

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072022\
 Data File : VL039517.D
 Acq On : 20 Jul 2022 19:22
 Operator : SY/AP
 Sample : N3750-02DL2 80X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL2

Quant Time: Jul 21 06:06:39 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	5.69	49	842350	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.20	114	2498878	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	2197213	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1714876	10.52	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%

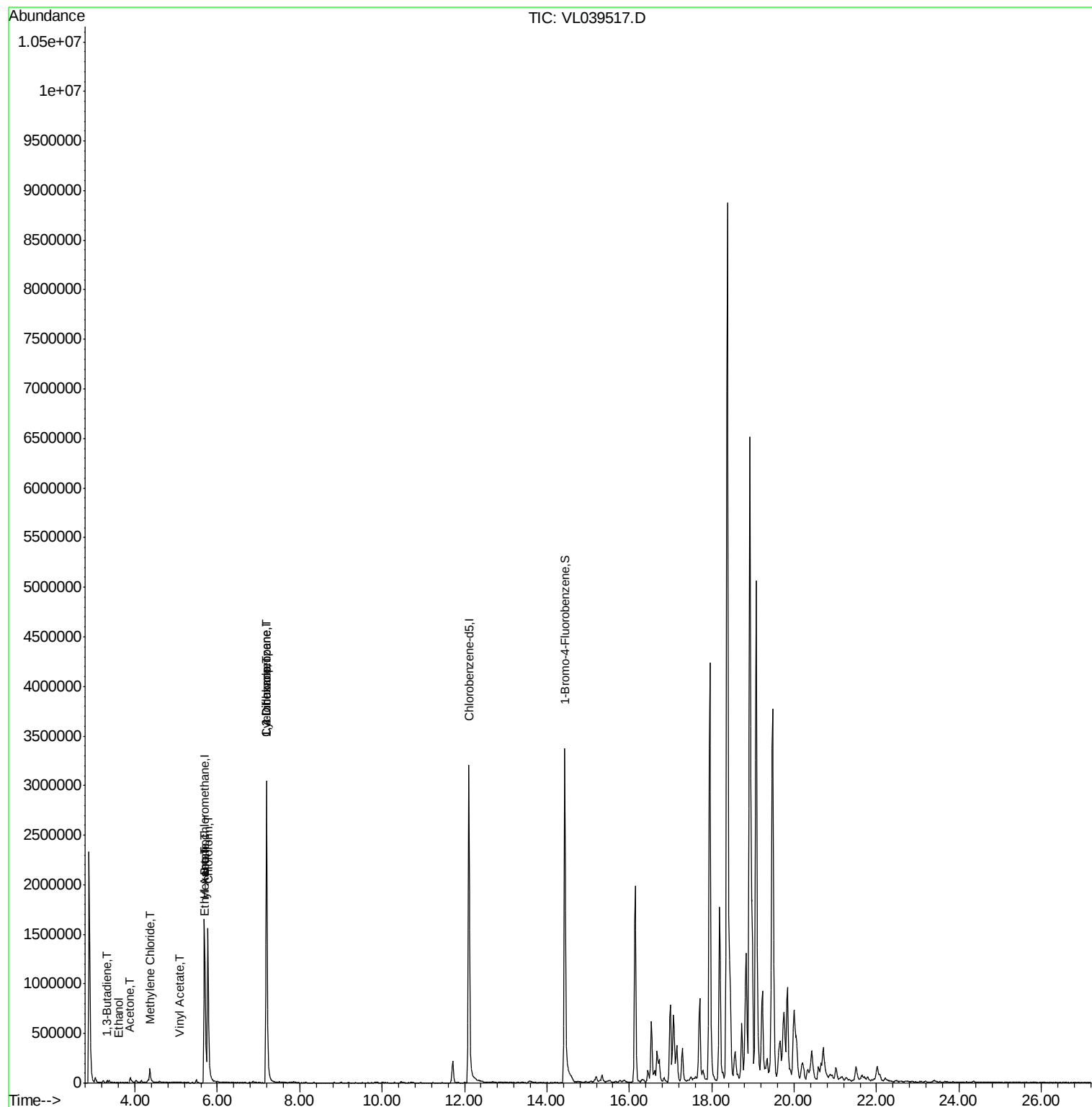
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	183	0.065	ppbv #	23
15) Acetone	3.88	43	56274	0.565	ppbv #	77
16) 1,3-Butadiene	3.33	39	2643	0.051	ppbv #	10
20) Methylene Chloride	4.37	84	52670	1.326	ppbv #	87
23) Vinyl Acetate	5.10	43	3811	0.057	ppbv #	83
25) Ethyl Acetate	5.71	43	49433	0.242	ppbv #	74
26) Hexane	5.71	57	75752	0.920	ppbv #	36
29) Chloroform	5.77	83	1179171	8.233	ppbv	98
30) Cyclohexane	7.19	84	4861	0.065	ppbv #	10
39) 1,2-Dichloropropane	7.19	63	616872	8.538	ppbv #	24

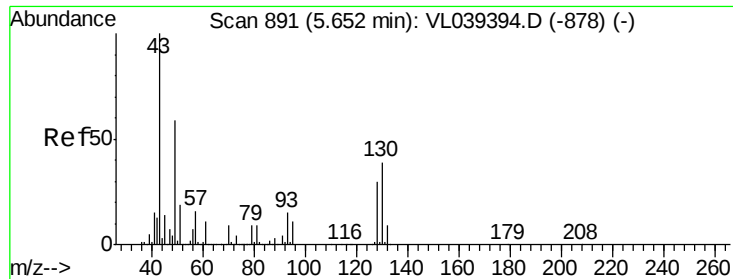
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072022\
Data File : VL039517.D
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Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL2

Quant Time: Jul 21 06:06:39 2022
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 20 Jul 2022 19:22

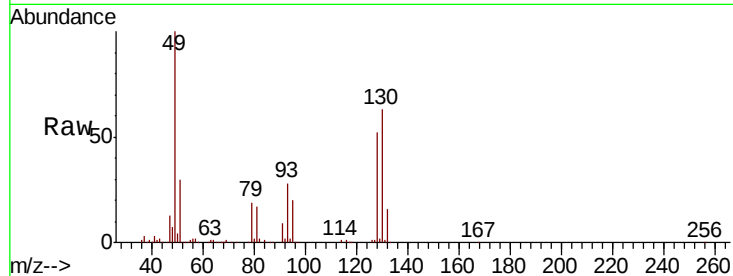
Tot Ion: 49 Resp: 842350

Ion Ratio Lower Upper

49 100

128 58.3 26.7 80.0

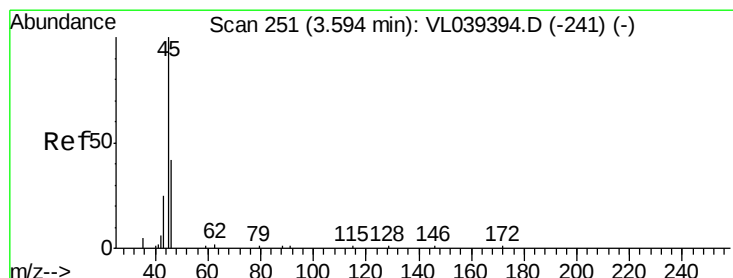
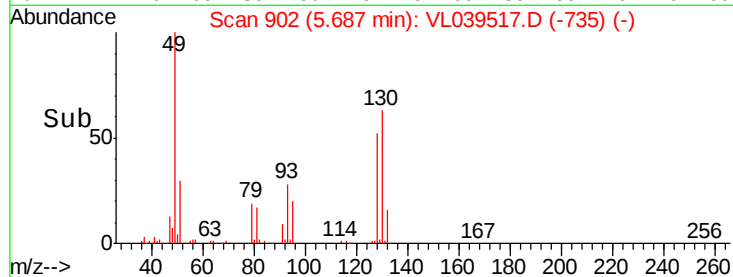
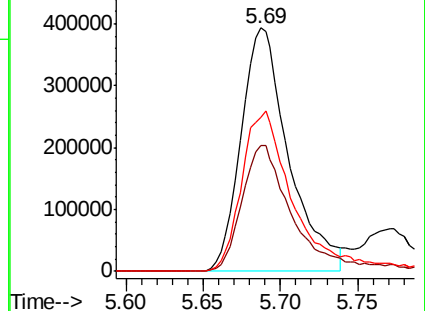
130 75.8 34.3 102.8



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: 0.065 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.02 min

Lab File: VL039517.D

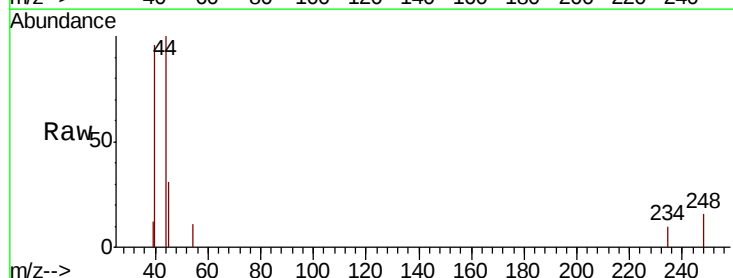
Acq: 20 Jul 2022 19:22

Tgt Ion: 45 Resp: 183

Ion Ratio Lower Upper

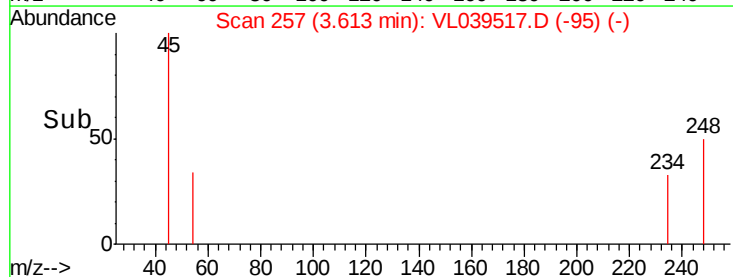
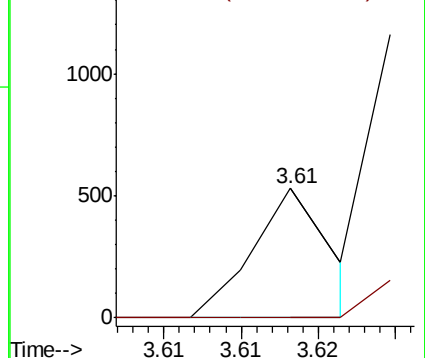
45 100

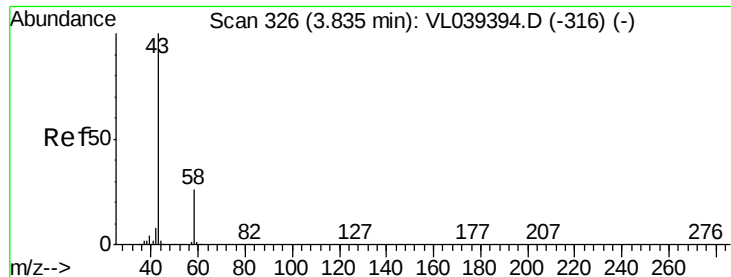
46 0.0 22.8 91.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

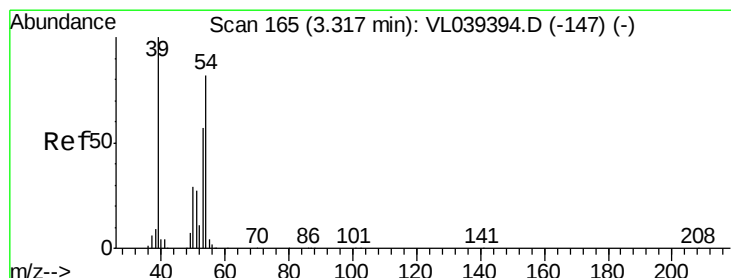
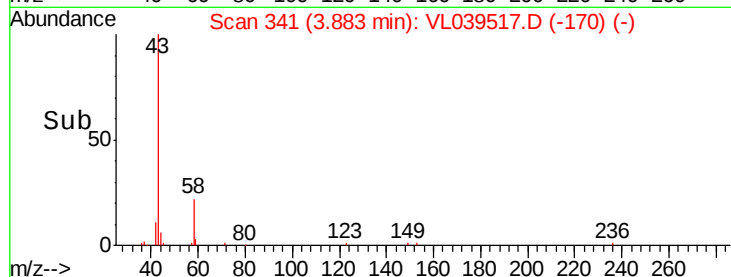
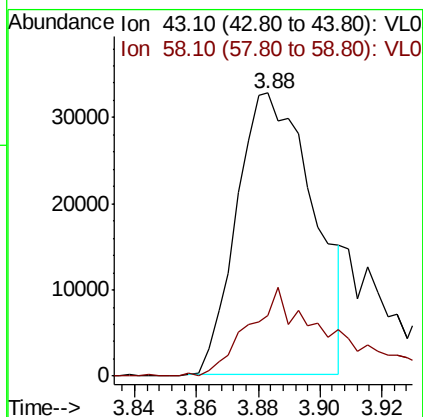
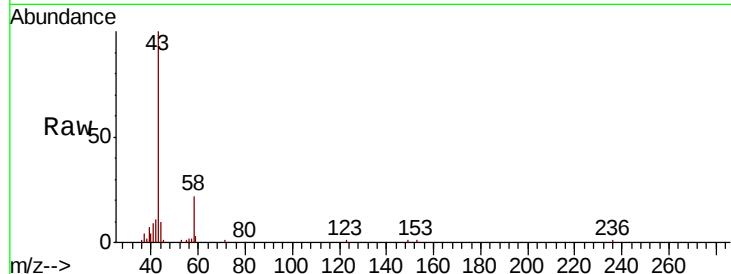
Ion 46.10 (45.80 to 46.80): VL0





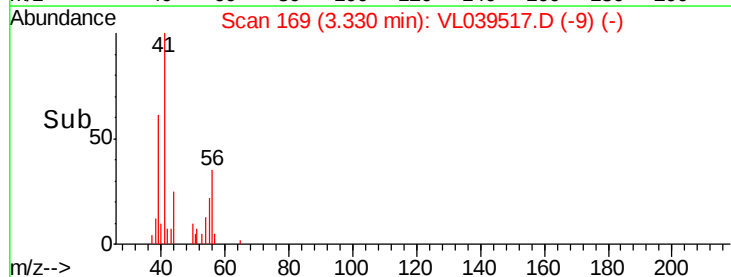
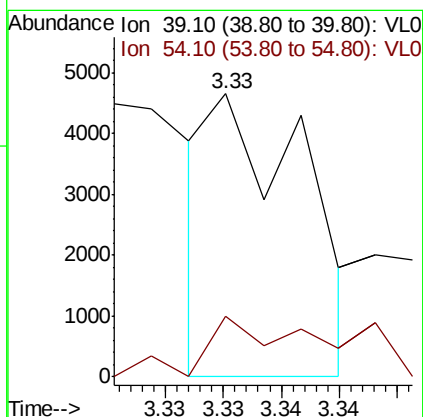
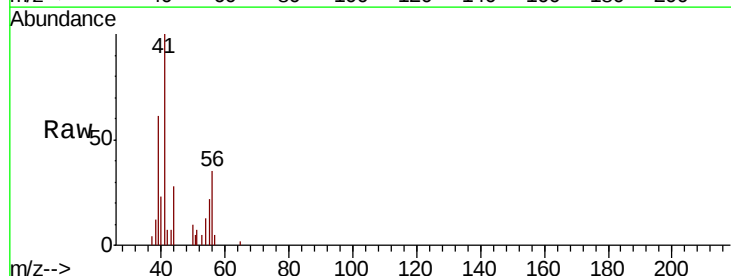
#15
Acetone
Concen: 0.565 ppbv
RT: 3.88
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV-2DL2
Acq: 20 Jul 2022 19:22

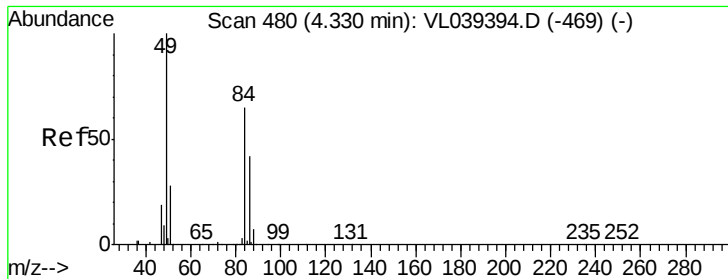
Tot Ion: 43 Resp: 56274
Ion Ratio Lower Upper
43 100
58 38.2 21.0 31.6#



#16
1,3-Butadiene
Concen: 0.051 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL039517.D
Acq: 20 Jul 2022 19:22

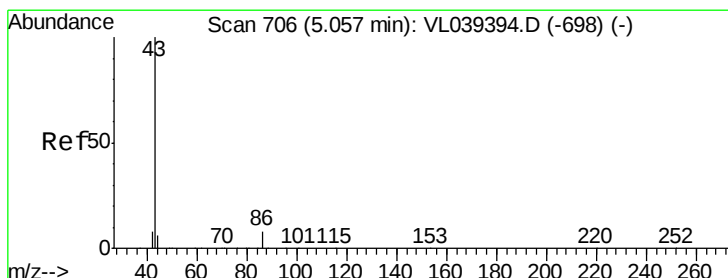
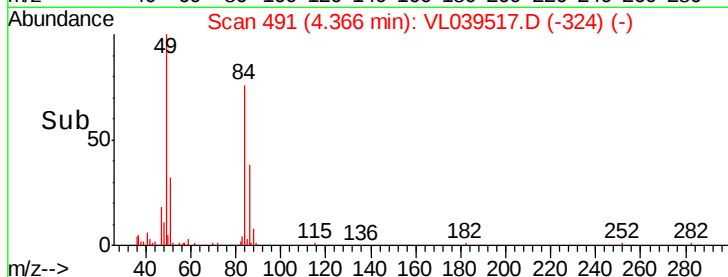
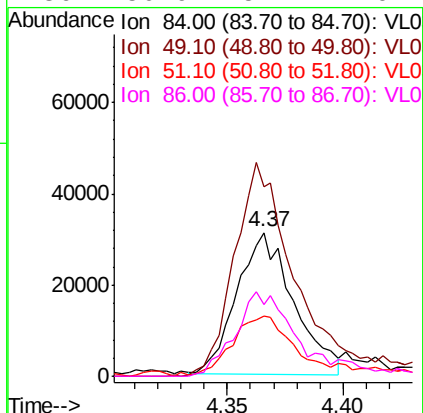
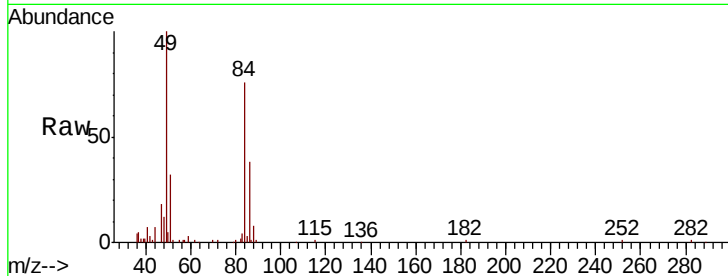
Tgt Ion: 39 Resp: 2643
Ion Ratio Lower Upper
39 100
54 0.0 63.7 95.5#





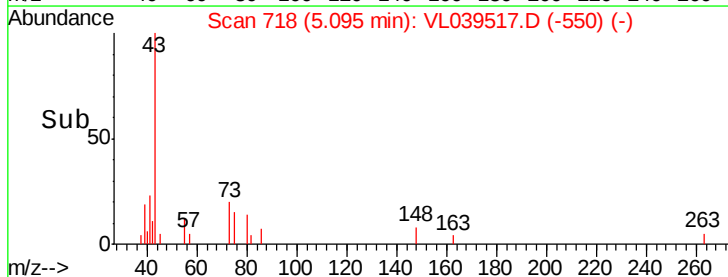
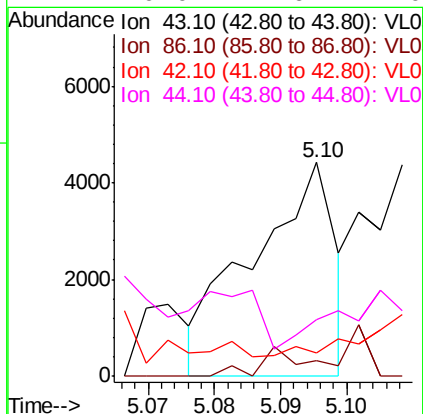
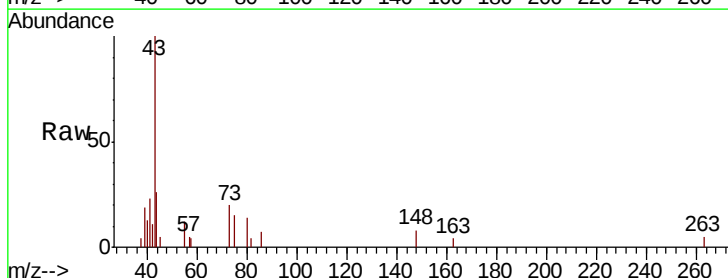
#20
Methvlene Chloride
Concen: 1.326 ppbv
RT: 4.37
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV-2DL2
Acq: 20 Jul 2022 19:22

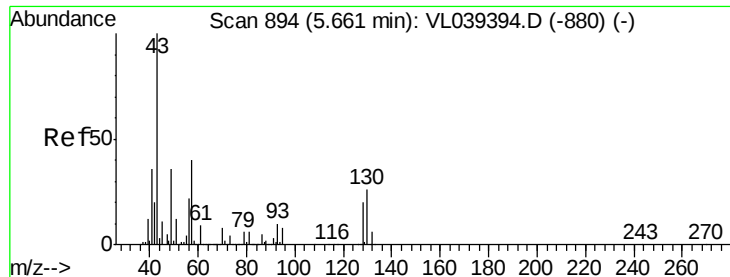
Tot Ion: 84 Resp: 52670
Ion Ratio Lower Upper
84 100
49 134.7 123.1 184.7
51 42.3 34.4 51.6
86 50.9 51.1 76.7#



#23
Vinyl Acetate
Concen: 0.057 ppbv
RT: 5.10 min Scan# 718
Delta R.T. 0.04 min
Lab File: VL039517.D
Acq: 20 Jul 2022 19:22

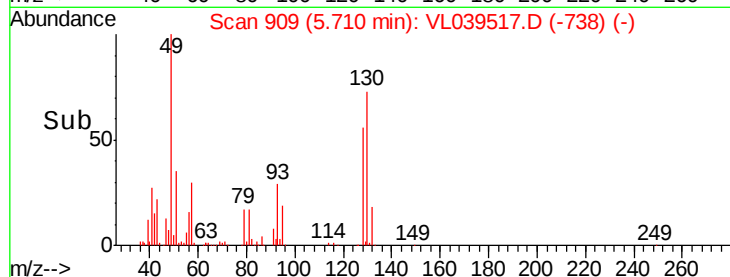
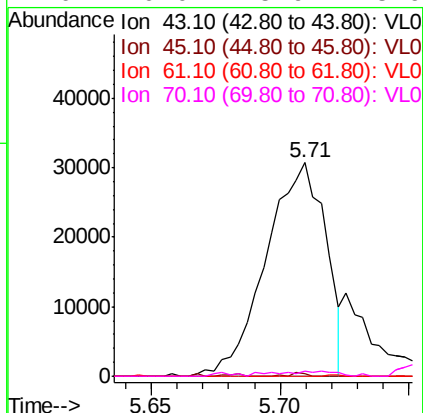
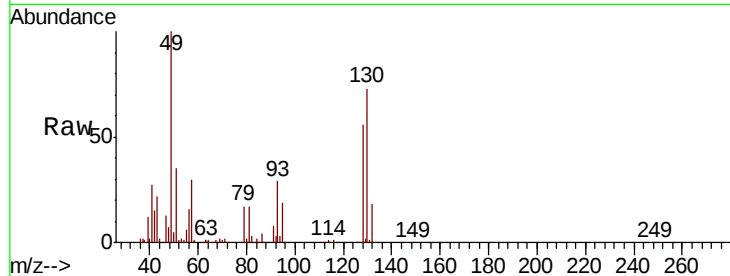
Tgt Ion: 43 Resp: 3811
Ion Ratio Lower Upper
43 100
86 7.0 5.0 7.6
42 0.0 7.7 11.5#
44 0.0 4.6 7.0#





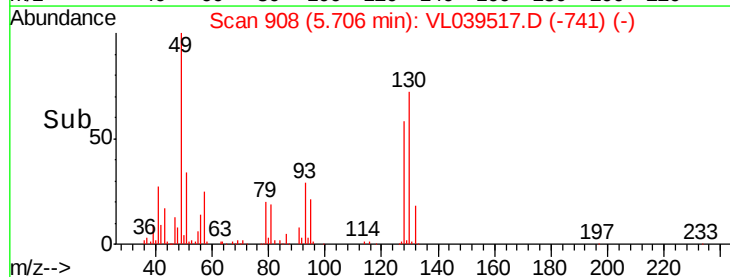
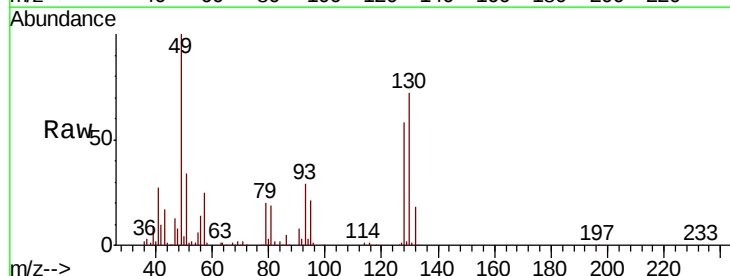
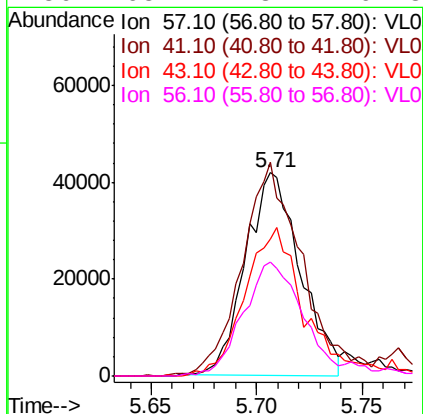
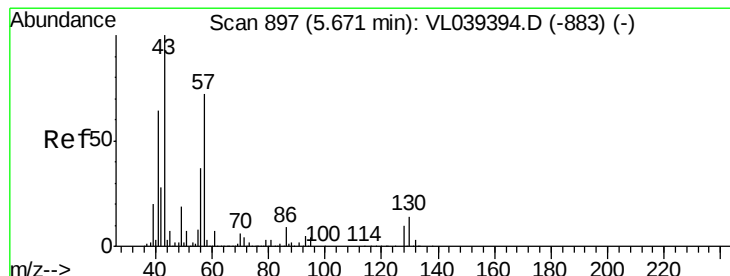
#25
Ethyl Acetate
Concen: 0.242 ppbv
RT: 5.71 min
Delta R.T.: 0.04 min
Lab File: VL039517.D
Acq: 20 Jul 2022 19:22

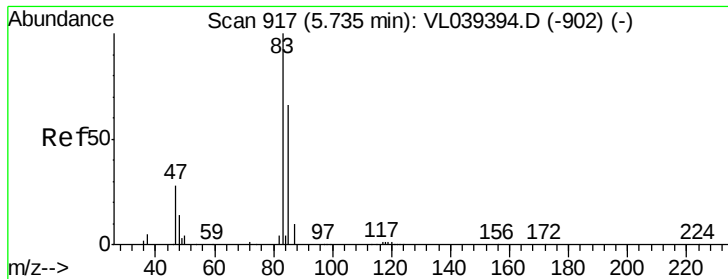
Tot Ion:	43	Resp:	49433
Ion	Ratio	Lower	Upper
43	100		
45	0.4	8.2	12.4#
61	0.0	8.3	12.5#
70	0.0	5.9	8.9#



#26
Hexane
Concen: 0.920 ppbv
RT: 5.71 min Scan# 908
Delta R.T.: 0.04 min
Lab File: VL039517.D
Acq: 20 Jul 2022 19:22

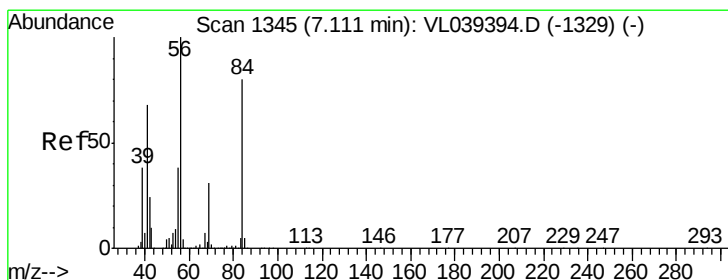
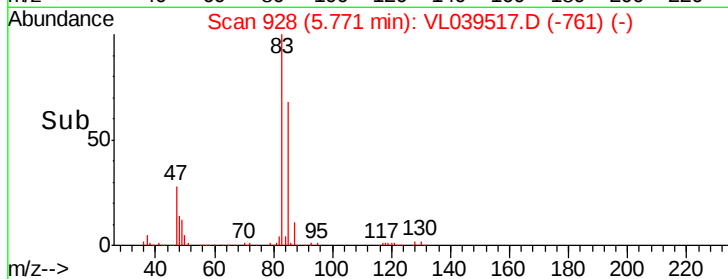
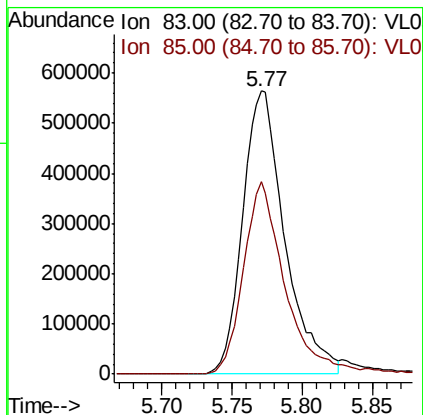
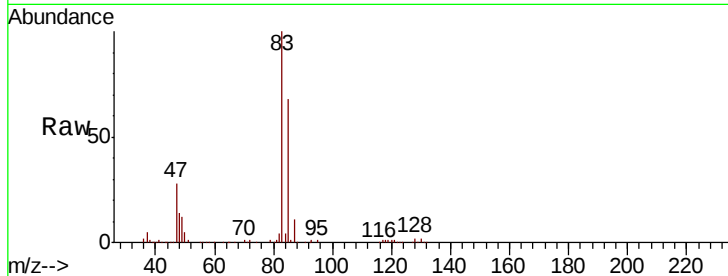
Tgt Ion:	57	Resp:	75752
Ion	Ratio	Lower	Upper
57	100		
41	115.1	76.9	115.3
43	81.4	191.0	286.6#
56	65.4	43.2	64.8#





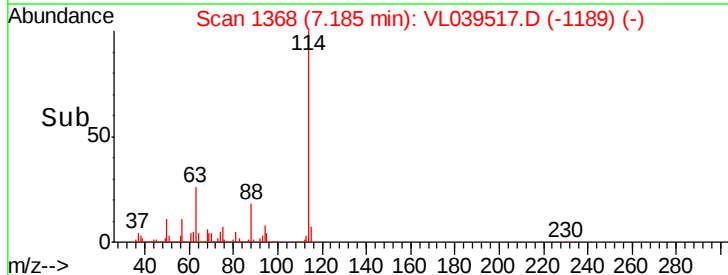
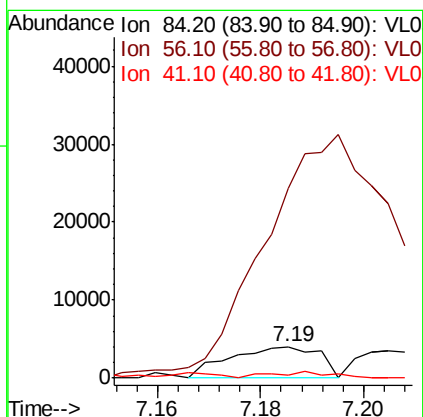
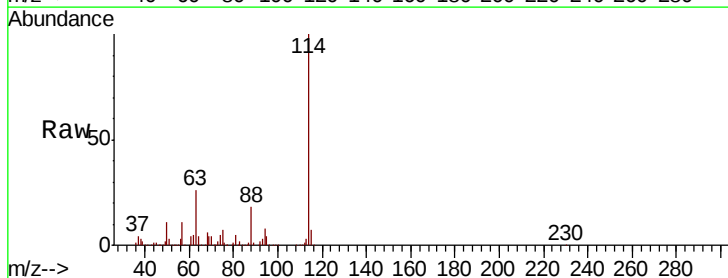
#29
Chloroform
Concen: 8.233 ppbv
RT: 5.77
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV-2DL2
Acq: 20 Jul 2022 19:22

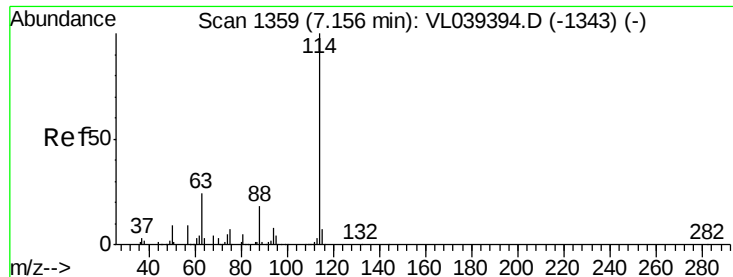
Tot Ion: 83 Resp: 1179171
Ion Ratio Lower Upper
83 100
85 68.0 52.8 79.2



#30
Cyclohexane
Concen: 0.065 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.07 min
Lab File: VL039517.D
Acq: 20 Jul 2022 19:22

Tgt Ion: 84 Resp: 4861
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 35.4 67.7 101.5#

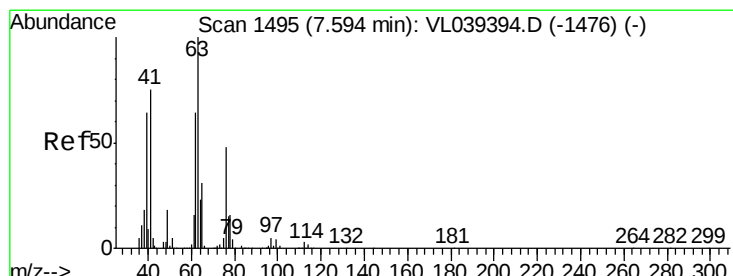
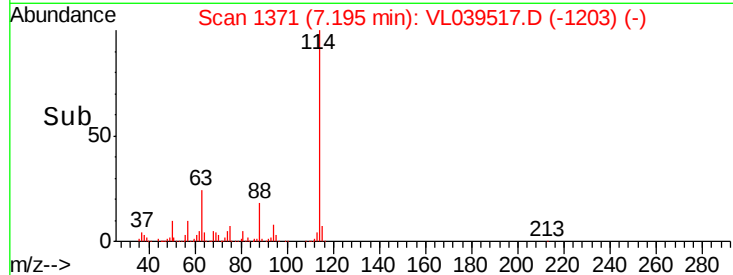
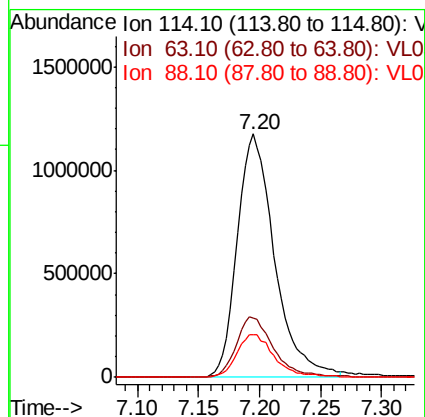
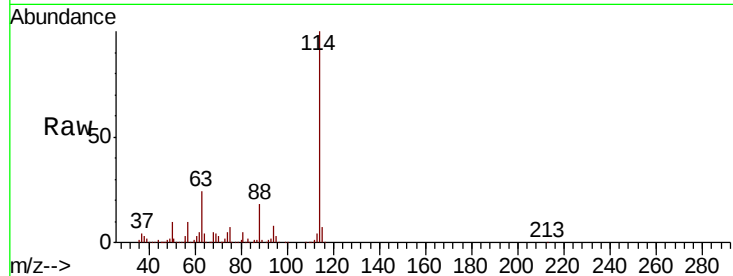




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV-2DL2
 Acq: 20 Jul 2022 19:22

Tot Ion:114 Resp: 2498878

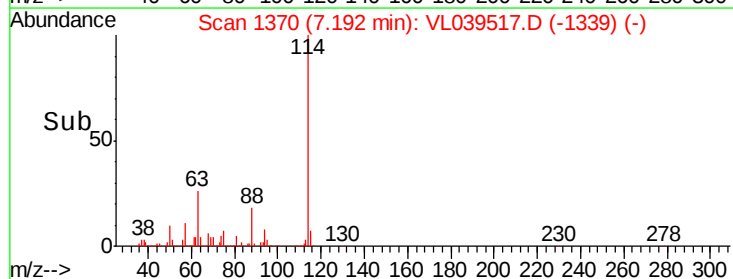
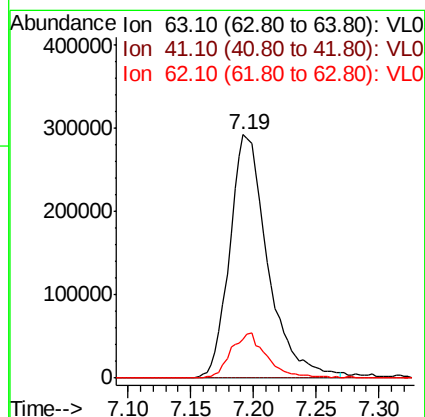
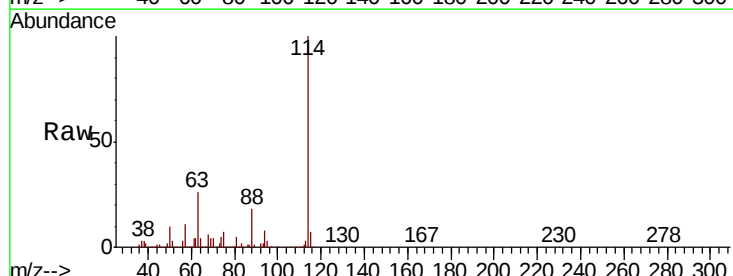
Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.2	30.4
88	18.0	14.5	21.7

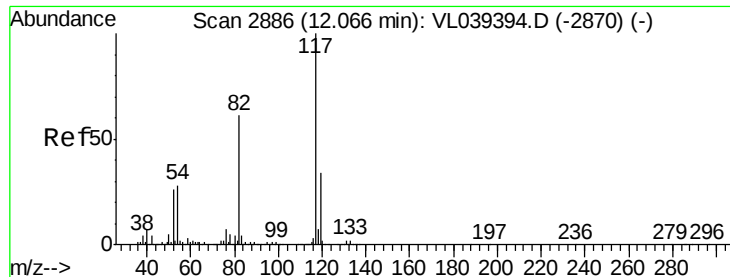


#39
 1,2-Dichloropropane
 Concen: 8.538 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.40 min
 Lab File: VL039517.D
 Acq: 20 Jul 2022 19:22

Tgt Ion: 63 Resp: 616872

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	16.0	51.4	77.0#

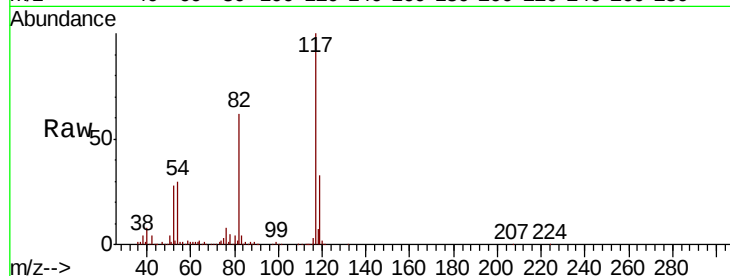




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: SV-2DL2
 Acq: 20 Jul 2022 19:22

Tot Ion: 117 Resp: 2197213

Ion	Ratio	Lower	Upper
117	100		
82	65.8	50.8	76.2
119	34.0	24.1	36.1

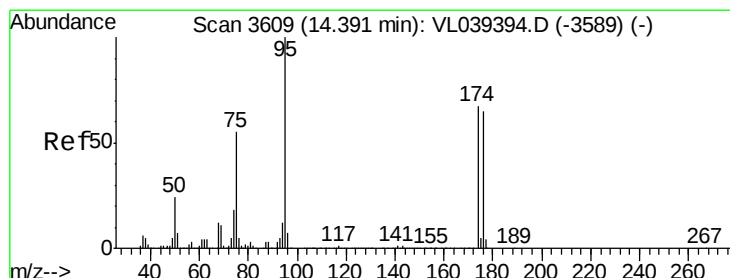
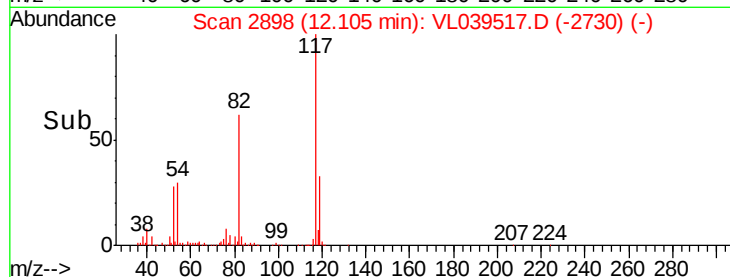
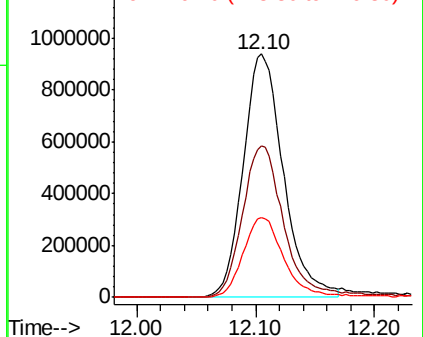


Abundance

Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

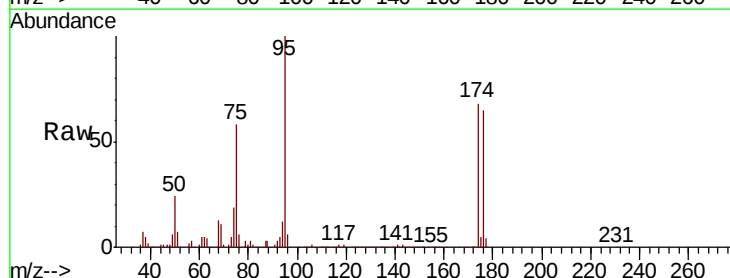
Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.521 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T.: 0.05 min
 Lab File: VL039517.D
 Acq: 20 Jul 2022 19:22

Tgt Ion: 95 Resp: 1714876

Ion	Ratio	Lower	Upper
95	100		
174	71.9	55.9	83.9
175	5.4	4.2	6.4



Abundance

Ion 95.10 (94.80 to 95.80): V

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

