

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061322\
 Data File : VL039270.D
 Acq On : 14 Jun 2022 3:18
 Operator : SY/AP
 Sample : N3306-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DL

Quant Time: Jun 14 08:07:56 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1061398	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2389154	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2012626	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1689922	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

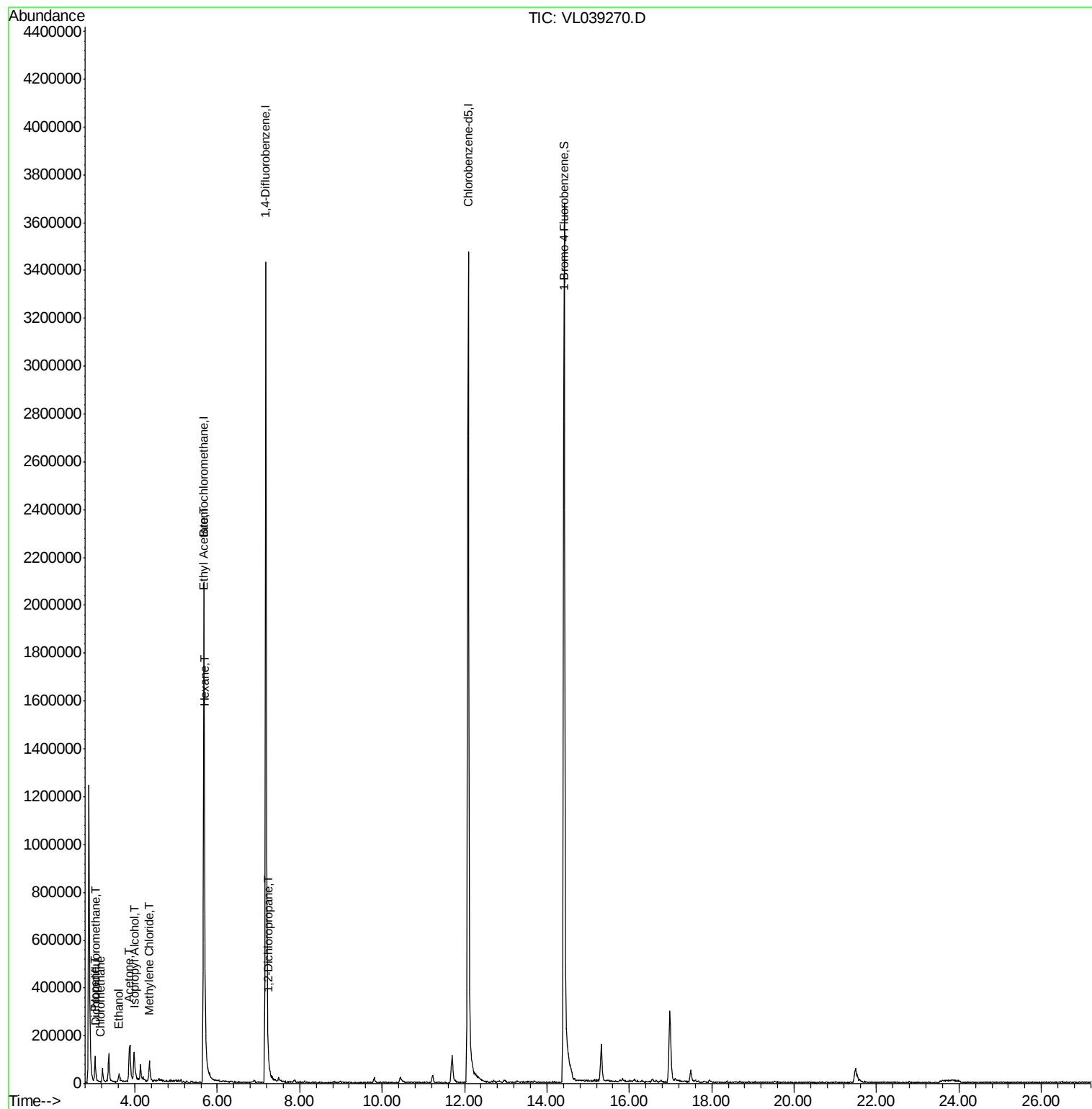
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	6239	0.033	ppbv #	67
4) Chloromethane	3.15	50	2303	0.033	ppbv #	58
9) Propene	3.03	41	19608	0.333	ppbv	96
13) Ethanol	3.61	45	17960	5.593	ppbv #	100
15) Acetone	3.86	43	192201	1.738	ppbv	95
19) Isopropyl Alcohol	3.97	45	48593	0.937	ppbv #	93
20) Methylene Chloride	4.35	84	16988	0.365	ppbv	97
25) Ethyl Acetate	5.69	43	13590	0.055	ppbv #	77
26) Hexane	5.69	57	11969	0.109	ppbv #	66
39) 1,2-Dichloropropane	7.24	63	7893	0.102	ppbv #	17

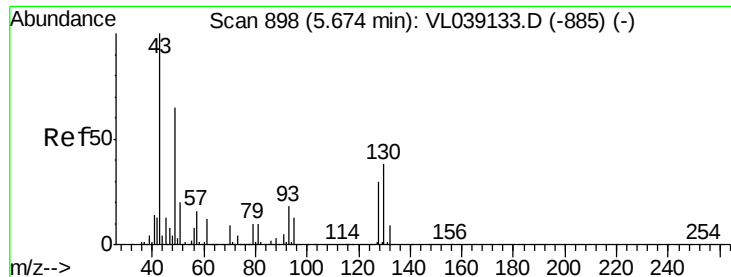
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL061322\
Data File : VL039270.D
Acq On : 14 Jun 2022 3:18
Operator : SY/AP
Sample : N3306-04DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL

Quant Time: Jun 14 08:07:56 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 14 Jun 2022 3:18

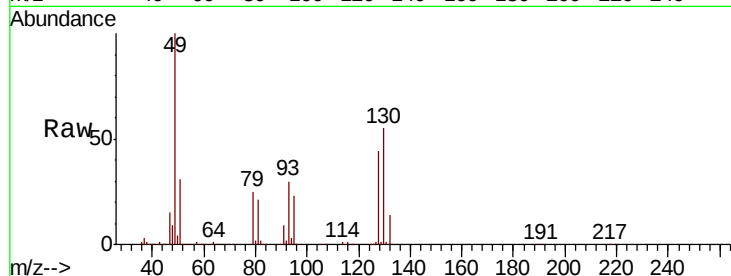
Tot Ion: 49 Resp: 1061398

Ion Ratio Lower Upper

49 100

128 48.4 24.7 74.1

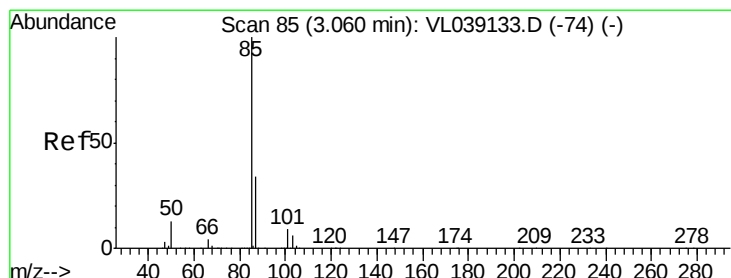
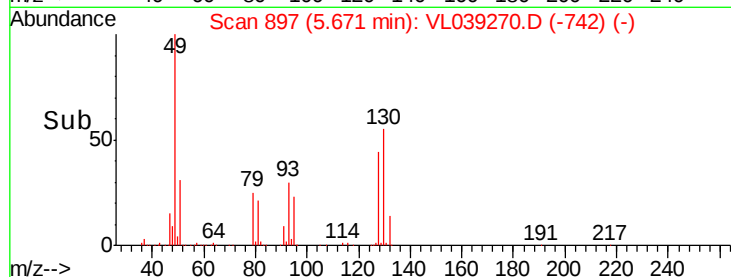
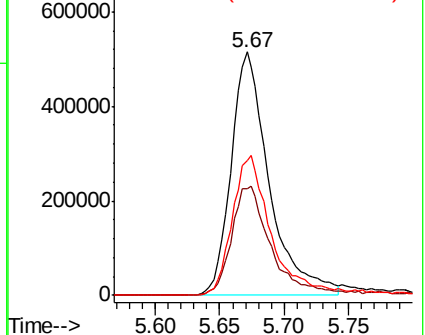
130 60.7 31.4 94.0



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



#2

Dichlorodifluoromethane

Concen: 0.033 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039270.D

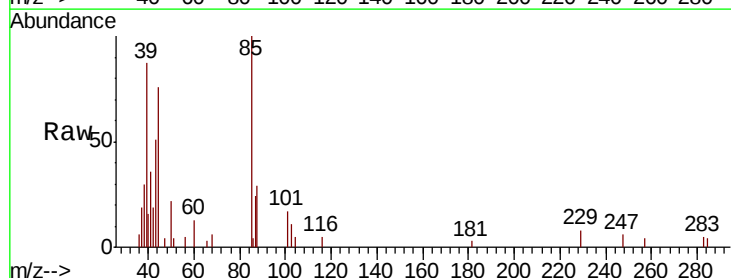
Acq: 14 Jun 2022 3:18

Tgt Ion: 85 Resp: 6239

Ion Ratio Lower Upper

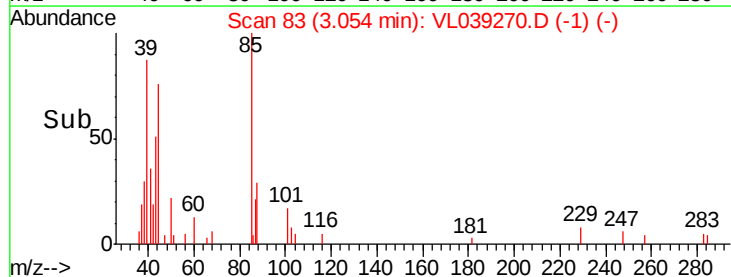
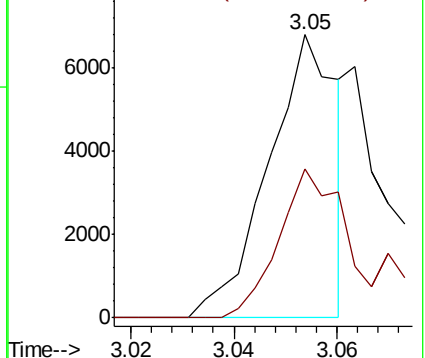
85 100

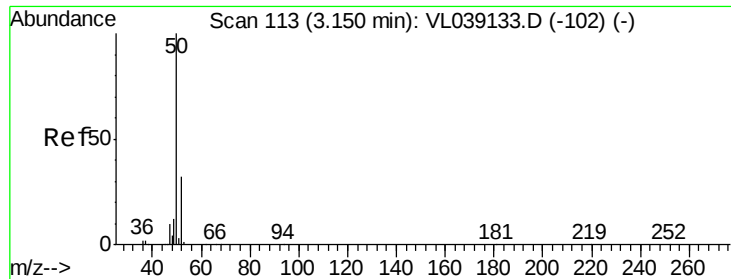
87 52.7 26.9 40.3#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.033 ppbv

RT: 3.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

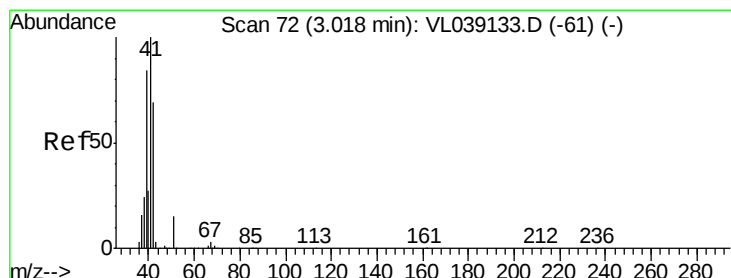
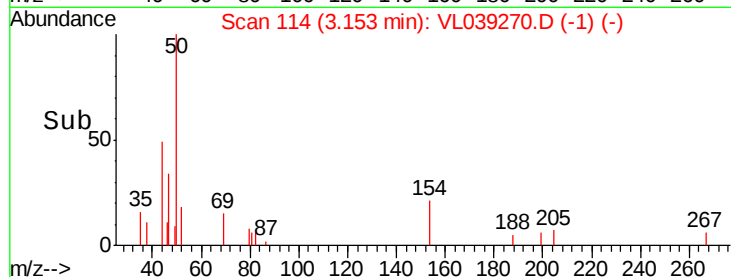
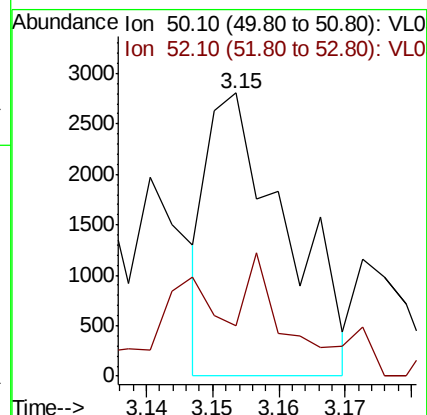
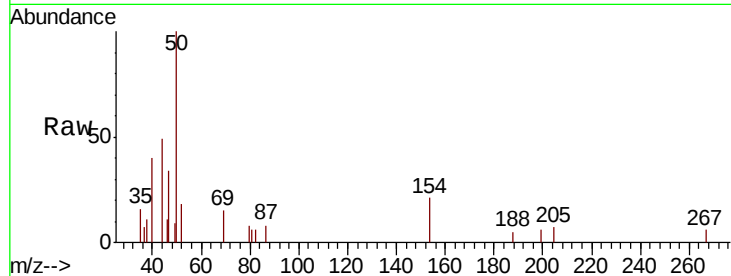
Acq: 14 Jun 2022 3:18

Tot Ion: 50 Resp: 2303

Ion Ratio Lower Upper

50 100

52 8.9 25.9 38.9#



#9

Propene

Concen: 0.333 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.01 min

Lab File: VL039270.D

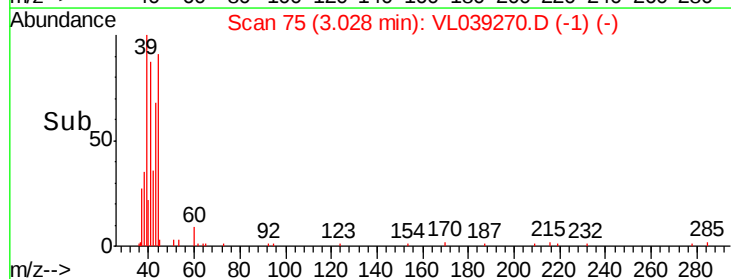
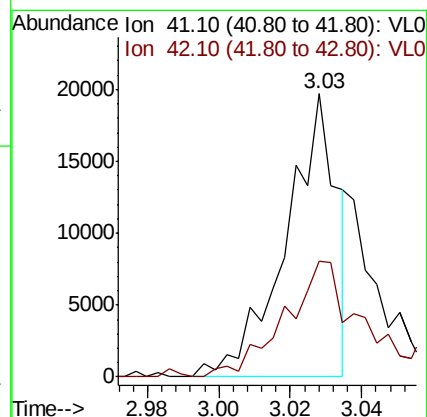
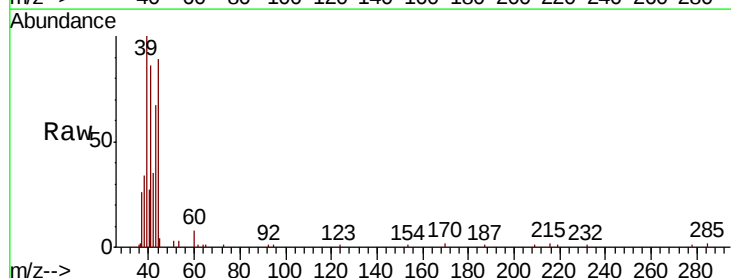
Acq: 14 Jun 2022 3:18

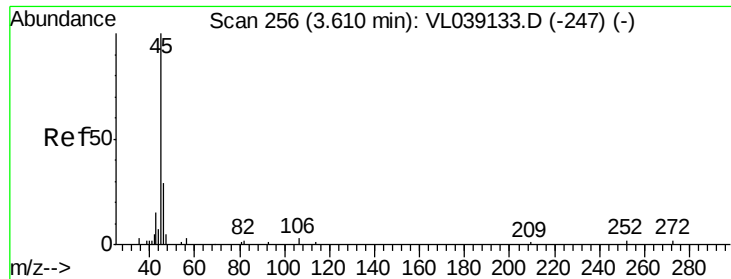
Tgt Ion: 41 Resp: 19608

Ion Ratio Lower Upper

41 100

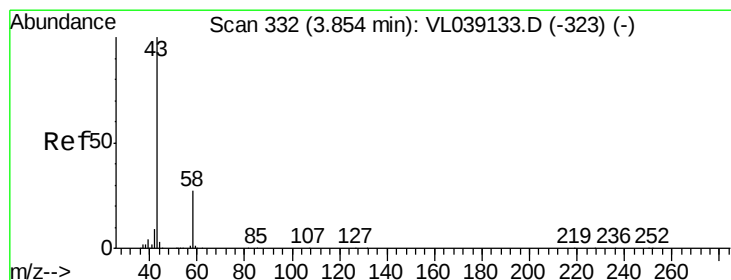
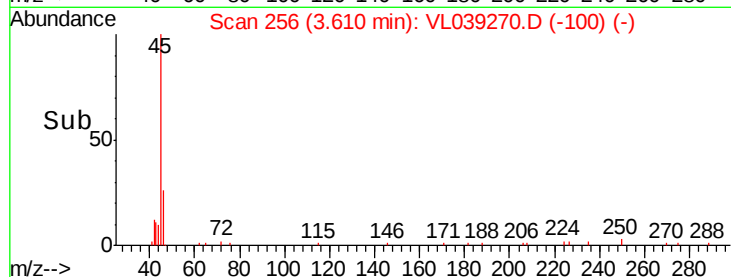
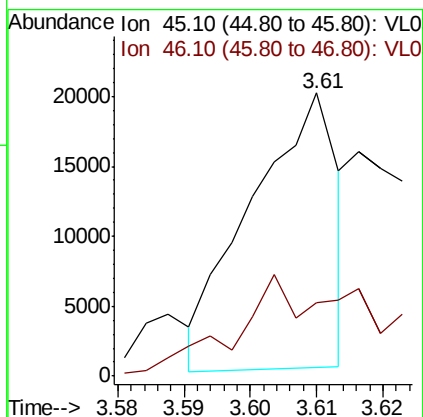
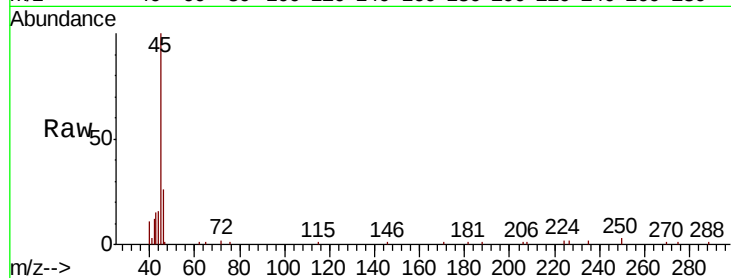
42 72.4 55.4 83.2





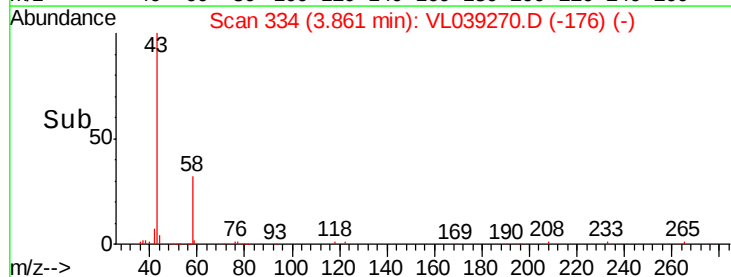
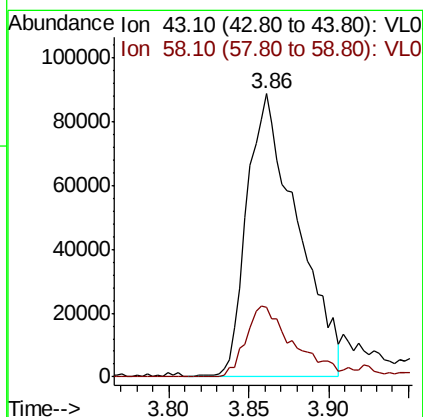
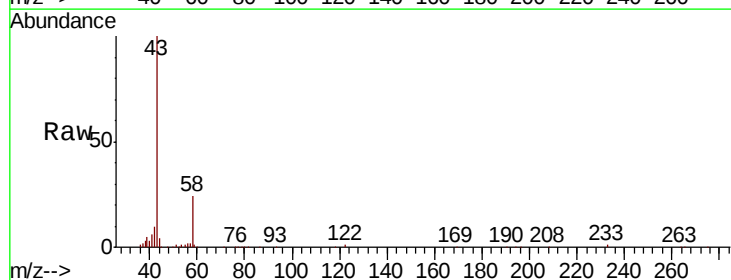
#13
Ethanol
Concen: 5.593 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 14 Jun 2022 3:18

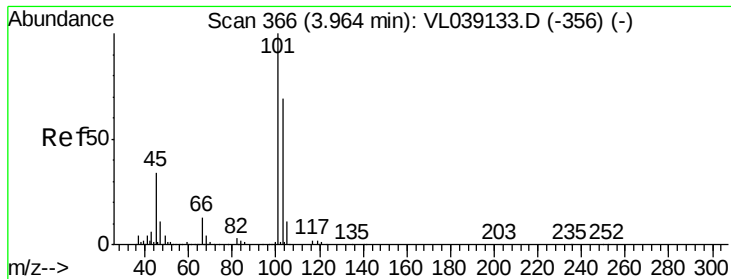
Tot Ion: 45 Resp: 17960
Ion Ratio Lower Upper
45 100
46 98.5 0.0 0.0#



#15
Acetone
Concen: 1.738 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL039270.D
Acq: 14 Jun 2022 3:18

Tgt Ion: 43 Resp: 192201
Ion Ratio Lower Upper
43 100
58 25.7 22.5 33.7





#19

Isopropyl Alcohol

Concen: 0.937 ppbv

RT: 3.97 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

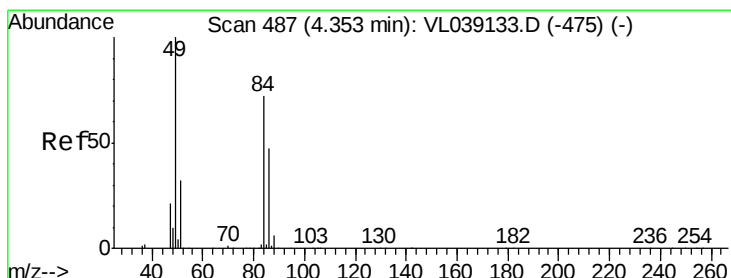
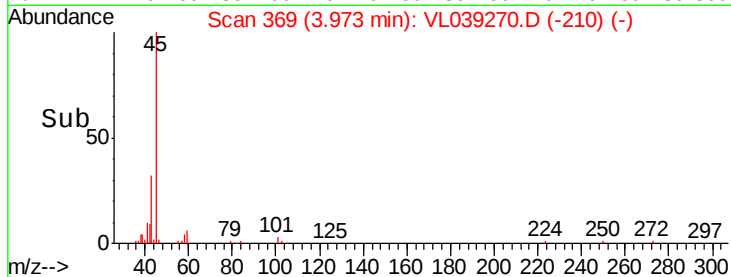
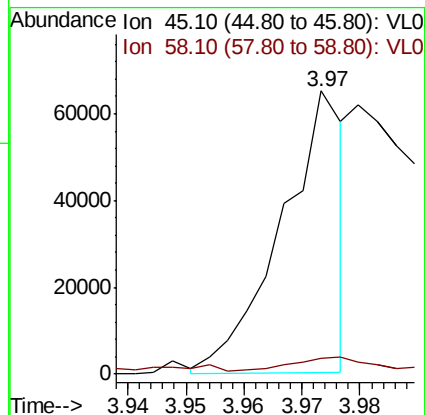
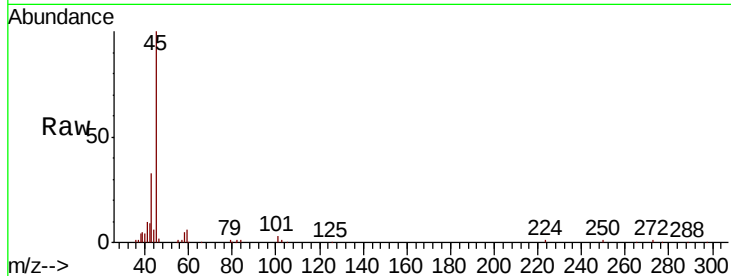
Acq: 14 Jun 2022 3:18

Tot Ion: 45 Resp: 48593

Ion Ratio Lower Upper

45 100

58 0.0 1.8 2.8#



#20

Methylene Chloride

Concen: 0.365 ppbv

RT: 4.35 min Scan# 486

Delta R.T. -0.00 min

Lab File: VL039270.D

Acq: 14 Jun 2022 3:18

Tgt Ion: 84 Resp: 16988

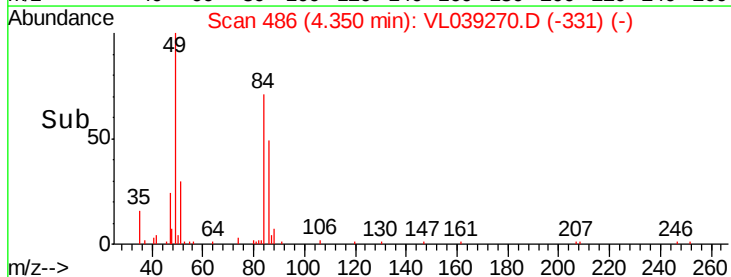
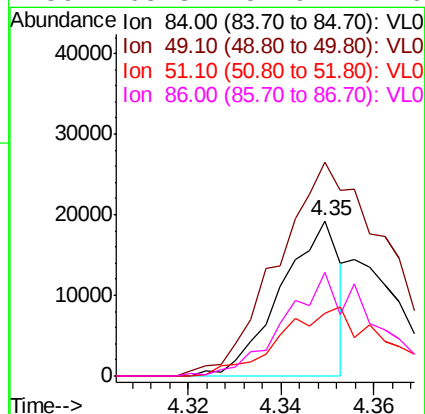
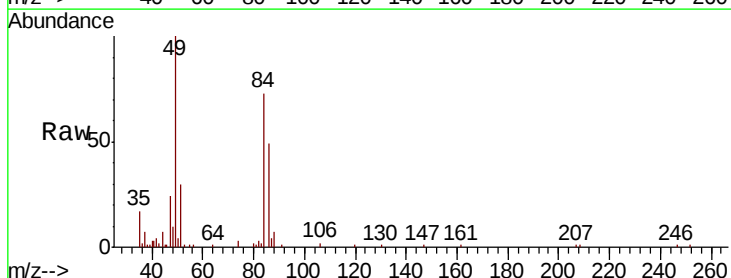
Ion Ratio Lower Upper

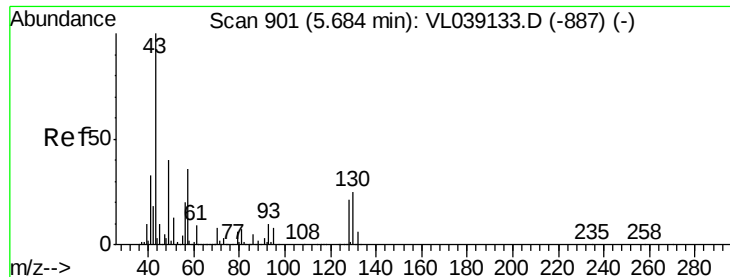
84 100

49 134.7 111.1 166.7

51 40.7 35.3 52.9

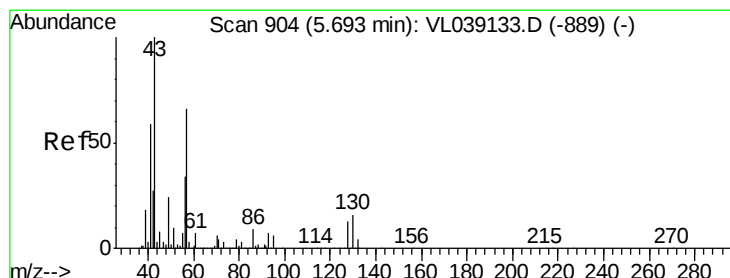
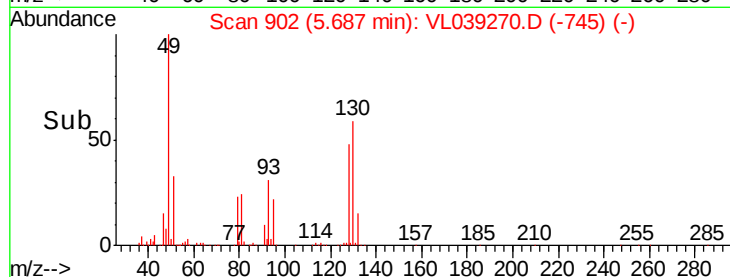
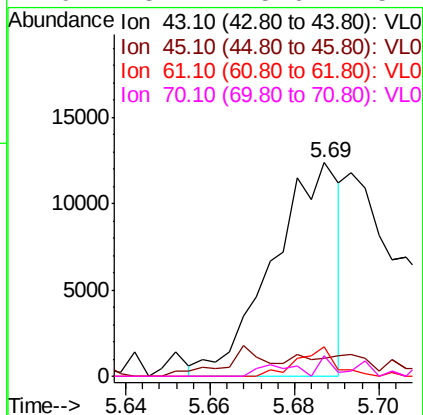
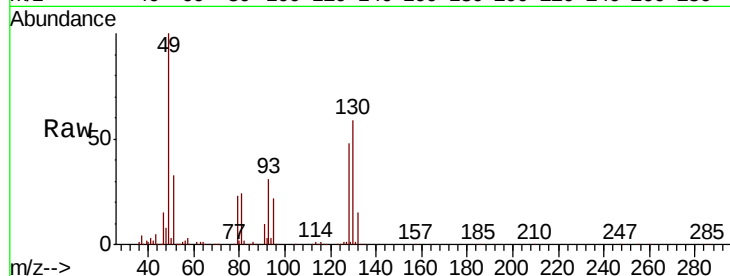
86 65.3 51.9 77.9





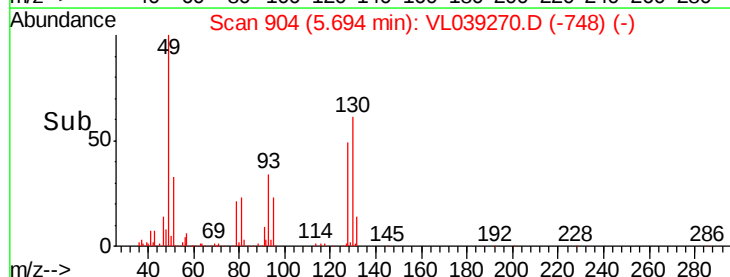
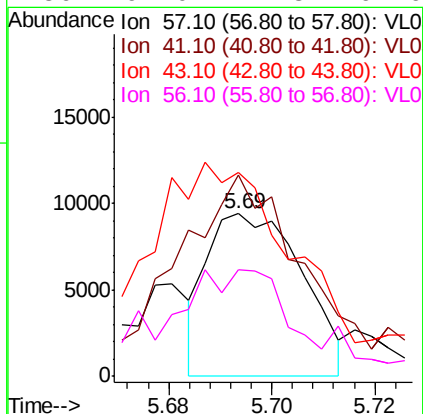
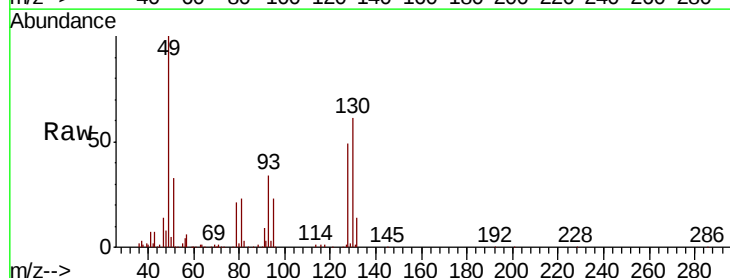
#25
Ethyl Acetate
Concen: 0.055 ppbv
RT: 5.69 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 14 Jun 2022 3:18

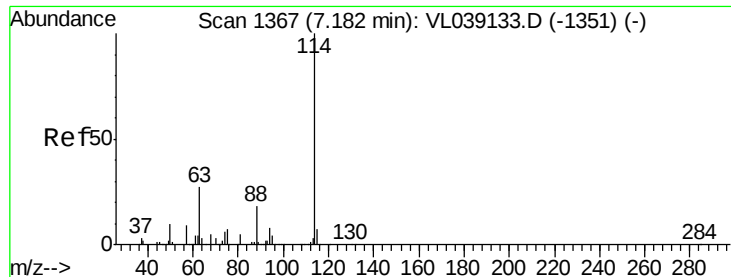
Tot Ion:	43	Resp:	13590
Ion	Ratio	Lower	Upper
43	100		
45	29.1	8.2	12.2#
61	8.9	8.4	12.6
70	3.1	5.6	8.4#



#26
Hexane
Concen: 0.109 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.00 min
Lab File: VL039270.D
Acq: 14 Jun 2022 3:18

Tgt Ion:	57	Resp:	11969
Ion	Ratio	Lower	Upper
57	100		
41	190.9	72.4	108.6#
43	233.8	187.0	280.6
56	97.0	41.8	62.6#

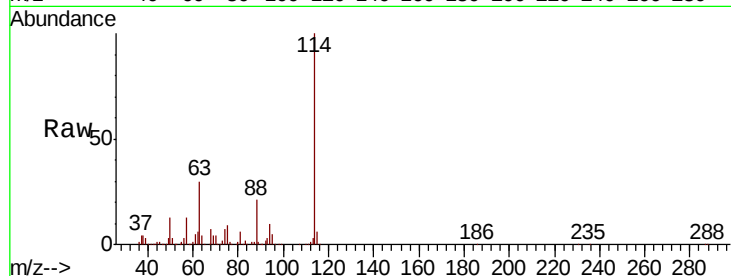




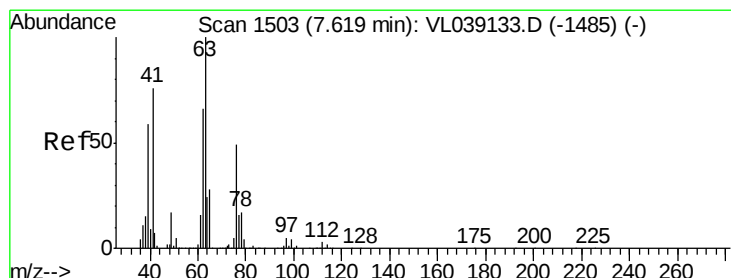
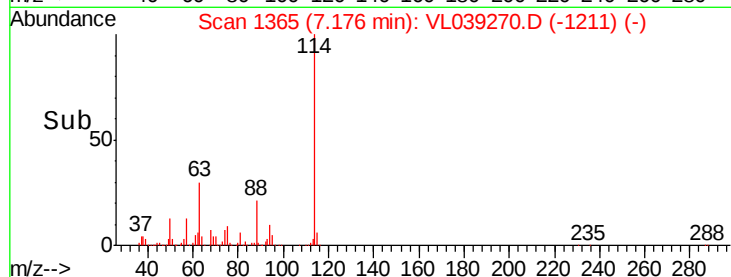
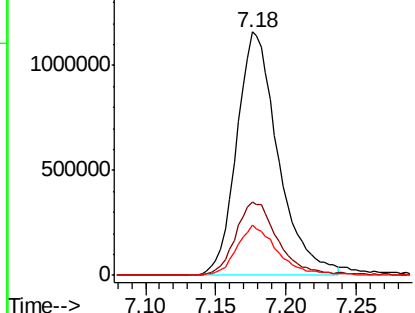
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 14 Jun 2022 3:18

Tot Ion: 114 Resp: 2389154

Ion	Ratio	Lower	Upper
114	100		
63	31.3	21.7	32.5
88	20.7	14.8	22.2



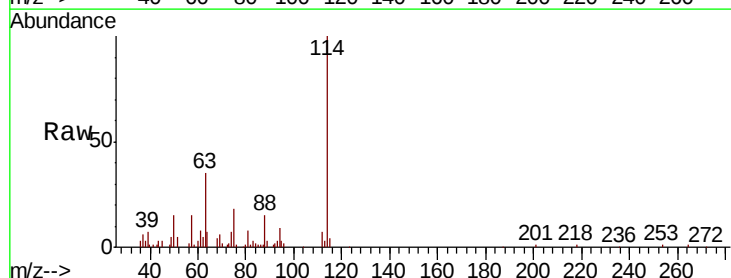
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



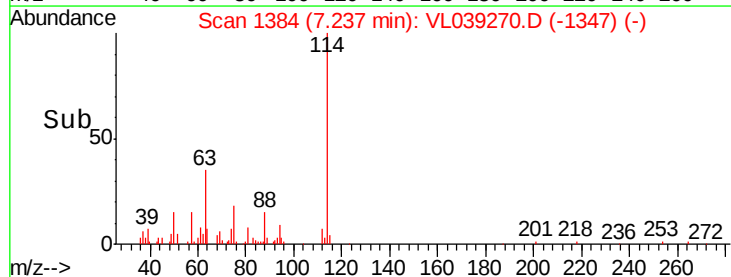
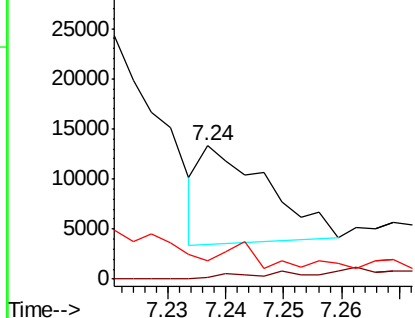
#39
 1,2-Dichloropropane
 Concen: 0.102 ppbv
 RT: 7.24 min Scan# 1384
 Delta R.T.: -0.38 min
 Lab File: VL039270.D
 Acq: 14 Jun 2022 3:18

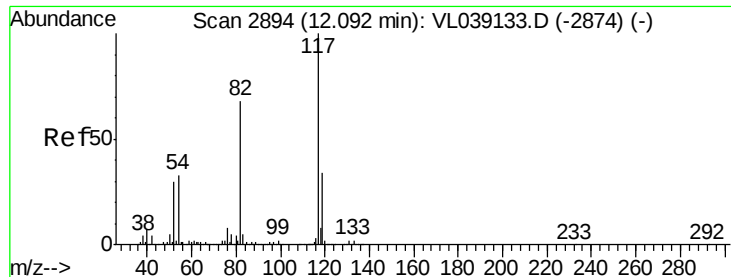
Tgt Ion: 63 Resp: 7893

Ion	Ratio	Lower	Upper
63	100		
41	2.1	60.8	91.2#
62	3.3	52.9	79.3#



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

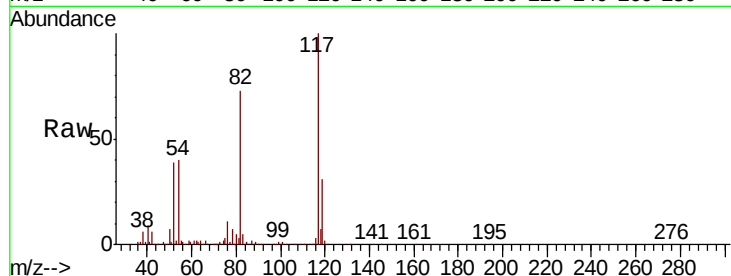




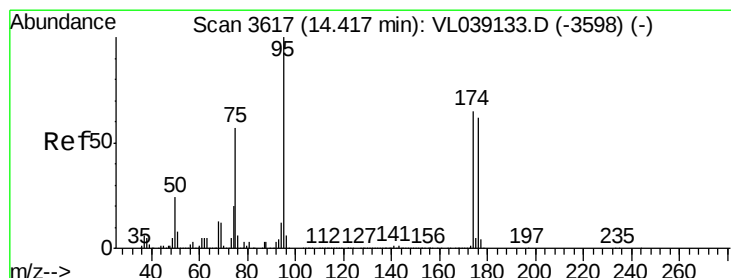
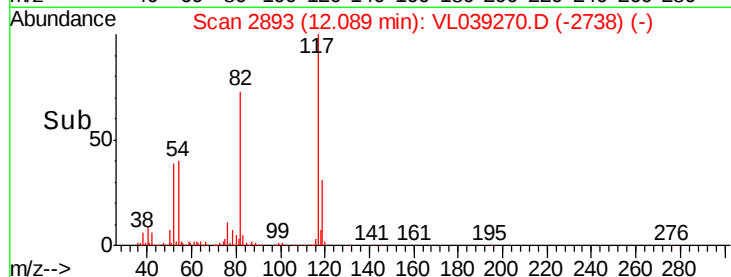
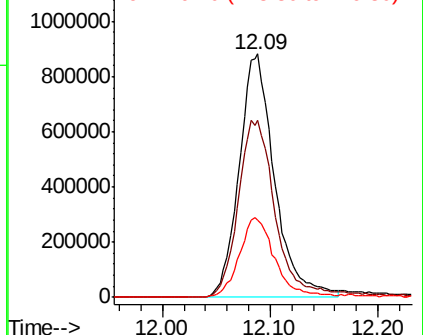
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Jun 2022 3:18

Tot Ion: 117 Resp: 2012626

Ion	Ratio	Lower	Upper
117	100		
82	77.9	55.1	82.7
119	33.0	24.7	37.1



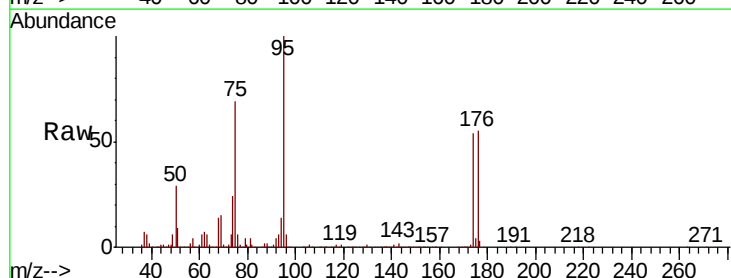
Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.156 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.00 min
Lab File: VL039270.D
Acq: 14 Jun 2022 3:18

Tgt Ion: 95 Resp: 1689922

Ion	Ratio	Lower	Upper
95	100		
174	61.6	53.8	80.8
175	4.5	4.1	6.1



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

