

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
 Data File : VL038752.D
 Acq On : 24 Mar 2022 17:42
 Operator : SY/AP
 Sample : QC032322 CAN 10728
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC032322 CAN 10728

Quant Time: Mar 25 02:09:30 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	880637	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2298284	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	1913935	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1439796	9.81	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

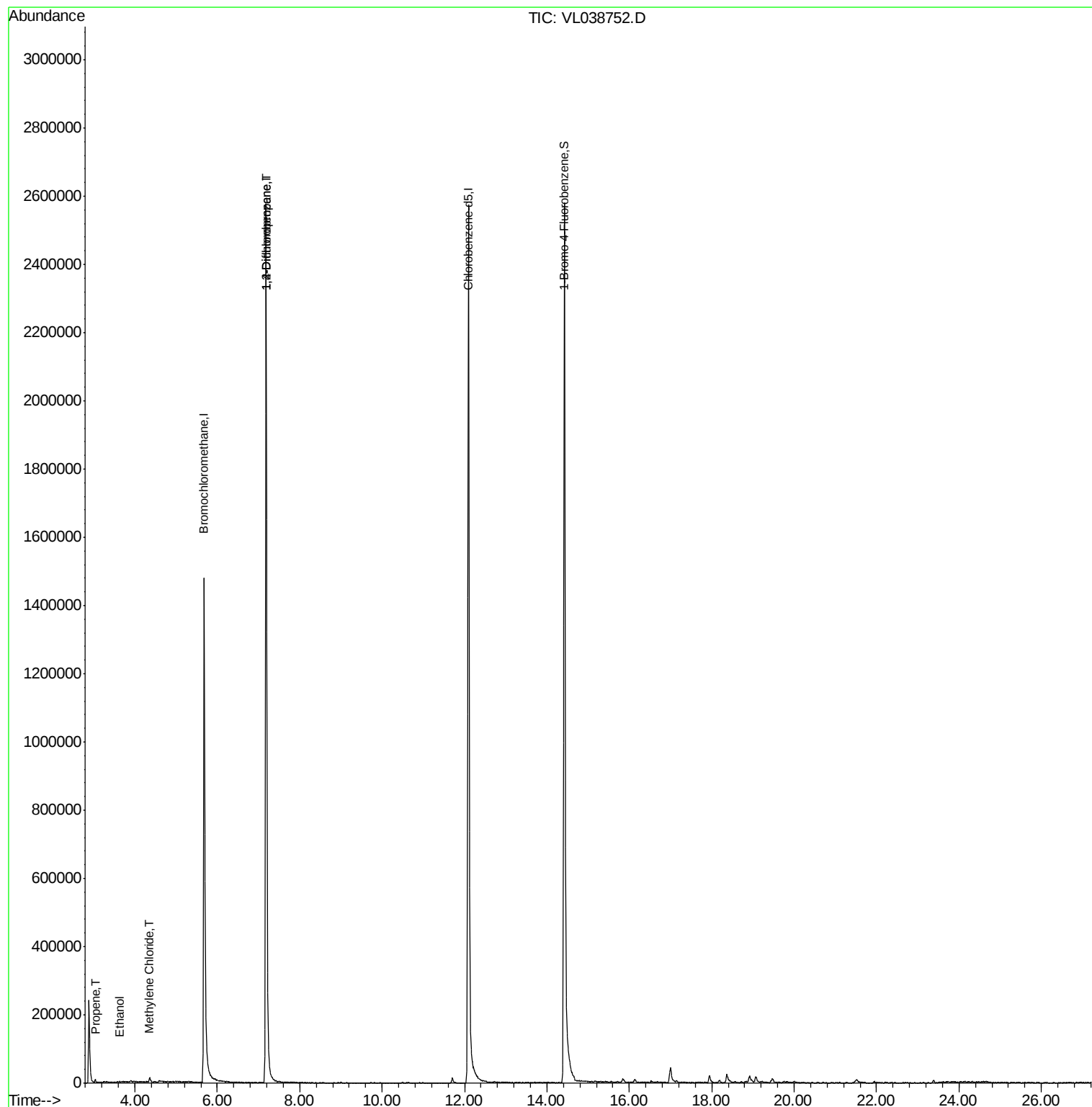
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	2261	0.05	ppbv	95
13) Ethanol	3.63	45	217	0.04	ppbv #	37
20) Methylene Chloride	4.36	84	3437	0.11	ppbv	92
39) 1,2-Dichloropropane	7.19	63	532169	7.67	ppbv #	29

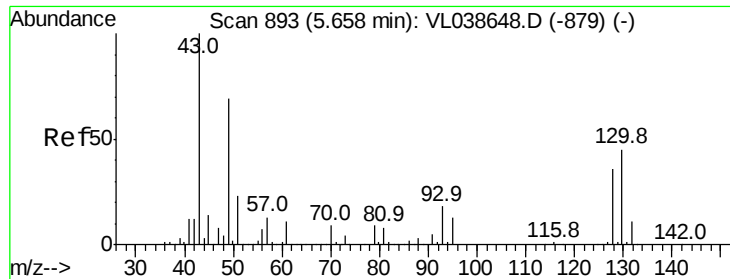
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 24 Mar 2022 17:42

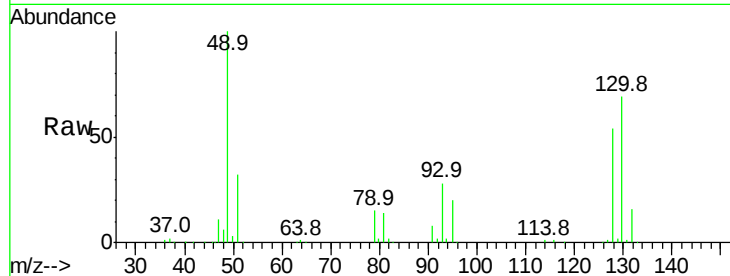
Tgt Ion: 49 Resp: 880637

Ion Ratio Lower Upper

49 100

128 55.2 26.2 78.6

130 71.1 33.7 101.1



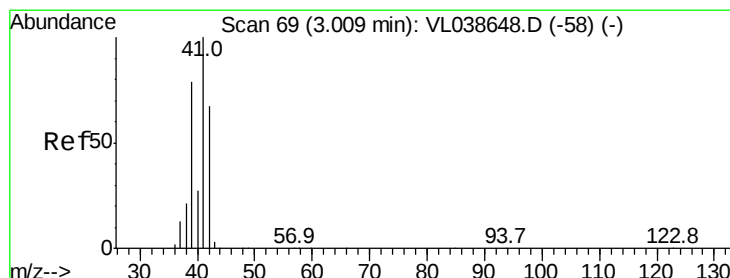
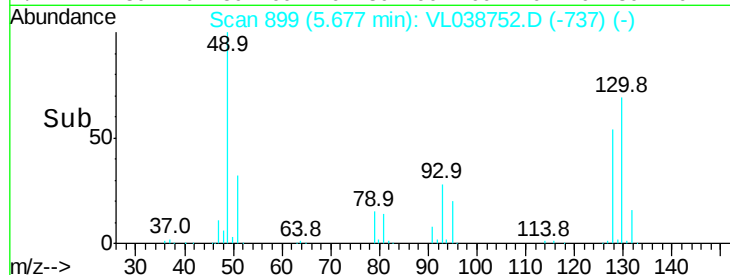
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.68

Time-->



#9

Propene

Concen: 0.05 ppbv

RT: 3.03 min Scan# 77

Delta R.T. 0.03 min

Lab File: VL038752.D

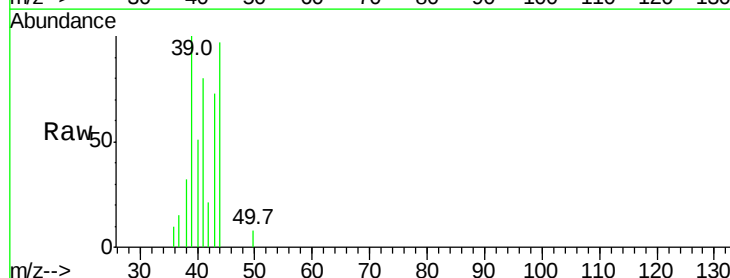
Acq: 24 Mar 2022 17:42

Tgt Ion: 41 Resp: 2261

Ion Ratio Lower Upper

41 100

42 74.2 56.2 84.4

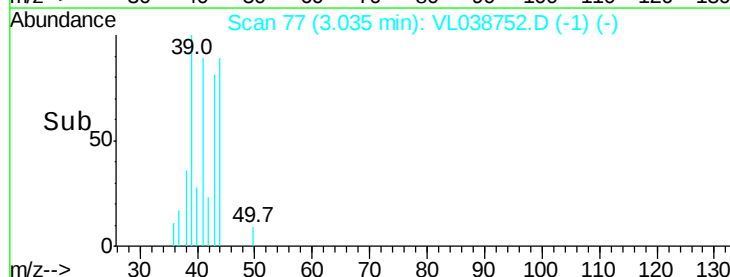


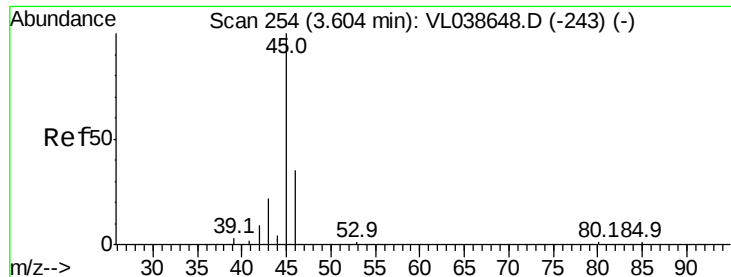
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.03

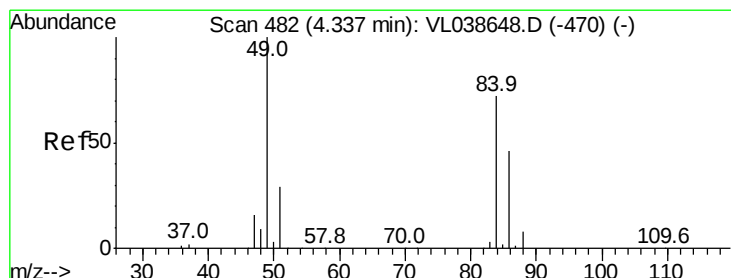
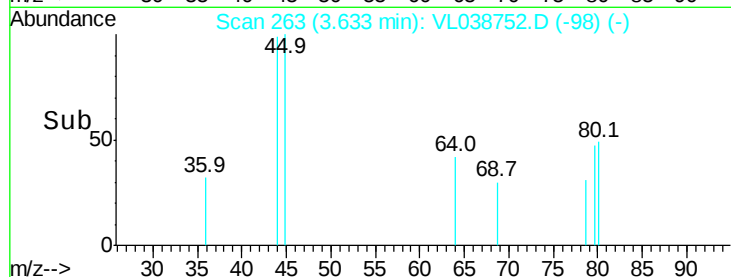
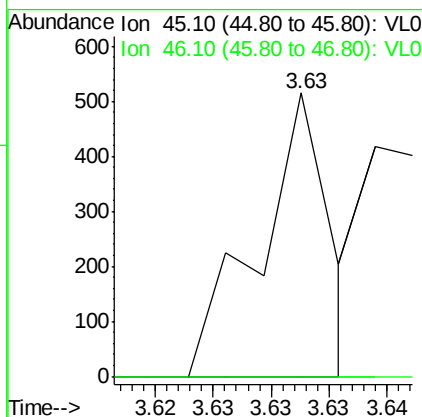
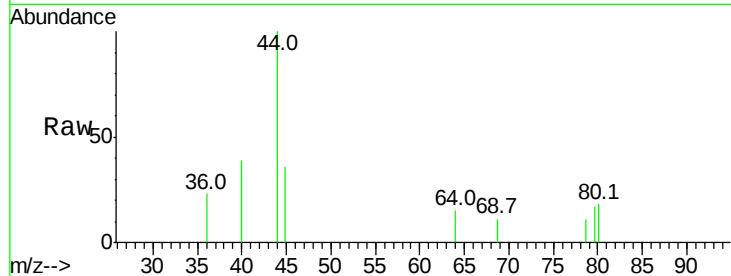
Time-->





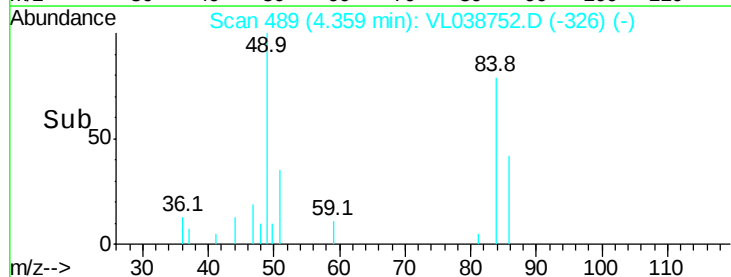
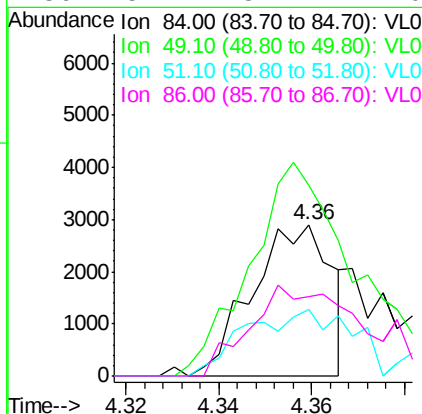
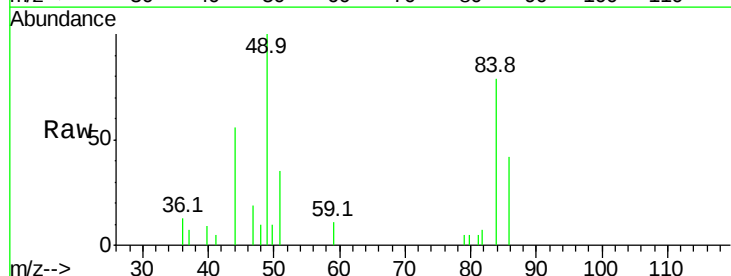
#13
 Ethanol
 Concen: 0.04 ppbv
 RT: 3.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Mar 2022 17:42

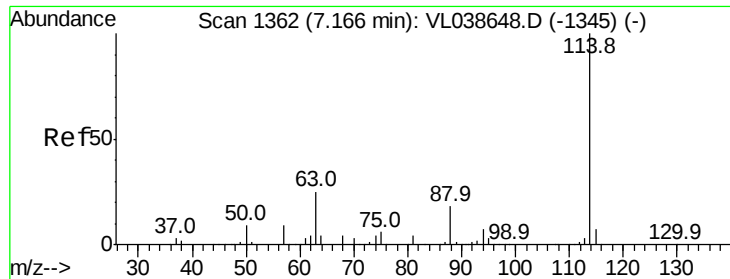
Tgt Ion: 45 Resp: 217
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.1 60.5#



#20
 Methylene Chloride
 Concen: 0.11 ppbv
 RT: 4.36 min Scan# 489
 Delta R.T. 0.02 min
 Lab File: VL038752.D
 Acq: 24 Mar 2022 17:42

Tgt Ion: 84 Resp: 3437
 Ion Ratio Lower Upper
 84 100
 49 132.1 111.2 166.8
 51 44.2 32.8 49.2
 86 52.4 51.4 77.0

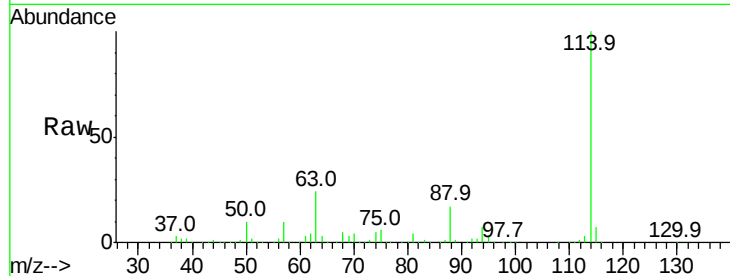




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.19 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 OC032322 CAN 10728
 Acq: 24 Mar 2022 17:42

Tgt Ion: 114 Resp: 2298284

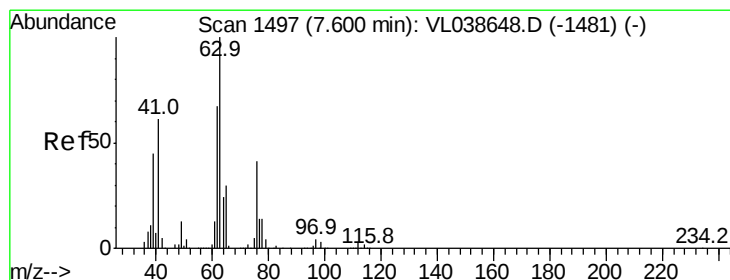
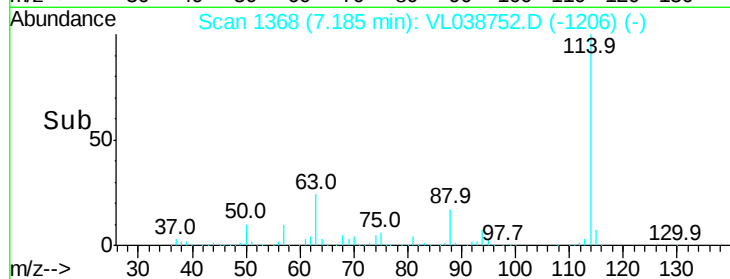
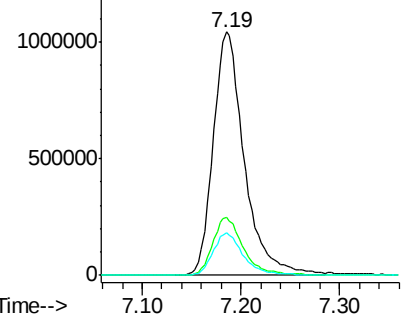
Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.0
88	17.6	13.9	20.9



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

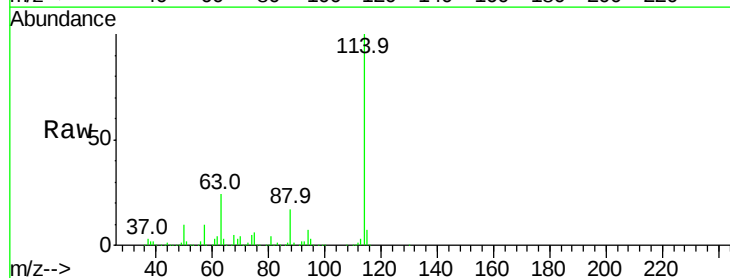
Ion 88.10 (87.80 to 88.80): VL0



#39
 1,2-Dichloropropane
 Concen: 7.67 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T.: -0.41 min
 Lab File: VL038752.D
 Acq: 24 Mar 2022 17:42

Tgt Ion: 63 Resp: 532169

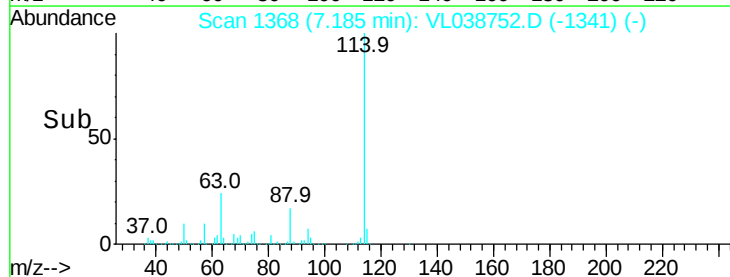
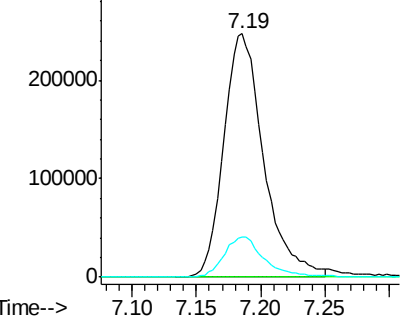
Ion	Ratio	Lower	Upper
63	100		
41	0.1	49.0	73.6#
62	16.7	53.9	80.9#

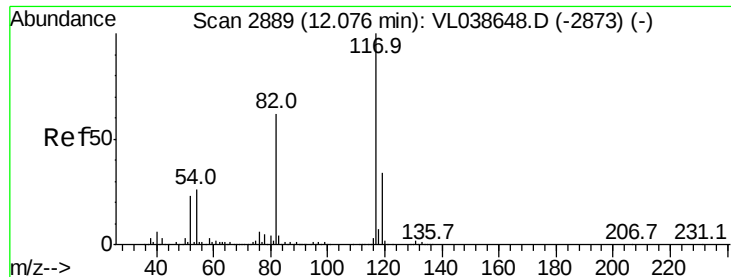


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

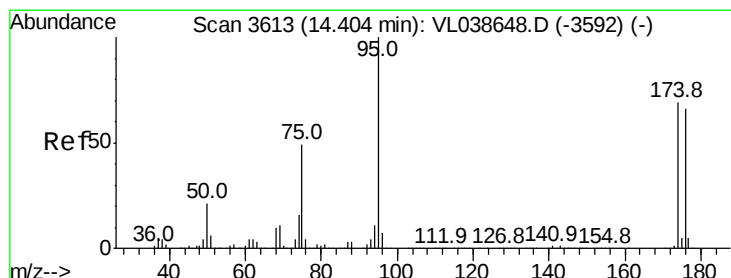
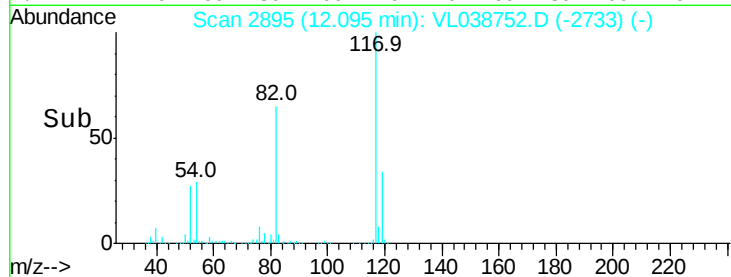
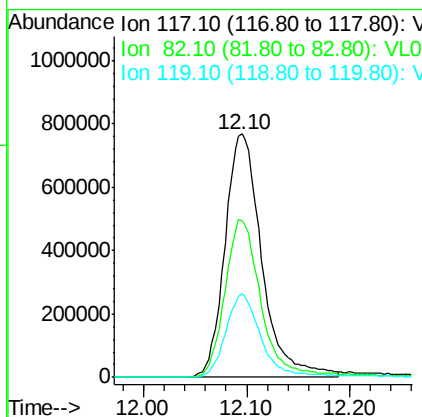
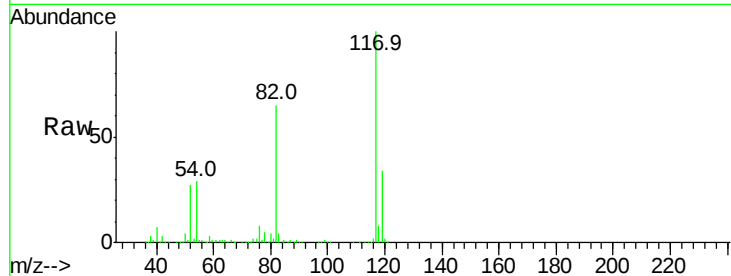
Ion 62.10 (61.80 to 62.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.10 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 OC032322 CAN 10728
 Acq: 24 Mar 2022 17:42

Tgt Ion: 117 Resp: 1913935
 Ion Ratio Lower Upper
 117 100
 82 66.1 51.6 77.4
 119 34.5 26.9 40.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.81 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T.: 0.02 min
 Lab File: VL038752.D
 Acq: 24 Mar 2022 17:42

Tgt Ion: 95 Resp: 1439796
 Ion Ratio Lower Upper
 95 100
 174 71.7 56.1 84.1
 175 5.0 4.2 6.2

