

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
 Data File : VL038264.D
 Acq On : 24 Jan 2022 17:50
 Operator : SY/AP
 Sample : QC011322 CAN 10609
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC011322 CAN 10609

Quant Time: Jan 24 22:04:53 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	5.67	49	830276	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2191350	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1752145	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1355915	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

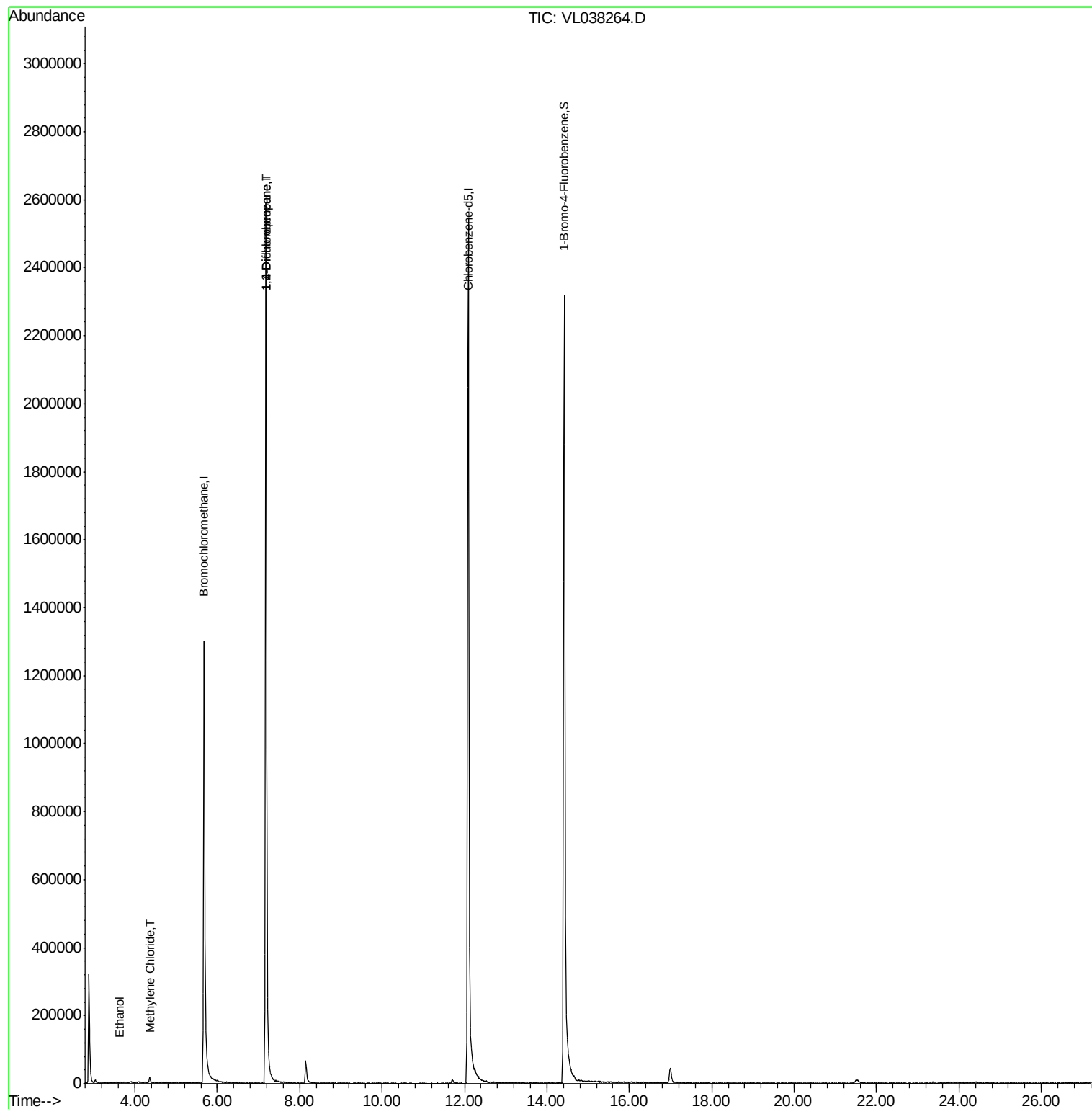
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.63	45	213	0.037	ppbv #	37
20) Methylene Chloride	4.35	84	3491	0.082	ppbv #	69
39) 1,2-Dichloropropane	7.18	63	586319	7.461	ppbv #	26

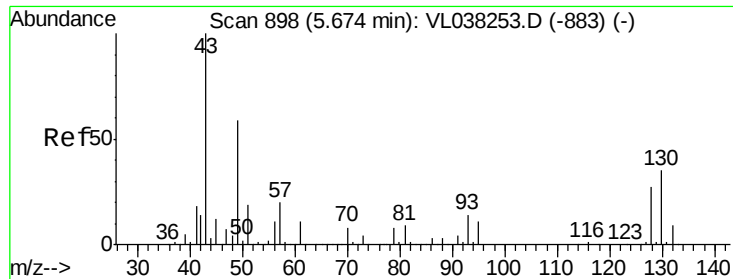
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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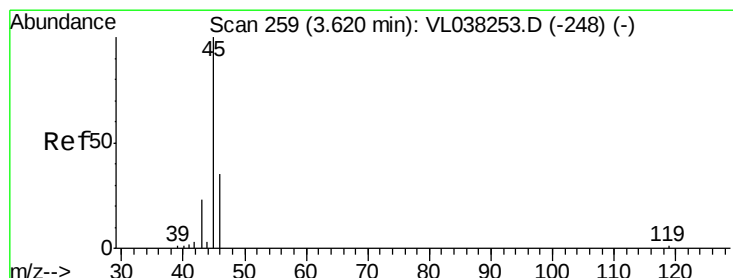
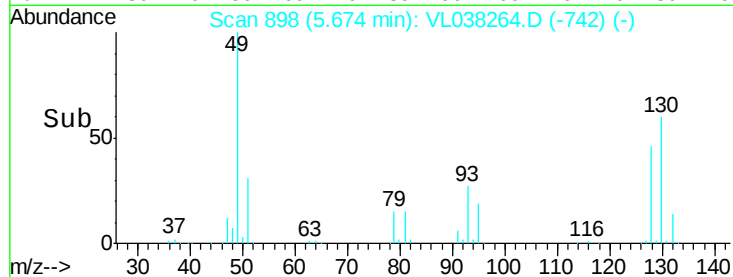
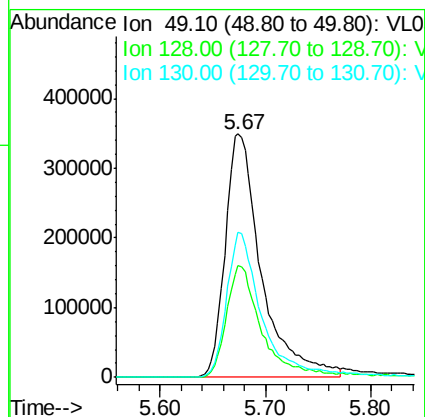
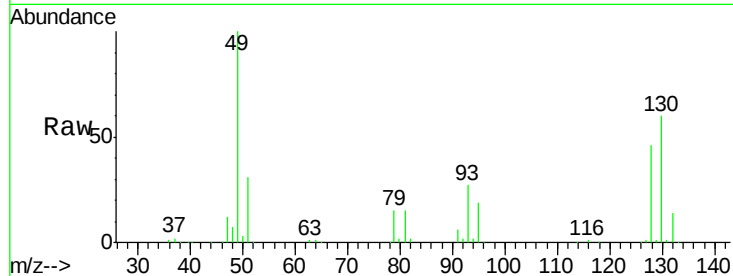
Quant Time: Jan 24 22:04:53 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
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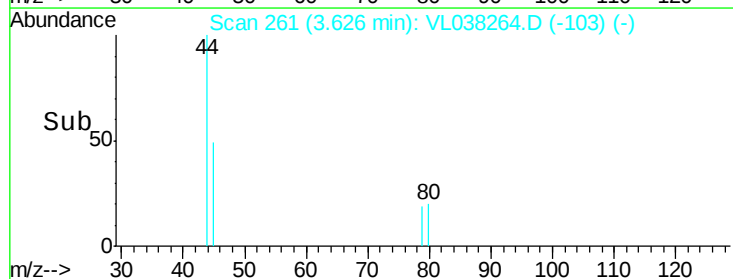
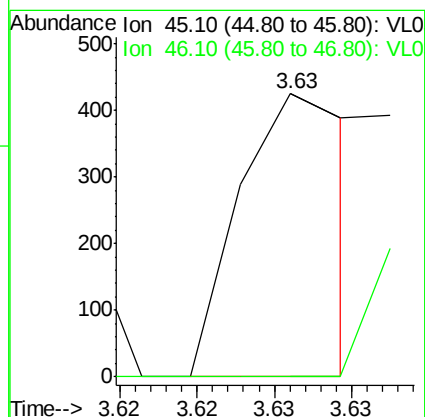
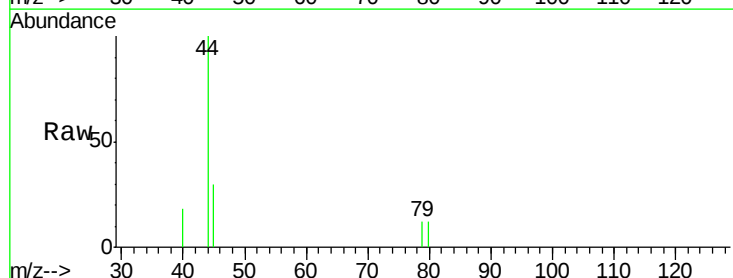
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 QC011322 CAN 10609
 Acq: 24 Jan 2022 17:50

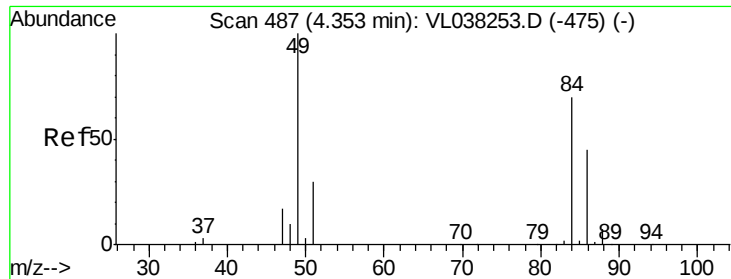
Tgt Ion: 49 Resp: 830276
 Ion Ratio Lower Upper
 49 100
 128 46.9 24.5 73.5
 130 59.5 30.1 90.5



#13
 Ethanol
 Concen: 0.037 ppbv
 RT: 3.63 min Scan# 261
 Delta R.T.: 0.01 min
 Lab File: VL038264.D
 Acq: 24 Jan 2022 17:50

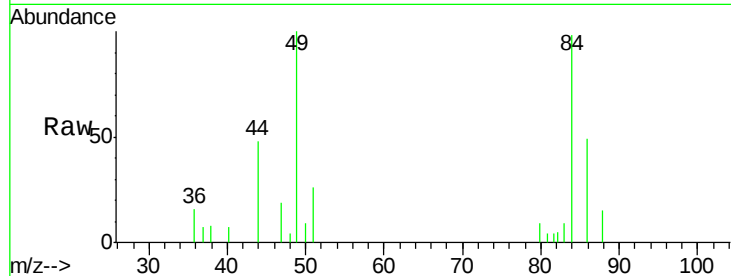
Tgt Ion: 45 Resp: 213
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.4 61.6#





#20
Methylene Chloride
Concen: 0.082 ppbv
RT: 4.35
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
QC011322 CAN 10609
Acq: 24 Jan 2022 17:50

Tgt Ion: 84 Resp: 3491
Ion Ratio Lower Upper
84 100
49 97.2 115.0 172.6#
51 27.0 35.0 52.6#
86 50.2 51.4 77.0#



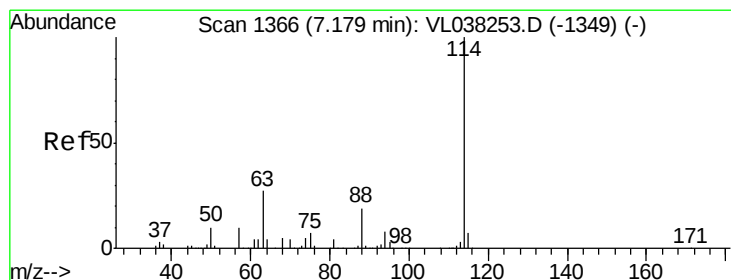
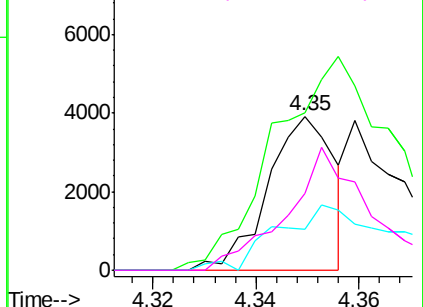
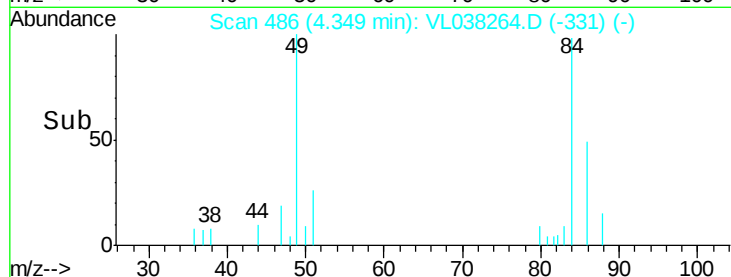
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

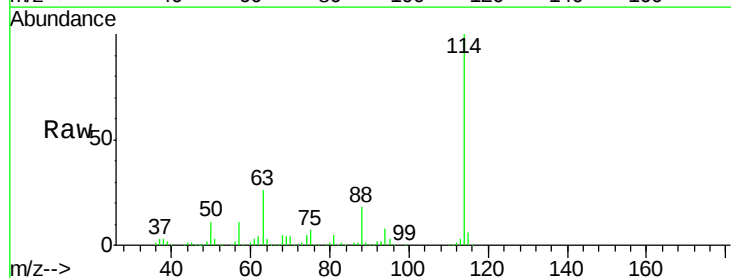
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VL038264.D
Acq: 24 Jan 2022 17:50

Tgt Ion: 114 Resp: 2191350
Ion Ratio Lower Upper
114 100
63 27.3 22.0 33.0
88 18.9 15.0 22.6

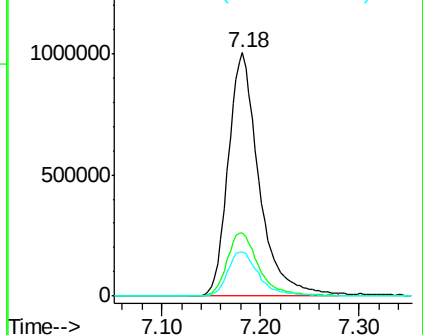
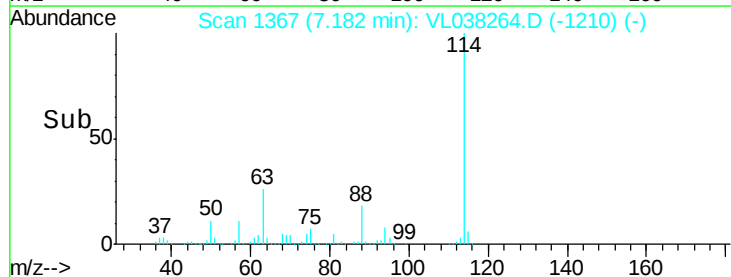


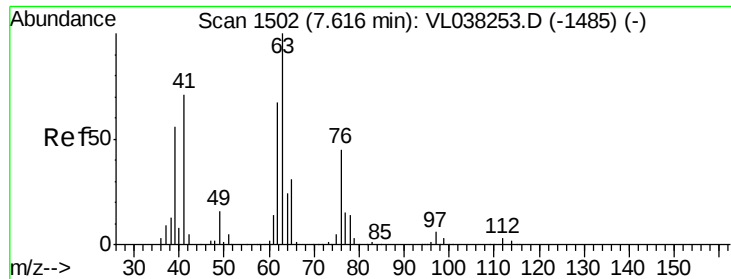
Abundance

Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

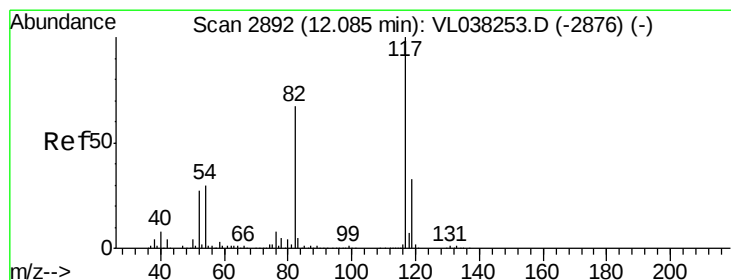
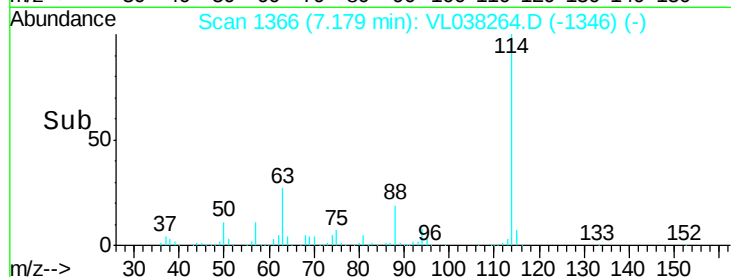
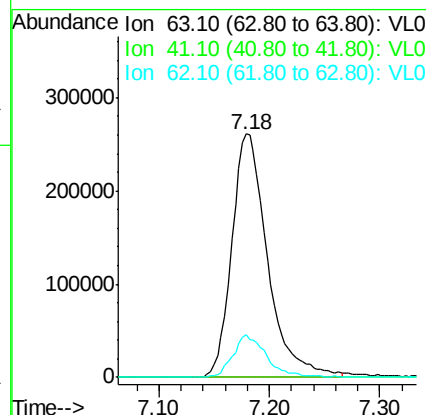
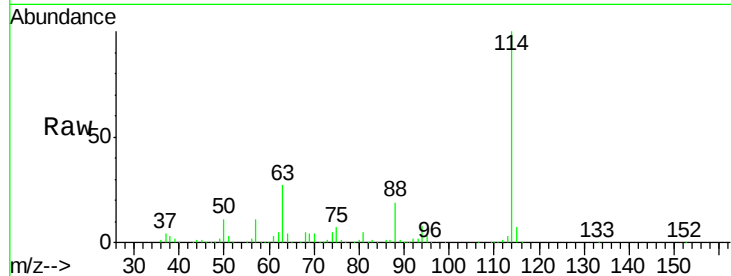
Ion 88.10 (87.80 to 88.80): VL0





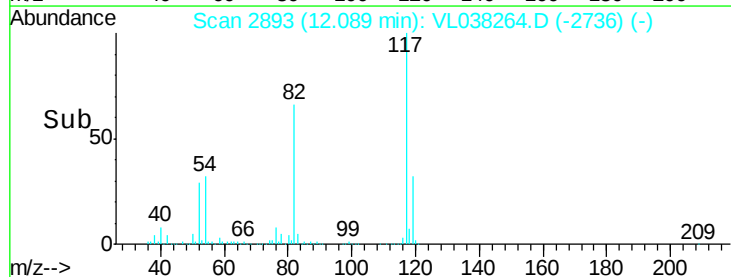
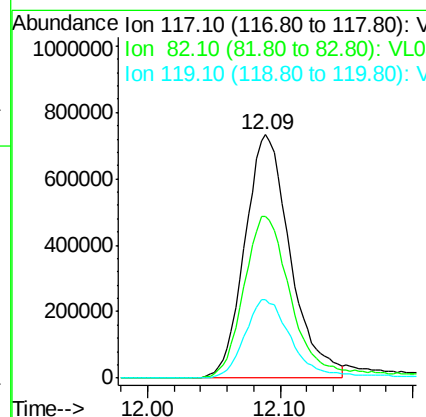
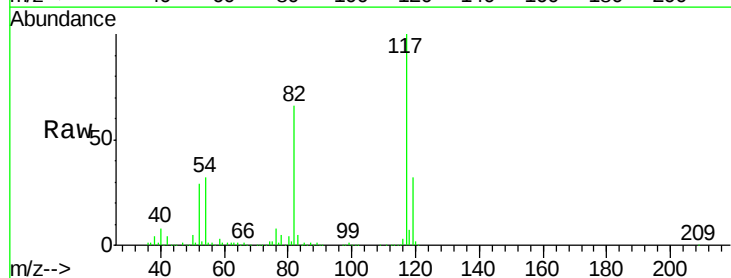
#39
 1,2-Dichloropropane
 Concen: 7.461 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 OC011322 CAN 10609
 Acq: 24 Jan 2022 17:50

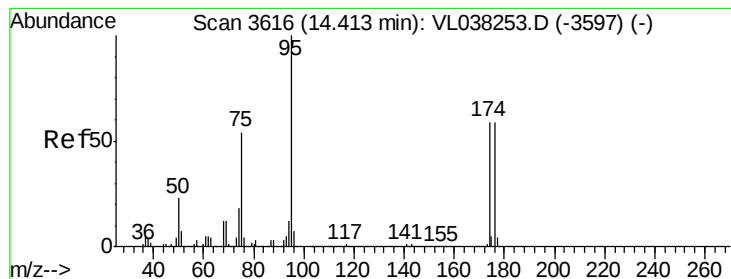
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	17.8	53.9	80.9#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. 0.00 min
 Lab File: VL038264.D
 Acq: 24 Jan 2022 17:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	73.8	54.4	81.6
119	34.5	45.9	68.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.196 ppbv

RT: 14.42 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 17:50 QC011322 CAN 10609

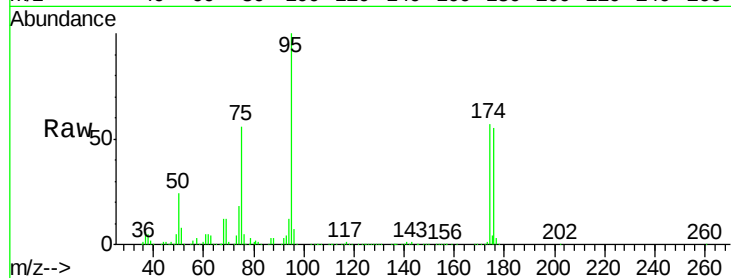
Tgt Ion: 95 Resp: 1355915

Ion Ratio Lower Upper

95 100

174 61.4 48.3 72.5

175 4.2 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

