

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032222\
 Data File : VL038685.D
 Acq On : 22 Mar 2022 15:29
 Operator : SY/AP
 Sample : QC032122 CAN 10268
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC032122 CAN 10268

Quant Time: Mar 23 04:13:03 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	5.65	49	855484	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2220117	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1903443	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1382388	9.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.70%

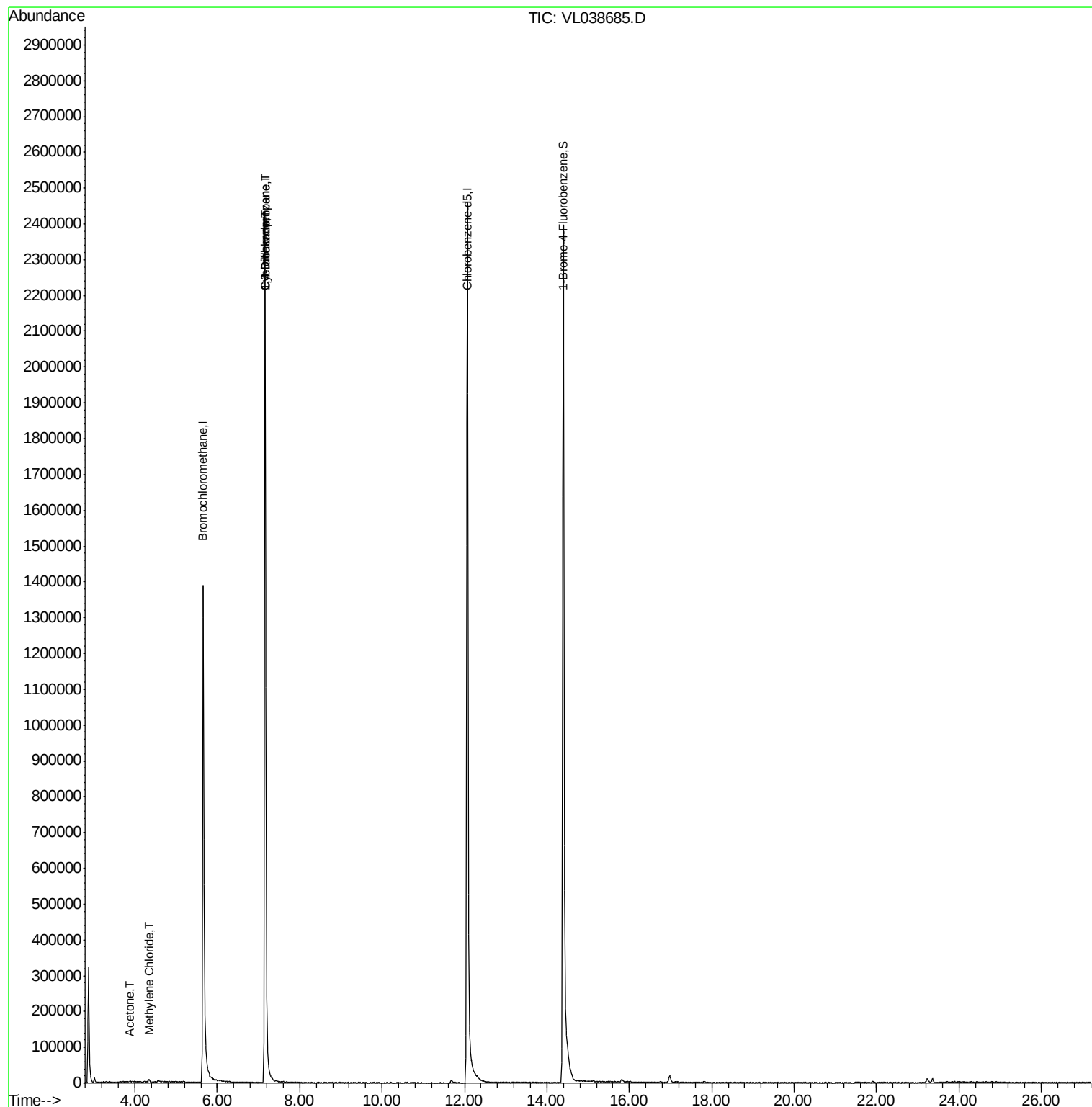
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.87	43	2123	0.03	ppbv #	46
20) Methylene Chloride	4.34	84	2033	0.07	ppbv #	55
30) Cyclohexane	7.15	84	2269	0.03	ppbv #	1
39) 1,2-Dichloropropane	7.16	63	521541	7.79	ppbv #	28

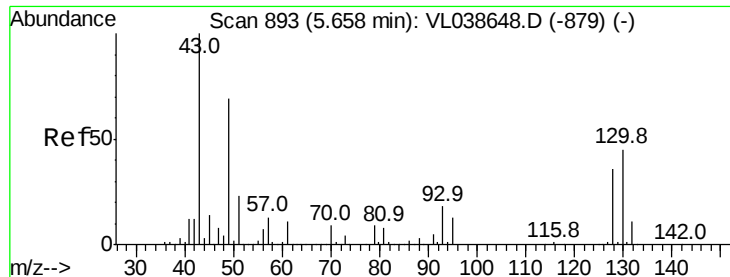
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 21 17:09:26 2022
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Mar 2022 15:29 OC032122 CAN 10268

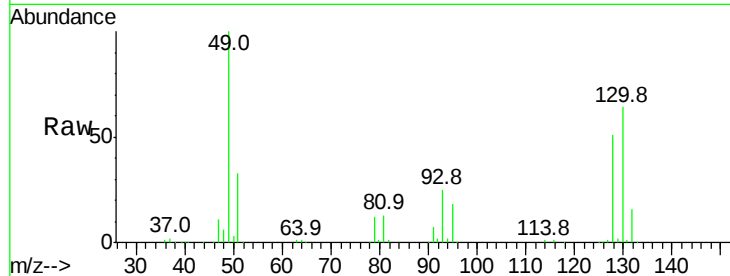
Tgt Ion: 49 Resp: 855484

Ion Ratio Lower Upper

49 100

128 53.7 26.2 78.6

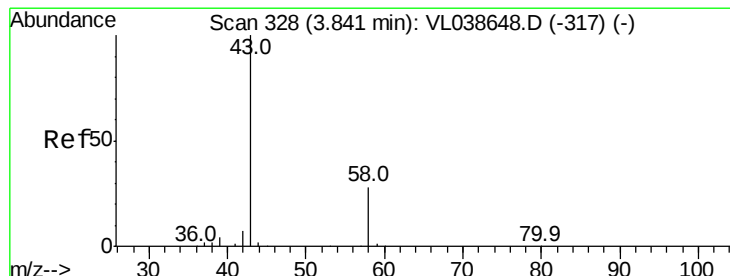
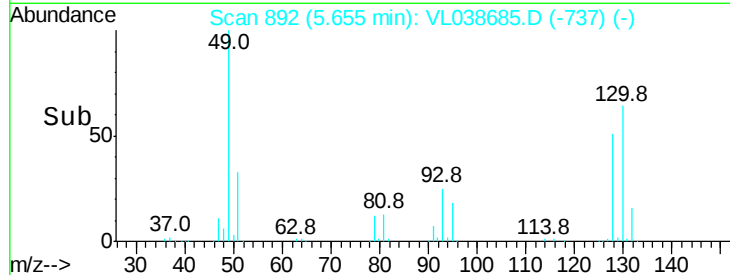
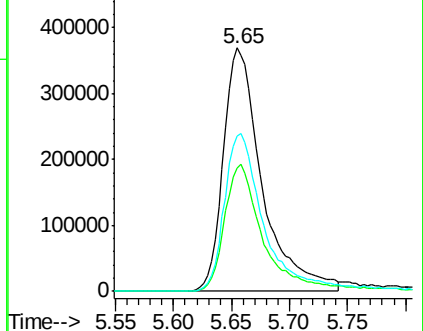
130 68.6 33.7 101.1



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



#15

Acetone

Concen: 0.03 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.03 min

Lab File: VL038685.D

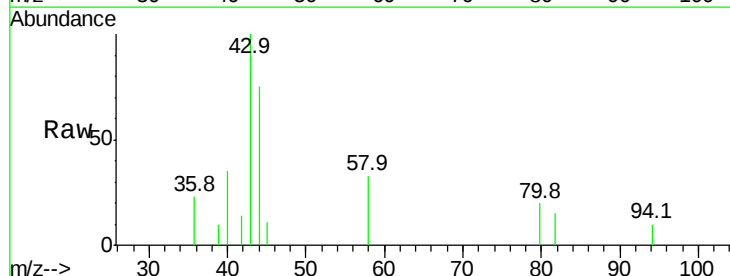
Acq: 22 Mar 2022 15:29

Tgt Ion: 43 Resp: 2123

Ion Ratio Lower Upper

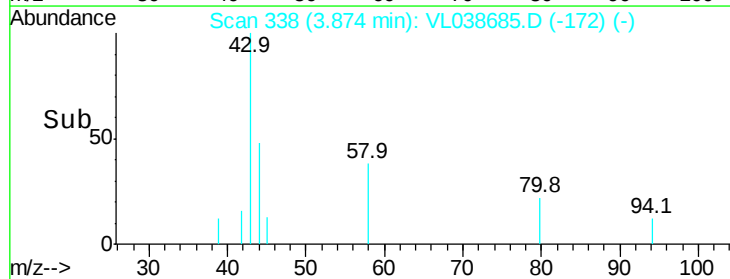
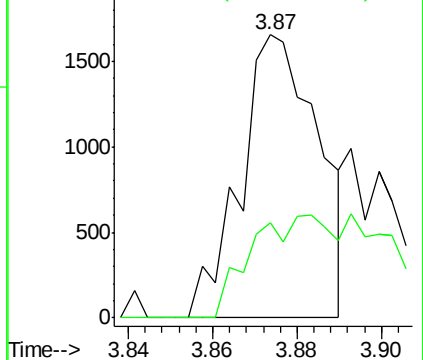
43 100

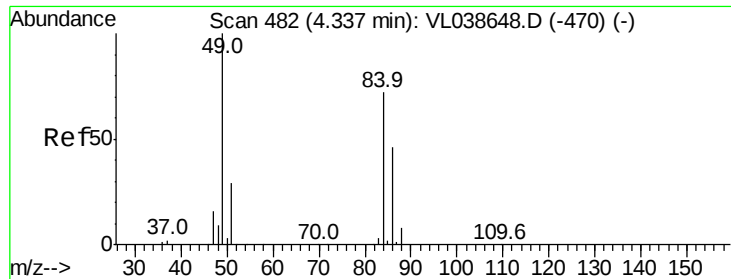
58 0.0 23.3 34.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

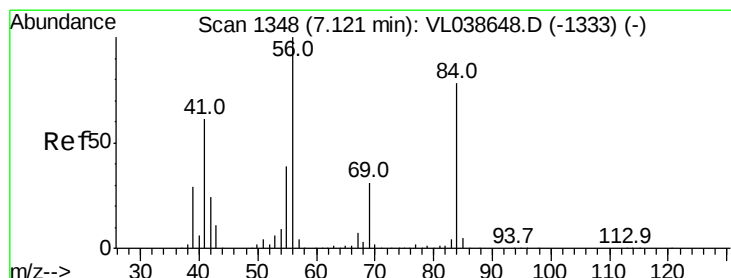
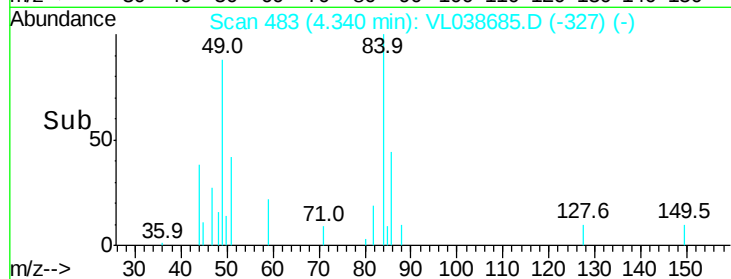
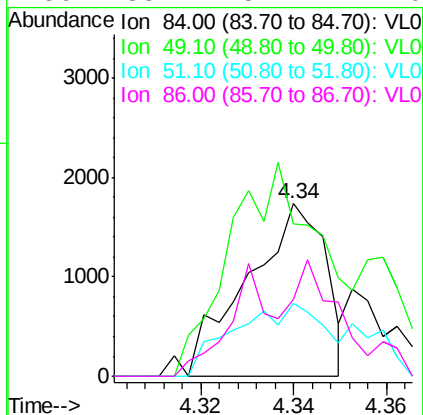
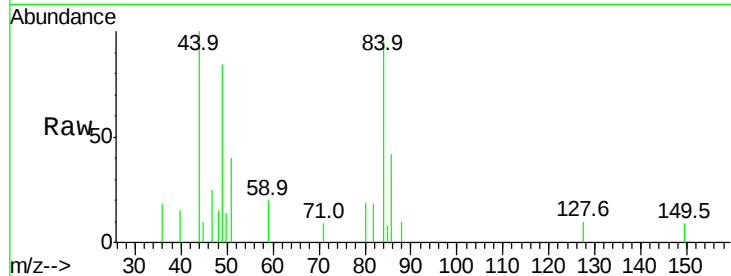
Ion 58.10 (57.80 to 58.80): VL0





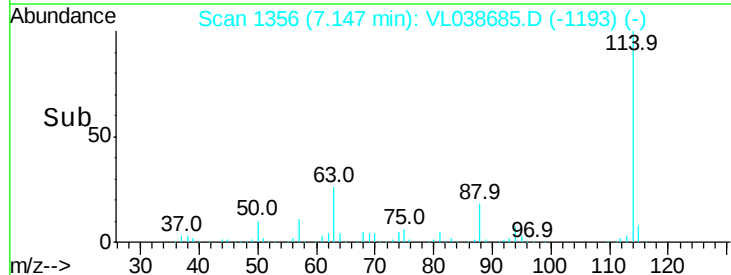
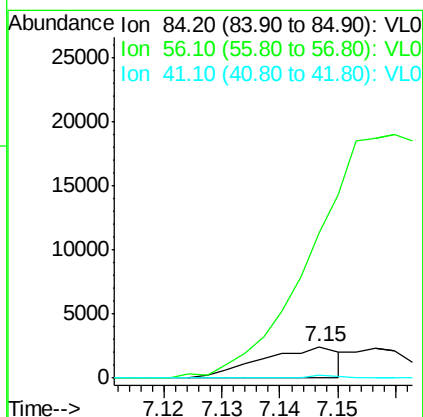
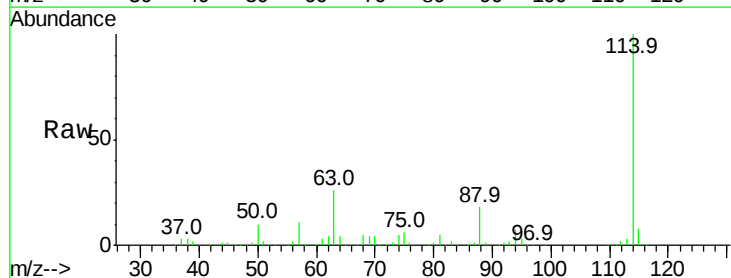
#20
Methylene Chloride
Concen: 0.07 ppbv
RT: 4.34 Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 22 Mar 2022 15:29 OC032122 CAN 10268

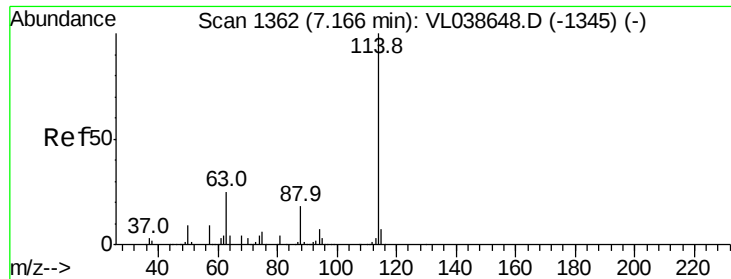
Tgt Ion: 84 Resp: 2033
Ion Ratio Lower Upper
84 100
49 64.1 111.2 166.8#
51 42.1 32.8 49.2
86 35.4 51.4 77.0#



#30
Cyclohexane
Concen: 0.03 ppbv
RT: 7.15 min Scan# 1356
Delta R.T.: 0.03 min
Lab File: VL038685.D
Acq: 22 Mar 2022 15:29

Tgt Ion: 84 Resp: 2269
Ion Ratio Lower Upper
84 100
56 0.0 108.2 162.4#
41 3.5 61.8 92.6#

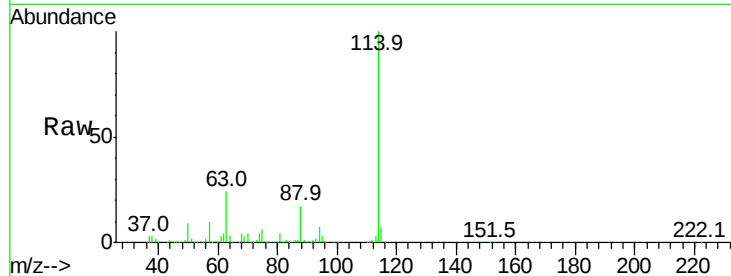




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 OC032122 CAN 10268
 Acq: 22 Mar 2022 15:29

Tgt Ion: 114 Resp: 2220117

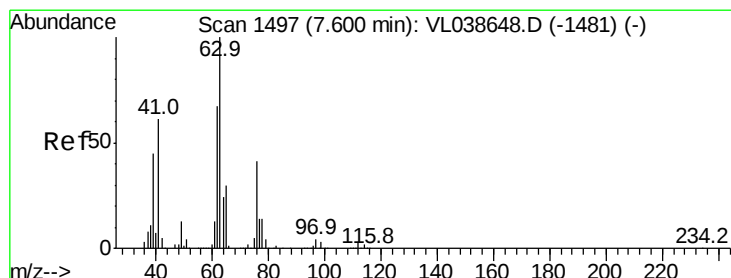
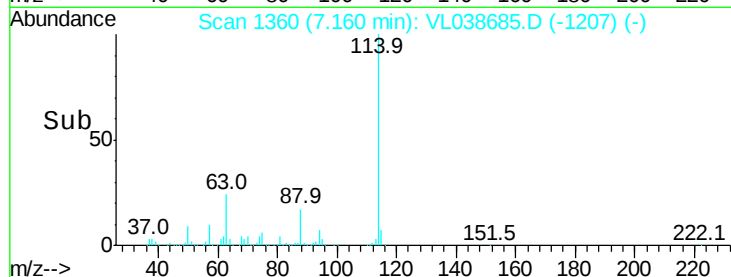
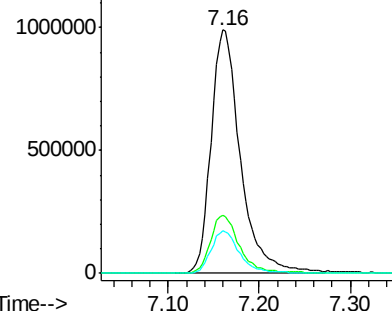
Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.4	29.0
88	17.3	13.9	20.9



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

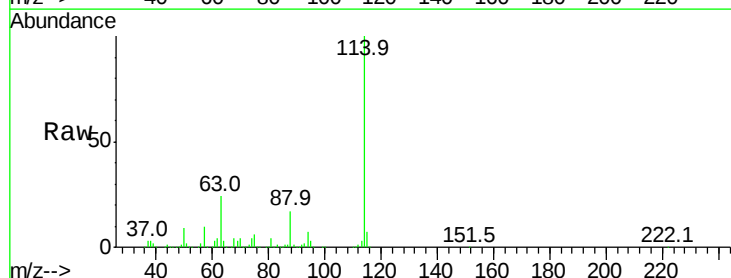
Ion 88.10 (87.80 to 88.80): VL0



#39
 1,2-Dichloropropane
 Concen: 7.79 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.44 min
 Lab File: VL038685.D
 Acq: 22 Mar 2022 15:29

Tgt Ion: 63 Resp: 521541

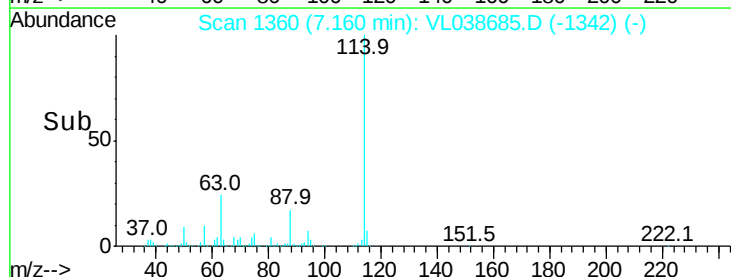
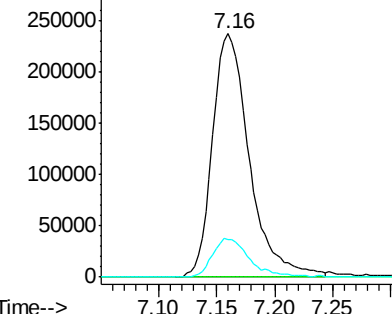
Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.0	73.6#
62	15.4	53.9	80.9#

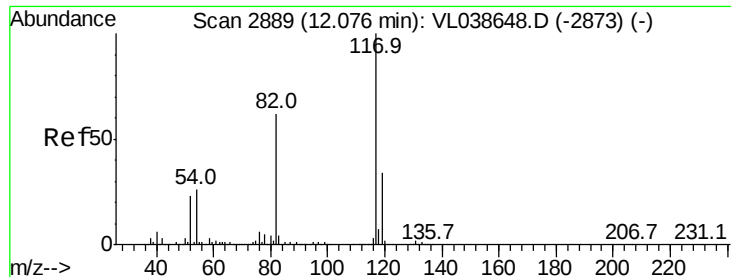


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

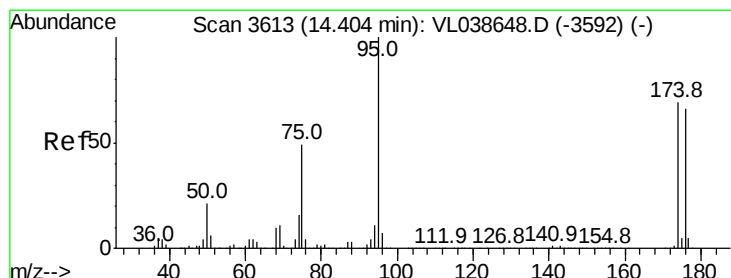
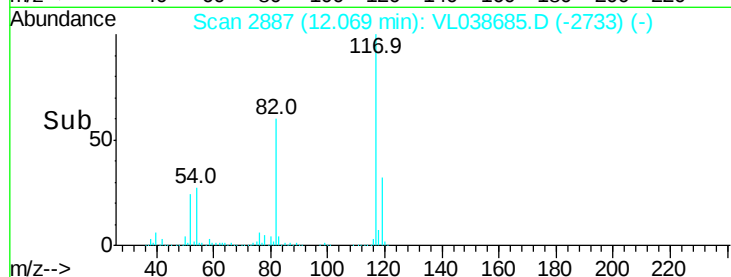
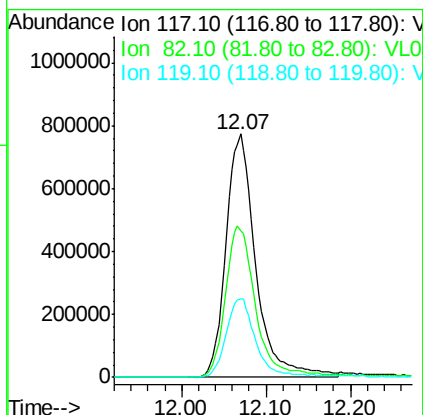
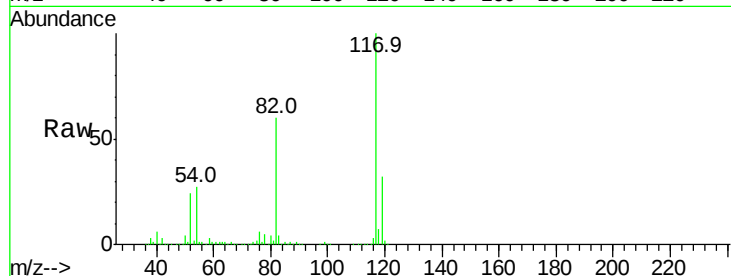




#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 OC032122 CAN 10268
 Acq: 22 Mar 2022 15:29

Tgt Ion: 117 Resp: 1903443

Ion	Ratio	Lower	Upper
117	100		
82	64.3	51.6	77.4
119	33.6	26.9	40.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.47 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T.: -0.01 min
 Lab File: VL038685.D
 Acq: 22 Mar 2022 15:29

Tgt Ion: 95 Resp: 1382388

Ion	Ratio	Lower	Upper
95	100		
174	72.5	56.1	84.1
175	5.2	4.2	6.2

