

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071222\
 Data File : VL039459.D
 Acq On : 12 Jul 2022 22:24
 Operator : SY/AP
 Sample : QC062 CAN 10154
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062 CAN 10154

Quant Time: Jul 13 01:40:09 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1485820	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4049561	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3656597	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2735057	10.08	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

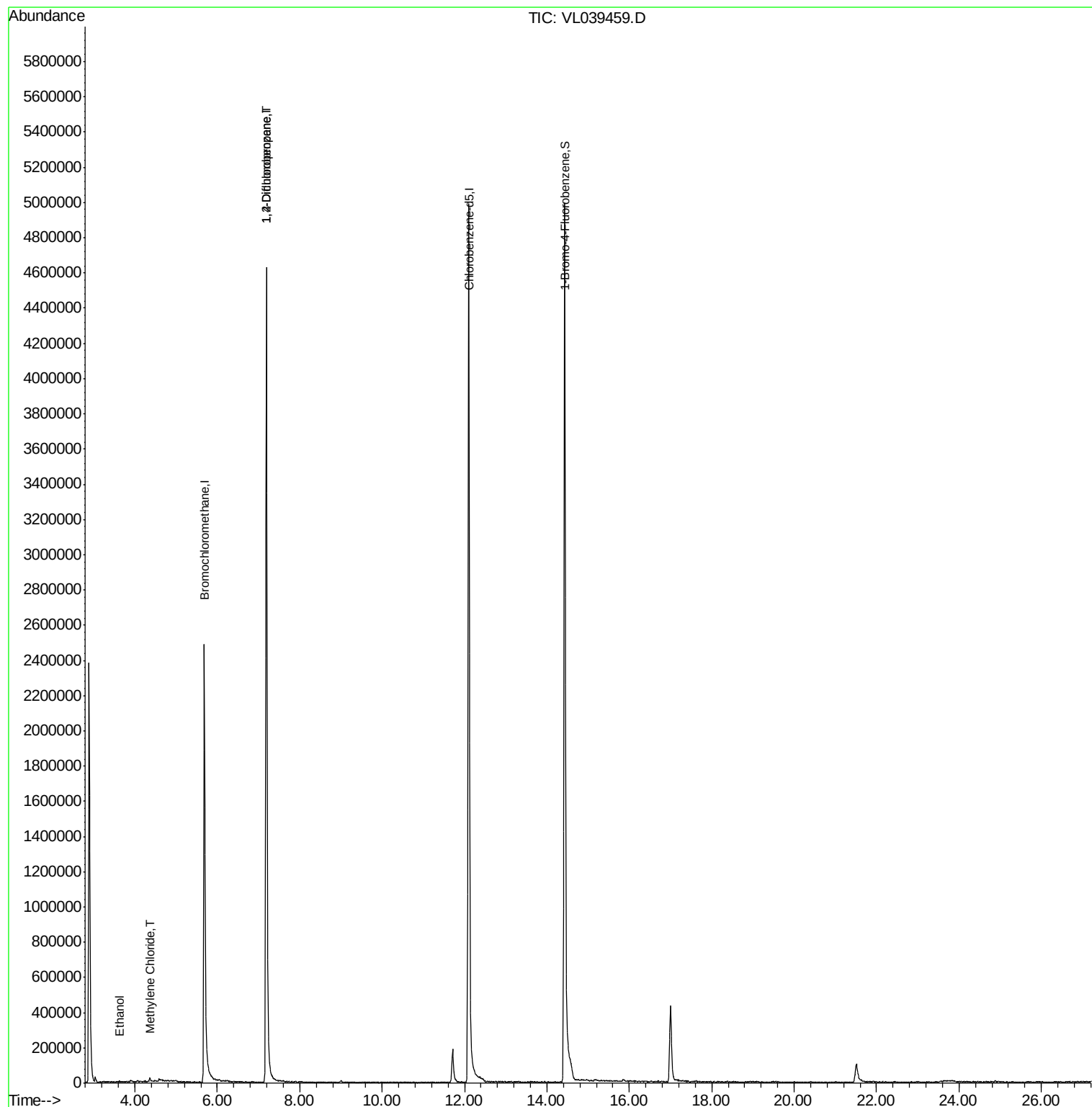
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.62	45	391	0.08	ppbv #	23
20) Methylene Chloride	4.35	84	2690	0.04	ppbv #	29
39) 1,2-Dichloropropane	7.19	63	1000783	8.55	ppbv #	25

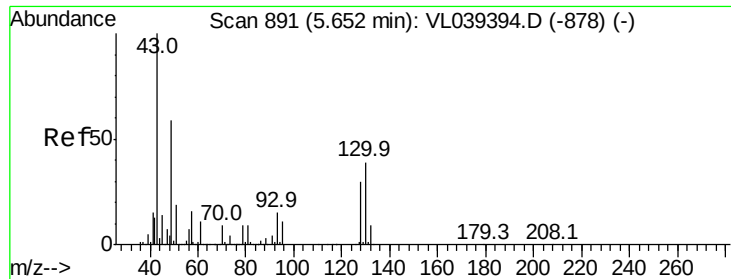
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

QC062 CAN 10154

Acq: 12 Jul 2022 22:24

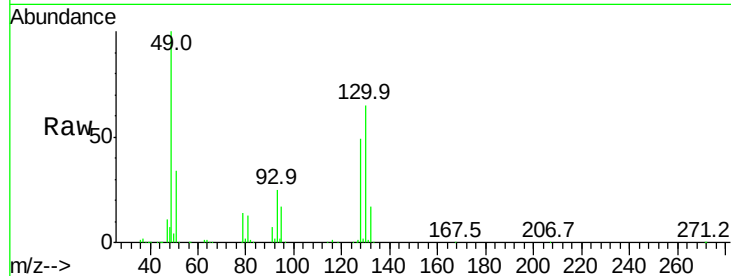
Tgt Ion: 49 Resp: 1485820

Ion Ratio Lower Upper

49 100

128 51.5 26.7 80.0

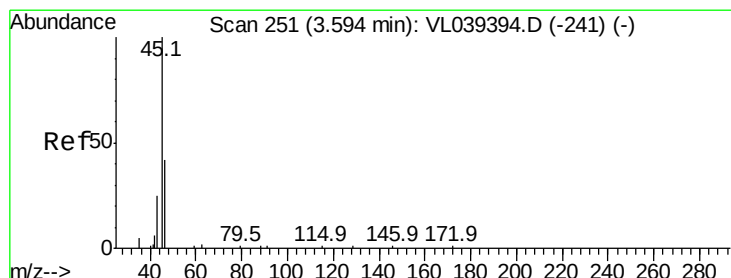
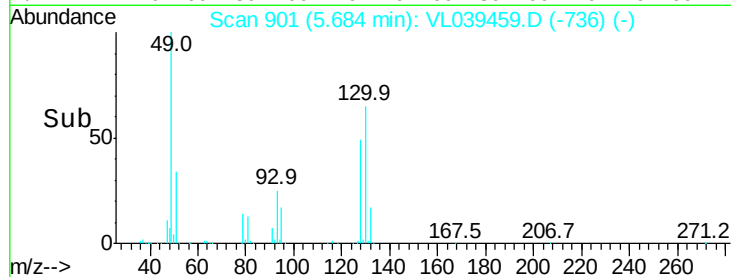
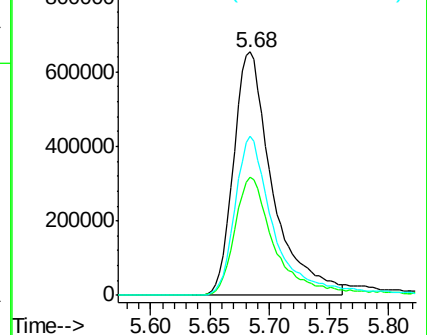
130 67.8 34.3 102.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 0.08 ppbv

RT: 3.62 min Scan# 259

Delta R.T. 0.03 min

Lab File: VL039459.D

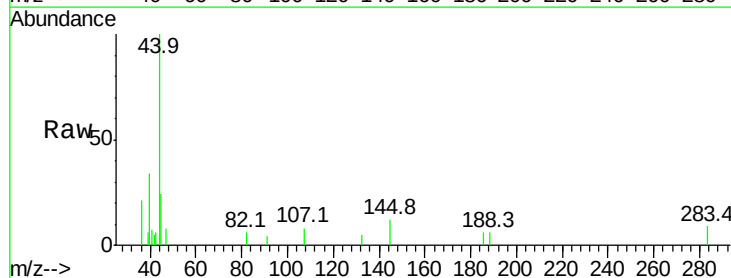
Acq: 12 Jul 2022 22:24

Tgt Ion: 45 Resp: 391

Ion Ratio Lower Upper

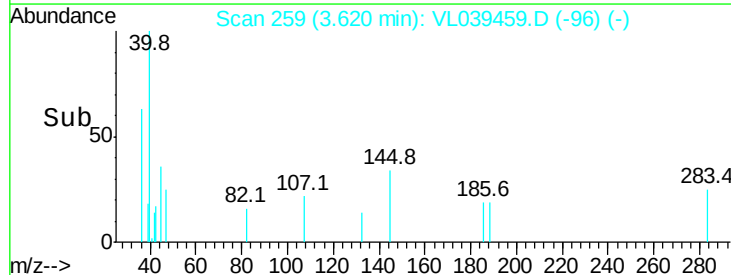
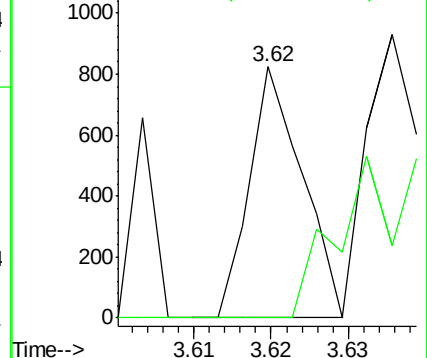
45 100

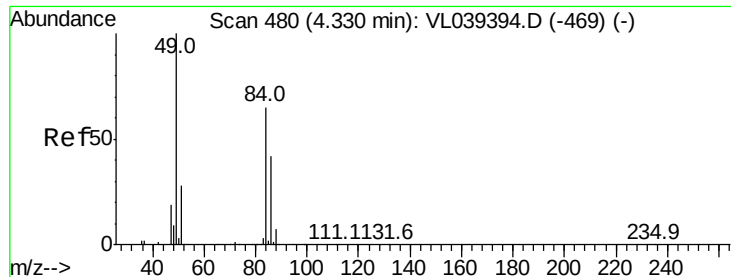
46 0.0 22.8 91.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

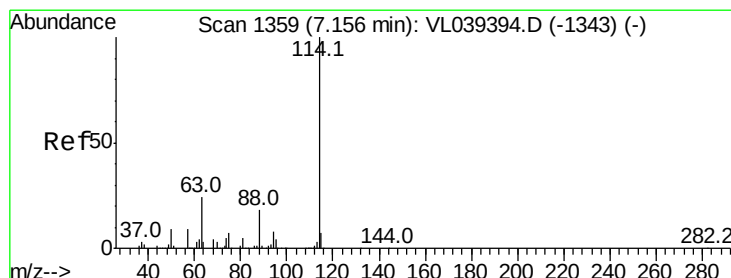
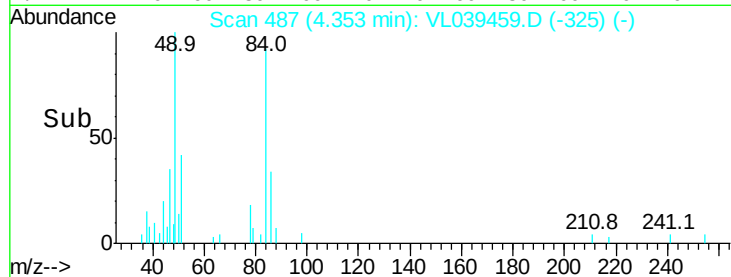
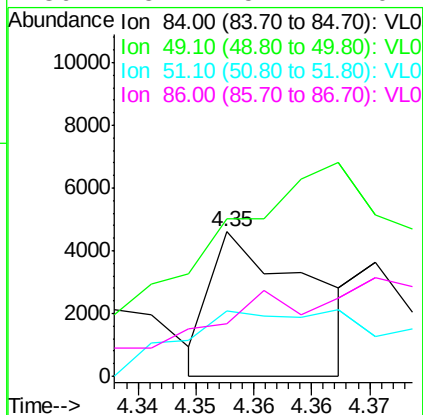
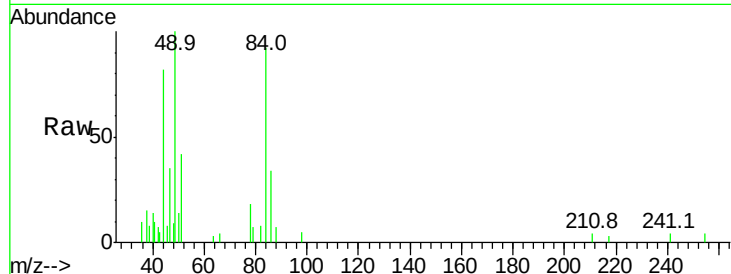
Ion 46.10 (45.80 to 46.80): VL0





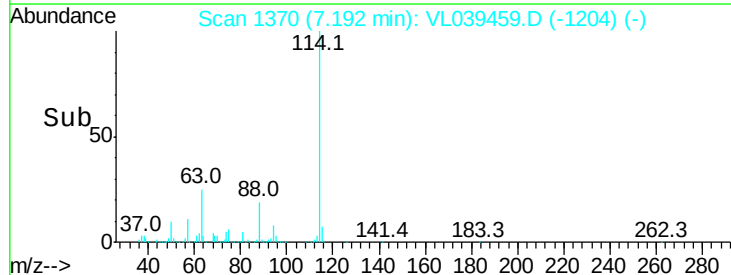
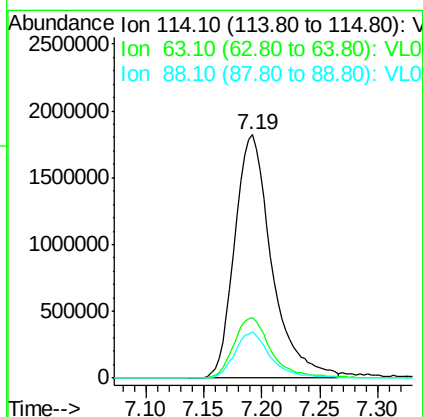
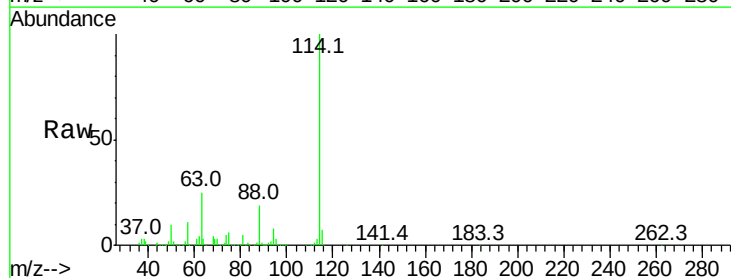
#20
Methylene Chloride
Concen: 0.04 ppbv
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
QC062 CAN 10154
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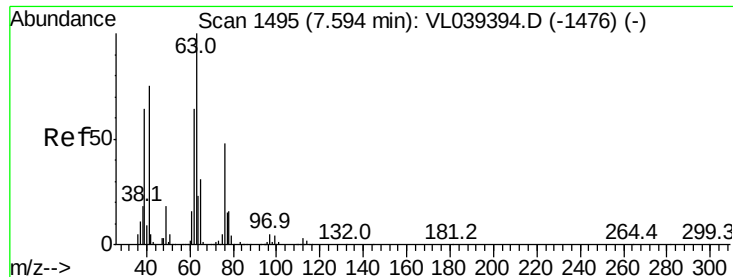
Tgt Ion:	84	Resp:	2690
Ion	Ratio	Lower	Upper
84	100		
49	47.6	123.1	184.7#
51	26.4	34.4	51.6#
86	5.1	51.1	76.7#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.19 min Scan# 1370
Delta R.T.: 0.04 min
Lab File: VL039459.D
Acq: 12 Jul 2022 22:24

Tgt Ion:	114	Resp:	4049561
Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.2	30.4
88	18.6	14.5	21.7





#39

1,2-Dichloropropane

Concen: 8.55 ppbv

RT: 7.19 Instrument: MSVOA_1

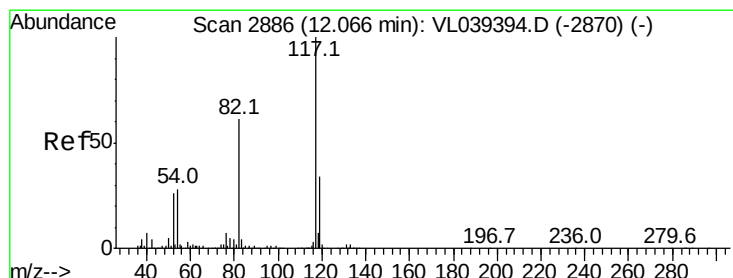
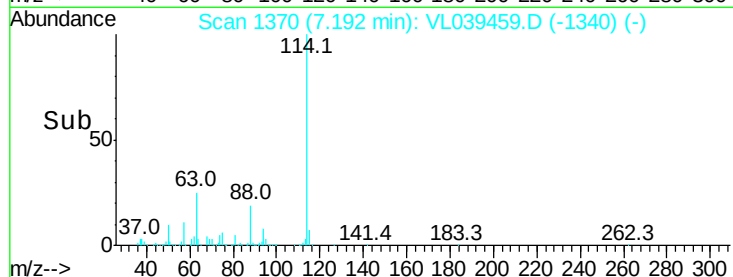
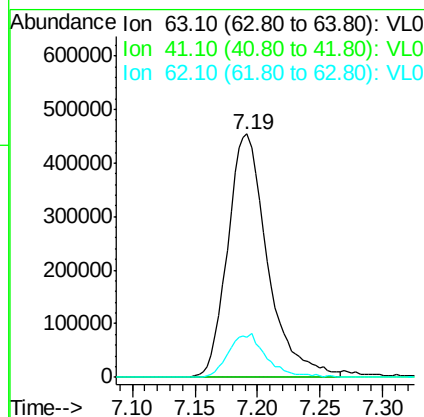
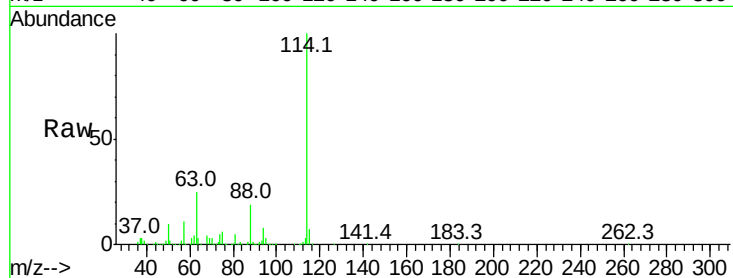
Delta R.T.

Lab File: ClientSampleId:

Acq: 12 Jul 2022 22:24

Tgt Ion: 63 Resp: 1000783

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	16.5	51.4	77.0#



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.10 min Scan# 2897

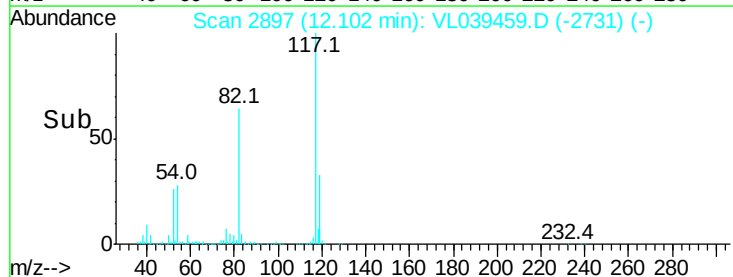
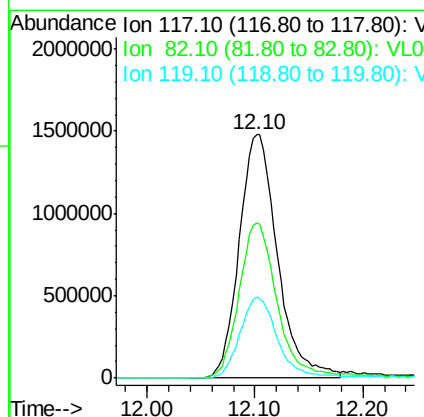
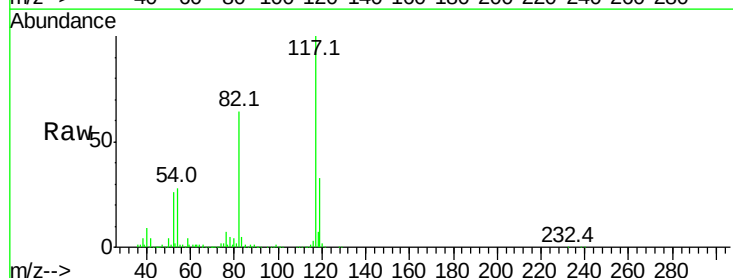
Delta R.T. 0.04 min

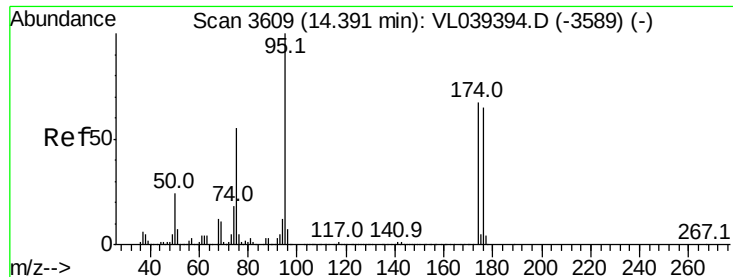
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Acq: 12 Jul 2022 22:24

Tgt Ion: 117 Resp: 3656597

Ion	Ratio	Lower	Upper
117	100		
82	65.7	50.8	76.2
119	33.9	24.1	36.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.08 ppbv

RT: 14.43

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

QC062 CAN 10154

Acq: 12 Jul 2022 22.24

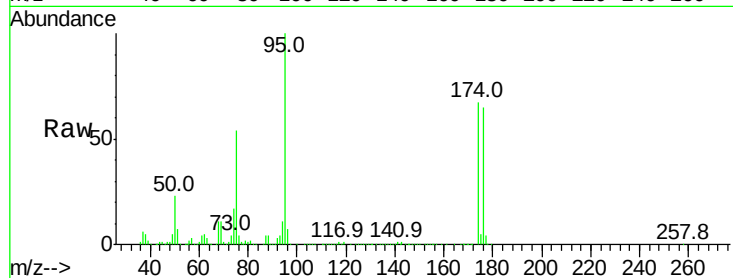
Tgt Ion: 95 Resp: 2735057

Ion Ratio Lower Upper

95 100

174 74.0 55.9 83.9

175 5.5 4.2 6.4



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

