

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081921\
 Data File : VL037512.D
 Acq On : 19 Aug 2021 23:48
 Operator : SY/AP
 Sample : M3480-07DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-4DL

Manual Integrations
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 8/20/2021 6:31:44 PM

Quant Time: Aug 20 01:37:33 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	1314997	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3993629	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3334918	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2319311	9.79	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	204030m	0.810	ppbv	
9) Propene	3.03	41	21373m	0.237	ppbv	
13) Ethanol	3.60	45	1148282	130.977	ppbv	91
15) Acetone	3.86	43	456421	3.410	ppbv	92
19) Isopropyl Alcohol	3.97	45	451566	5.890	ppbv #	95
20) Methylene Chloride	4.35	84	73248	1.093	ppbv	90
26) Hexane	5.70	57	59189m	0.356	ppbv	
34) 2-Butanone	5.26	43	31885	0.196	ppbv	94

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

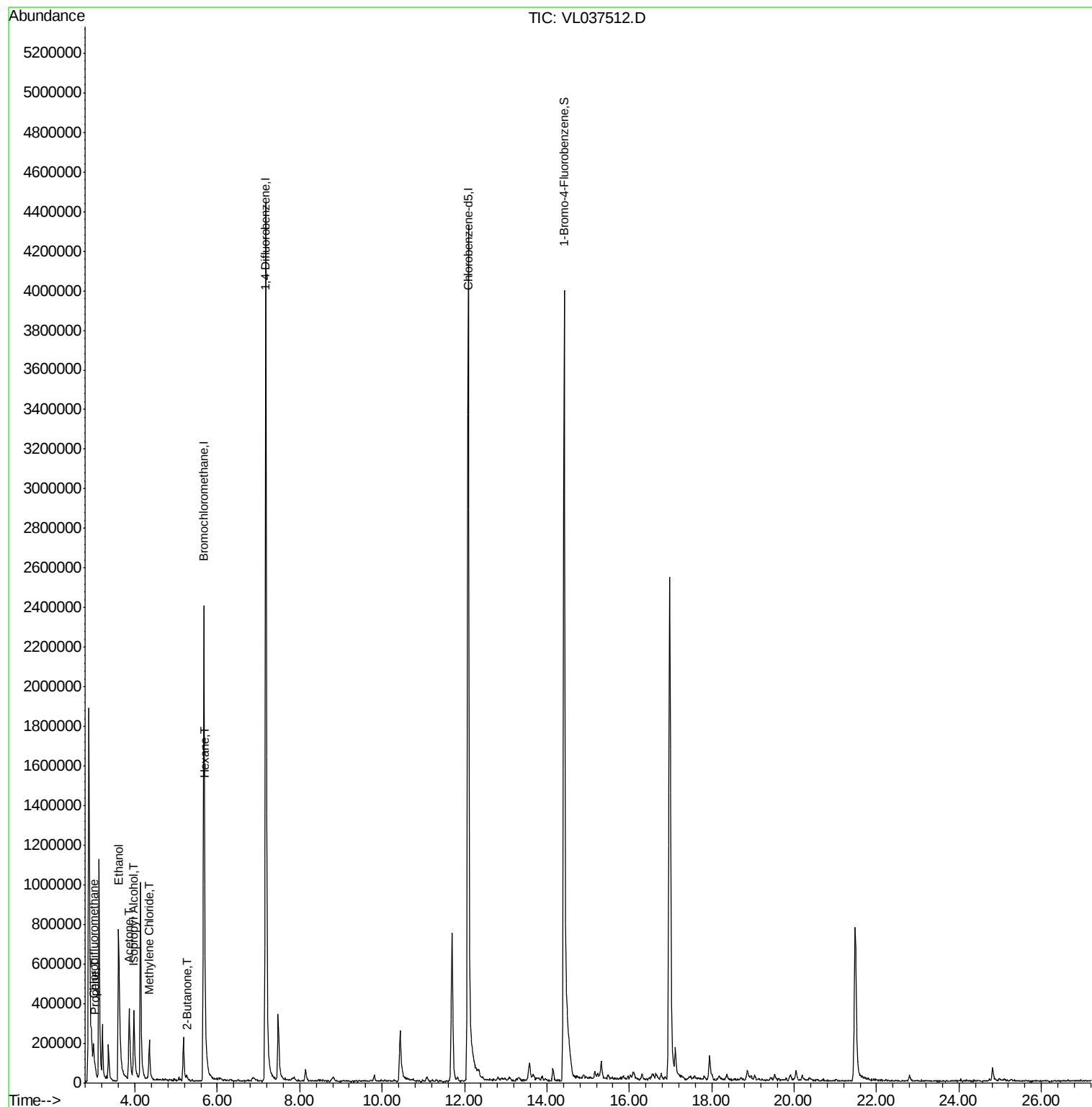
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081921\
Data File : VL037512.D
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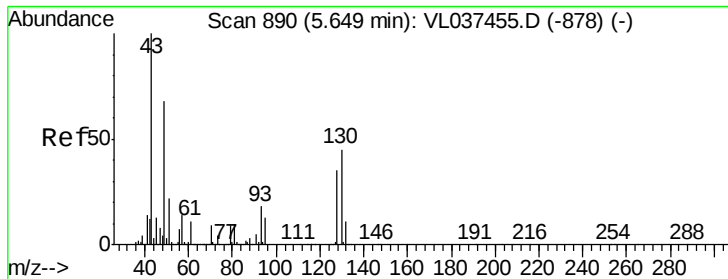
Instrument :
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Quant Time: Aug 20 01:37:33 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
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#1

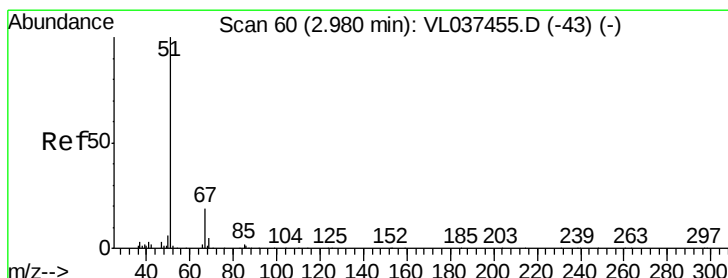
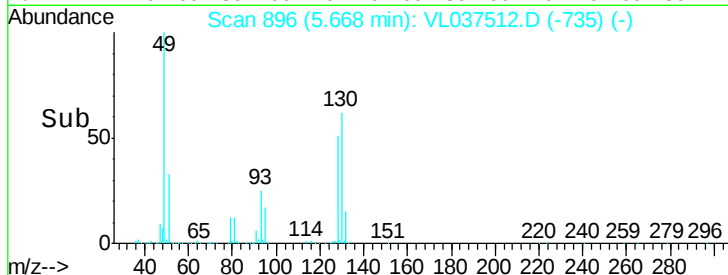
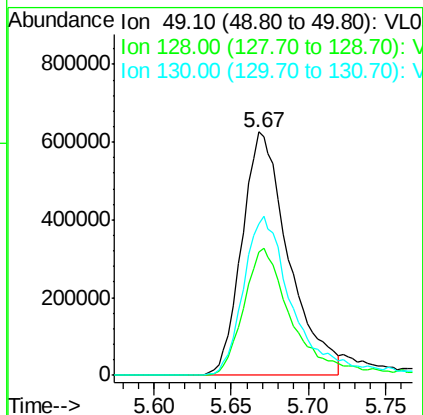
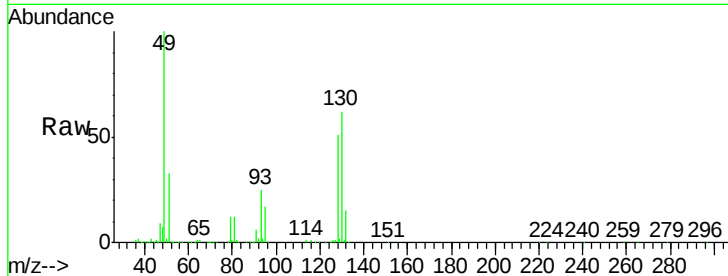
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 896
 Delta R.T. 0.02 min
 Lab File: VL037512.D
 Acq: 19 Aug 2021 23:48

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-4DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	56.5	27.5	82.4
130	70.8	34.0	101.8

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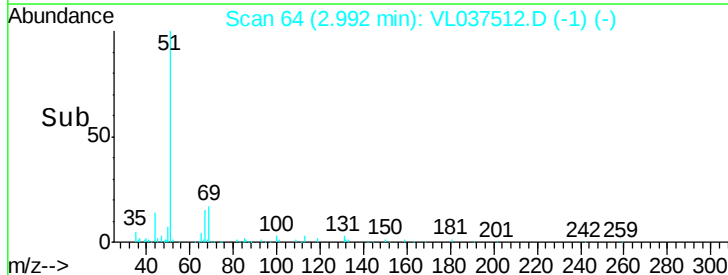
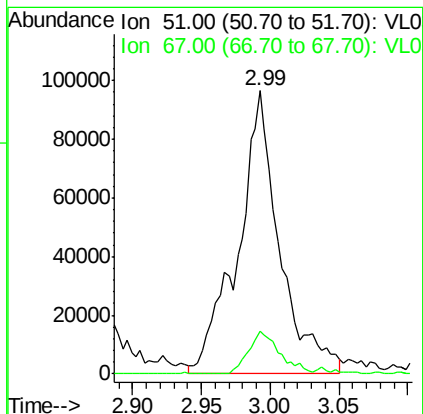
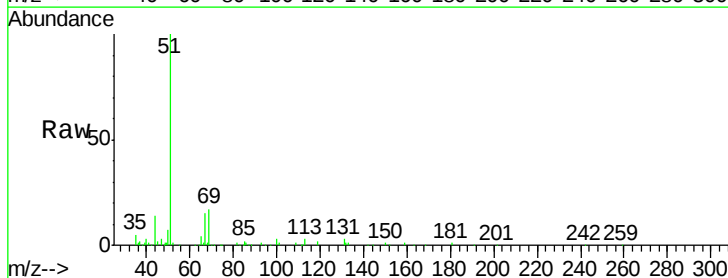
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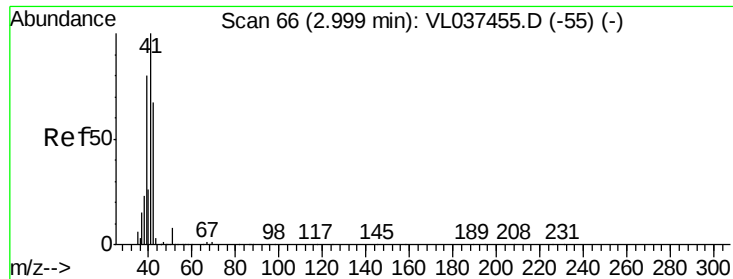


#3

Chlorodifluoromethane
 Concen: 0.810 ppbv m
 RT: 2.99 min Scan# 64
 Delta R.T. 0.01 min
 Lab File: VL037512.D
 Acq: 19 Aug 2021 23:48

Tgt Ion	Ratio	Lower	Upper
51	100		
67	1.5	14.2	21.2





#9

Propene

Concen: 0.237 ppbv m

RT: 3.03 min Scan# 75

Delta R.T. 0.03 min

Lab File: VL037512.D

Acq: 19 Aug 2021 23:48

Instrument :

MSVOA_L

ClientSampleId :

SR-SG-4DL

Tot Ion: 41 Resp: 21373

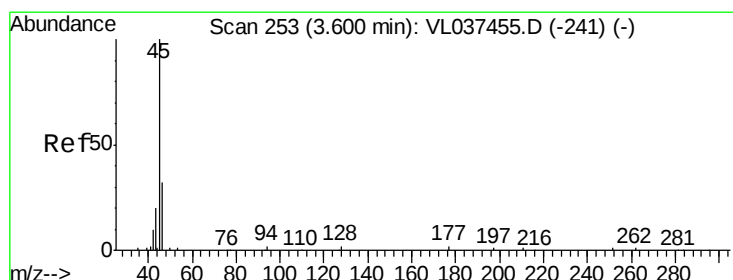
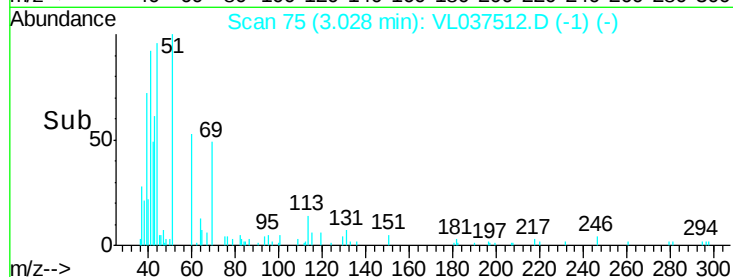
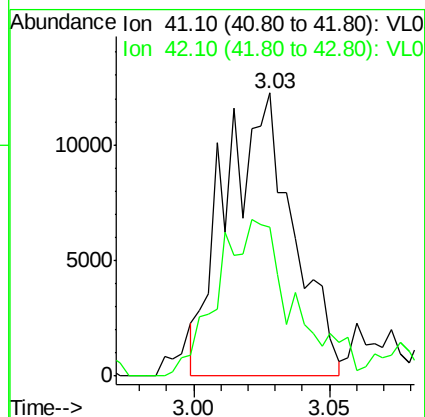
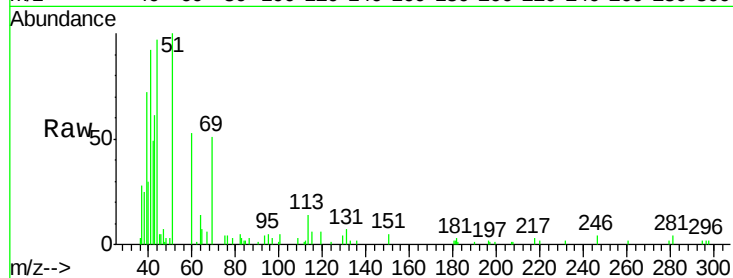
Ion Ratio Lower Upper

41 100

42 0.0 53.7 80.5#

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#13

Ethanol

Concen: 130.977 ppbv

RT: 3.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: VL037512.D

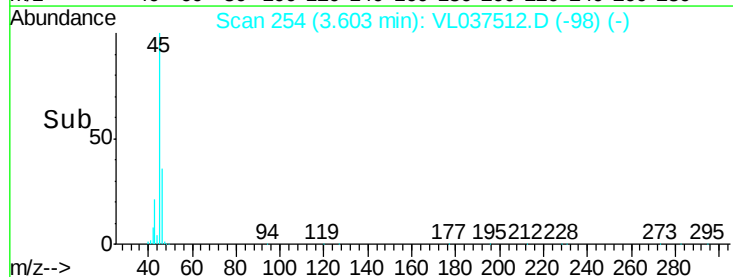
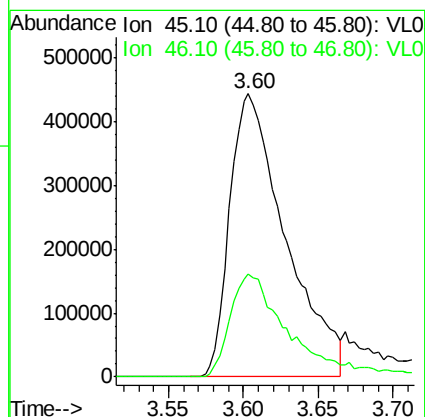
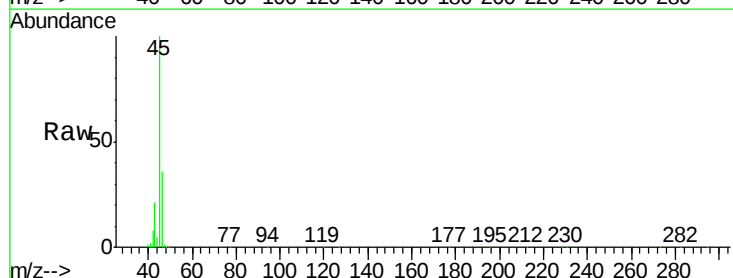
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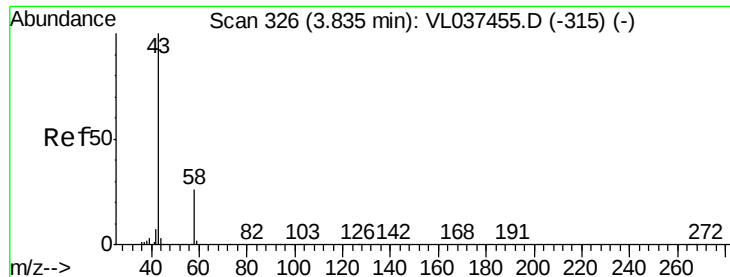
Tgt Ion: 45 Resp: 1148282

Ion Ratio Lower Upper

45 100

46 40.8 14.1 56.5





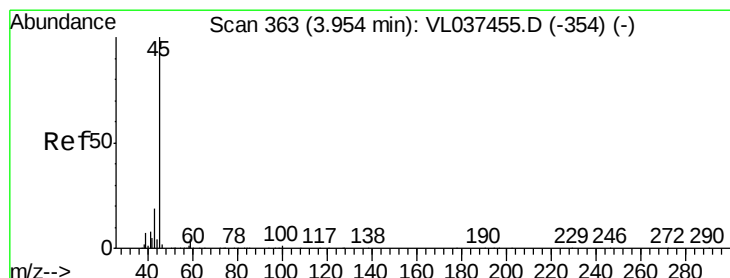
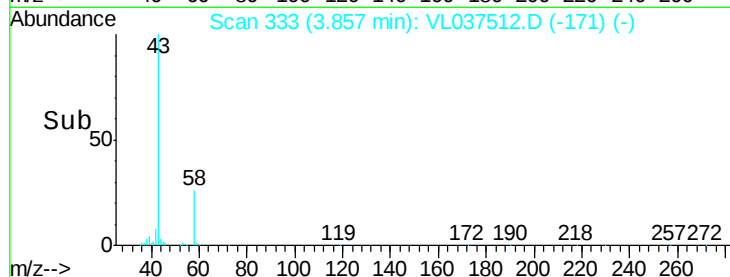
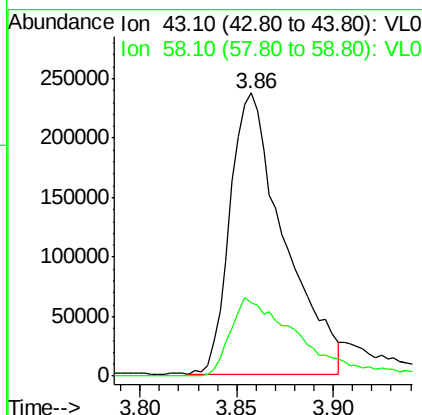
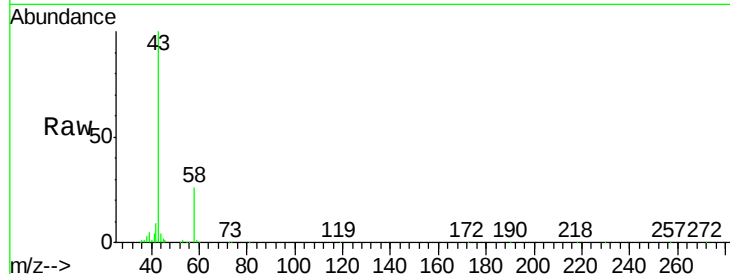
#15
Acetone
Concen: 3.410 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL037512.D
Acq: 19 Aug 2021 23:48

Instrument :
MSVOA_L
ClientSampled :
SR-SG-4DL

Tot Ion: 43 Resp: 456421
Ion Ratio Lower Upper
43 100
58 35.6 24.8 37.2

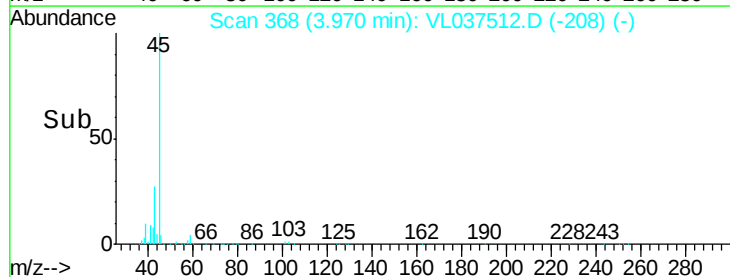
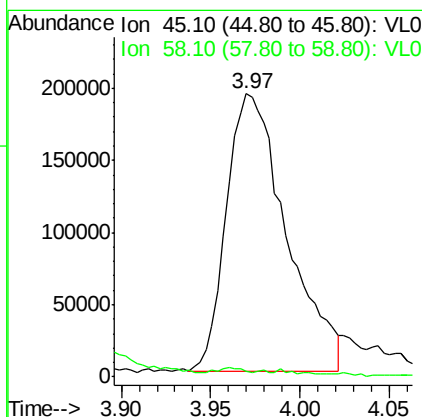
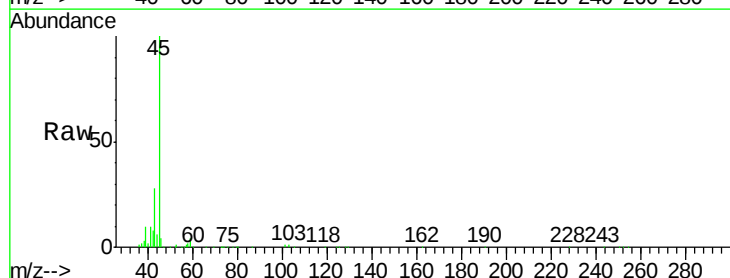
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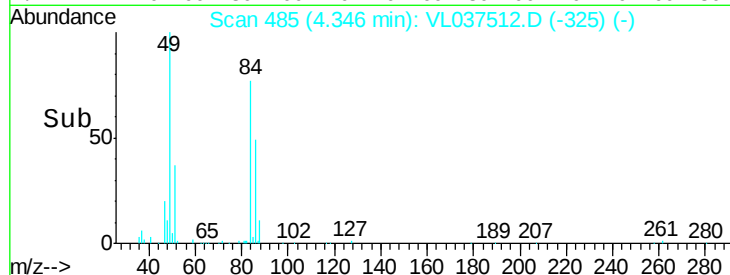
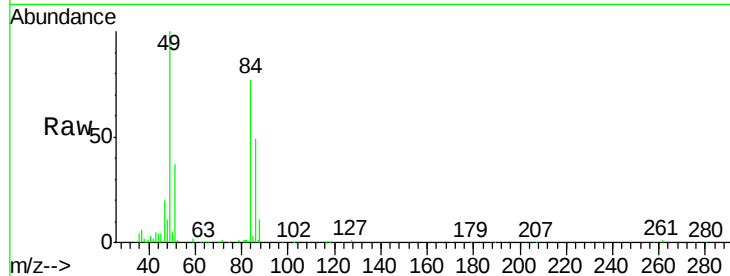
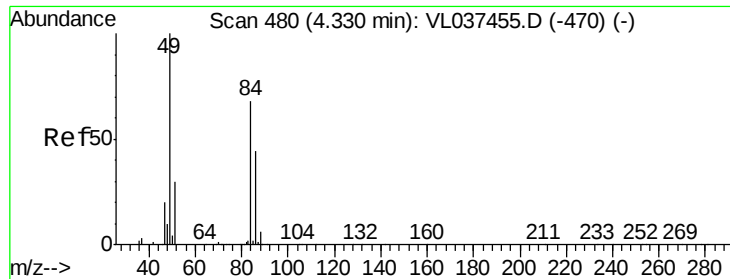
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#19
Isopropyl Alcohol
Concen: 5.890 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.02 min
Lab File: VL037512.D
Acq: 19 Aug 2021 23:48

Tgt Ion: 45 Resp: 451566
Ion Ratio Lower Upper
45 100
58 3.5 1.4 2.2#





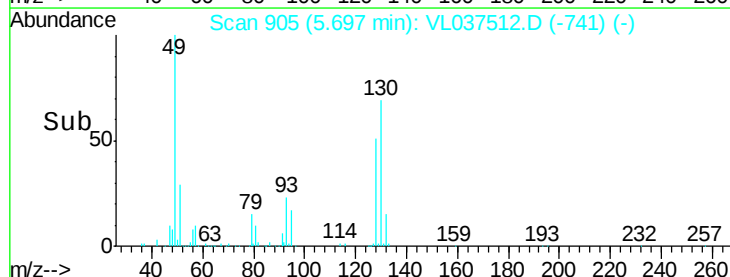
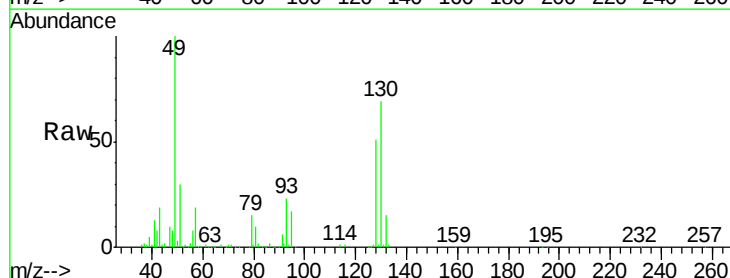
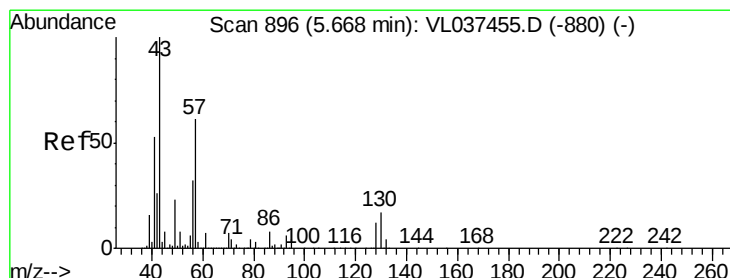
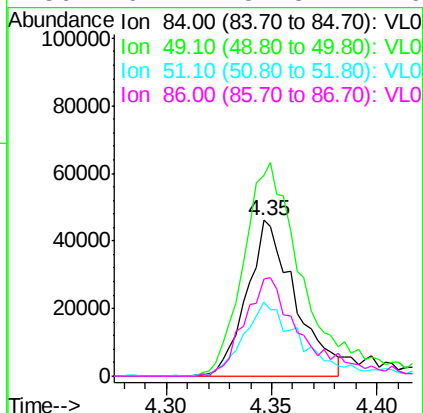
#20
Methvlene Chloride
Concen: 1.093 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.02 min
Lab File: VL037512.D
Acq: 19 Aug 2021 23:48

Tot Ion:	84	Resp:	73248
Ion	Ratio	Lower	Upper
84	100		
49	129.3	118.2	177.2
51	47.8	36.6	55.0
86	62.7	51.8	77.6

Instrument :
MSVOA_L
ClientSampleId :
SR-SG-4DL

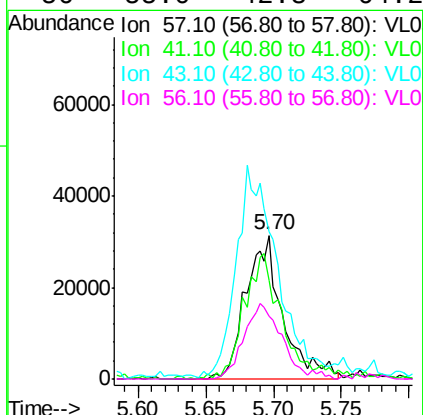
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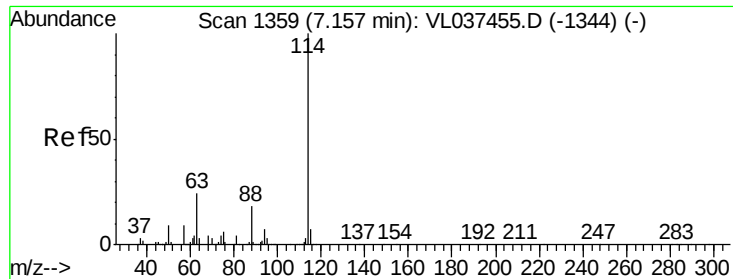
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#26
Hexane
Concen: 0.356 ppbv m
RT: 5.70 min Scan# 905
Delta R.T. 0.03 min
Lab File: VL037512.D
Acq: 19 Aug 2021 23:48

Tgt Ion:	57	Resp:	59189
Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.3	108.5#
43	175.3	172.3	258.5
56	55.0	42.8	64.2





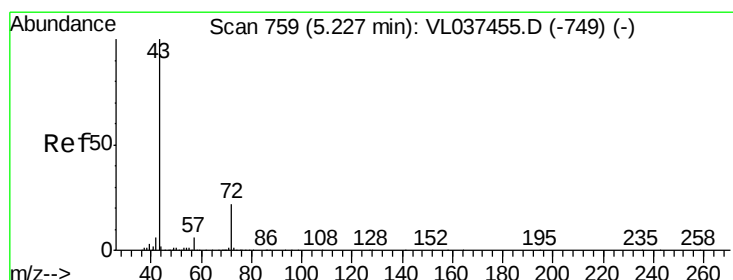
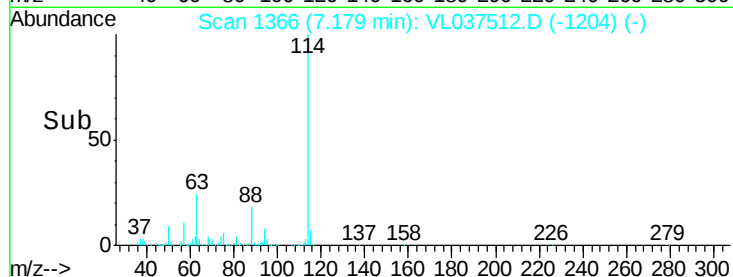
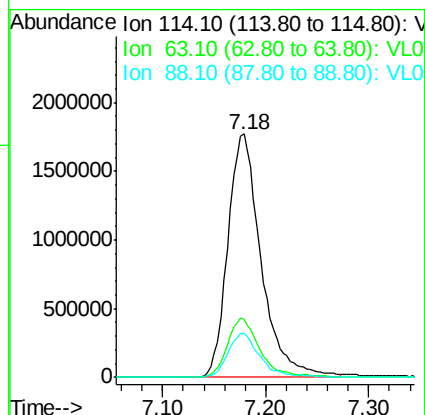
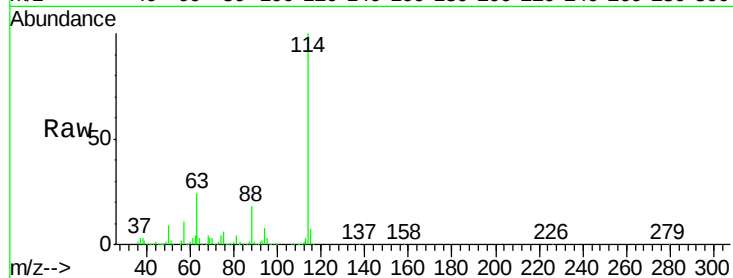
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.02 min
 Lab File: VL037512.D
 Acq: 19 Aug 2021 23:48

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-SG-4DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.3	28.9
88	17.5	14.2	21.4

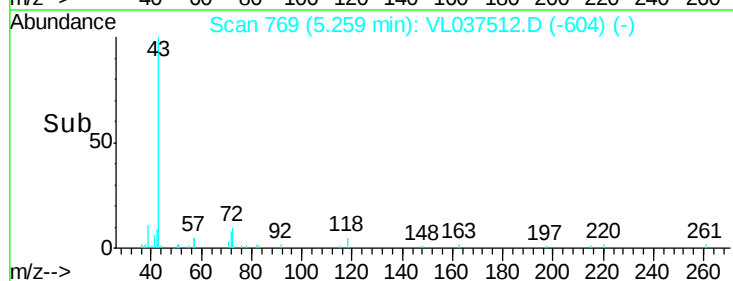
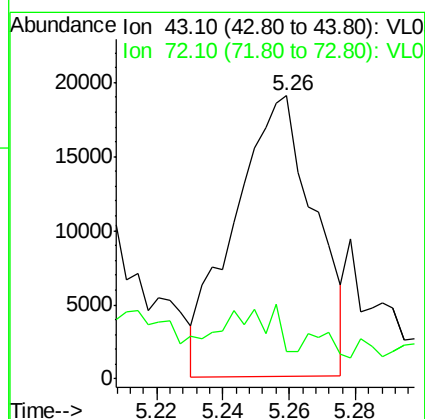
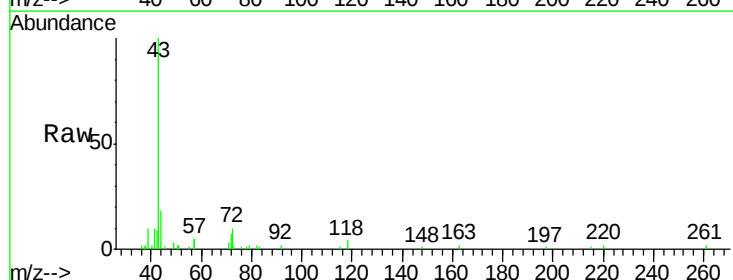
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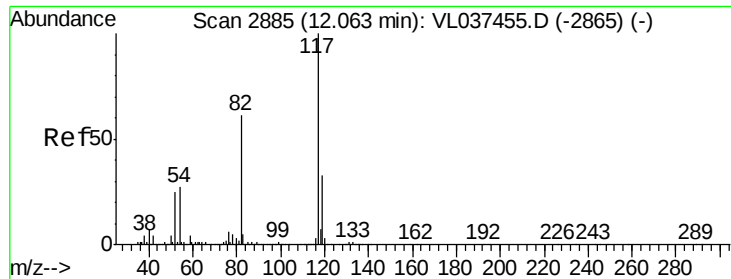
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#34
 2-Butanone
 Concen: 0.196 ppbv
 RT: 5.26 min Scan# 769
 Delta R.T. 0.03 min
 Lab File: VL037512.D
 Acq: 19 Aug 2021 23:48

Tgt Ion	Ratio	Lower	Upper
43	100		
72	18.9	17.4	26.0





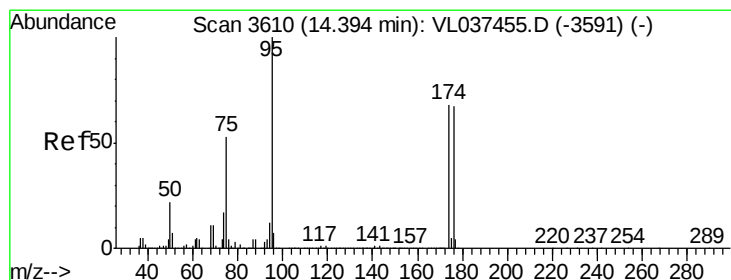
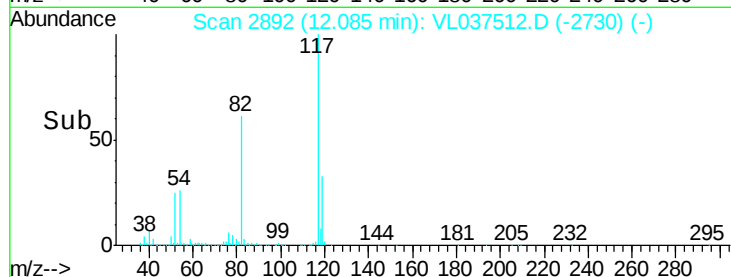
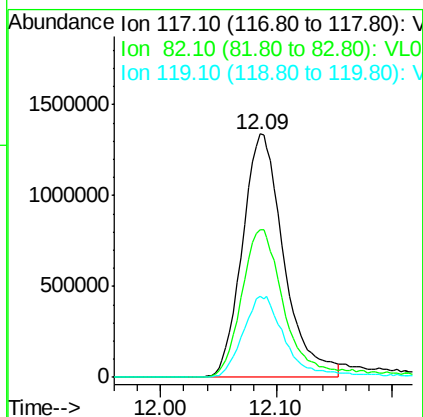
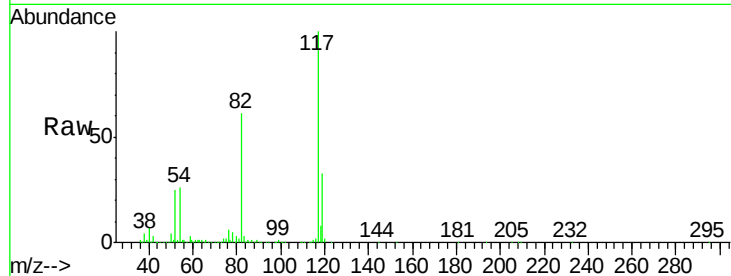
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. 0.02 min
Lab File: VL037512.D
Acq: 19 Aug 2021 23:48

Instrument :
MSVOA_L
ClientSampleId :
SR-SG-4DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.8	52.9	79.3
119	34.9	24.8	37.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.789 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.02 min
Lab File: VL037512.D
Acq: 19 Aug 2021 23:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.4	59.6	89.4
175	6.0	4.6	7.0

