

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052522\
 Data File : VL039129.D
 Acq On : 26 May 2022 10:40
 Operator : SY/AP
 Sample : OC052522 CAN 10294
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC052522 CAN 10294

Quant Time: May 27 04:26:36 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	985788	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2215477	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	1841312	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1524435	10.45	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

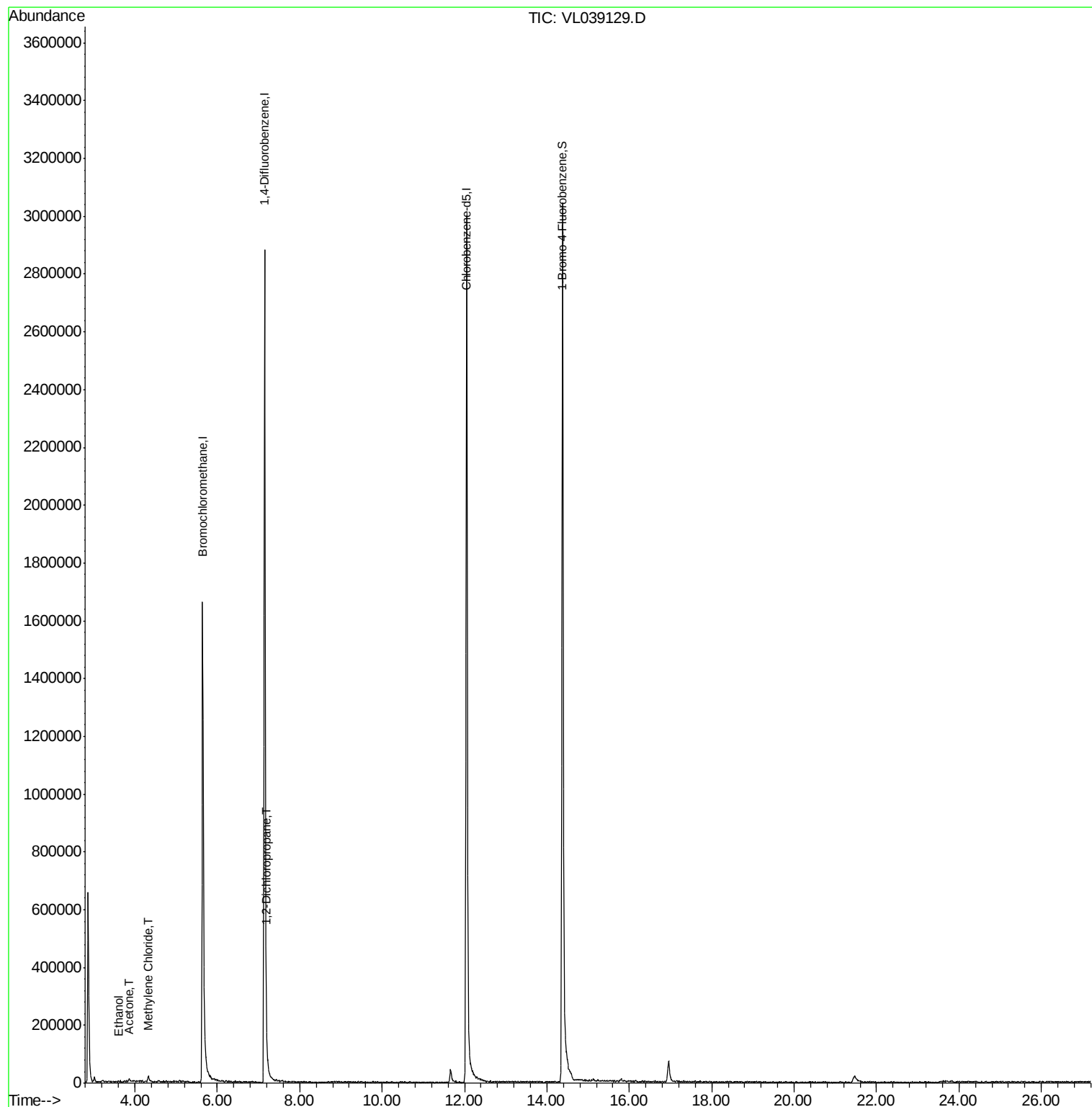
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	1242	0.329	ppbv #	1
15) Acetone	3.85	43	4451	0.048	ppbv #	48
20) Methylene Chloride	4.33	84	6540	0.187	ppbv	89
39) 1,2-Dichloropropane	7.19	63	12544	0.170	ppbv #	21

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052522\
Data File : VL039129.D
Acq On : 26 May 2022 10:40
Operator : SY/AP
Sample : OC052522 CAN 10294
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC052522 CAN 10294

Quant Time: May 27 04:26:36 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 26 May 2022 10:40

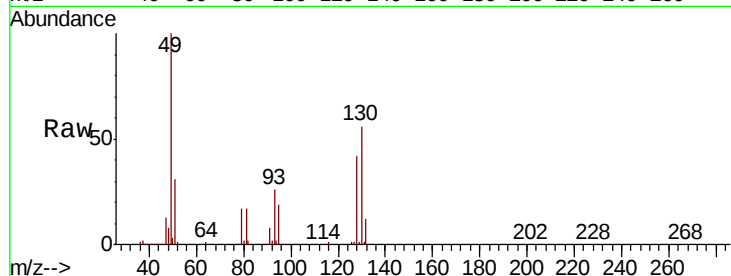
Tot Ion: 49 Resp: 985788

Ion Ratio Lower Upper

49 100

128 46.1 23.3 69.8

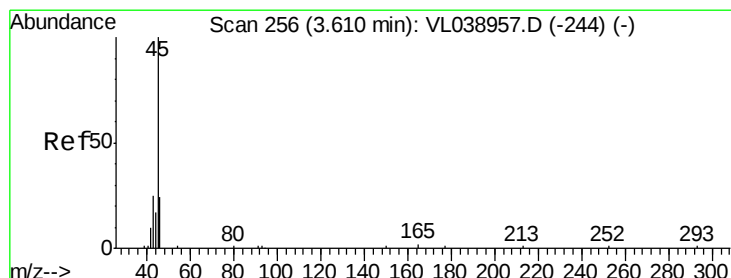
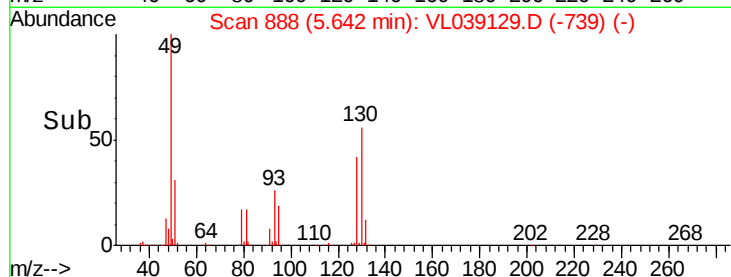
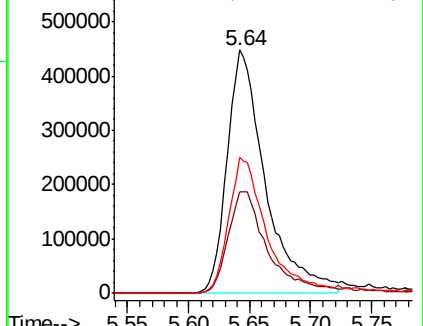
130 59.0 29.8 89.3



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: 0.329 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.01 min

Lab File: VL039129.D

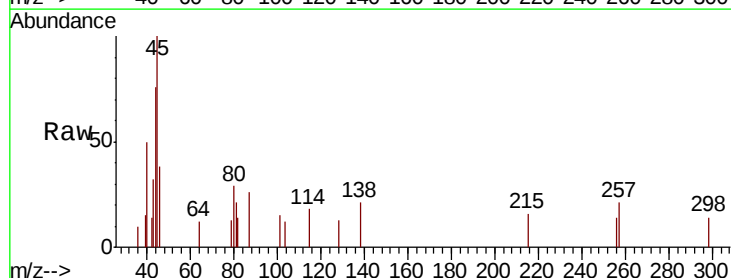
Acq: 26 May 2022 10:40

Tgt Ion: 45 Resp: 1242

Ion Ratio Lower Upper

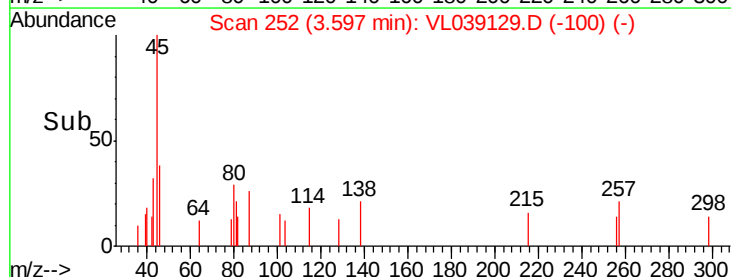
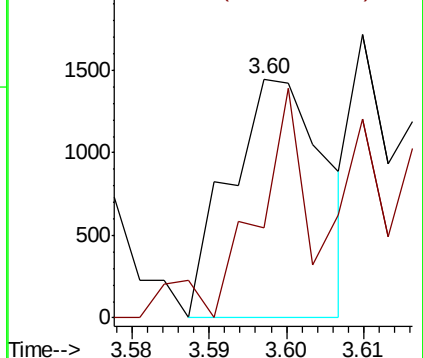
45 100

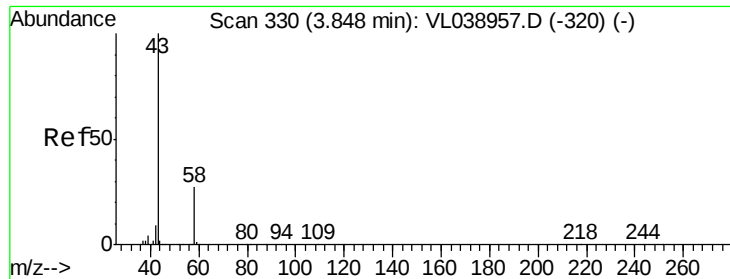
46 155.9 18.0 72.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.048 ppbv

RT: 3.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

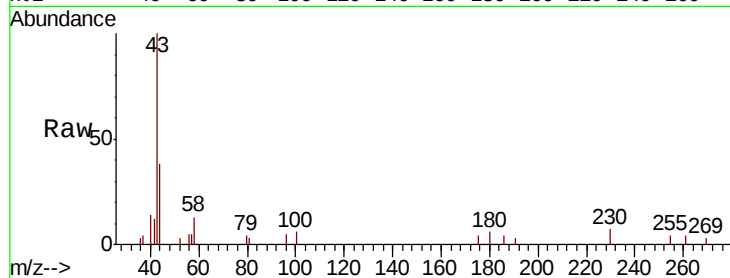
Acq: 26 May 2022 10:40

Tot Ion: 43 Resp: 4451

Ion Ratio Lower Upper

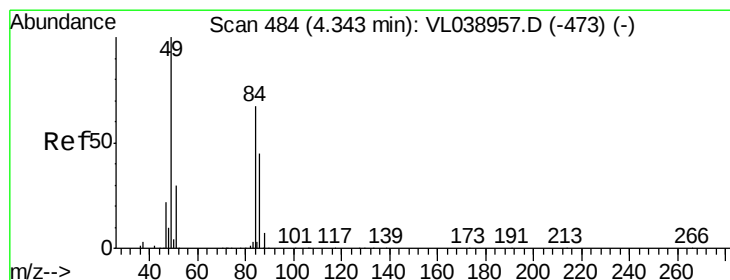
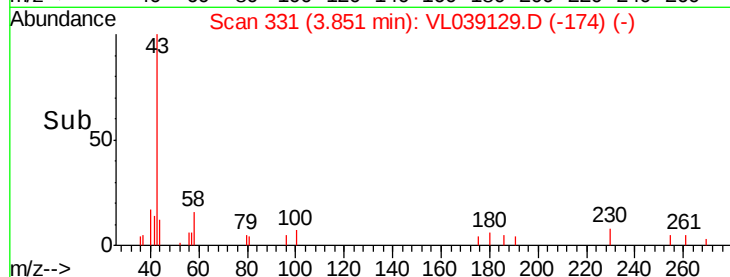
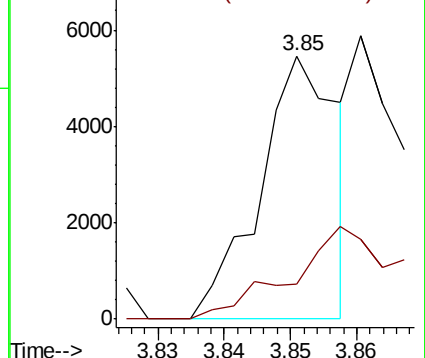
43 100

58 0.0 21.3 31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.187 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.01 min

Lab File: VL039129.D

Acq: 26 May 2022 10:40

Tgt Ion: 84 Resp: 6540

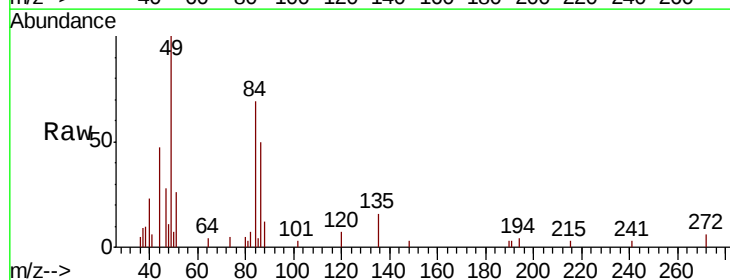
Ion Ratio Lower Upper

84 100

49 130.7 119.9 179.9

51 37.3 35.7 53.5

86 68.0 53.8 80.6

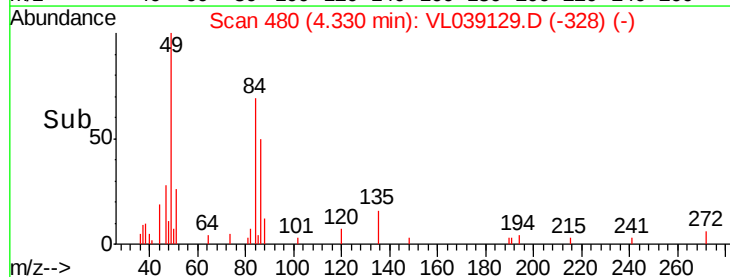
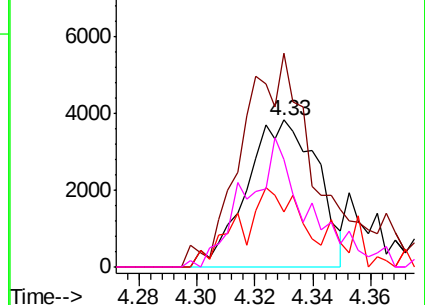


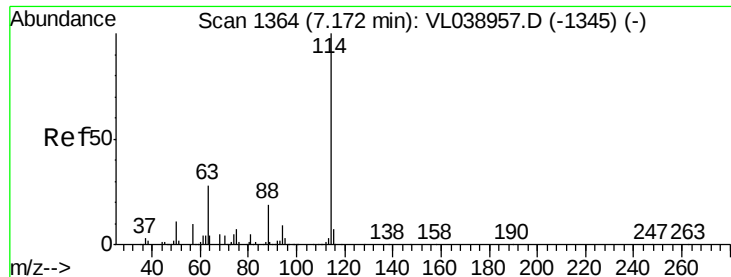
Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 7.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

OC052522 CAN 10294

Acq: 26 May 2022 10:40

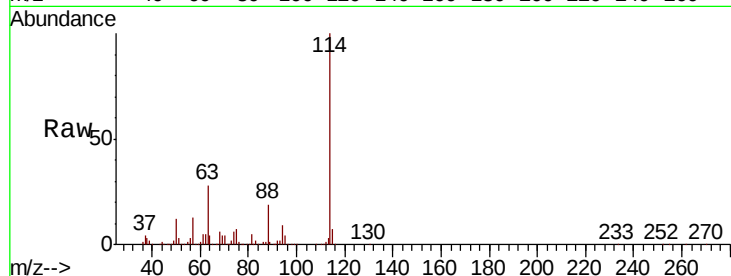
Tot Ion:114 Resp: 2215477

Ion Ratio Lower Upper

114 100

63 29.7 22.6 33.8

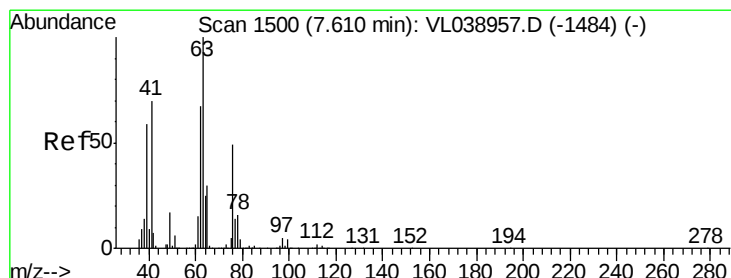
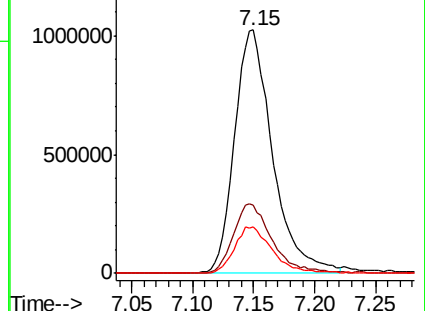
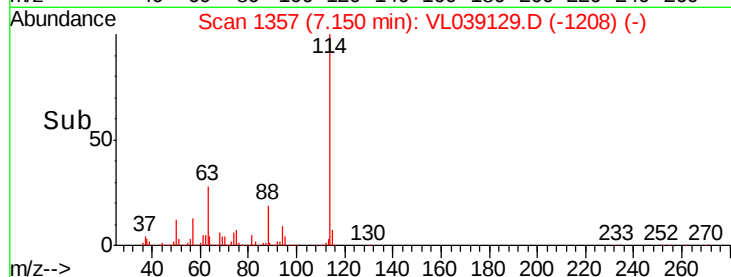
88 19.4 15.4 23.0



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: 0.170 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. -0.42 min

Lab File: VL039129.D

Acq: 26 May 2022 10:40

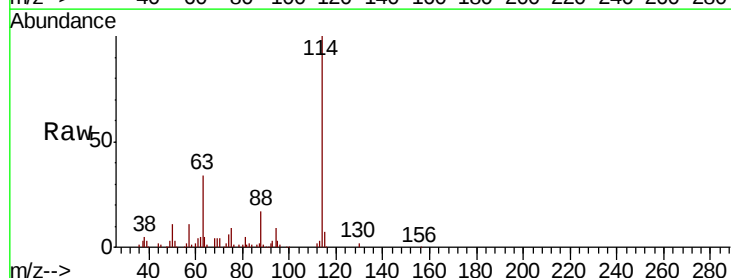
Tgt Ion: 63 Resp: 12544

Ion Ratio Lower Upper

63 100

41 0.0 55.9 83.9#

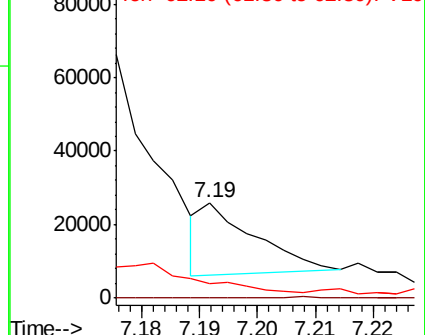
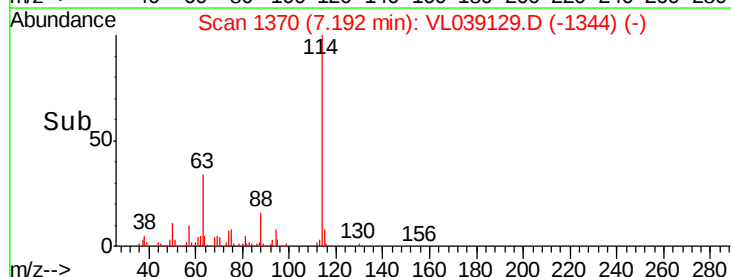
62 8.8 53.8 80.6#

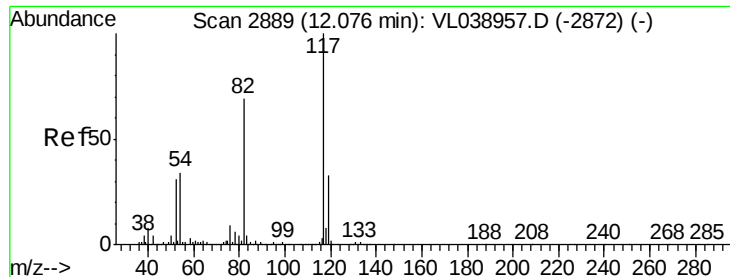


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

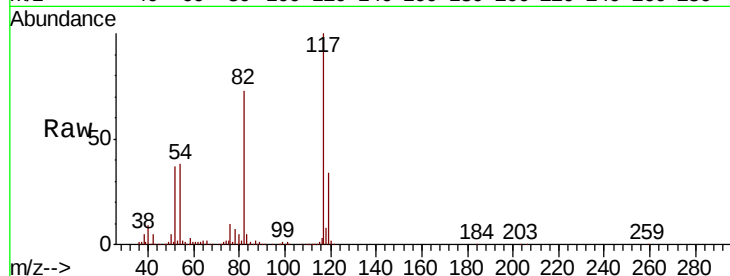




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
OC052522 CAN 10294
Acq: 26 May 2022 10:40

Tot Ion:117 Resp: 1841312

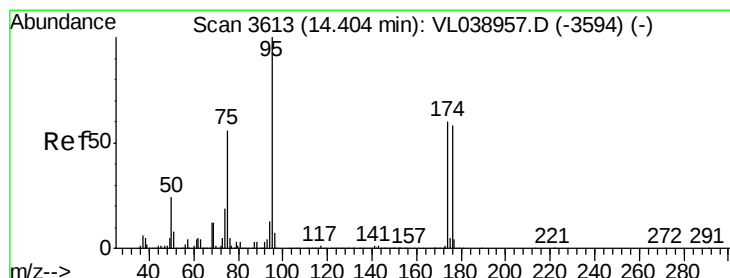
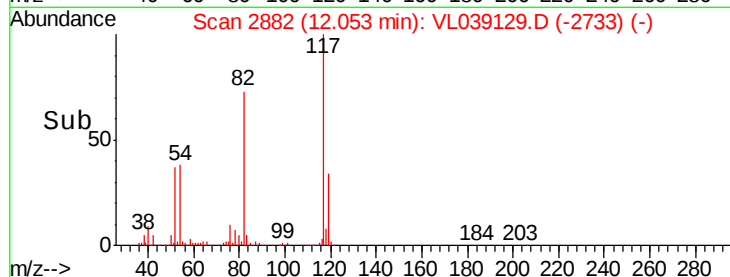
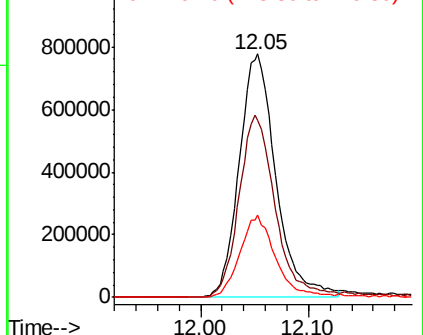
Ion	Ratio	Lower	Upper
117	100		
82	77.1	57.0	85.6
119	33.6	27.2	40.8



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

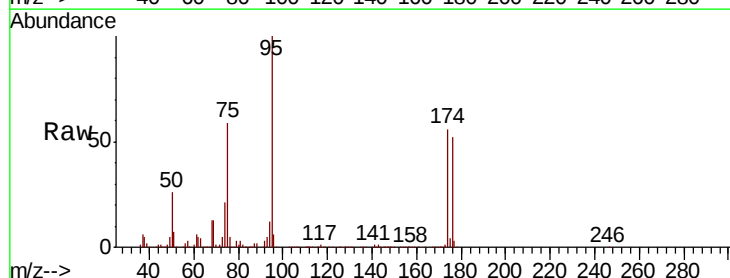
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.454 ppbv
RT: 14.38 min Scan# 3606
Delta R.T.: -0.02 min
Lab File: VL039129.D
Acq: 26 May 2022 10:40

Tgt Ion: 95 Resp: 1524435

Ion	Ratio	Lower	Upper
95	100		
174	59.7	50.8	76.2
175	4.2	3.8	5.6



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

