

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038301.D
 Acq On : 27 Jan 2022 18:03
 Operator : SY/AP
 Sample : QC012622 CAN 10718
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC012622 CAN 10718

Quant Time: Jan 28 05:13:53 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	783321	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2147100	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	1766692	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1338611	9.98	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

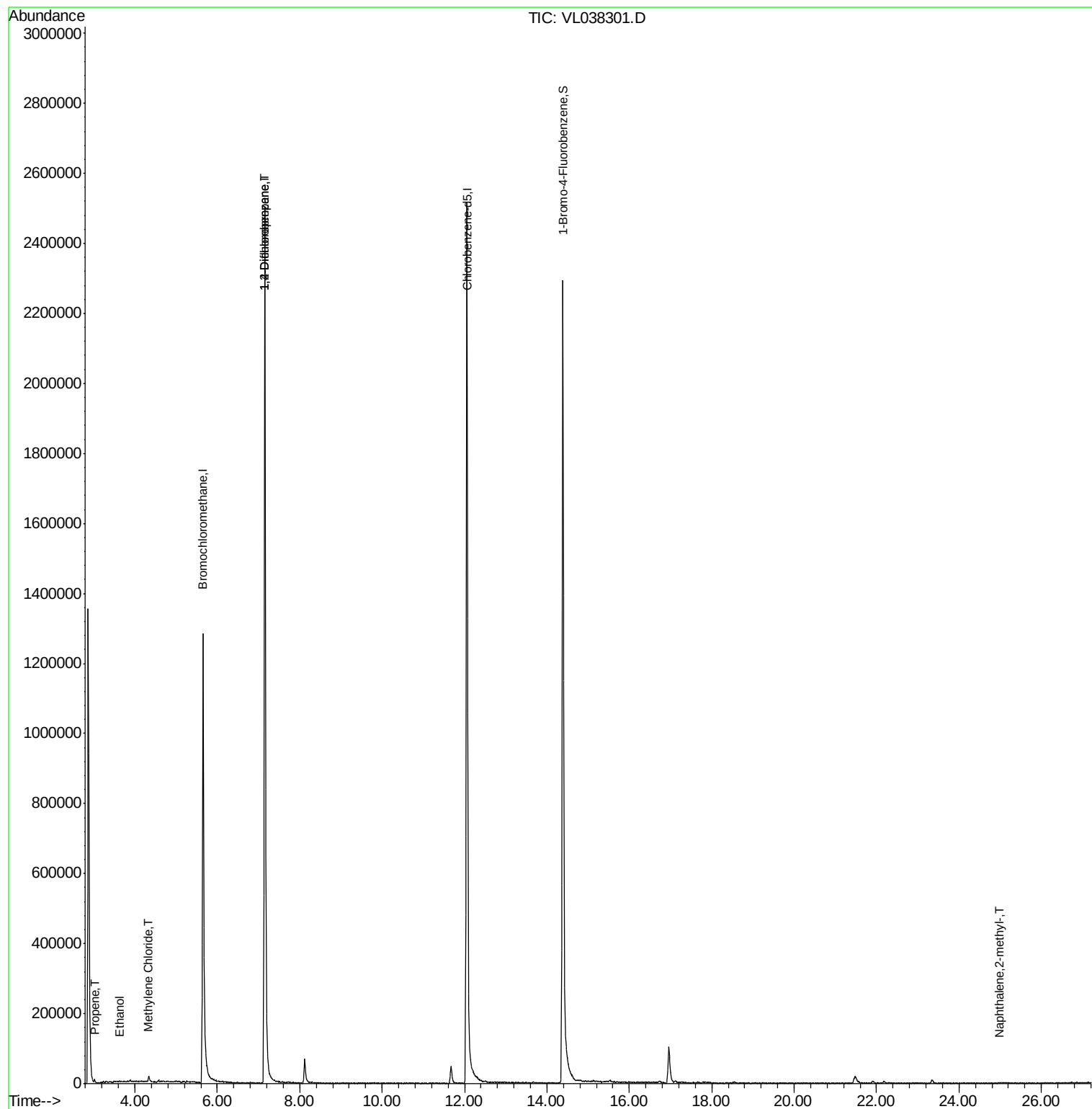
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	2598	0.051	ppbv	86
13) Ethanol	3.62	45	351	0.064	ppbv #	1
20) Methylene Chloride	4.33	84	4039	0.101	ppbv #	65
39) 1,2-Dichloropropane	7.15	63	564973	7.337	ppbv #	26
80) Naphthalene,2-methyl-	24.98	142	1480	0.143	ppbv #	66

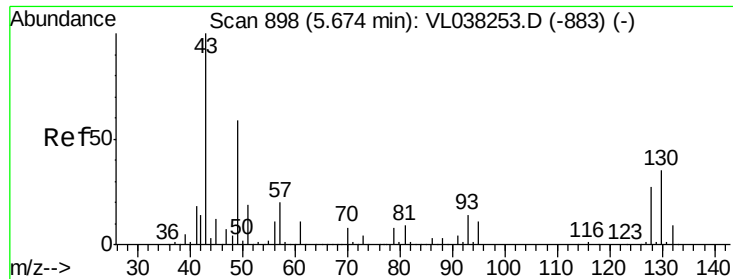
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC012622 CAN 10718

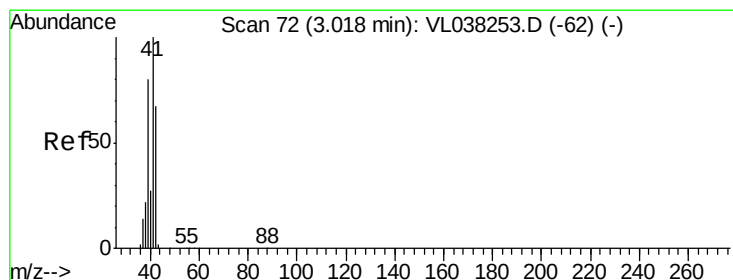
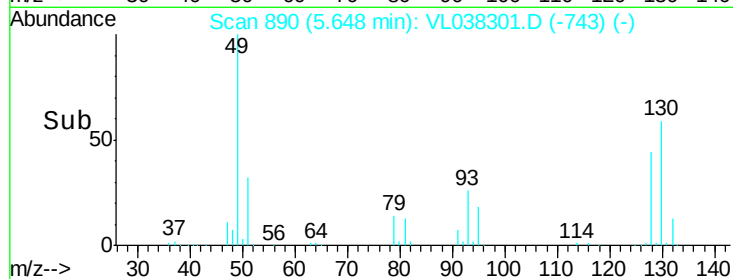
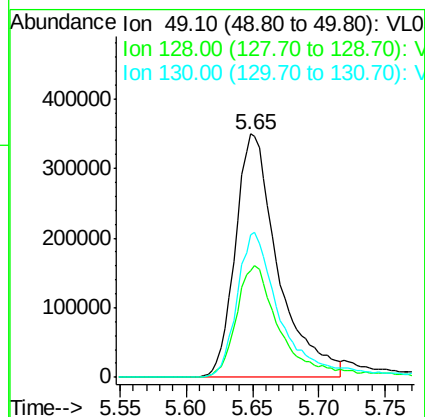
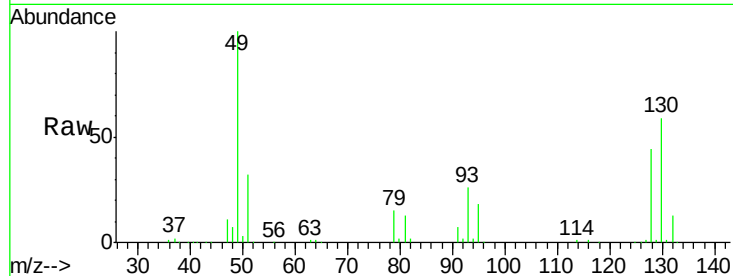
Quant Time: Jan 28 05:13:53 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





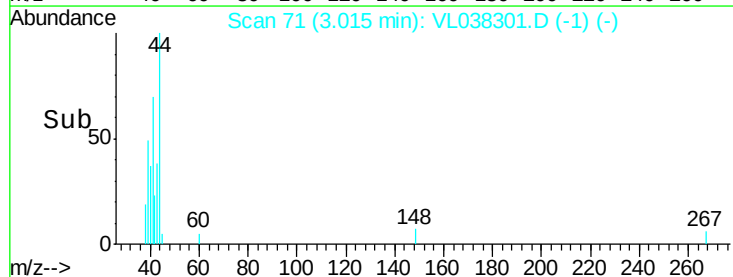
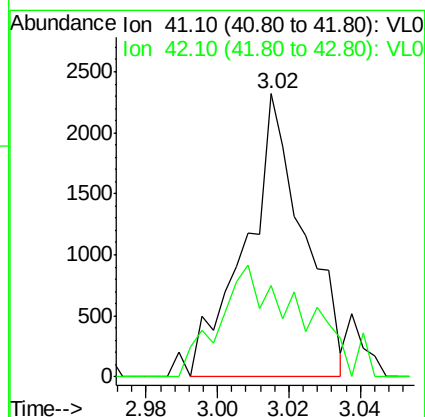
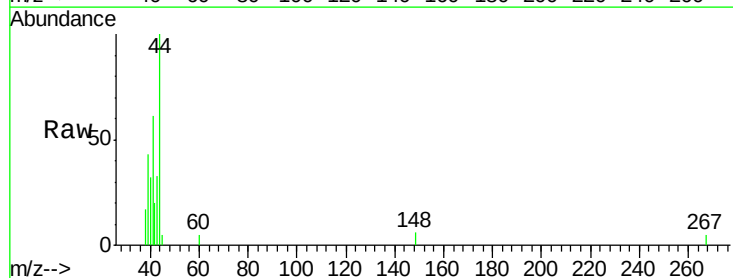
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Jan 2022 18:03

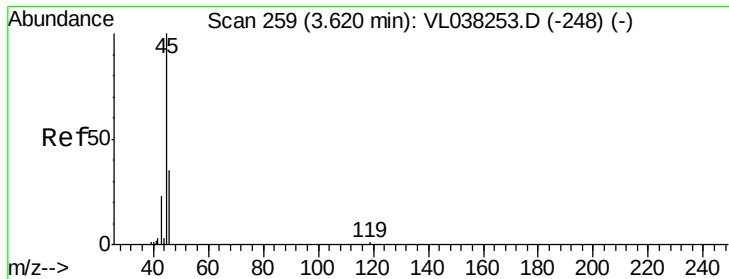
Tgt Ion: 49 Resp: 783321
 Ion Ratio Lower Upper
 49 100
 128 50.0 24.5 73.5
 130 64.0 30.1 90.5



#9
 Propene
 Concen: 0.051 ppbv
 RT: 3.02 min Scan# 71
 Delta R.T.: -0.00 min
 Lab File: VL038301.D
 Acq: 27 Jan 2022 18:03

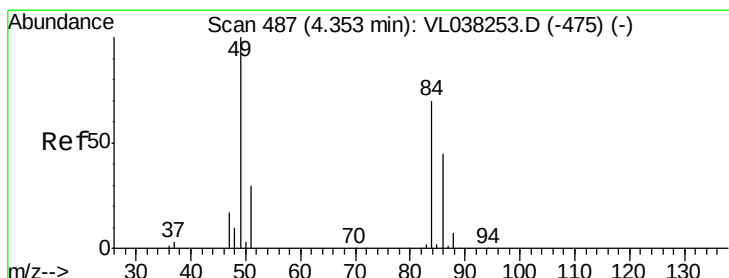
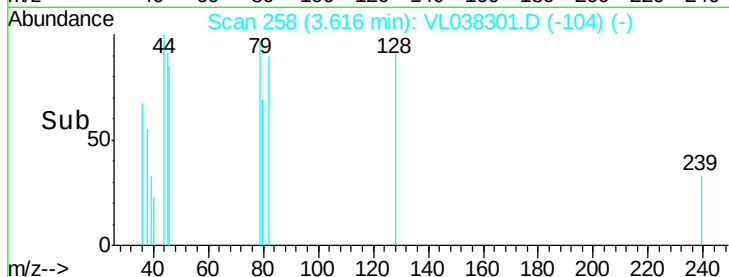
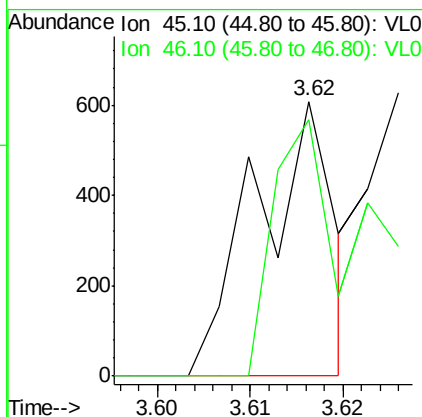
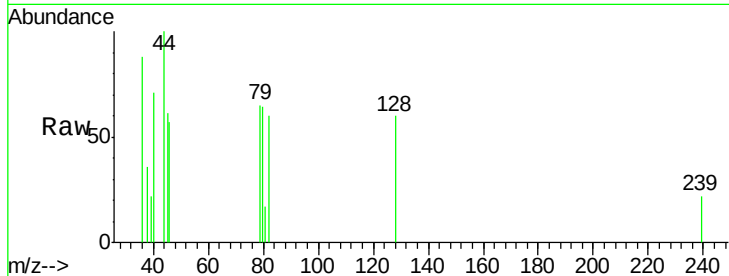
Tgt Ion: 41 Resp: 2598
 Ion Ratio Lower Upper
 41 100
 42 56.9 54.9 82.3





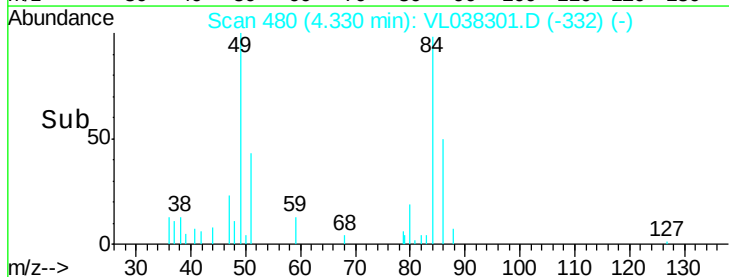
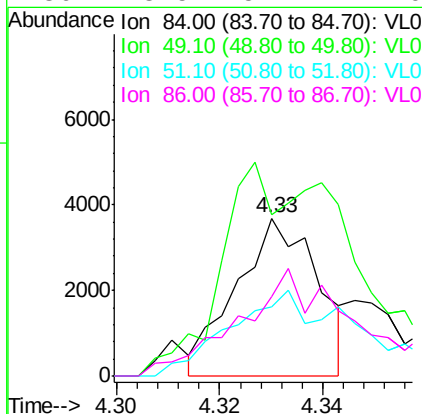
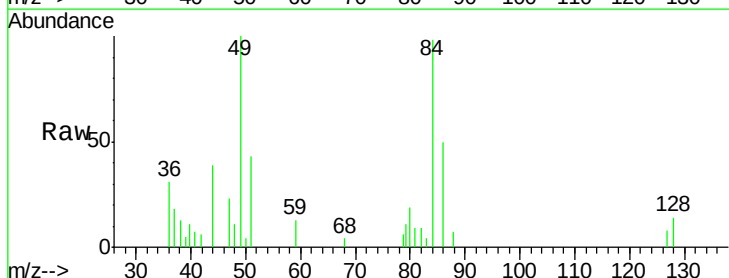
#13
Ethanol
Concen: 0.064 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Jan 2022 18:03
OC012622 CAN 10718

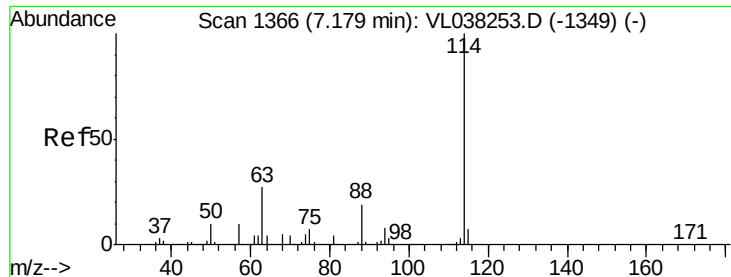
Tgt Ion: 45 Resp: 351
Ion Ratio Lower Upper
45 100
46 111.4 15.4 61.6#



#20
Methylene Chloride
Concen: 0.101 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.02 min
Lab File: VL038301.D
Acq: 27 Jan 2022 18:03

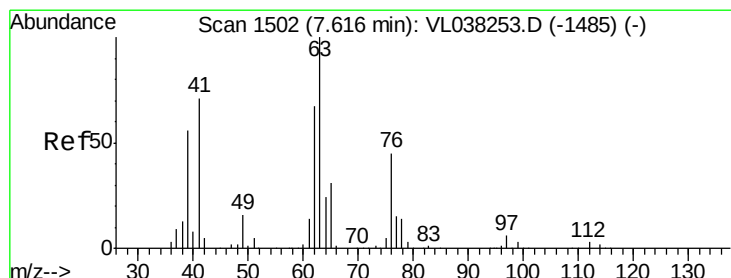
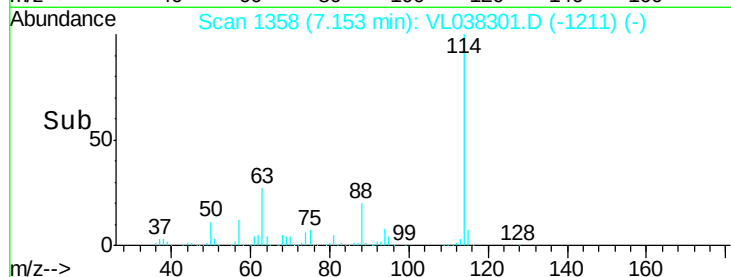
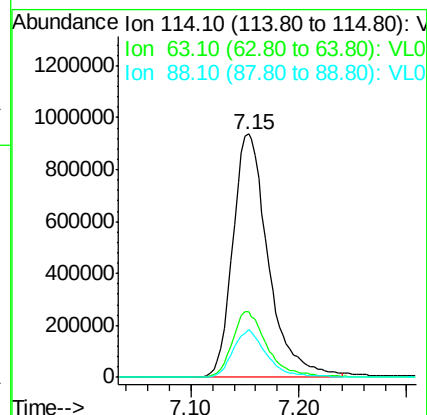
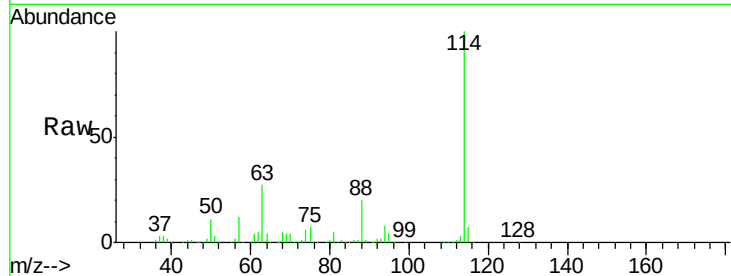
Tgt Ion: 84 Resp: 4039
Ion Ratio Lower Upper
84 100
49 85.6 115.0 172.6#
51 38.9 35.0 52.6
86 43.5 51.4 77.0#





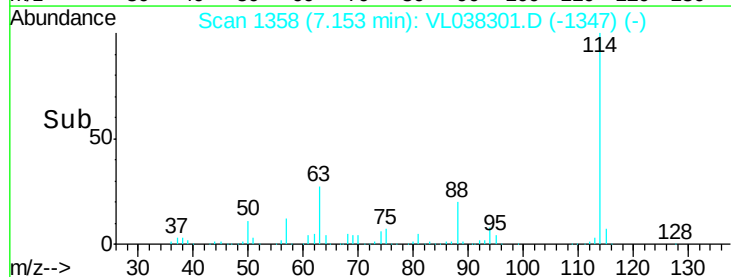
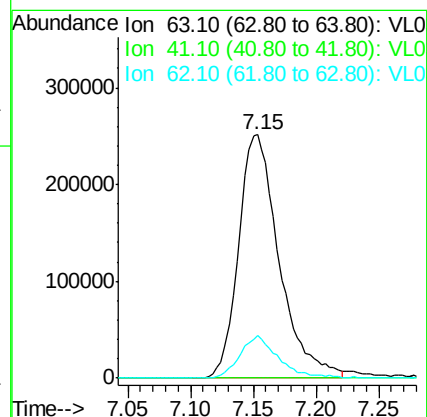
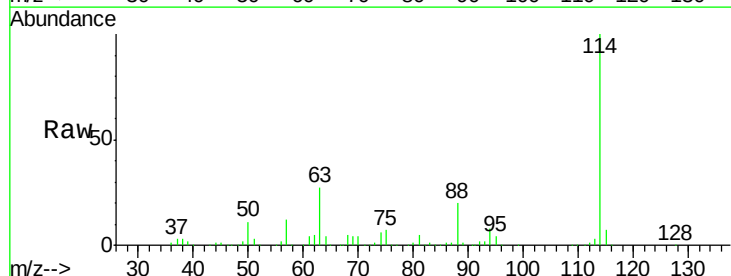
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Jan 2022 18:03

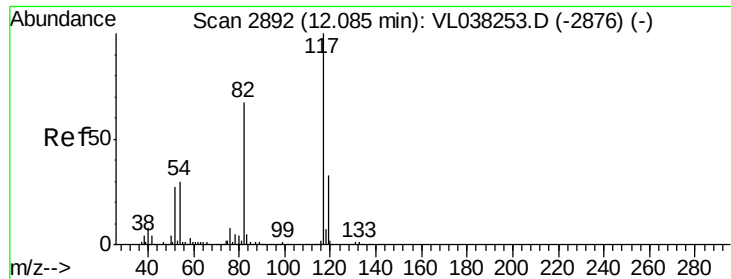
Tgt Ion: 114 Resp: 2147100
 Ion Ratio Lower Upper
 114 100
 63 27.2 22.0 33.0
 88 19.0 15.0 22.6



#39
 1,2-Dichloropropane
 Concen: 7.337 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.46 min
 Lab File: VL038301.D
 Acq: 27 Jan 2022 18:03

Tgt Ion: 63 Resp: 564973
 Ion Ratio Lower Upper
 63 100
 41 0.0 56.6 85.0#
 62 17.4 53.9 80.9#

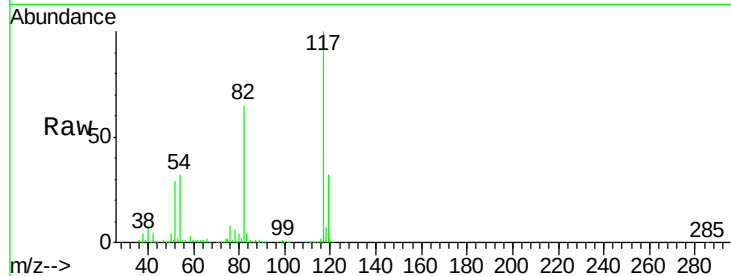




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 OC012622 CAN 10718
 Acq: 27 Jan 2022 18:03

Tgt Ion: 117 Resp: 1766692

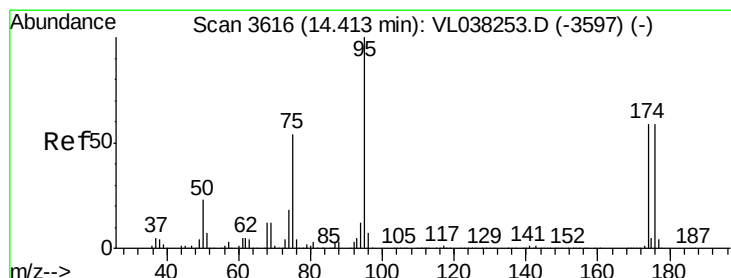
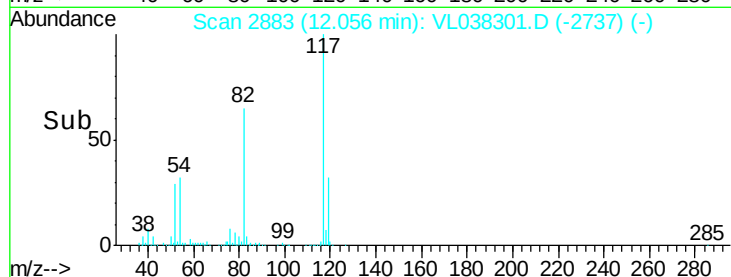
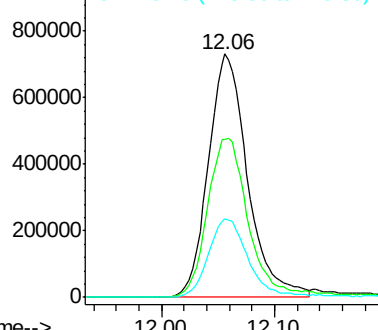
Ion	Ratio	Lower	Upper
117	100		
82	71.2	54.4	81.6
119	34.2	45.9	68.9



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

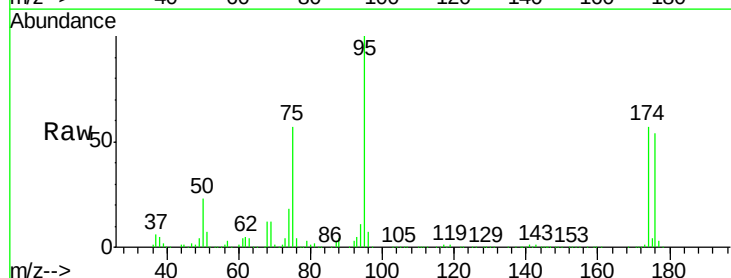
Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.983 ppbv
 RT: 14.38 min Scan# 3607
 Delta R.T.: -0.03 min
 Lab File: VL038301.D
 Acq: 27 Jan 2022 18:03

Tgt Ion: 95 Resp: 1338611

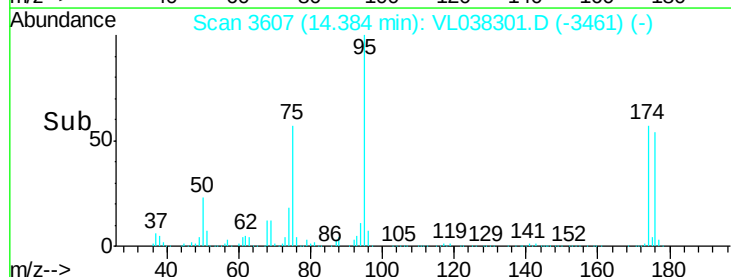
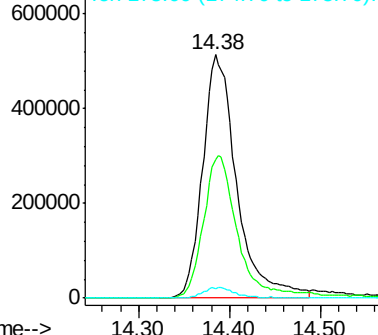
Ion	Ratio	Lower	Upper
95	100		
174	61.4	48.3	72.5
175	4.5	3.5	5.3

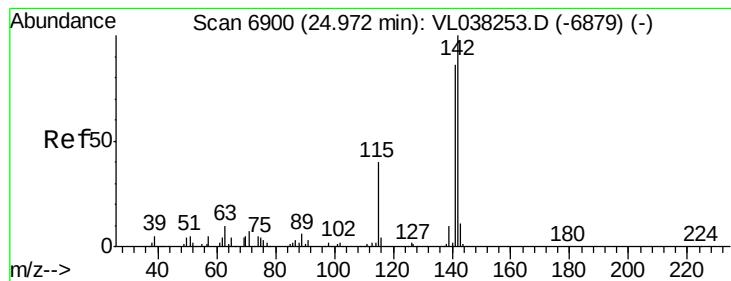


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#80
 Naphthalene, 2-methyl-
 Concen: 0.143 ppbv
 RT: 24.98
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 OC012622 CAN 10718
 Acq: 27 Jan 2022 18:05

Tgt Ion: 142 Resp: 1480
 Ion Ratio Lower Upper
 142 100
 141 59.5 70.2 105.4#
 115 13.2 31.8 47.6#

