5#
56	59.7	42.8	64.2





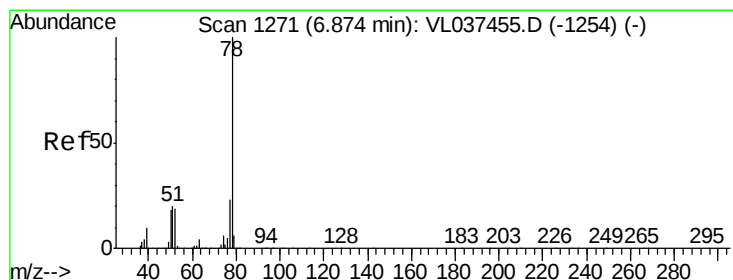
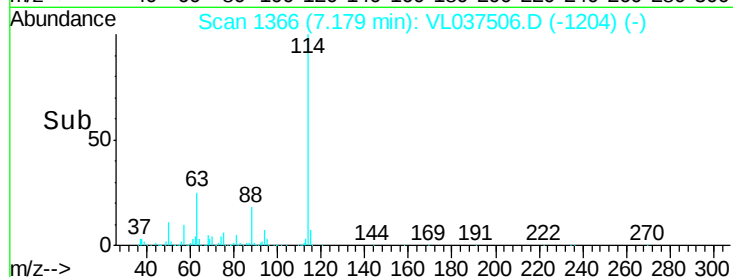
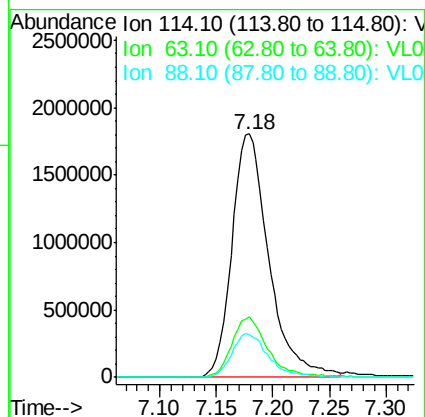
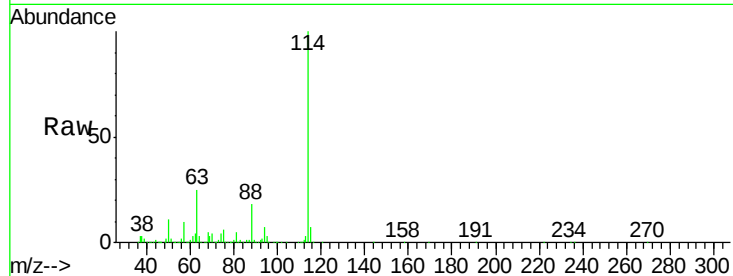
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.02 min
 Lab File: VL037506.D
 Acq: 19 Aug 2021 19:53

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-6DL

Tot Ion:	114	Resp:	4108419
Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.3	28.9
88	18.2	14.2	21.4

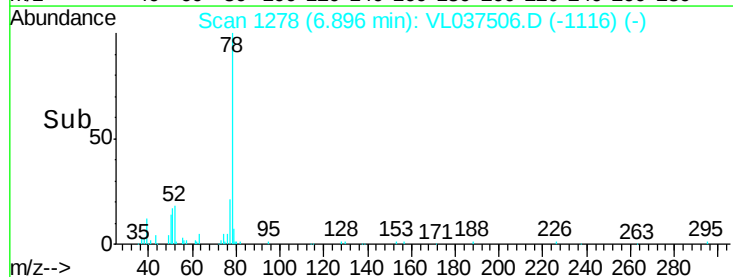
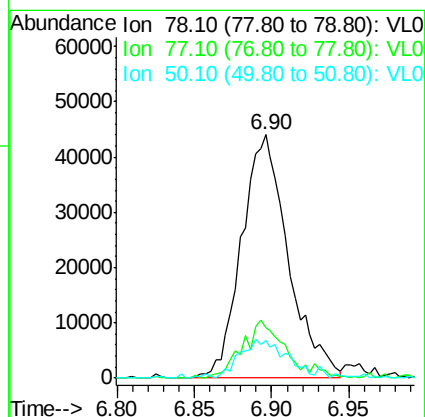
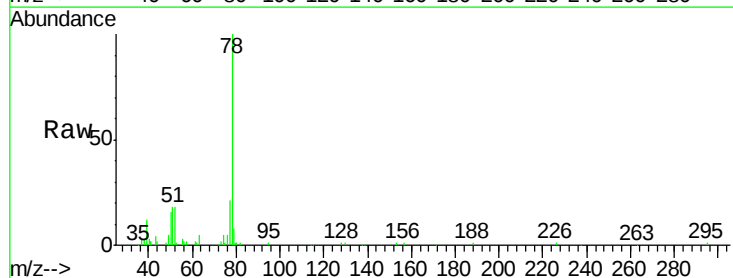
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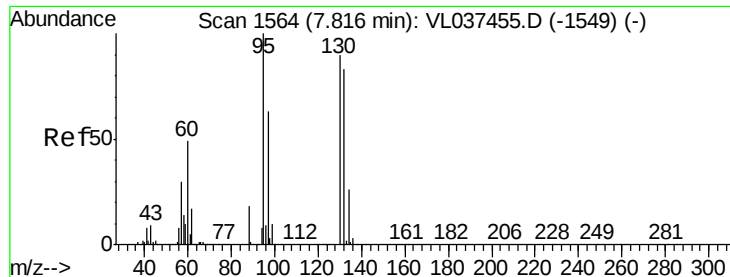
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#36
 Benzene
 Concen: 0.268 ppbv
 RT: 6.90 min Scan# 1278
 Delta R.T. 0.02 min
 Lab File: VL037506.D
 Acq: 19 Aug 2021 19:53

Tgt Ion:	78	Resp:	92537
Ion	Ratio	Lower	Upper
78	100		
77	20.7	18.2	27.4
50	15.6	14.6	21.8





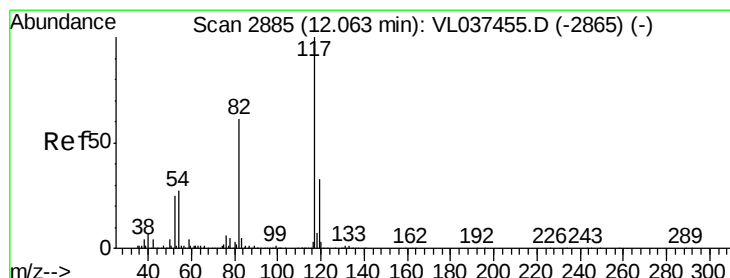
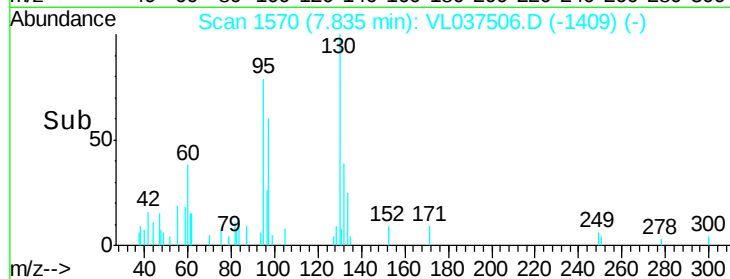
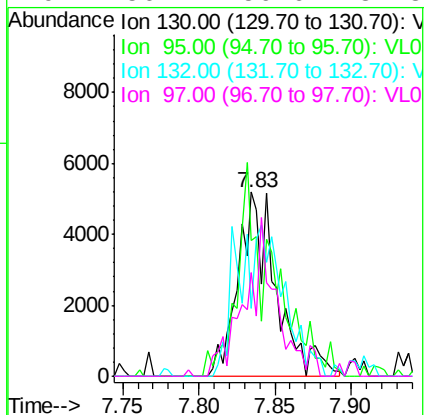
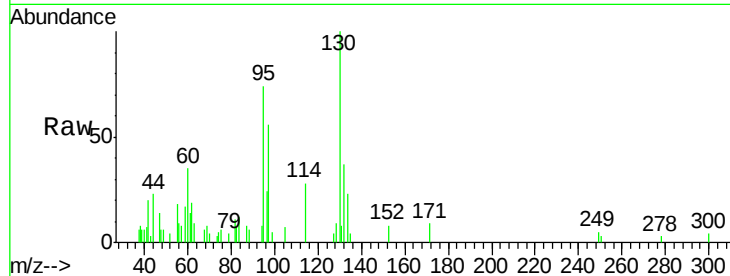
#38
 Trichloroethene
 Concen: 0.064 ppbv m
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: VL037506.D
 Acq: 19 Aug 2021 19:53

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-6DL

Tot Ion	Ratio	Lower	Upper
130	100		
95	73.9	89.2	133.8#
132	36.8	74.0	111.0#
97	56.1	56.6	84.8#

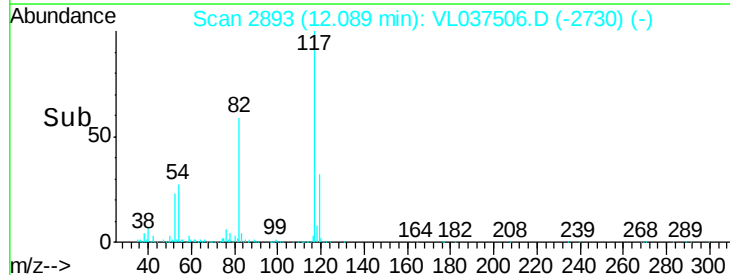
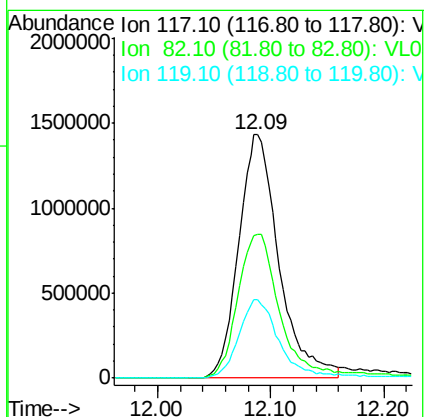
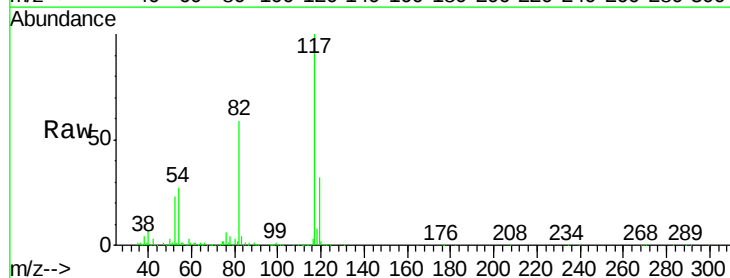
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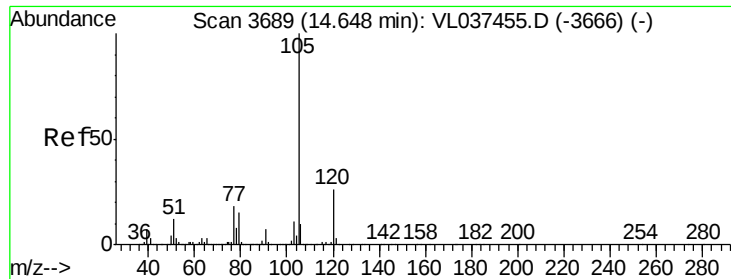
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. 0.03 min
 Lab File: VL037506.D
 Acq: 19 Aug 2021 19:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.7	52.9	79.3
119	33.0	24.8	37.2





#62

Isopropylbenzene

Concen: 0.244 ppbv m

RT: 14.67 min Scan# 3697

Delta R.T. 0.03 min

Lab File: VL037506.D

Acq: 19 Aug 2021 19:53

Instrument :

MSVOA_L

ClientSampleId :

SR-SG-6DL

Tot Ion: 105 Resp: 136903

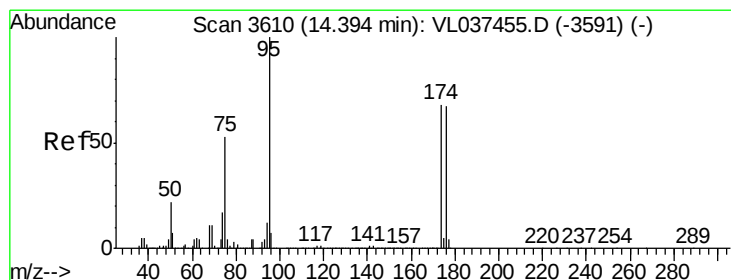
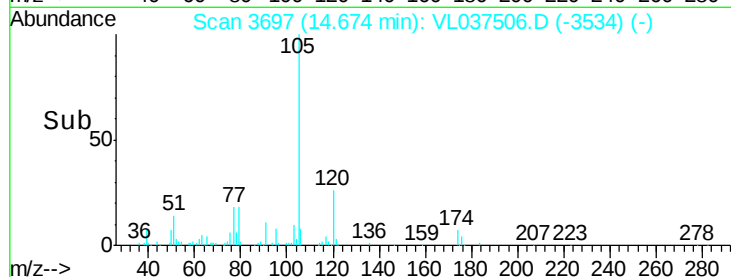
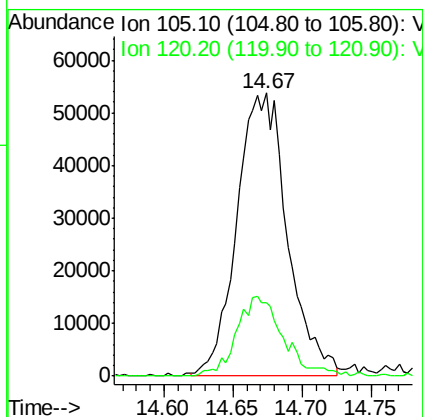
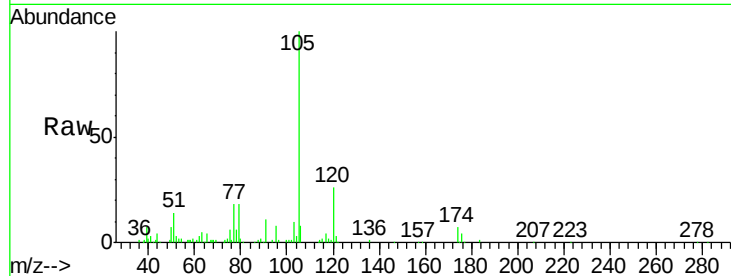
Ion Ratio Lower Upper

105 100

120 0.0 21.5 32.3#

Manual Integrations
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#68

1-Bromo-4-Fluorobenzene

Concen: 9.334 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.03 min

Lab File: VL037506.D

Acq: 19 Aug 2021 19:53

Tgt Ion: 95 Resp: 2350124

Ion Ratio Lower Upper

95 100

174 82.6 59.6 89.4

175 5.9 4.6 7.0

