

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037504.D
 Acq On : 19 Aug 2021 18:34
 Operator : SY/AP
 Sample : M3480-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-7DL

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Quant Time: Aug 20 01:09:22 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	1411547	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4181644	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3468330	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2451321	9.95	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.00	51	88552m	0.328	ppbv	
9) Propene	3.02	41	18084m	0.187	ppbv	
13) Ethanol	3.62	45	284935m	30.278	ppbv	
15) Acetone	3.86	43	227198m	1.582	ppbv	
19) Isopropyl Alcohol	3.99	45	73535m	0.893	ppbv	
20) Methylene Chloride	4.35	84	439336	6.108	ppbv	95
26) Hexane	5.69	57	377101	2.115	ppbv #	46
34) 2-Butanone	5.26	43	42223m	0.247	ppbv	
36) Benzene	6.90	78	253956	0.722	ppbv #	88
38) Trichloroethene	7.83	130	12131m	0.084	ppbv	
62) Isopropylbenzene	14.67	105	68606m	0.125	ppbv	

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

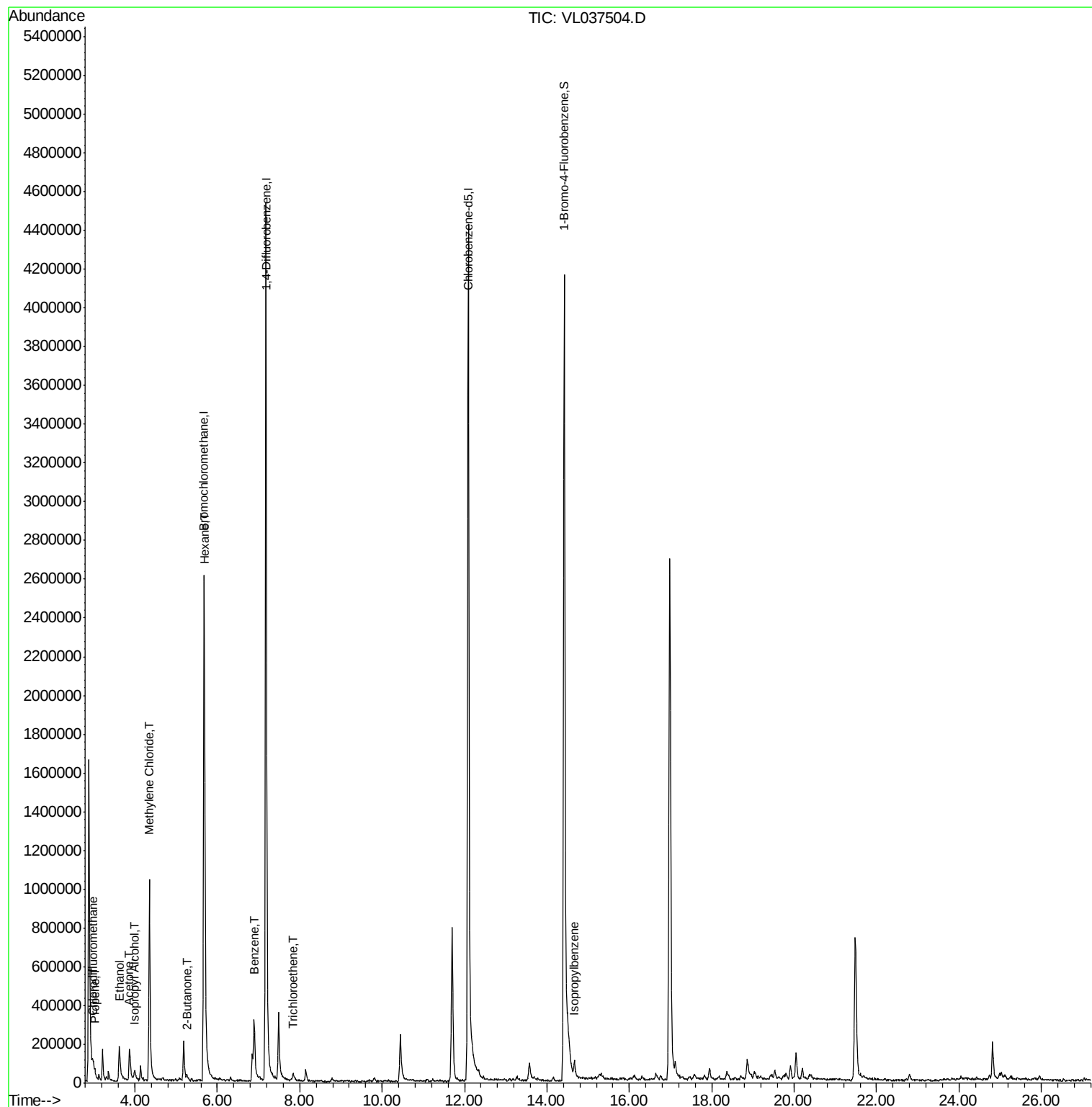
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081921\
Data File : VL037504.D
Acq On : 19 Aug 2021 18:34
Operator : SY/AP
Sample : M3480-03DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

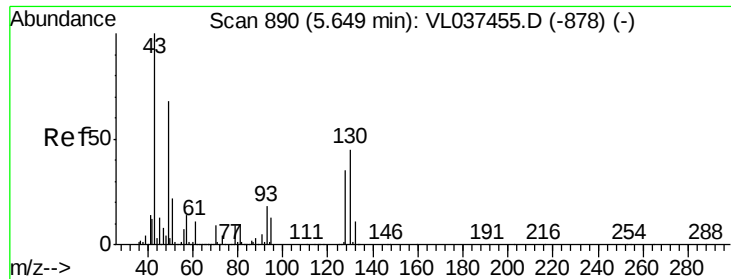
Instrument :
MSVOA_L
ClientSampleId :
SR-SG-7DL

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Quant Time: Aug 20 01:09:22 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

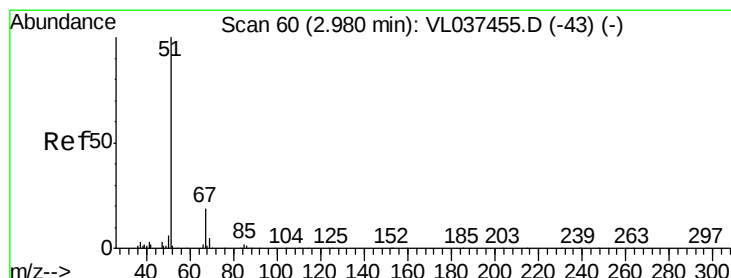
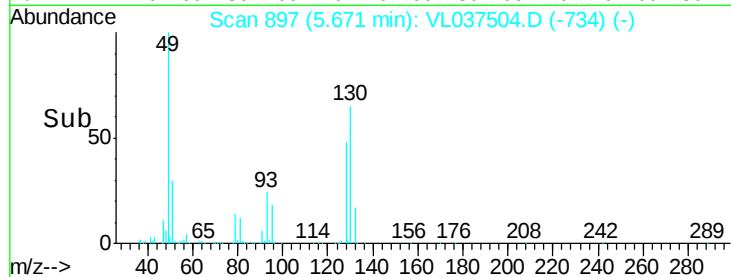
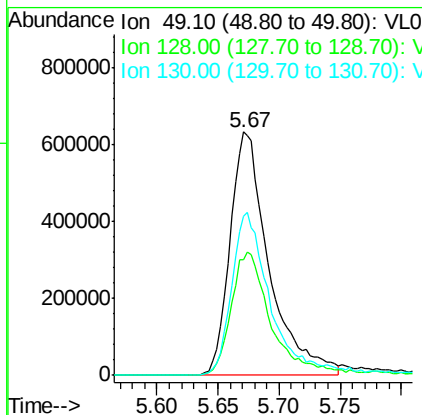
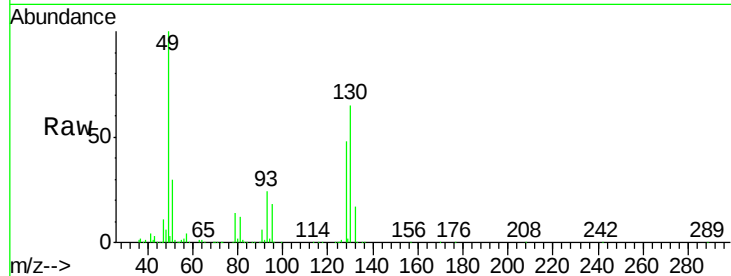
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 897
 Delta R.T. 0.02 min
 Lab File: VL037504.D
 Acq: 19 Aug 2021 18:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-7DL

Tot Ion: 49 Resp: 1411547
 Ion Ratio Lower Upper
 49 100
 128 53.6 27.5 82.4
 130 69.5 34.0 101.8

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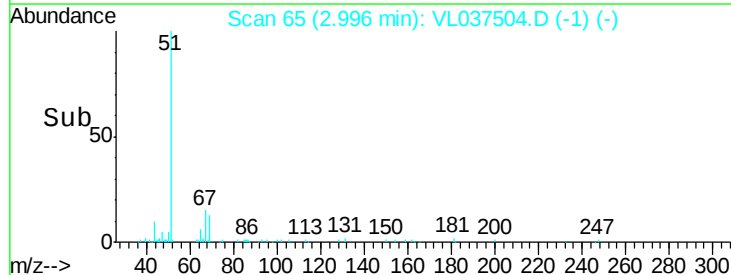
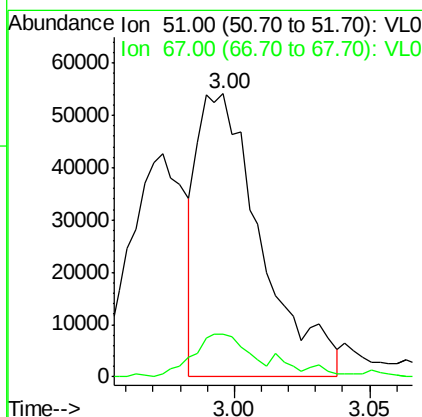
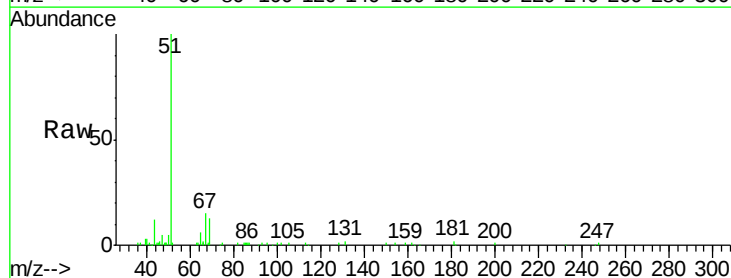
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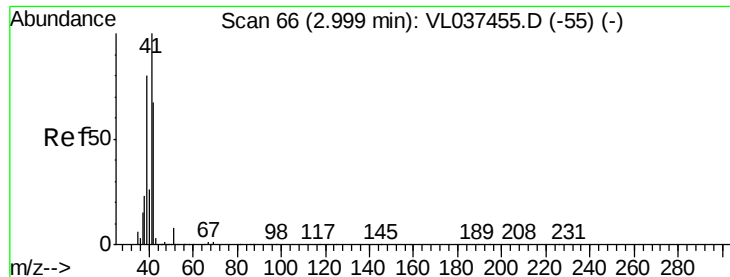


#3

Chlorodifluoromethane
 Concen: 0.328 ppbv m
 RT: 3.00 min Scan# 65
 Delta R.T. 0.02 min
 Lab File: VL037504.D
 Acq: 19 Aug 2021 18:34

Tgt Ion: 51 Resp: 88552
 Ion Ratio Lower Upper
 51 100
 67 18.0 14.2 21.2





#9

Propene

Concen: 0.187 ppbv m

RT: 3.02 min Scan# 74

Delta R.T. 0.03 min

Lab File: VL037504.D

Acq: 19 Aug 2021 18:34

Instrument :

MSVOA_L

ClientSampleId :

SR-SG-7DL

Tot Ion: 41 Resp: 18084

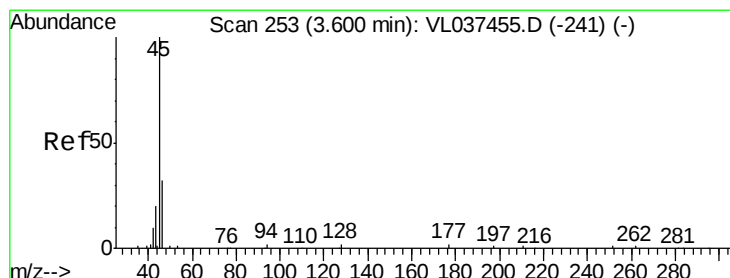
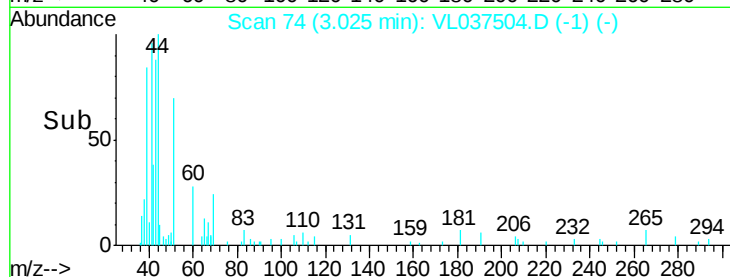
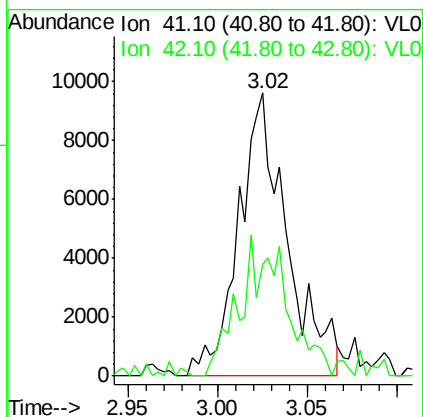
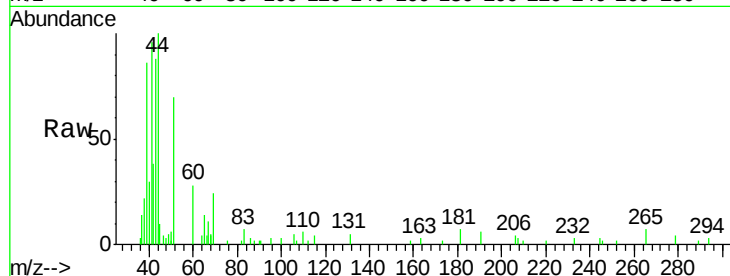
Ion Ratio Lower Upper

41 100

42 52.6 53.7 80.5#

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#13

Ethanol

Concen: 30.278 ppbv m

RT: 3.62 min Scan# 259

Delta R.T. 0.02 min

Lab File: VL037504.D

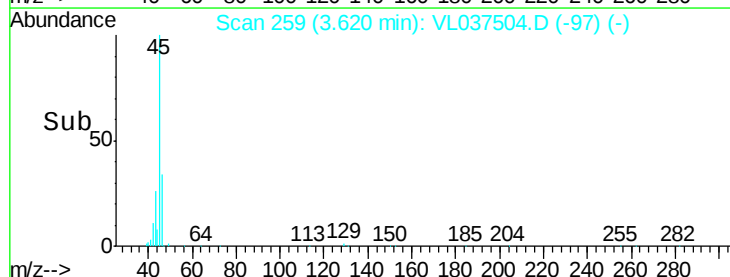
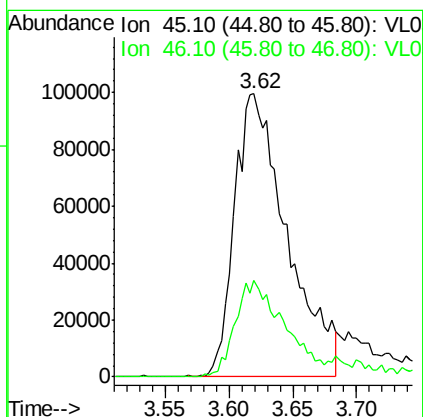
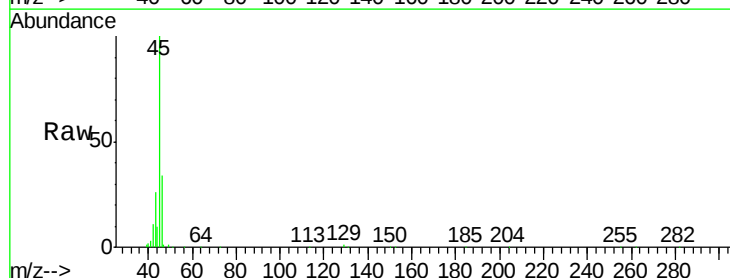
Acq: 19 Aug 2021 18:34

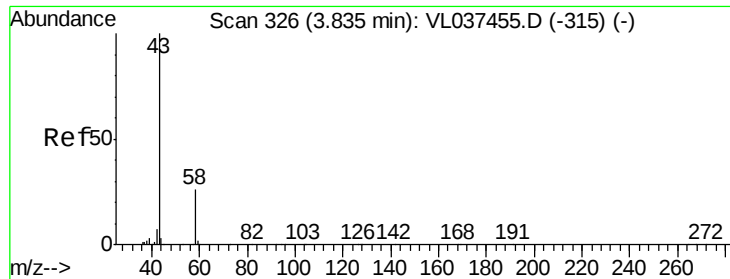
Tgt Ion: 45 Resp: 284935

Ion Ratio Lower Upper

45 100

46 33.7 14.1 56.5





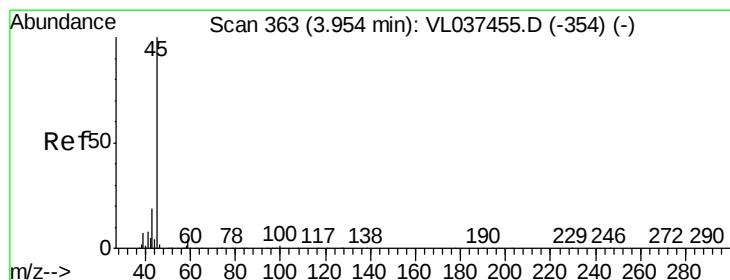
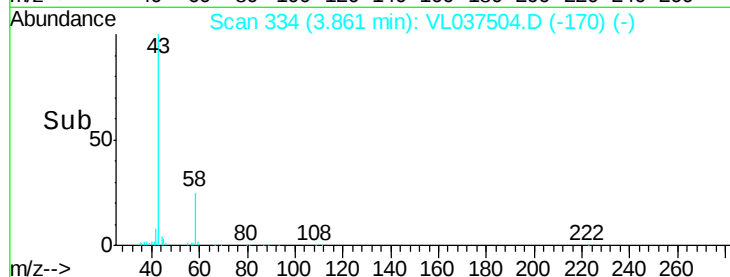
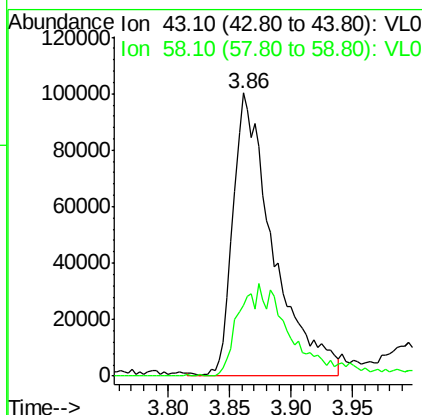
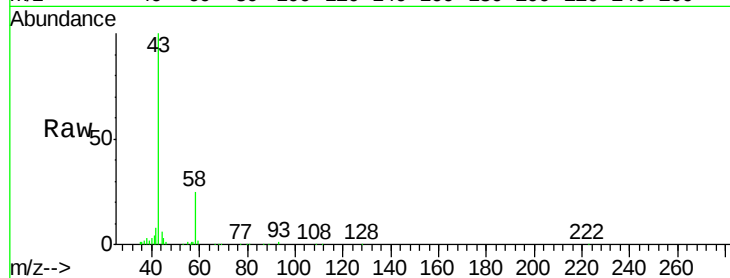
#15
Acetone
Concen: 1.582 ppbv m
RT: 3.86 min Scan# 334
Delta R.T. 0.03 min
Lab File: VL037504.D
Acq: 19 Aug 2021 18:34

Instrument :
MSVOA_L
ClientSampleId :
SR-SG-7DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

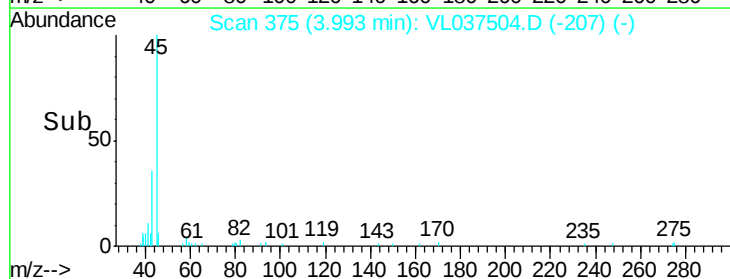
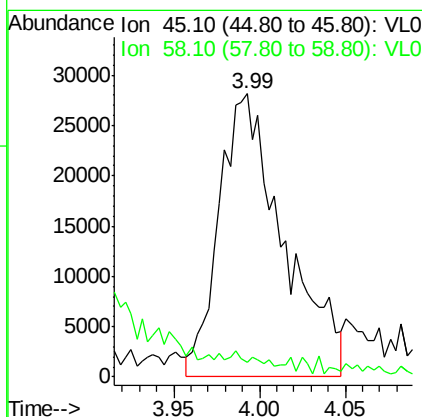
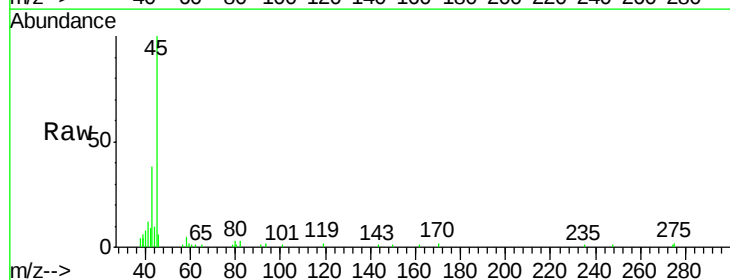
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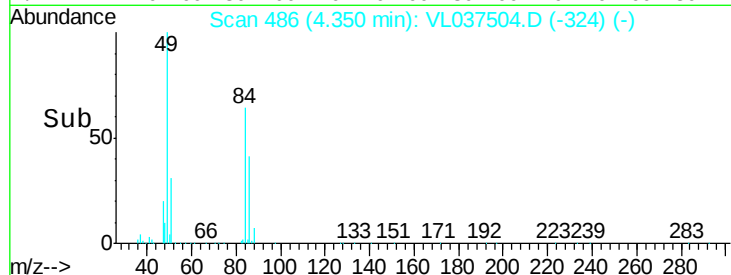
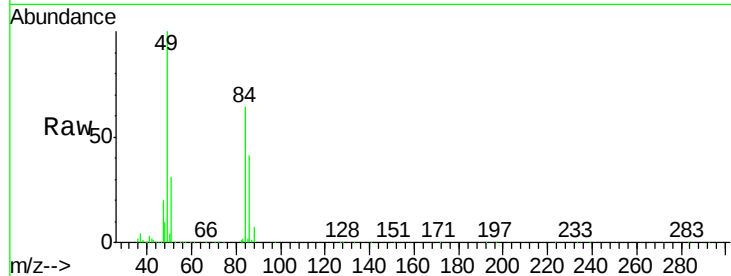
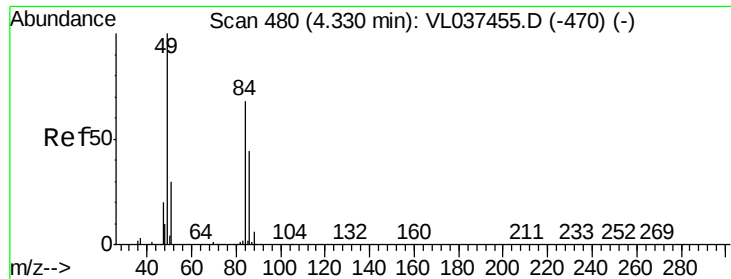
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#19
Isopropyl Alcohol
Concen: 0.893 ppbv m
RT: 3.99 min Scan# 375
Delta R.T. 0.04 min
Lab File: VL037504.D
Acq: 19 Aug 2021 18:34

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





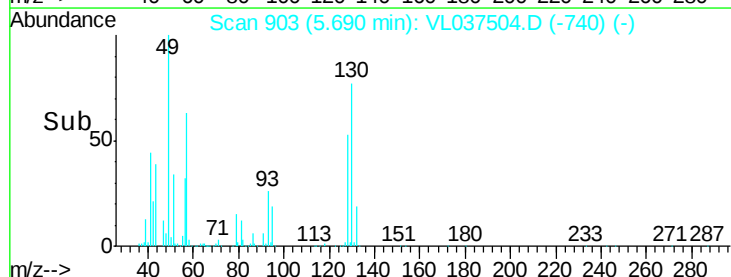
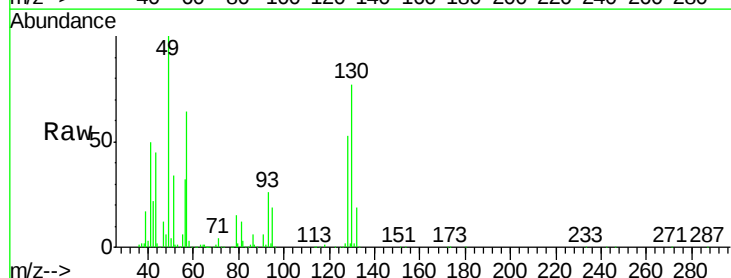
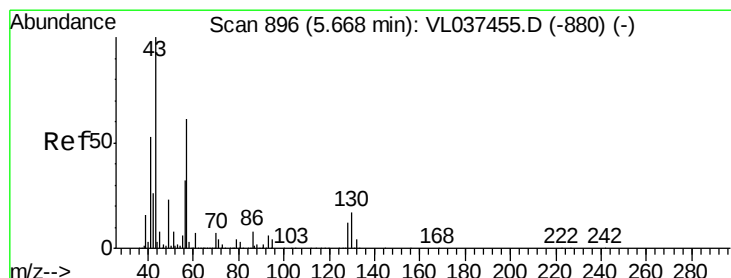
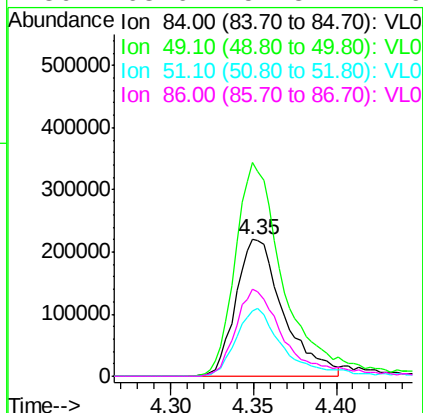
#20
Methvlene Chloride
Concen: 6.108 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.02 min
Lab File: VL037504.D
Acq: 19 Aug 2021 18:34

Tot Ion	84	Resp	439336
Ion Ratio	Lower	Upper	
84	100		
49	156.0	118.2	177.2
51	48.0	36.6	55.0
86	63.6	51.8	77.6

Instrument :
MSVOA_L
ClientSampleId :
SR-SG-7DL

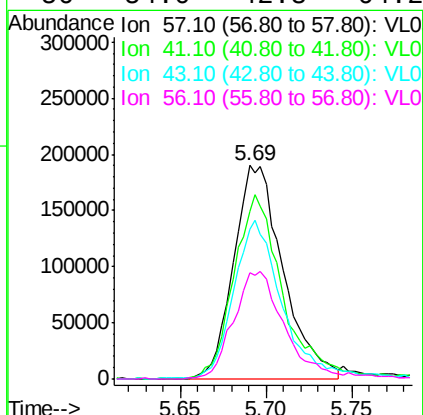
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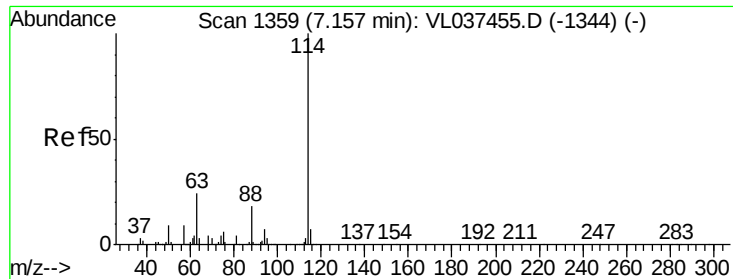
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#26
Hexane
Concen: 2.115 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL037504.D
Acq: 19 Aug 2021 18:34

Tgt Ion	57	Resp	377101
Ion Ratio	Lower	Upper	
57	100		
41	87.8	72.3	108.5
43	74.7	172.3	258.5#
56	54.0	42.8	64.2





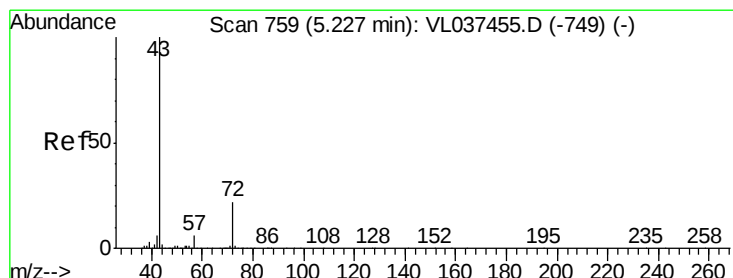
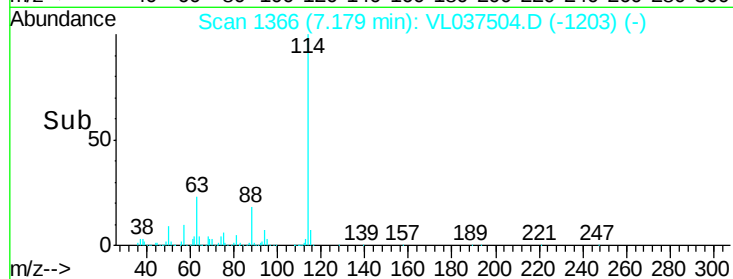
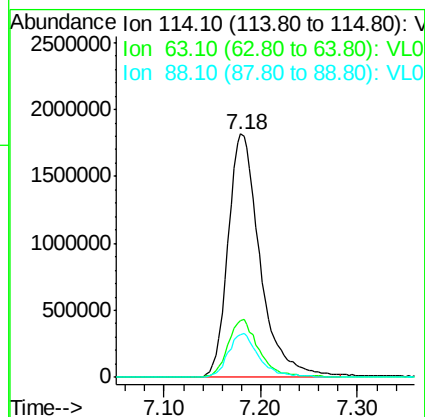
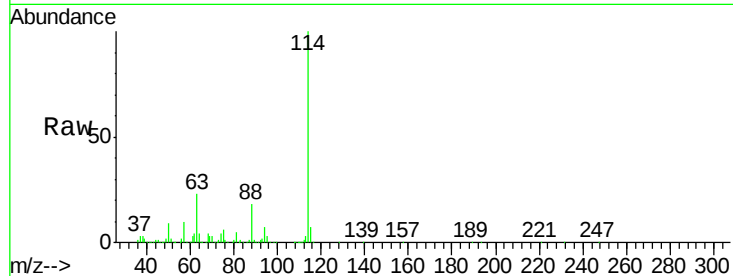
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.02 min
 Lab File: VL037504.D
 Acq: 19 Aug 2021 18:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-7DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.6	19.3	28.9
88	17.8	14.2	21.4

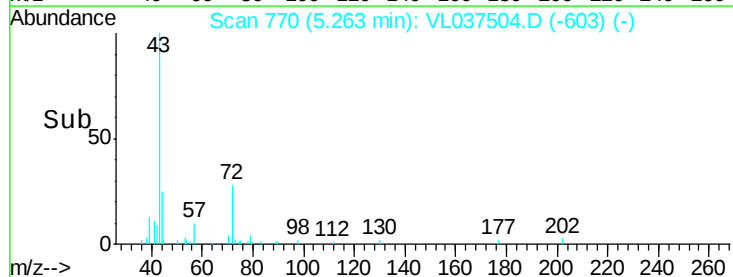
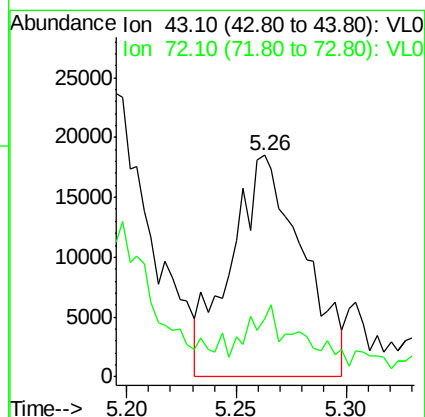
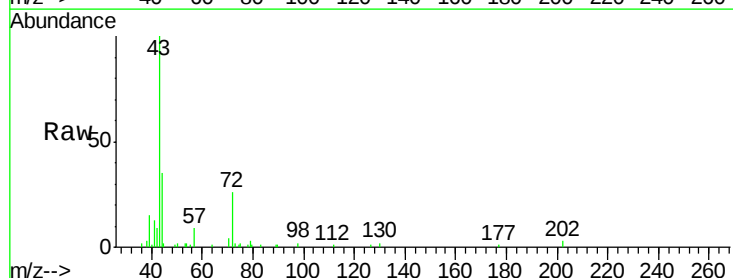
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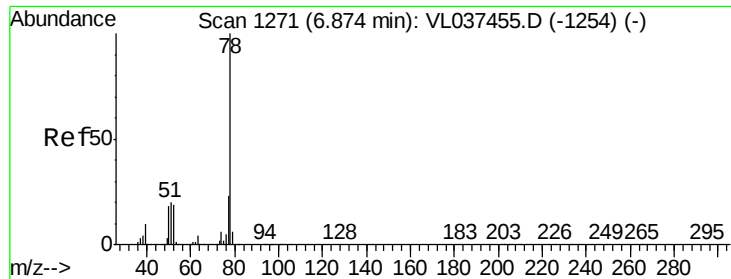
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#34
 2-Butanone
 Concen: 0.247 ppbv m
 RT: 5.26 min Scan# 770
 Delta R.T. 0.04 min
 Lab File: VL037504.D
 Acq: 19 Aug 2021 18:34

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.4	26.0#





#36

Benzene

Concen: 0.722 ppbv

RT: 6.90 min Scan# 1278

Delta R.T. 0.02 min

Lab File: VL037504.D

Acq: 19 Aug 2021 18:34

Instrument :

MSVOA_L

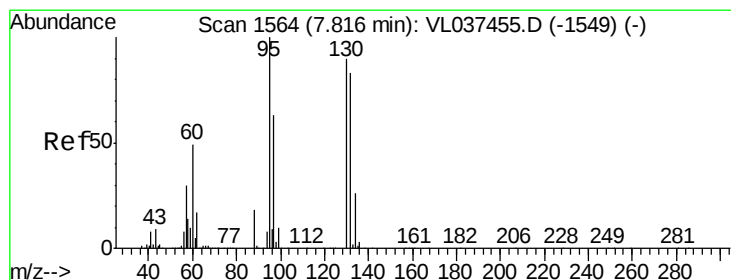
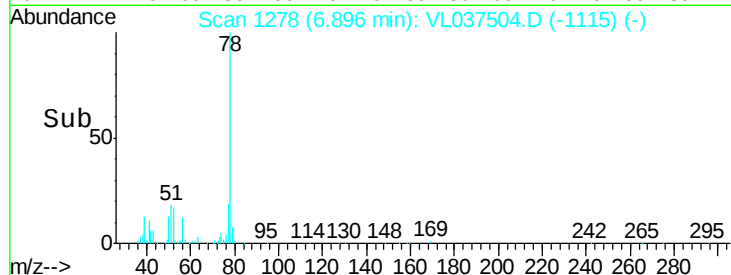
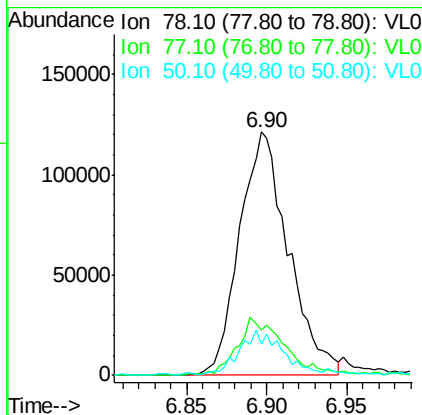
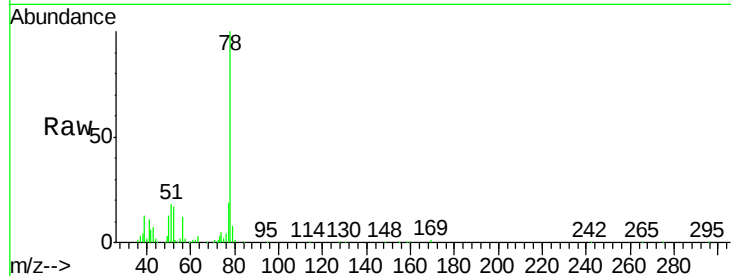
ClientSampleId :

SR-SG-7DL

Tot Ion	Ratio	Lower	Upper
78	100		
77	18.2	18.2	27.4#
50	11.5	14.6	21.8#

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#38

Trichloroethene

Concen: 0.084 ppbv m

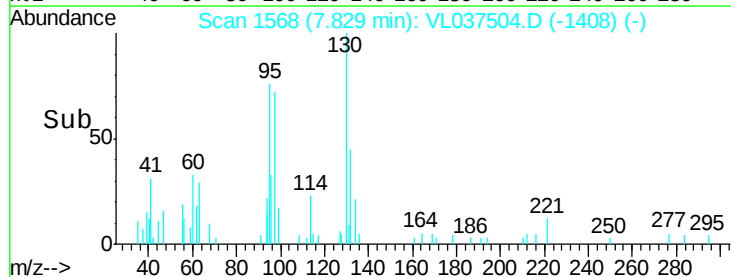
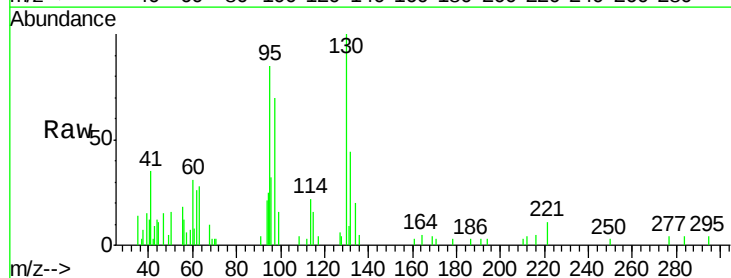
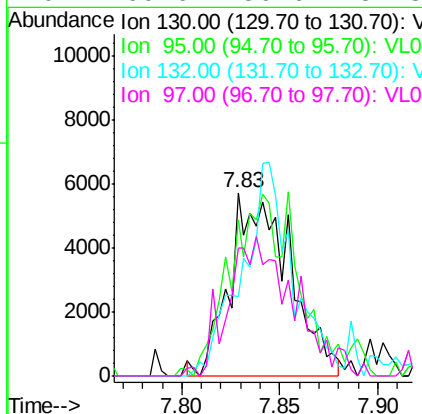
RT: 7.83 min Scan# 1568

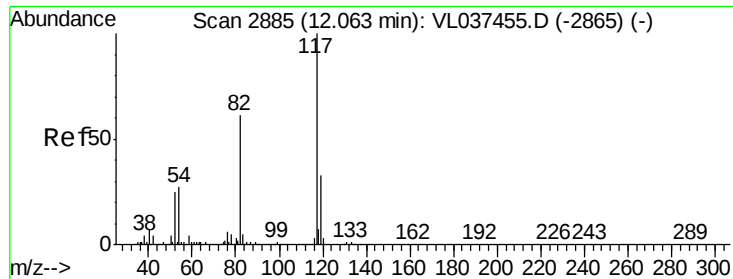
Delta R.T. 0.01 min

Lab File: VL037504.D

Acq: 19 Aug 2021 18:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.2	89.2	133.8#
132	43.5	74.0	111.0#
97	69.6	56.6	84.8





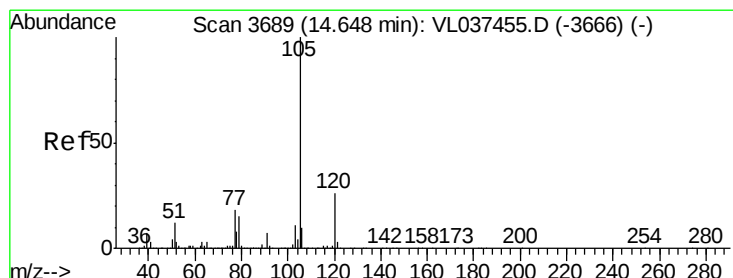
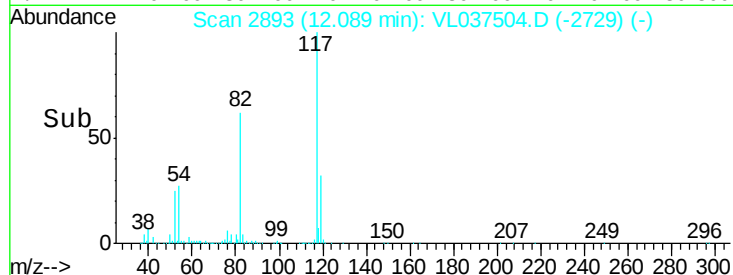
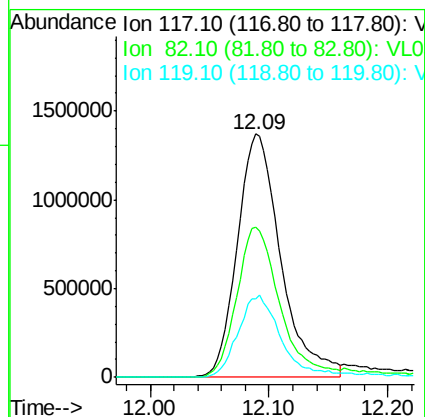
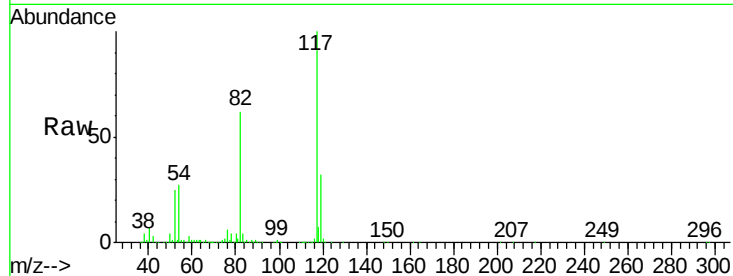
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.03 min
Lab File: VL037504.D
Acq: 19 Aug 2021 18:34

Instrument :
MSVOA_L
ClientSampleId :
SR-SG-7DL

Tot Ion:117 Resp: 3468330
Ion Ratio Lower Upper
117 100
82 67.6 52.9 79.3
119 35.8 24.8 37.2

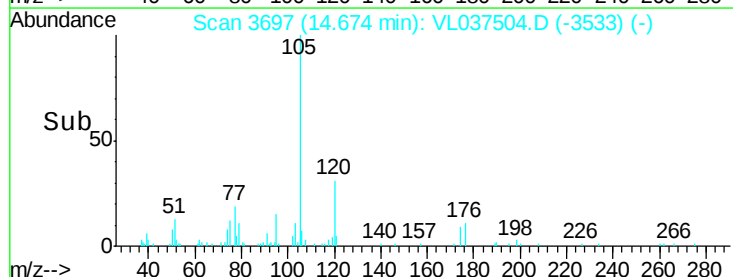
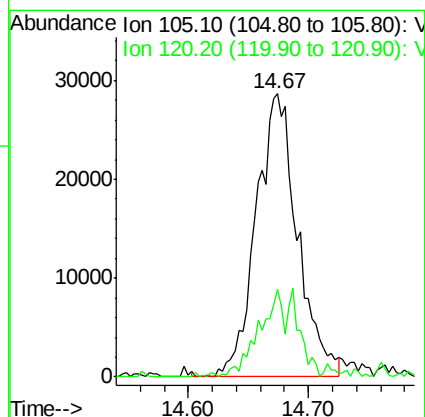
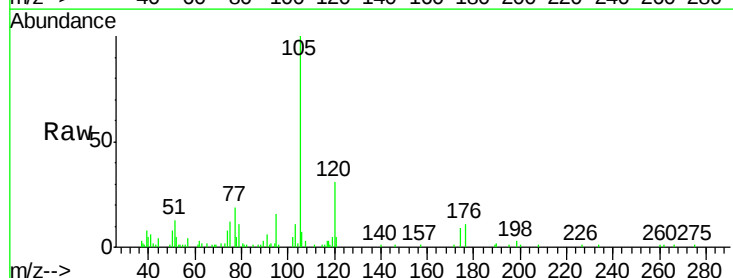
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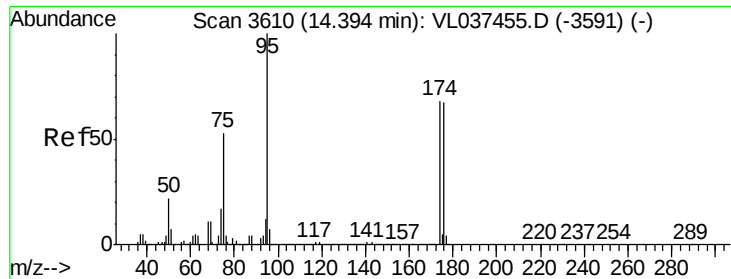
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#62
Isopropylbenzene
Concen: 0.125 ppbv m
RT: 14.67 min Scan# 3697
Delta R.T. 0.03 min
Lab File: VL037504.D
Acq: 19 Aug 2021 18:34

Tgt Ion:105 Resp: 68606
Ion Ratio Lower Upper
105 100
120 27.8 21.5 32.3





#68

1-Bromo-4-Fluorobenzene

Concen: 9.948 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.02 min

Lab File: VL037504.D

Acq: 19 Aug 2021 18:34

Instrument :

MSVOA_L

ClientSampleId :

SR-SG-7DL

Tot Ion: 95 Resp: 2451321

Ion Ratio Lower Upper

95 100

174 78.1 59.6 89.4

175 5.9 4.6 7.0

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