

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032421\
 Data File : VL036467.D
 Acq On : 24 Mar 2021 14:05
 Operator :
 Sample : OC032321 CAN 10332
 Misc : 400 mL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 25 07:18:49 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 03 14:18:24 2021
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1595990	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3466881	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3129525	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2596875	10.09	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

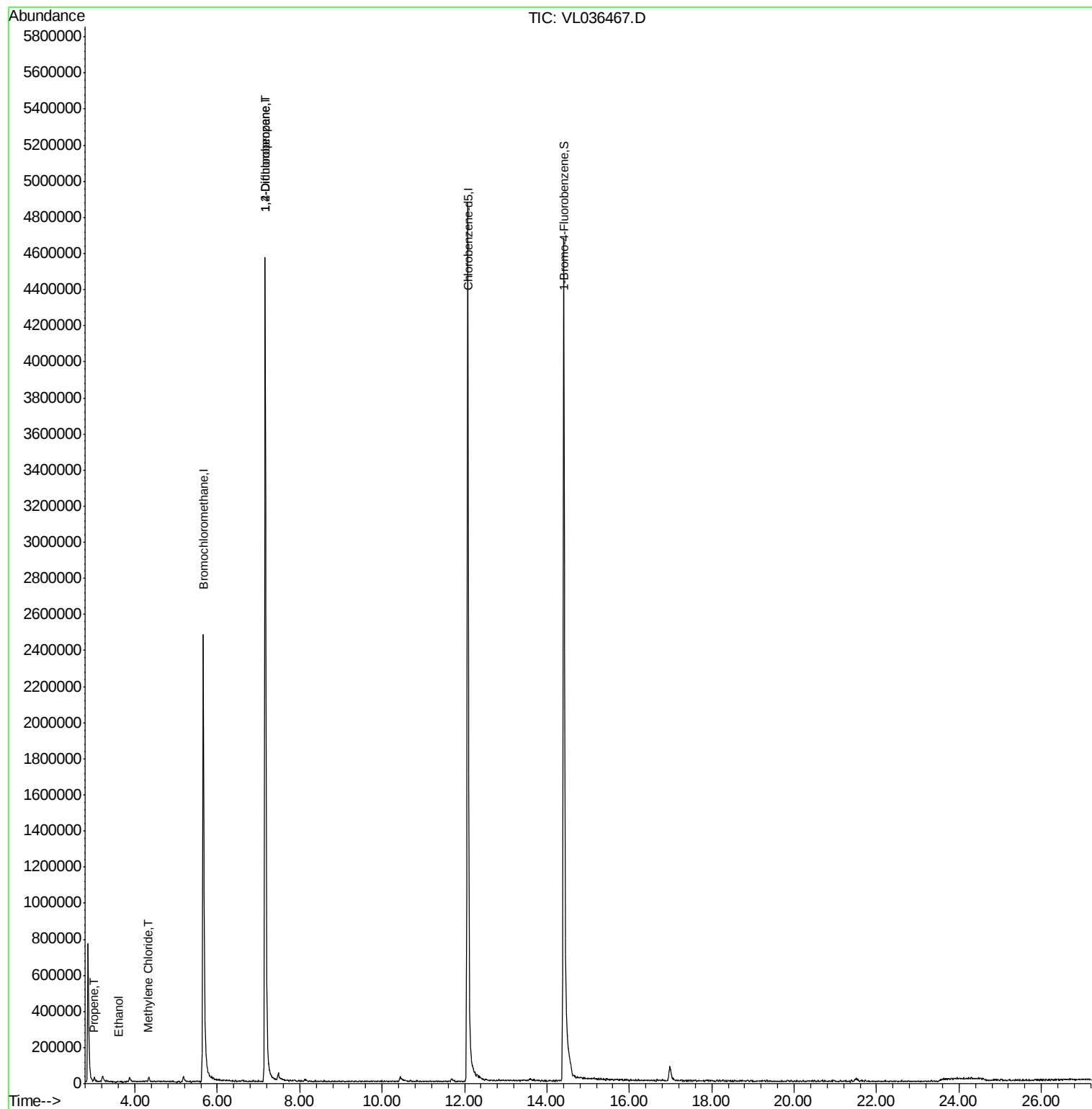
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	2013	0.024	ppbv #	15
13) Ethanol	3.60	45	333	0.026	ppbv #	34
20) Methylene Chloride	4.33	84	2018	0.033	ppbv #	24
39) 1,2-Dichloropropane	7.16	63	980487	8.571	ppbv #	21

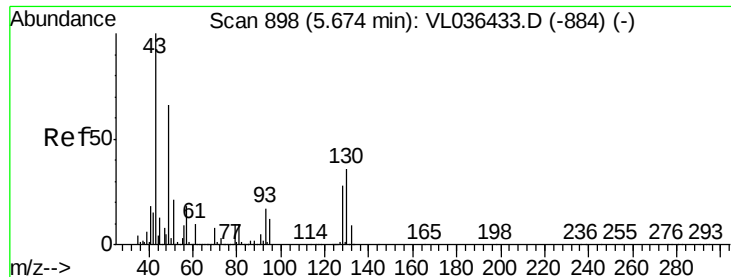
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

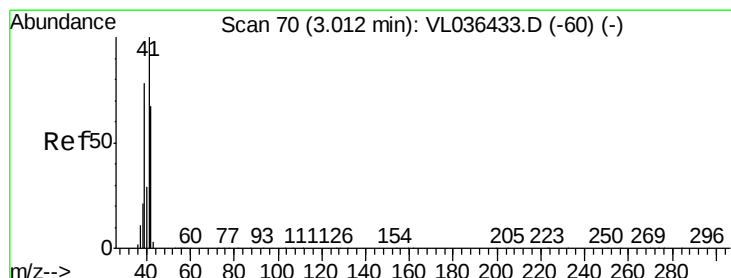
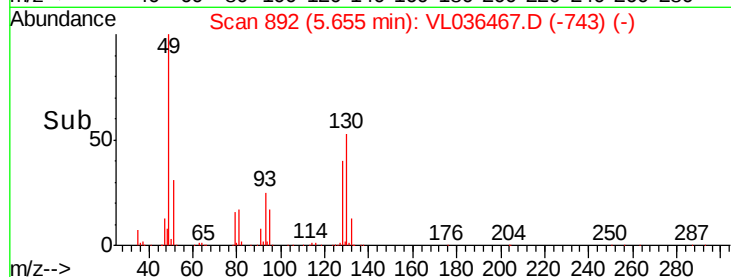
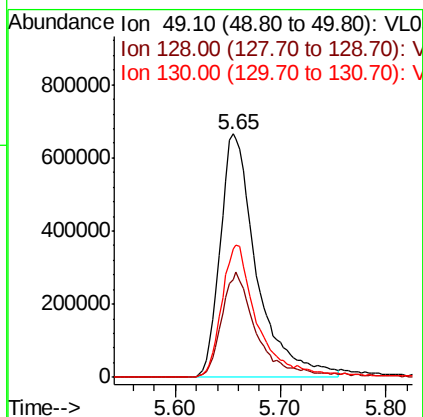
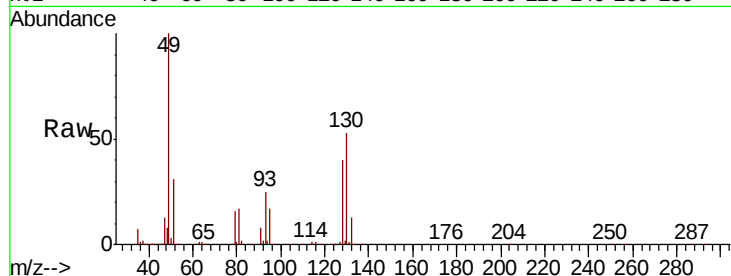
Quant Time: Mar 25 07:18:49 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030321AIR.M
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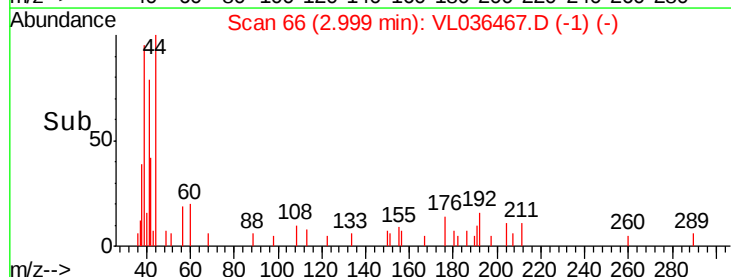
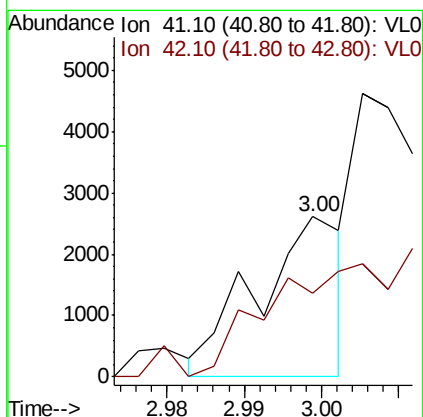
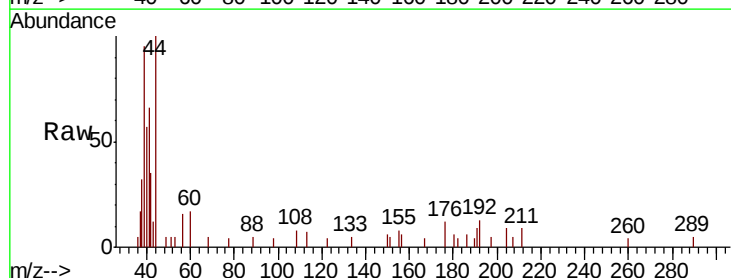
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Mar 2021 14:05

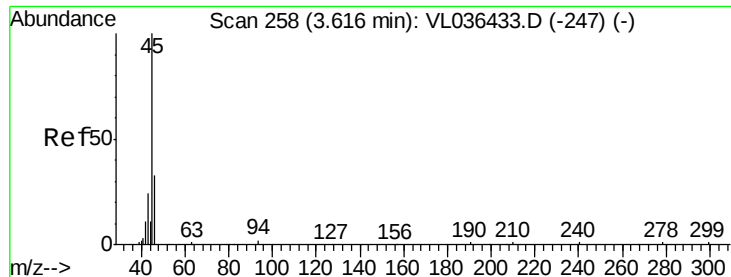
Tot Ion: 49 Resp: 1595990
 Ion Ratio Lower Upper
 49 100
 128 43.0 22.4 67.2
 130 54.4 28.0 84.0



#9
 Propene
 Concen: 0.024 ppbv
 RT: 3.00 min Scan# 66
 Delta R.T. -0.01 min
 Lab File: VL036467.D
 Acq: 24 Mar 2021 14:05

Tgt Ion: 41 Resp: 2013
 Ion Ratio Lower Upper
 41 100
 42 0.0 56.2 84.4#





#13

Ethanol

Concen: 0.026 ppbv

RT: 3.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

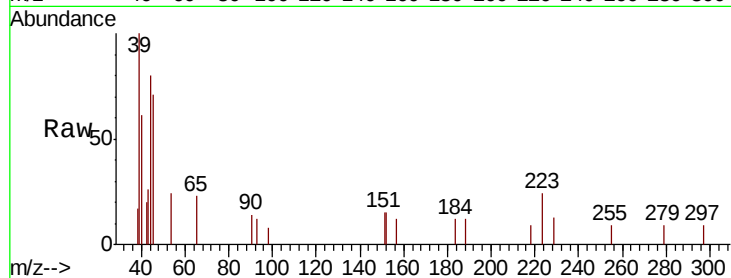
Acq: 24 Mar 2021 14:05

Tot Ion: 45 Resp: 333

Ion Ratio Lower Upper

45 100

46 0.0 16.8 67.4#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3.60

1500

1000

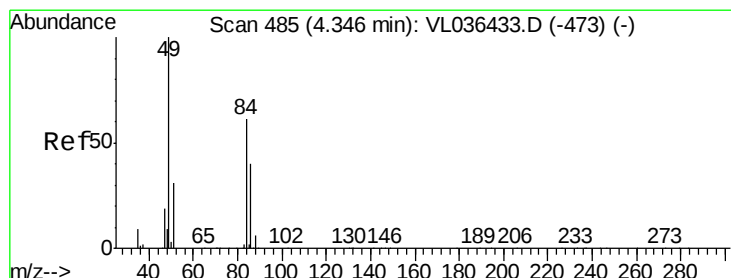
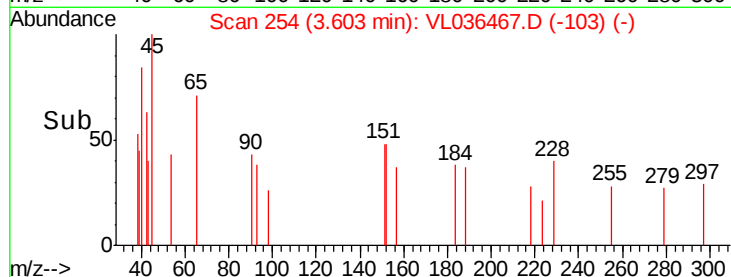
500

0

Time-->

3.60

3.61



#20

Methylene Chloride

Concen: 0.033 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.02 min

Lab File: VL036467.D

Acq: 24 Mar 2021 14:05

Tgt Ion: 84 Resp: 2018

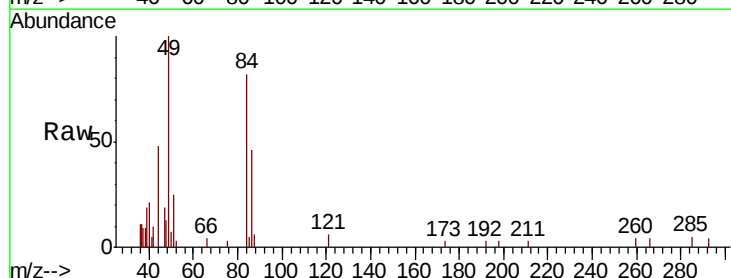
Ion Ratio Lower Upper

84 100

49 48.8 130.2 195.2#

51 0.0 40.5 60.7#

86 20.5 51.4 77.2#



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

12000

10000

8000

6000

4000

2000

0

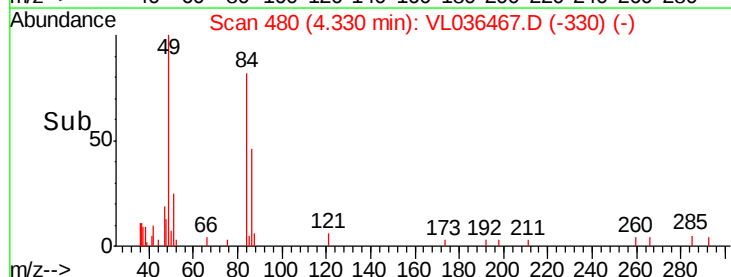
Time-->

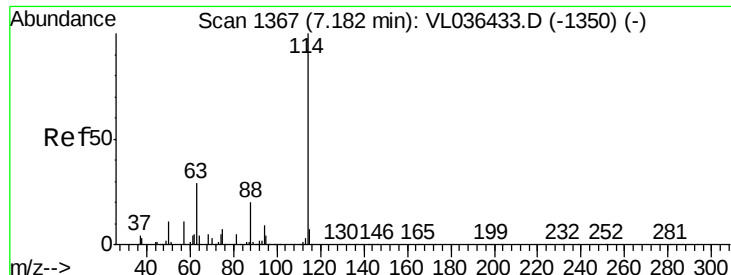
4.32

4.33

4.33

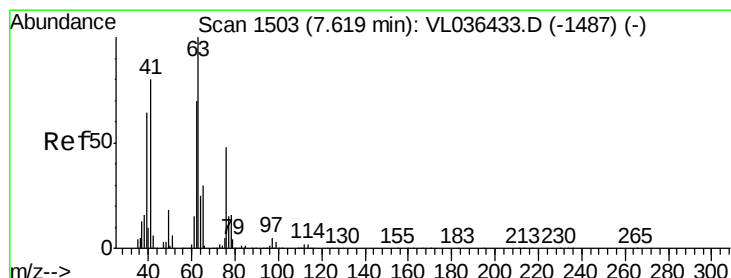
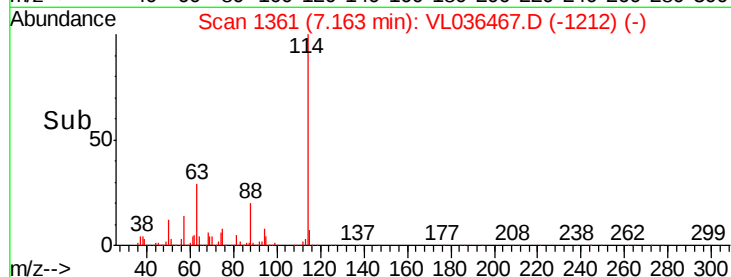
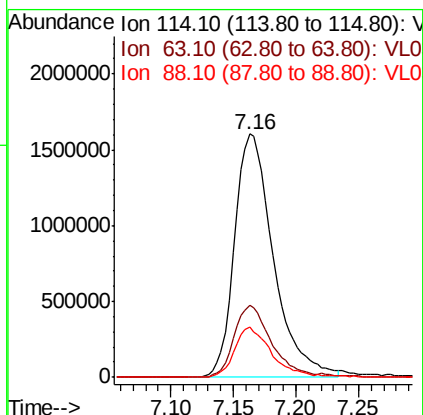
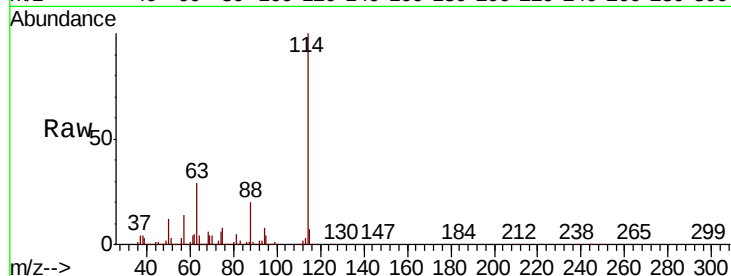
4.34





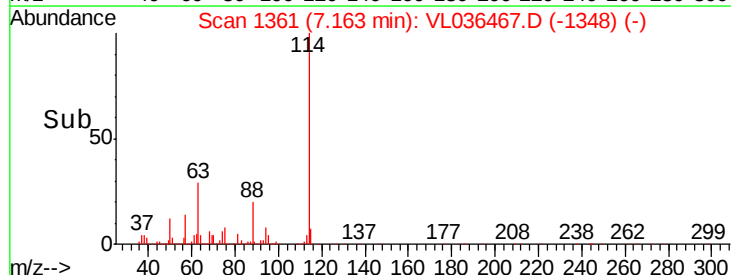
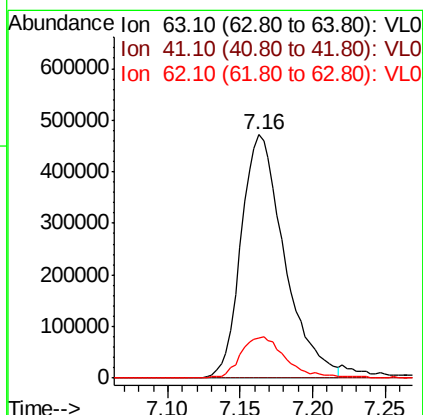
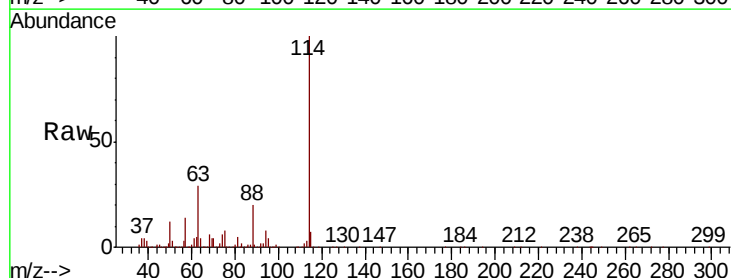
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Mar 2021 14:05

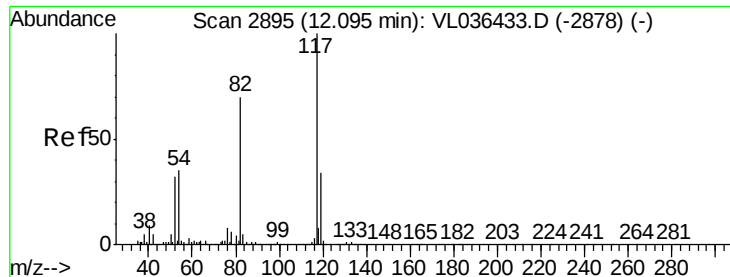
Tot Ion: 114 Resp: 3466881
 Ion Ratio Lower Upper
 114 100
 63 29.4 23.3 34.9
 88 20.0 15.6 23.4



#39
 1,2-Dichloropropane
 Concen: 8.571 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.46 min
 Lab File: VL036467.D
 Acq: 24 Mar 2021 14:05

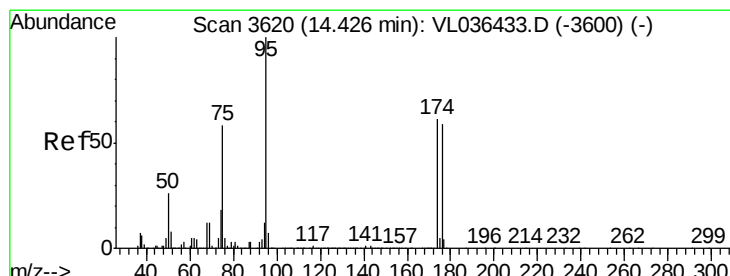
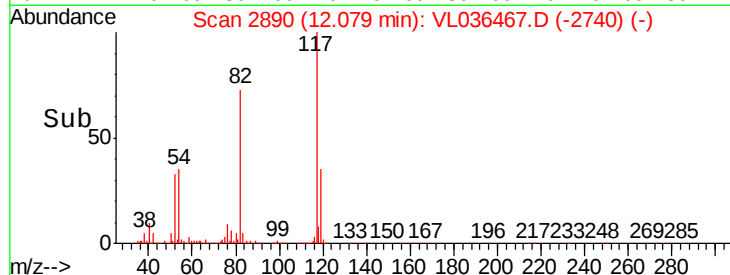
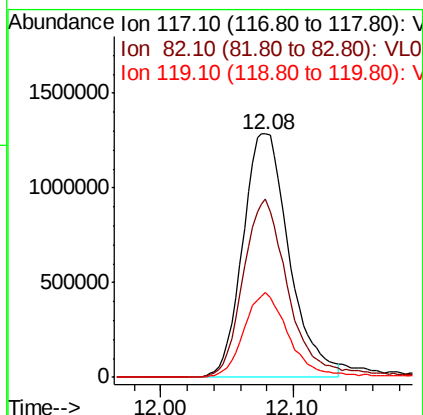
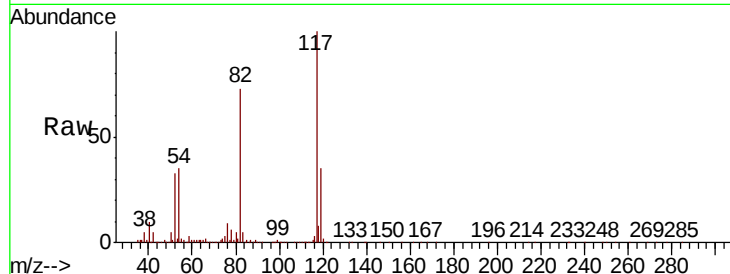
Tgt Ion: 63 Resp: 980487
 Ion Ratio Lower Upper
 63 100
 41 0.1 64.4 96.6#
 62 16.2 55.7 83.5#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Mar 2021 14:05

Tot Ion: 117 Resp: 3129525
Ion Ratio Lower Upper
117 100
82 74.1 56.5 84.7
119 35.4 27.0 40.4



#68
1-Bromo-4-Fluorobenzene
Concen: 10.090 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL036467.D
Acq: 24 Mar 2021 14:05

Tgt Ion: 95 Resp: 2596875
Ion Ratio Lower Upper
95 100
174 64.9 51.0 76.4
175 4.5 3.8 5.6

