

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL036992.D
 Acq On : 19 May 2021 14:51
 Operator : SY/AP
 Sample : M2262-15 0.03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

Quant Time: May 20 06:29:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1119965	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3405013	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3049988	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2352359	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

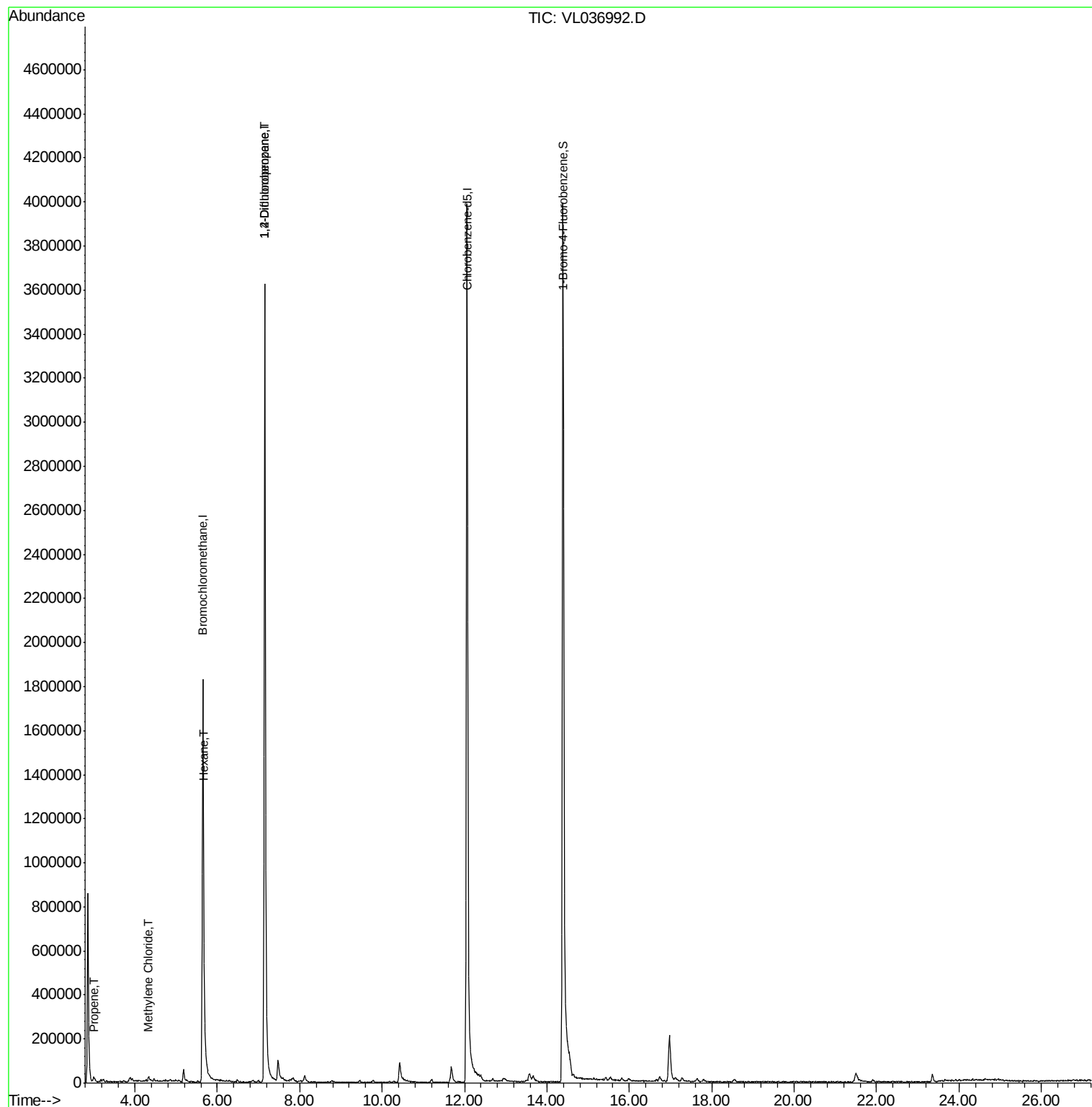
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	2384	0.032	ppbv #	1
20) Methylene Chloride	4.32	84	2089	0.034	ppbv #	75
26) Hexane	5.67	57	4898	0.035	ppbv #	65
39) 1,2-Dichloropropane	7.15	63	808317	7.154	ppbv #	25

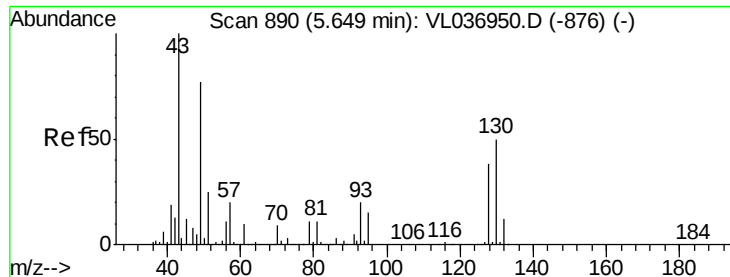
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.00 min

Lab File: VL036992.D

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Instrument :

MSVOA_L

ClientSampleId :

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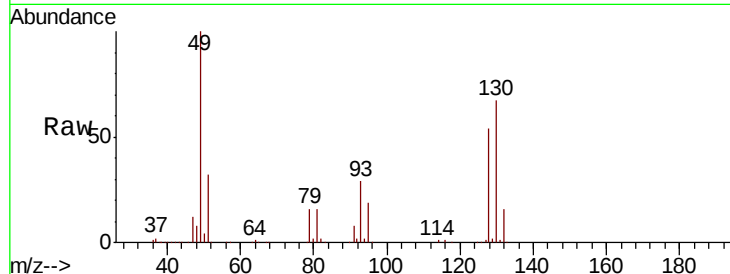
Tot Ion: 49 Resp: 1119965

Ion Ratio Lower Upper

49 100

128 57.9 26.9 80.7

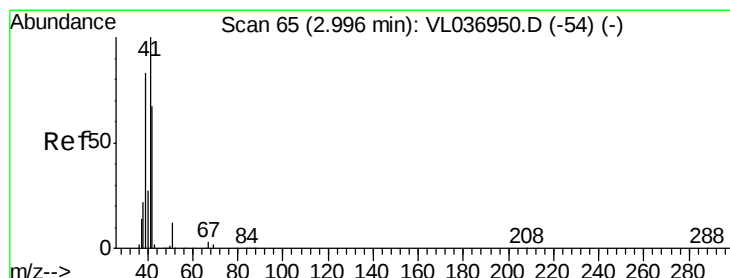
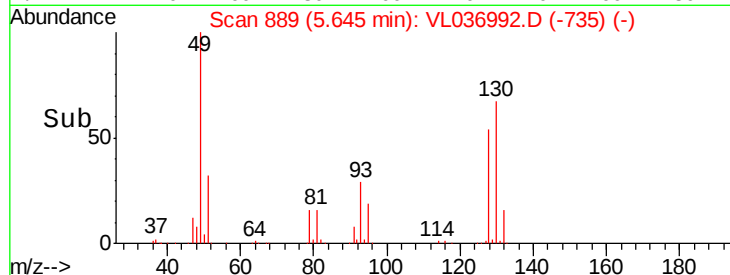
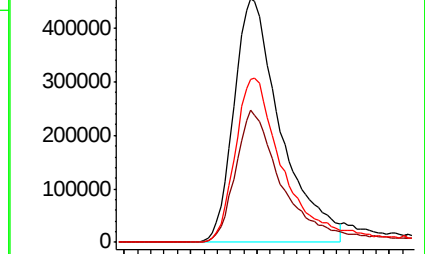
130 74.4 33.8 101.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.032 ppbv

RT: 2.99 min Scan# 63

Delta R.T. -0.01 min

Lab File: VL036992.D

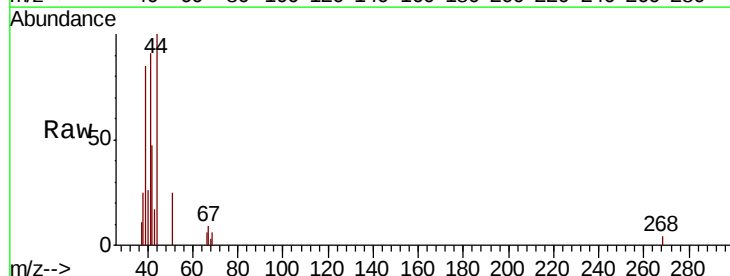
Acq: 19 May 2021 14:51

Tgt Ion: 41 Resp: 2384

Ion Ratio Lower Upper

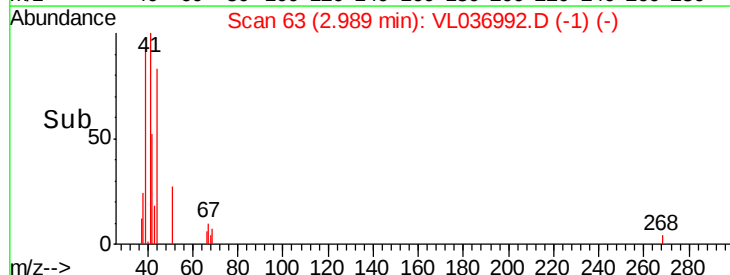
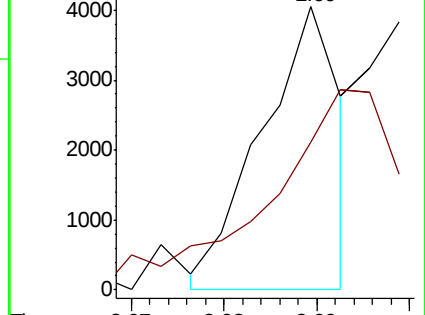
41 100

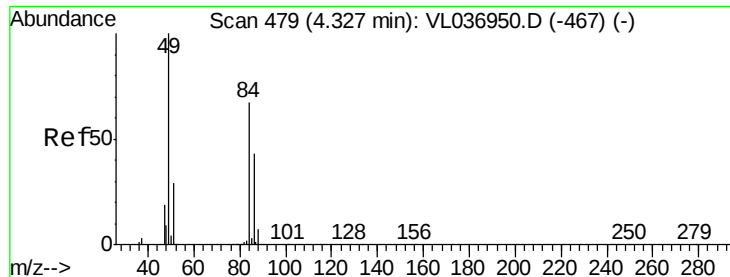
42 242.6 53.9 80.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

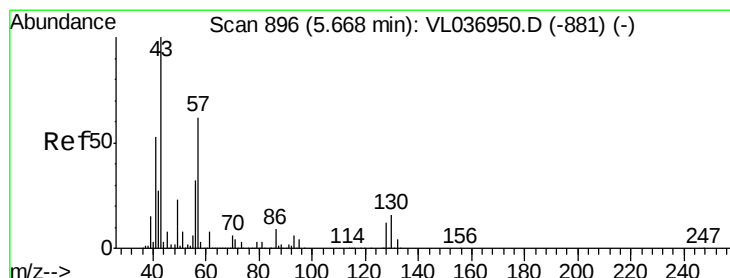
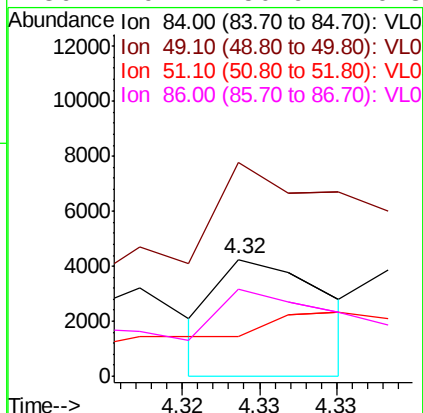
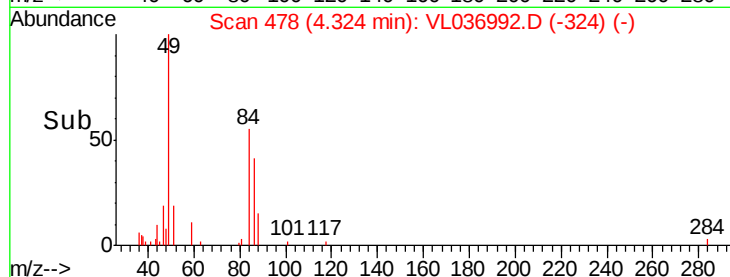
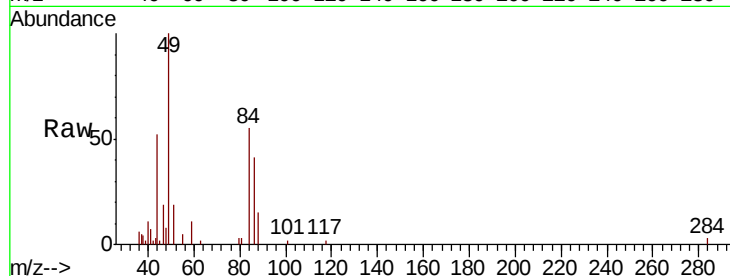




#20
Methvlene Chloride
Concen: 0.034 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL036992.D
Acq: 19 May 2021 14:51

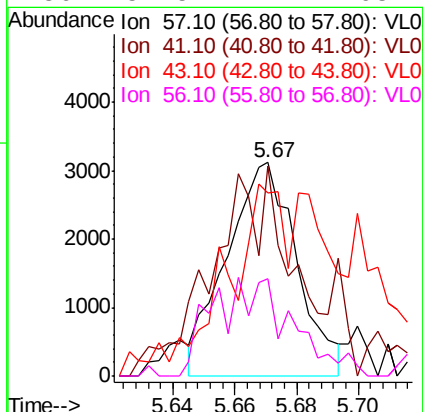
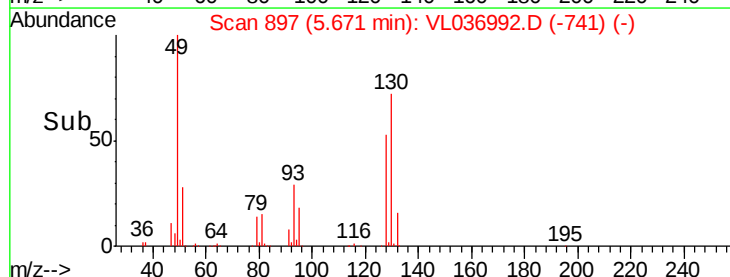
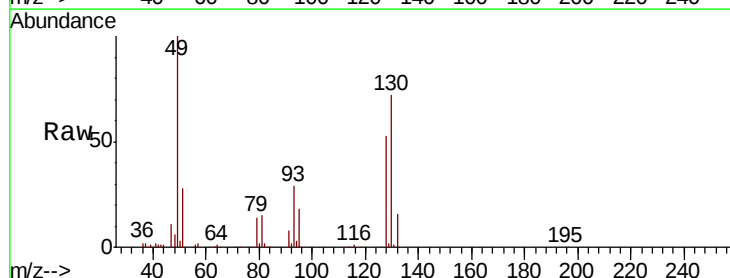
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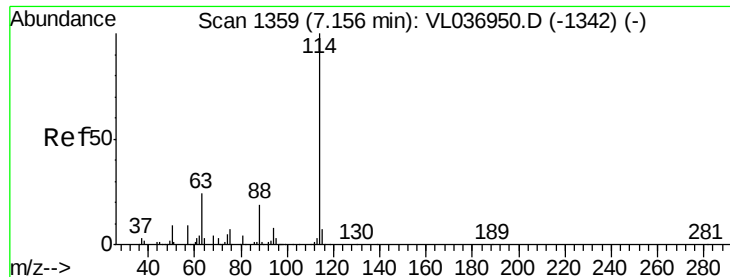
Tot Ion: 84 Resp: 2089
Ion Ratio Lower Upper
84 100
49 168.7 119.8 179.6
51 0.0 35.1 52.7#
86 79.1 50.9 76.3#



#26
Hexane
Concen: 0.035 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL036992.D
Acq: 19 May 2021 14:51

Tgt Ion: 57 Resp: 4898
Ion Ratio Lower Upper
57 100
41 147.3 70.5 105.7#
43 159.0 165.8 248.8#
56 54.5 42.2 63.4

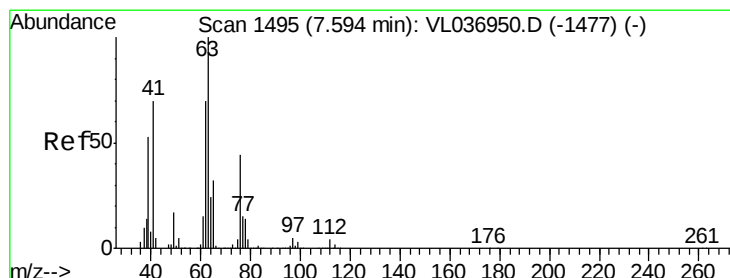
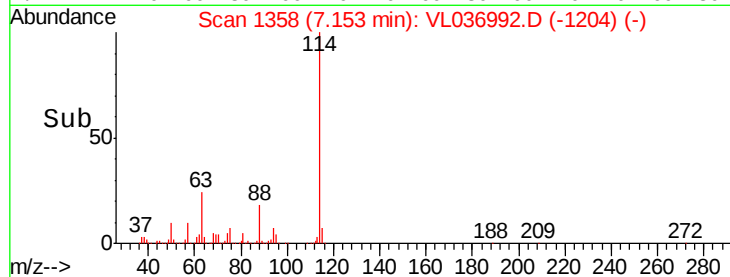
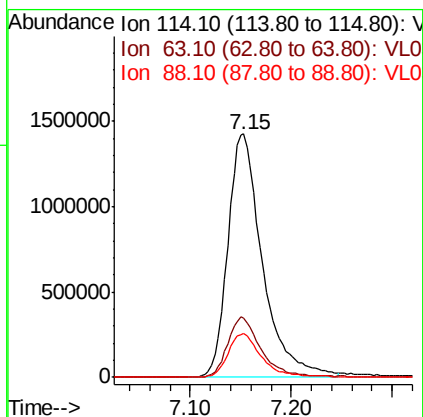
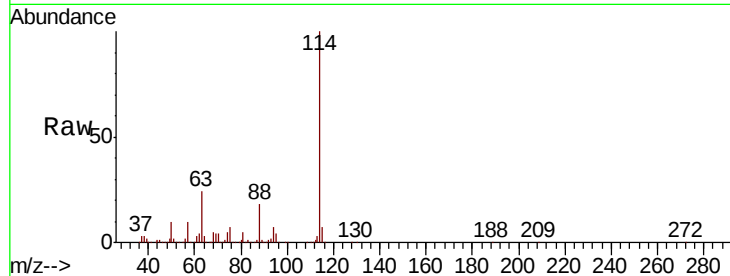




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: VL036992.D
 Acq: 19 May 2021 14:51

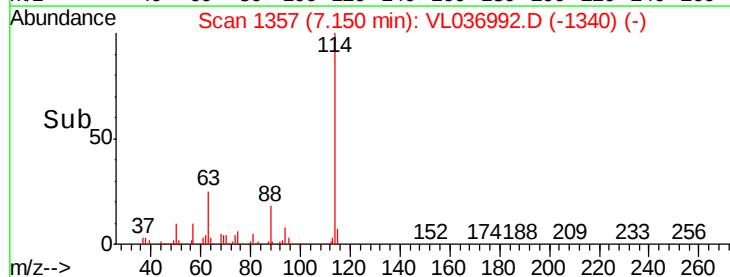
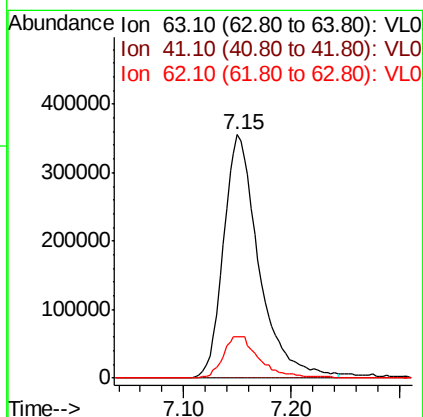
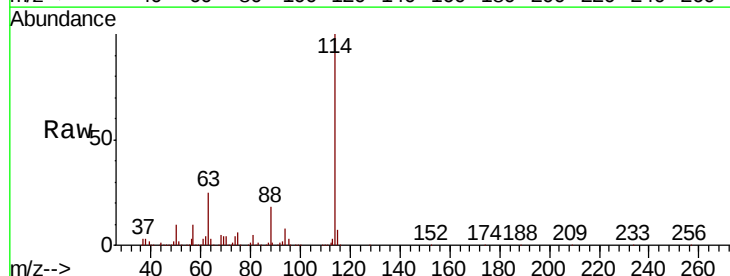
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2021

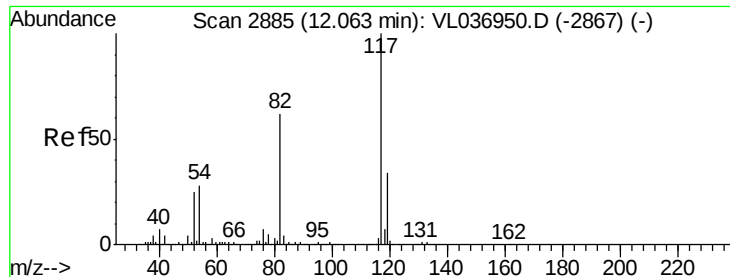
Tot Ion:114 Resp: 3405013
 Ion Ratio Lower Upper
 114 100
 63 24.4 19.6 29.4
 88 18.0 14.6 21.8



#39
 1,2-Dichloropropane
 Concen: 7.154 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.44 min
 Lab File: VL036992.D
 Acq: 19 May 2021 14:51

Tgt Ion: 63 Resp: 808317
 Ion Ratio Lower Upper
 63 100
 41 0.1 55.7 83.5#
 62 16.8 56.2 84.4#

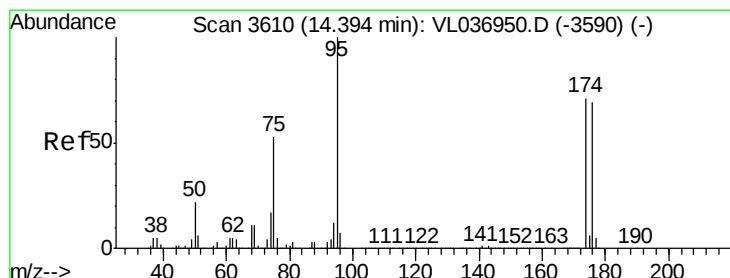
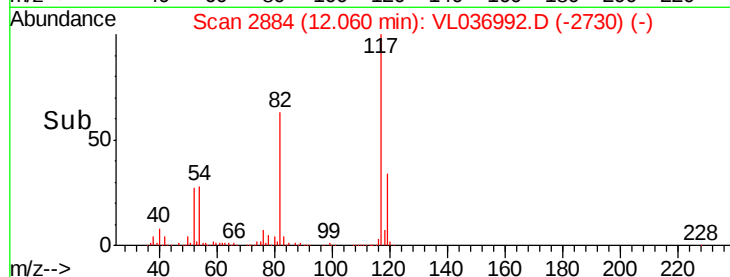
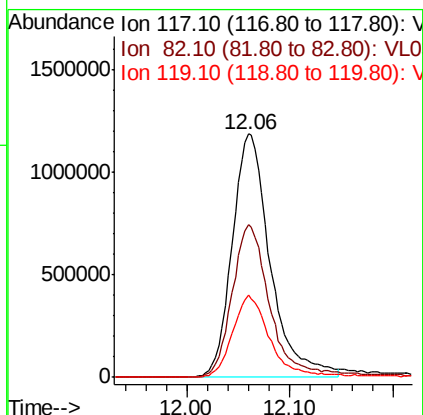
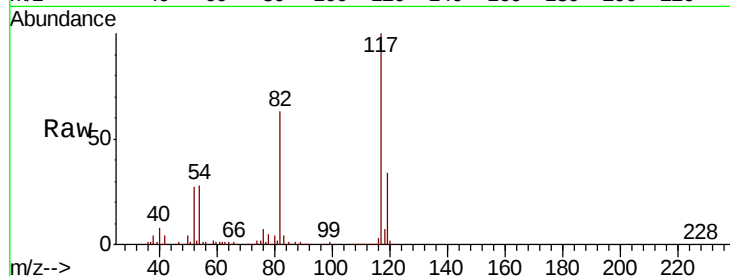




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.00 min
Lab File: VL036992.D
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Tot Ion:117 Resp: 3049988
Ion Ratio Lower Upper
117 100
82 65.0 52.6 79.0
119 34.8 46.6 70.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.267 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL036992.D
Acq: 19 May 2021 14:51

Tgt Ion: 95 Resp: 2352359
Ion Ratio Lower Upper
95 100
174 74.8 58.4 87.6
175 5.3 4.4 6.6

