

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062722\
 Data File : VL039364.D
 Acq On : 27 Jun 2022 18:23
 Operator : SY/AP
 Sample : N3489-04DL 50X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3-20220622DL

Quant Time: Jun 28 02:37:55 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	1092397	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3030489	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2656108	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2018828	9.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.90%

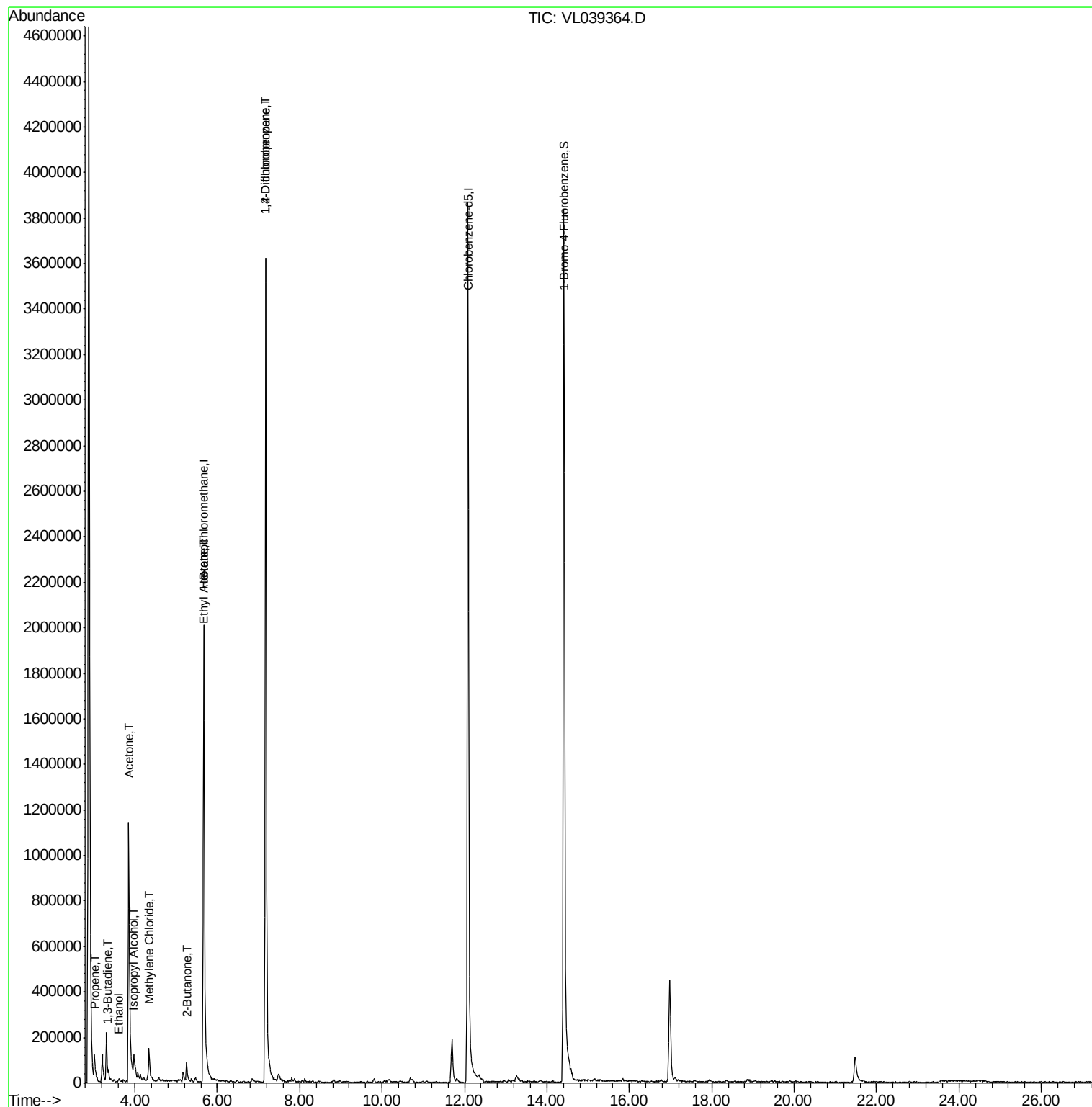
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	49373	0.815	ppbv	94
13) Ethanol	3.60	45	3063	0.927	ppbv #	100
15) Acetone	3.85	43	1626940	14.297	ppbv	99
16) 1,3-Butadiene	3.34	39	5397	0.088	ppbv #	8
19) Isopropyl Alcohol	3.97	45	100417	1.881	ppbv #	93
20) Methylene Chloride	4.35	84	18746	0.391	ppbv	95
25) Ethyl Acetate	5.68	43	12410	0.048	ppbv #	80
26) Hexane	5.68	57	9473	0.084	ppbv #	9
34) 2-Butanone	5.25	43	114035	0.693	ppbv	93
39) 1,2-Dichloropropane	7.18	63	735137	7.512	ppbv #	24

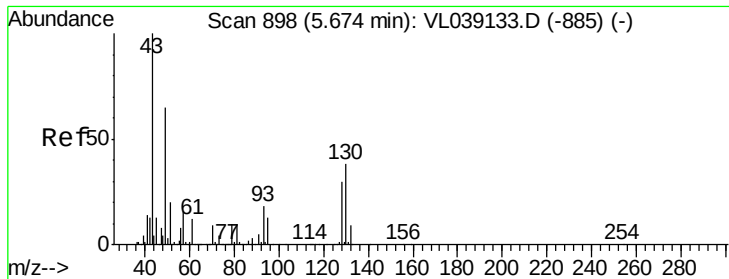
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062722\
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Instrument :
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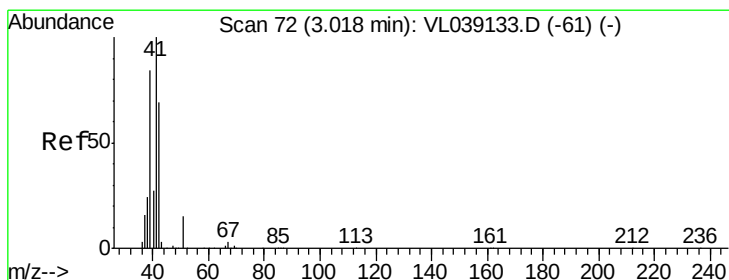
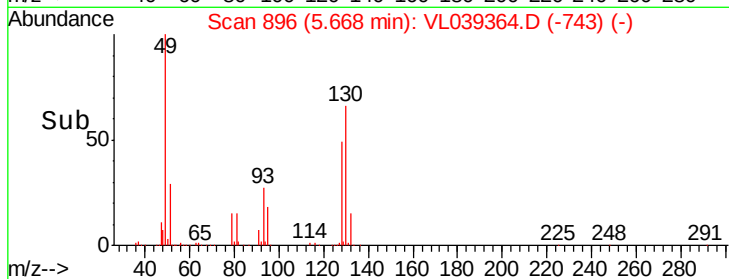
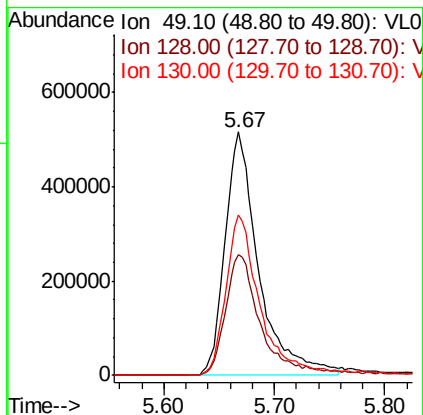
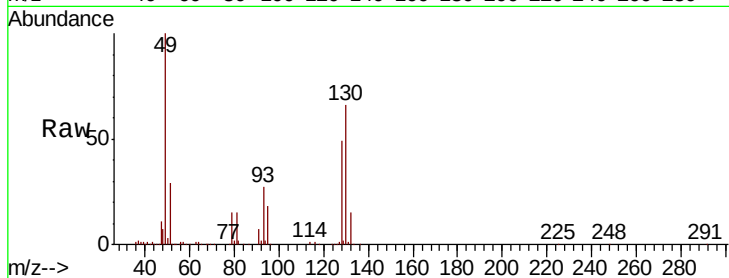
Quant Time: Jun 28 02:37:55 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
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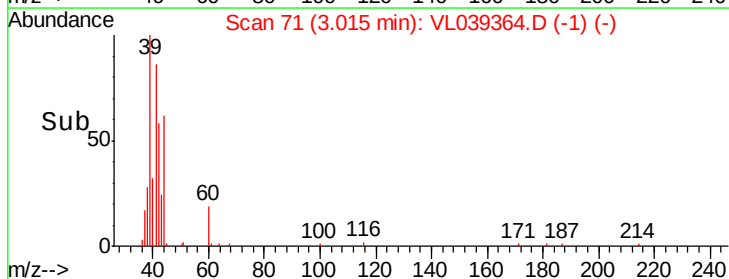
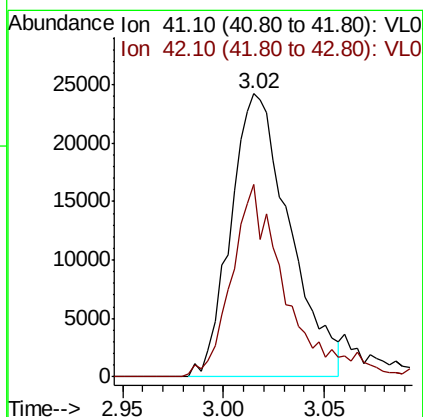
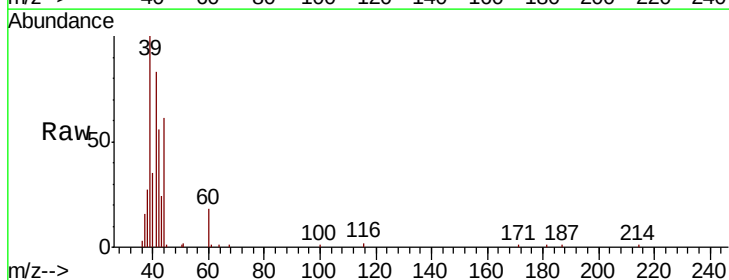
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Jun 2022 18:23

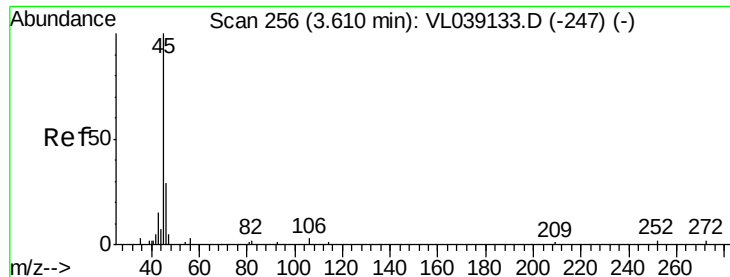
Tot Ion: 49 Resp: 1092397
 Ion Ratio Lower Upper
 49 100
 128 54.0 24.7 74.1
 130 69.4 31.4 94.0



#9
 Propene
 Concen: 0.815 ppbv
 RT: 3.02 min Scan# 71
 Delta R.T.: -0.00 min
 Lab File: VL039364.D
 Acq: 27 Jun 2022 18:23

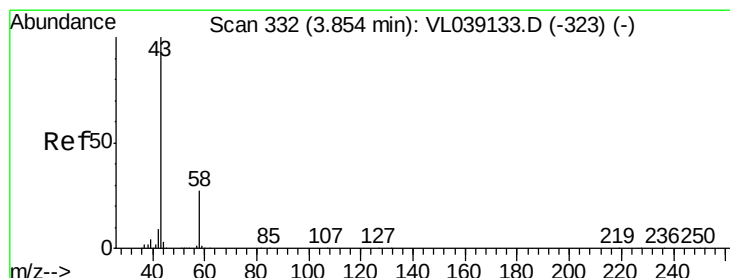
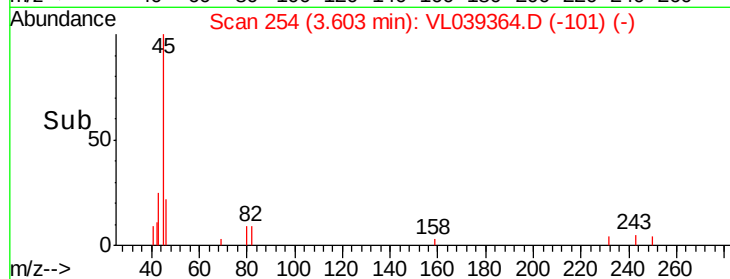
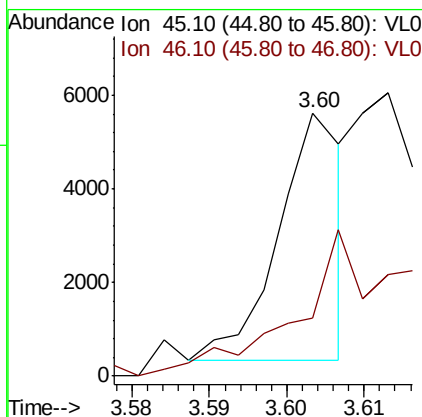
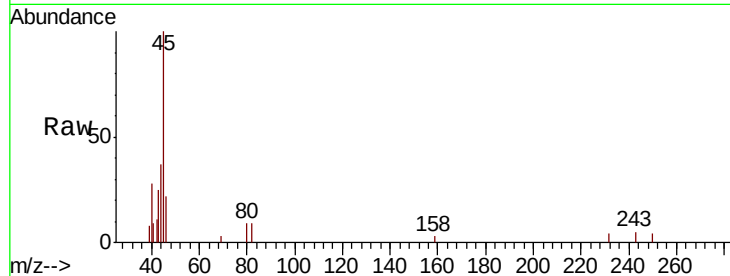
Tgt Ion: 41 Resp: 49373
 Ion Ratio Lower Upper
 41 100
 42 64.1 55.4 83.2





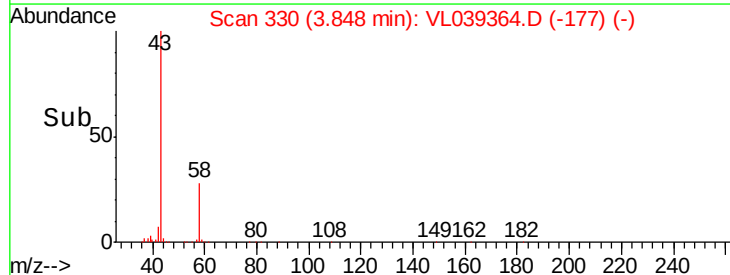
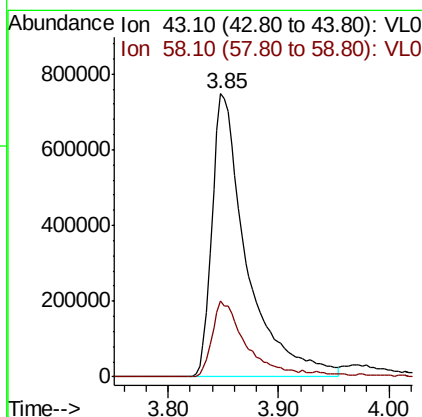
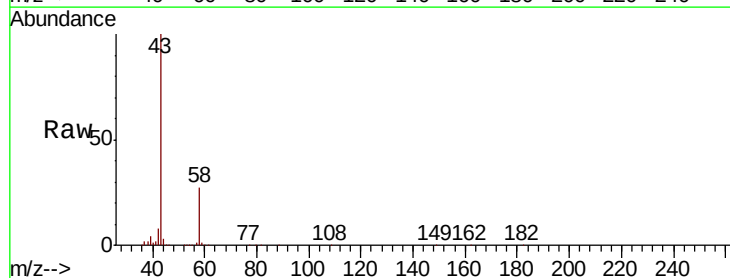
#13
Ethanol
Concen: 0.927 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV-3-20220622DL
Acq: 27 Jun 2022 18:23

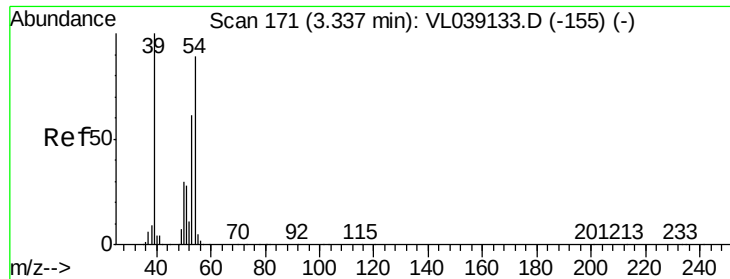
Tot Ion: 45 Resp: 3063
Ion Ratio Lower Upper
45 100
46 216.8 0.0 0.0#



#15
Acetone
Concen: 14.297 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.01 min
Lab File: VL039364.D
Acq: 27 Jun 2022 18:23

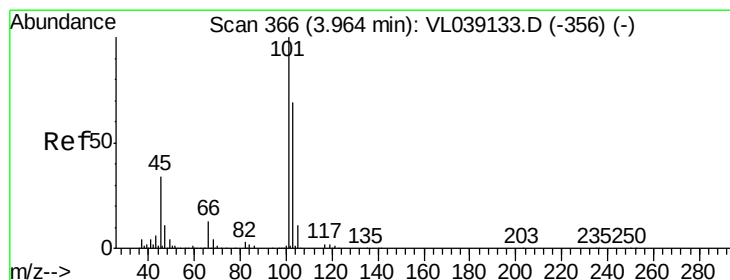
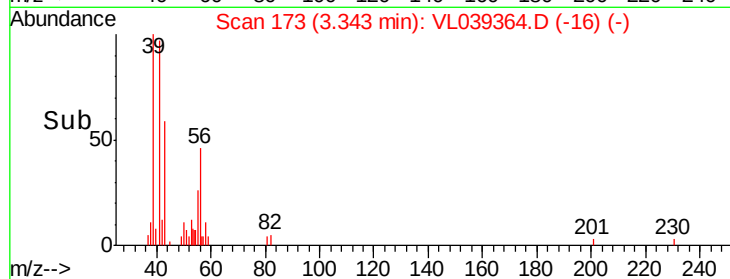
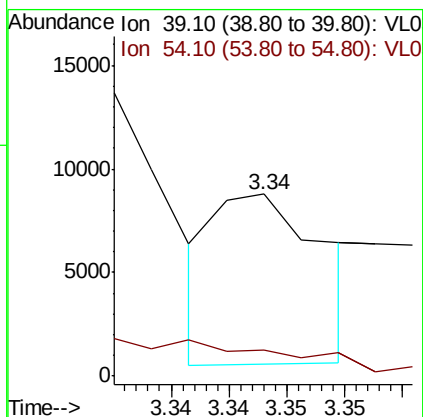
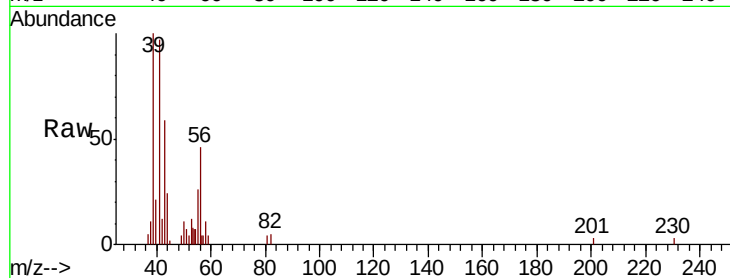
Tgt Ion: 43 Resp: 1626940
Ion Ratio Lower Upper
43 100
58 28.8 22.5 33.7





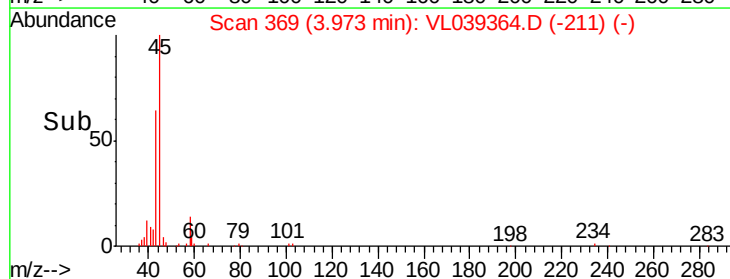
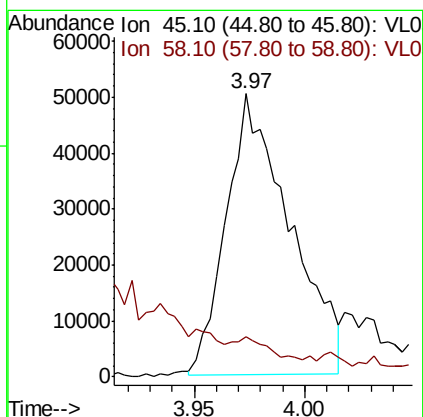
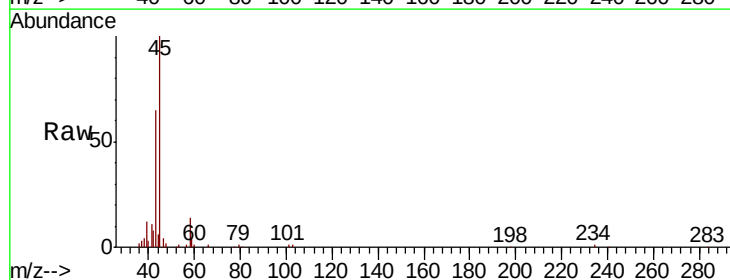
#16
 1,3-Butadiene
 Concen: 0.088 ppbv
 RT: 3.34
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV-3-20220622DL
 Acq: 27 Jun 2022 18:23

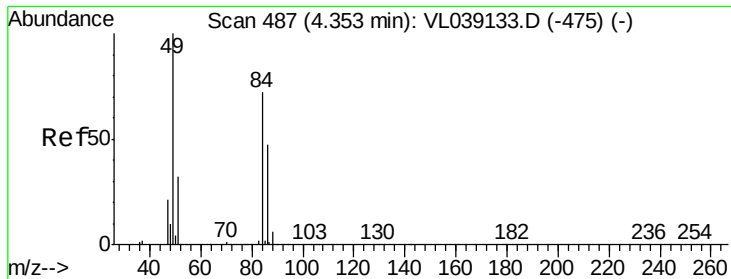
Tot Ion: 39 Resp: 5397
 Ion Ratio Lower Upper
 39 100
 54 0.0 65.8 98.6#



#19
 Isopropyl Alcohol
 Concen: 1.881 ppbv
 RT: 3.97 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VL039364.D
 Acq: 27 Jun 2022 18:23

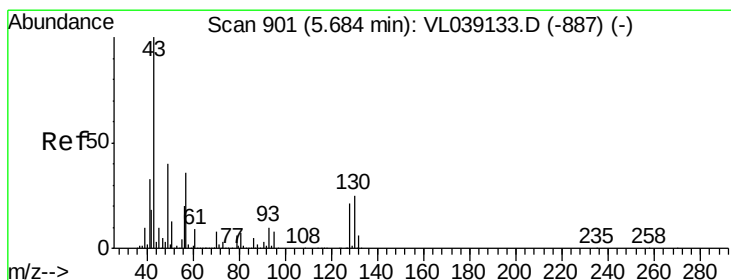
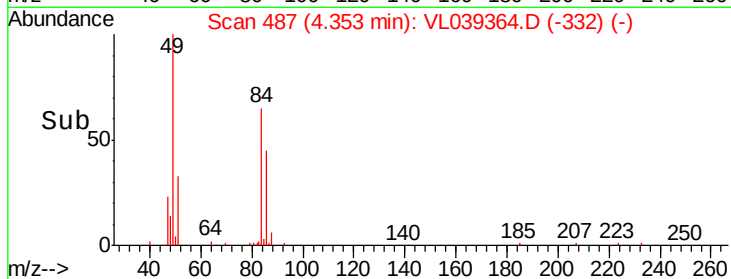
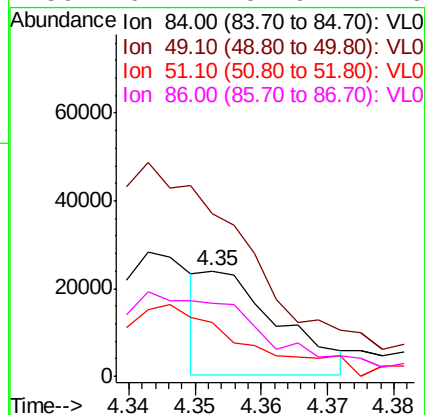
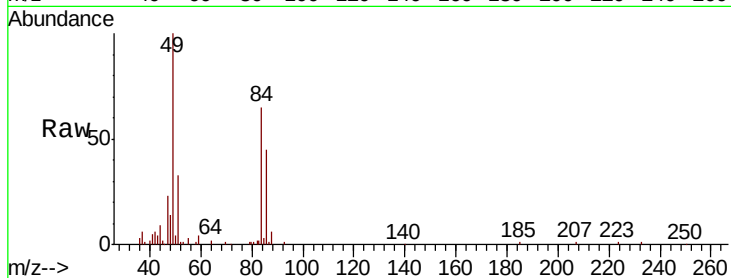
Tgt Ion: 45 Resp: 100417
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.8 2.8#





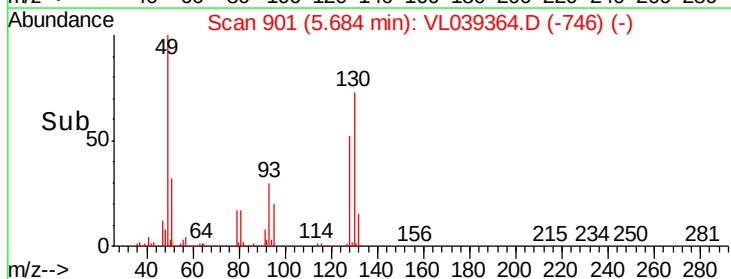
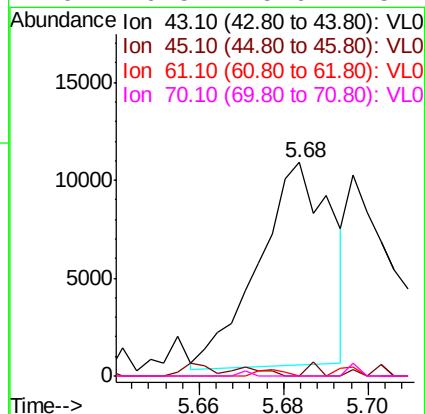
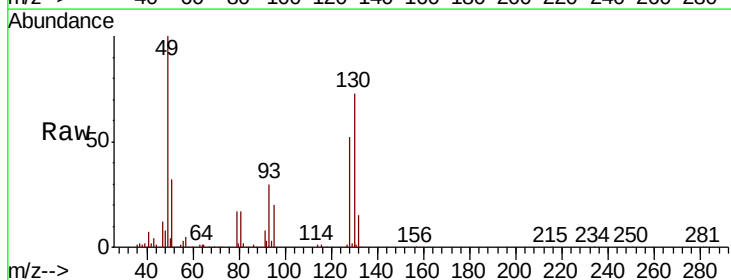
#20
Methylene Chloride
Concen: 0.391 ppbv
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SV-3-20220622DL
Acq: 27 Jun 2022 18:23

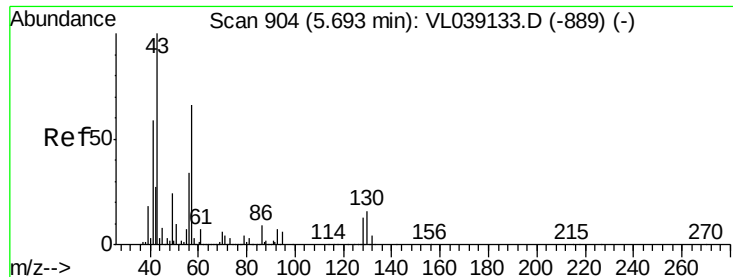
Tot Ion:	84	Resp:	18746
Ion	Ratio	Lower	Upper
84	100		
49	145.6	111.1	166.7
51	41.2	35.3	52.9
86	67.2	51.9	77.9



#25
Ethyl Acetate
Concen: 0.048 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL039364.D
Acq: 27 Jun 2022 18:23

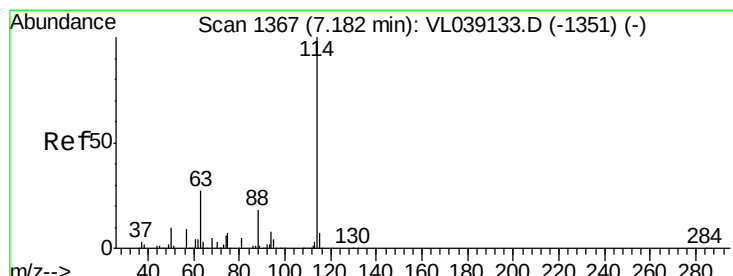
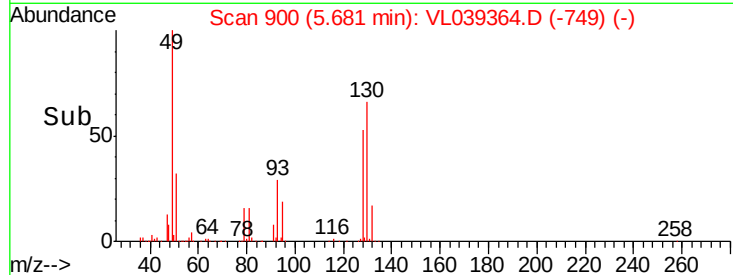
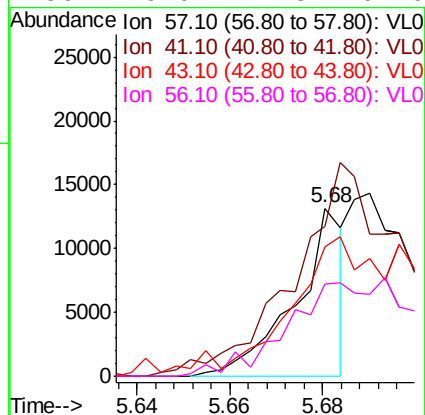
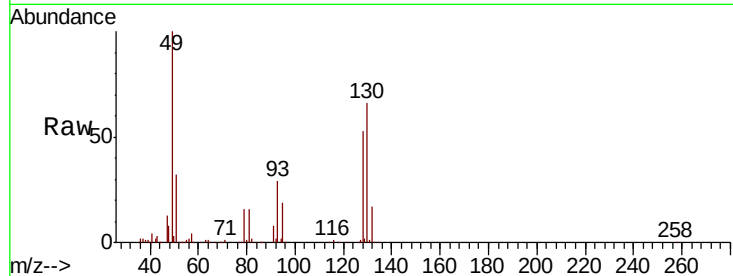
Tgt Ion:	43	Resp:	12410
Ion	Ratio	Lower	Upper
43	100		
45	5.5	8.2	12.2#
61	0.0	8.4	12.6#
70	0.5	5.6	8.4#





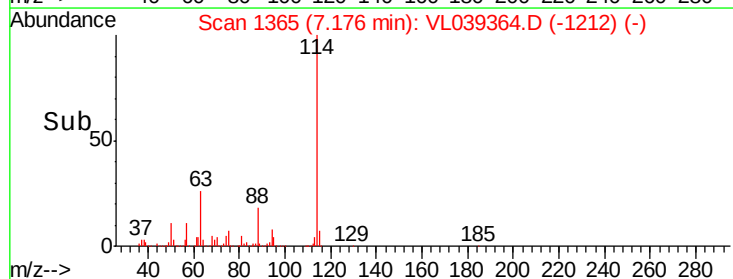
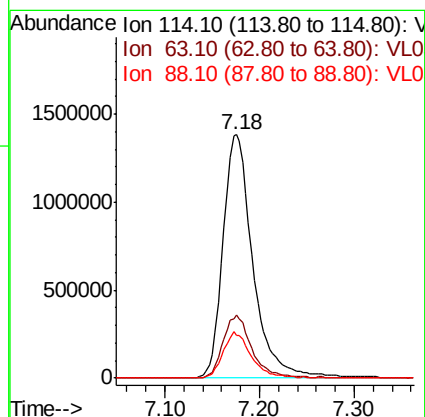
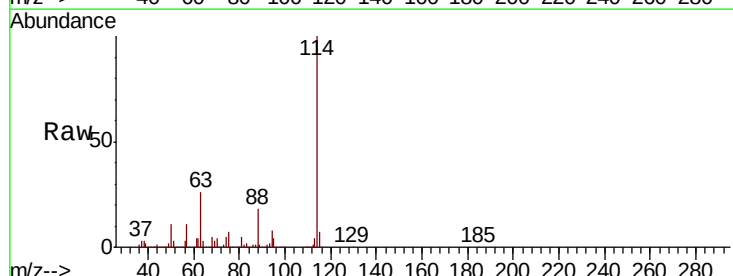
#26
Hexane
Concen: 0.084 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Jun 2022 18:23 SV-3-20220622DL

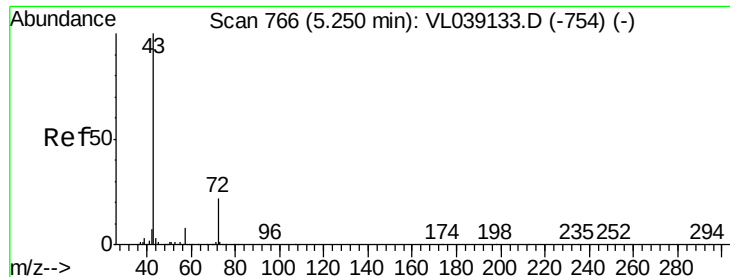
Tot Ion:	57	Resp:	9473
Ion	Ratio	Lower	Upper
57	100		
41	358.1	72.4	108.6#
43	267.1	187.0	280.6
56	0.0	41.8	62.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL039364.D
Acq: 27 Jun 2022 18:23

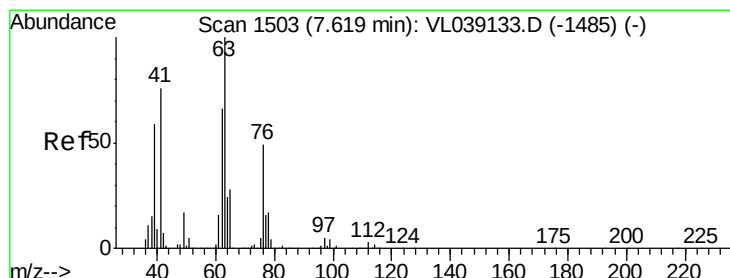
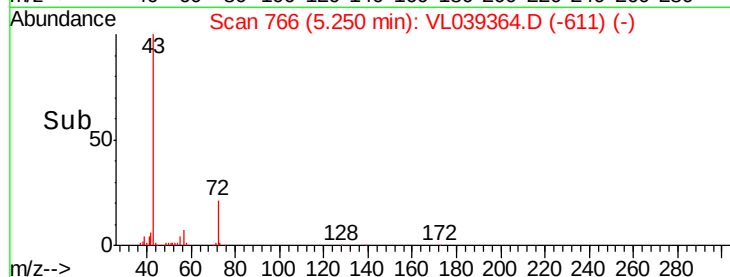
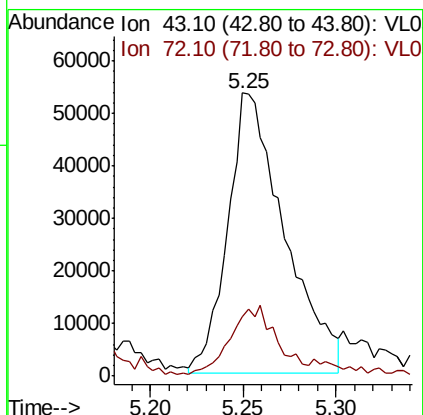
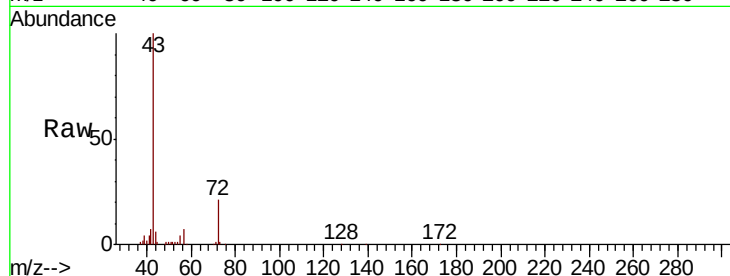
Tgt Ion:	114	Resp:	3030489
Ion	Ratio	Lower	Upper
114	100		
63	25.6	21.7	32.5
88	18.2	14.8	22.2





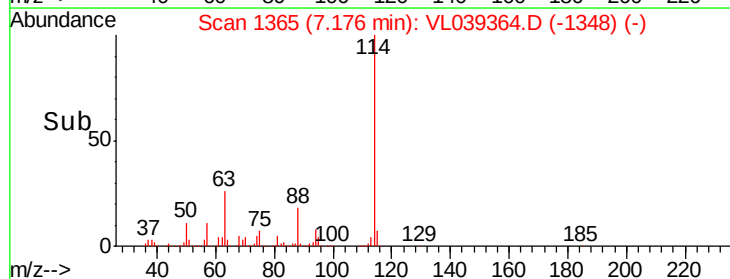
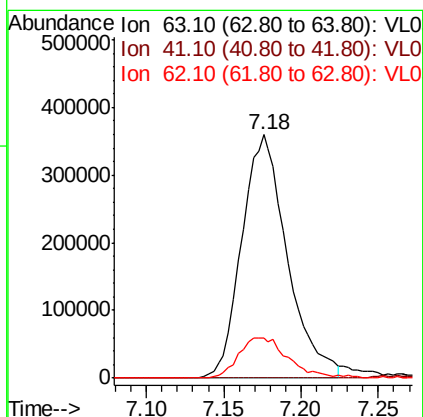
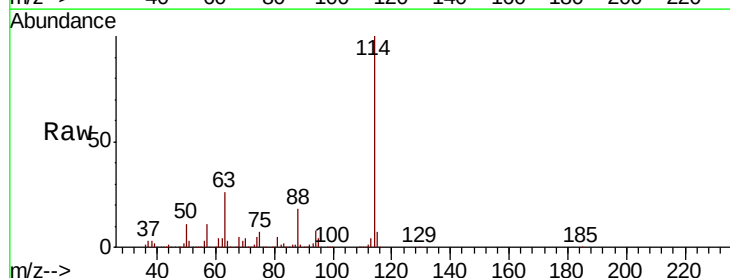
#34
 2-Butanone
 Concen: 0.693 ppbv
 RT: 5.25
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV-3-20220622DL
 Acq: 27 Jun 2022 18:23

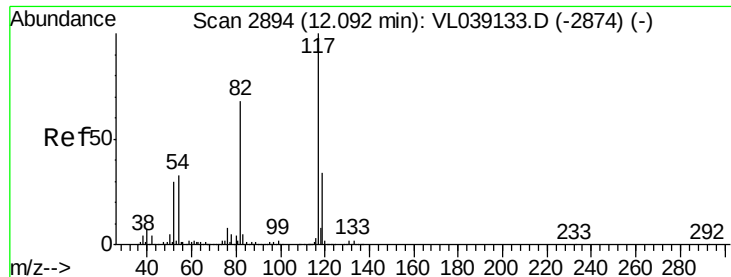
Tot Ion: 43 Resp: 114035
 Ion Ratio Lower Upper
 43 100
 72 26.2 18.2 27.2



#39
 1,2-Dichloropropane
 Concen: 7.512 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.44 min
 Lab File: VL039364.D
 Acq: 27 Jun 2022 18:23

Tgt Ion: 63 Resp: 735137
 Ion Ratio Lower Upper
 63 100
 41 0.0 60.8 91.2#
 62 16.4 52.9 79.3#

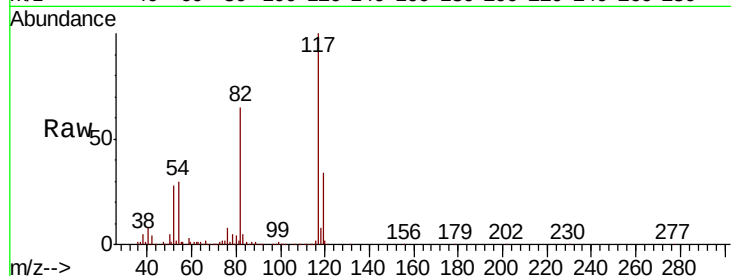




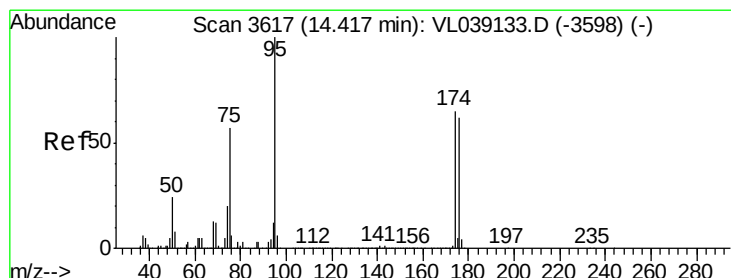
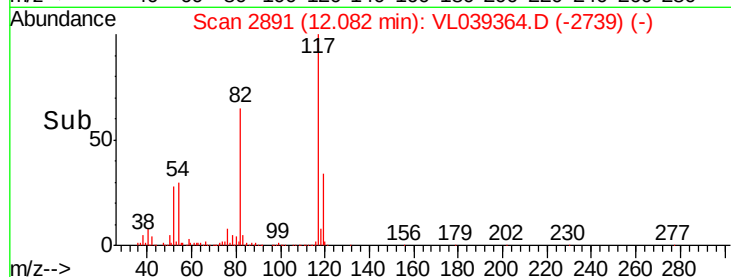
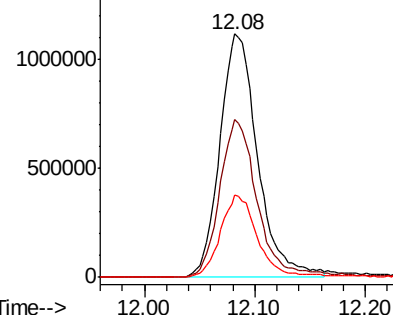
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : SV-3-20220622DL
Acq: 27 Jun 2022 18:23

Tot Ion: 117 Resp: 2656108

Ion	Ratio	Lower	Upper
117	100		
82	65.6	55.1	82.7
119	33.8	24.7	37.1



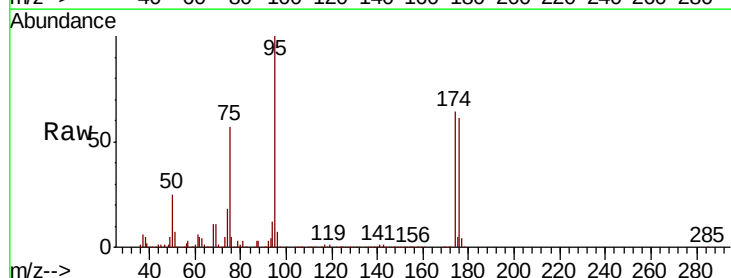
Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.194 ppbv
RT: 14.41 min Scan# 3615
Delta R.T.: -0.01 min
Lab File: VL039364.D
Acq: 27 Jun 2022 18:23

Tgt Ion: 95 Resp: 2018828

Ion	Ratio	Lower	Upper
95	100		
174	69.4	53.8	80.8
175	5.1	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

