

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070522\
 Data File : VL039420.D
 Acq On : 5 Jul 2022 15:04
 Operator : SY/AP
 Sample : VL0705ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0705ABL01

Quant Time: Jul 06 02:34:47 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	5.67	49	1192052	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3395213	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	2865007	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2135400	10.05	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

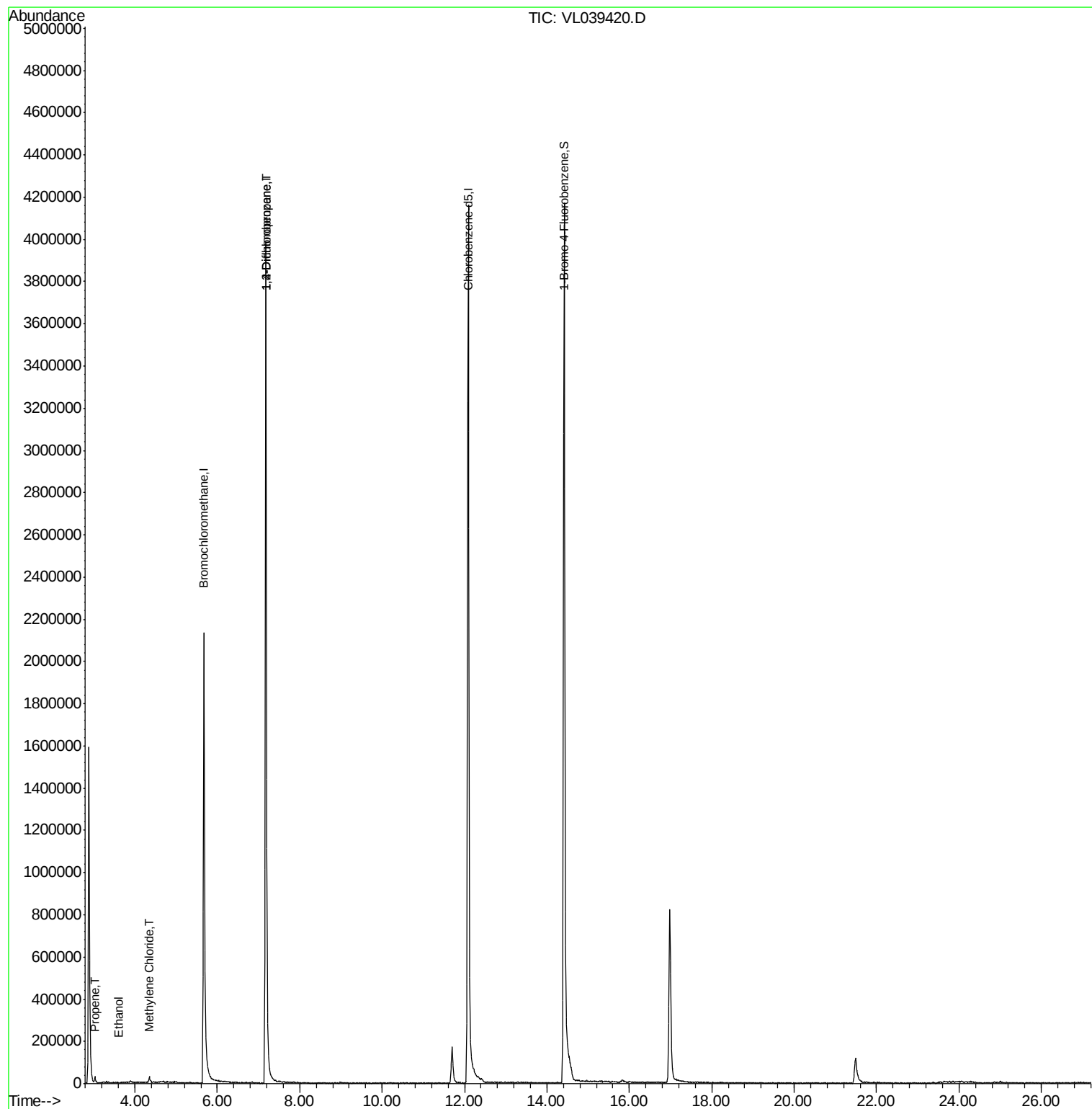
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	7901	0.116	ppbv	86
13) Ethanol	3.62	45	287	0.072	ppbv #	23
20) Methylene Chloride	4.35	84	6048	0.108	ppbv #	60
39) 1,2-Dichloropropane	7.18	63	855607	8.716	ppbv #	25

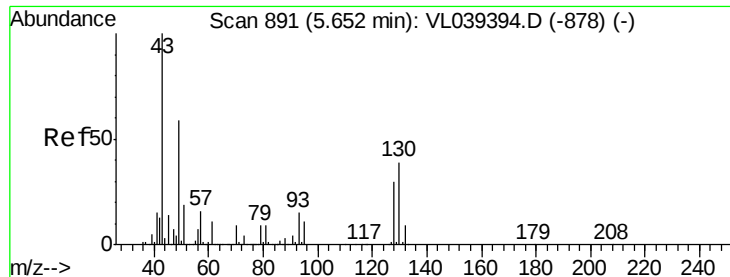
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 5 Jul 2022 15:04

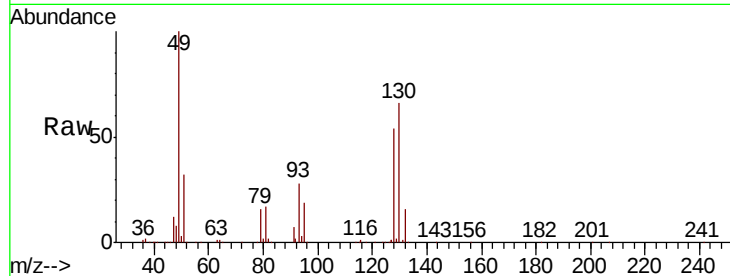
Tot Ion: 49 Resp: 1192052

Ion Ratio Lower Upper

49 100

128 56.0 26.7 80.0

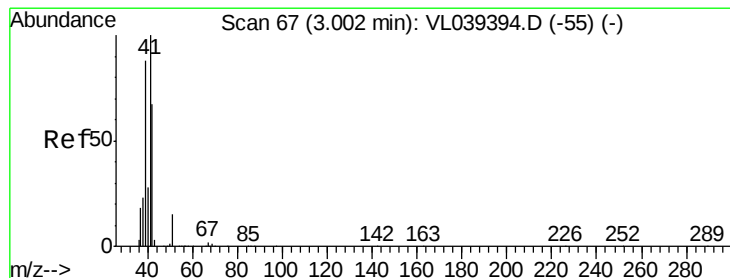
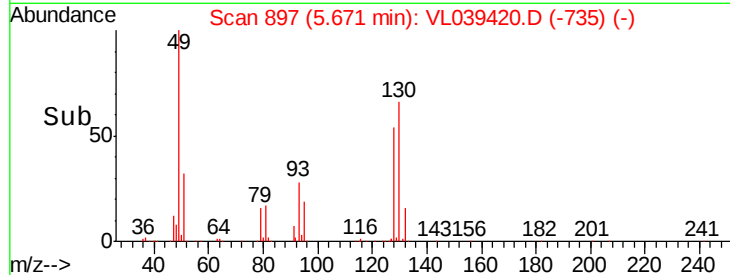
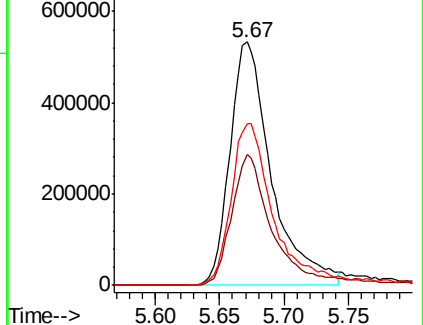
130 70.3 34.3 102.8



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



#9

Propene

Concen: 0.116 ppbv

RT: 3.03 min Scan# 76

Delta R.T. 0.03 min

Lab File: VL039420.D

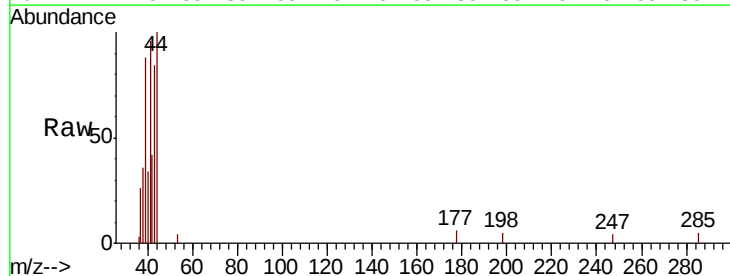
Acq: 5 Jul 2022 15:04

Tgt Ion: 41 Resp: 7901

Ion Ratio Lower Upper

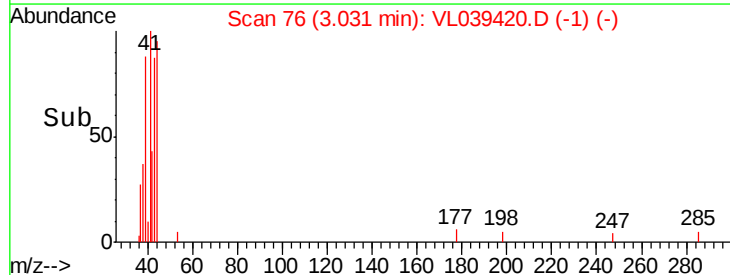
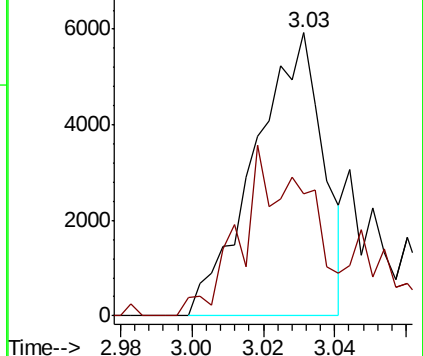
41 100

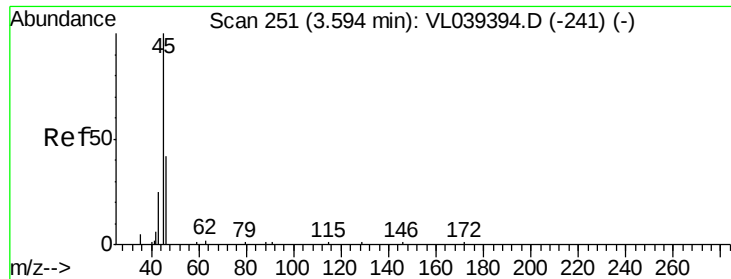
42 80.6 55.2 82.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

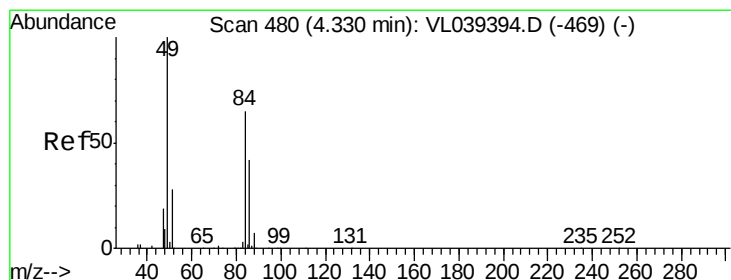
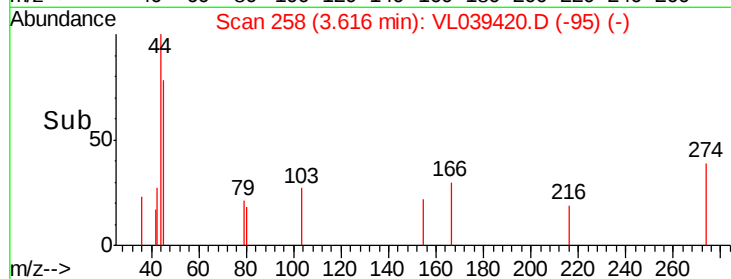
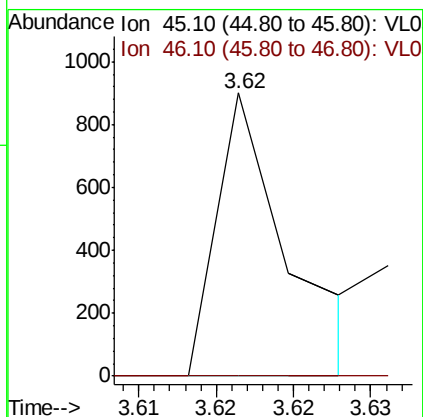
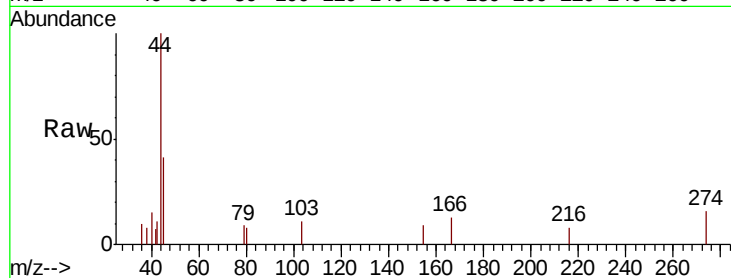
Ion 42.10 (41.80 to 42.80): VL0





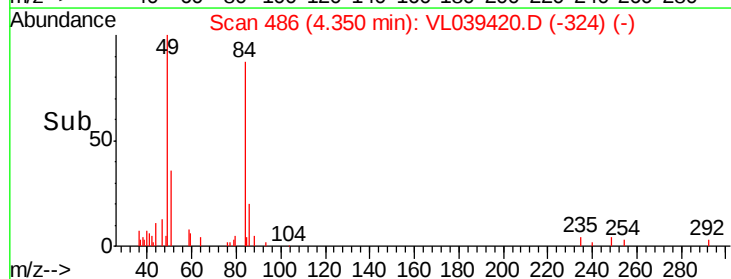
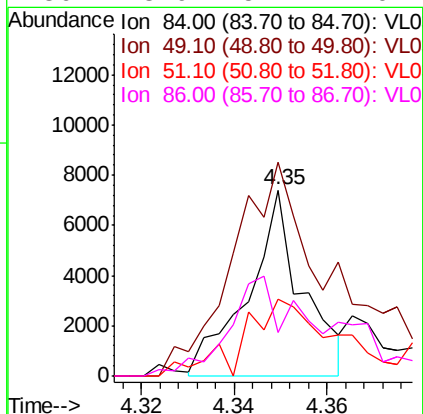
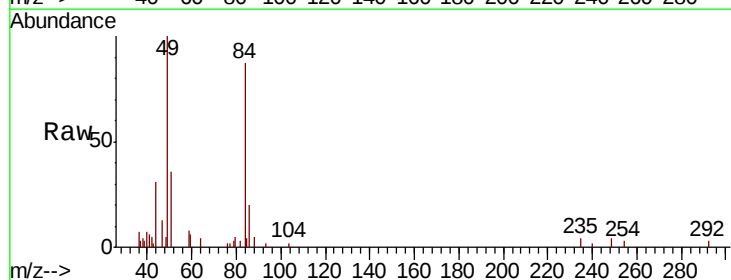
#13
Ethanol
Concen: 0.072 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 Jul 2022 15:04

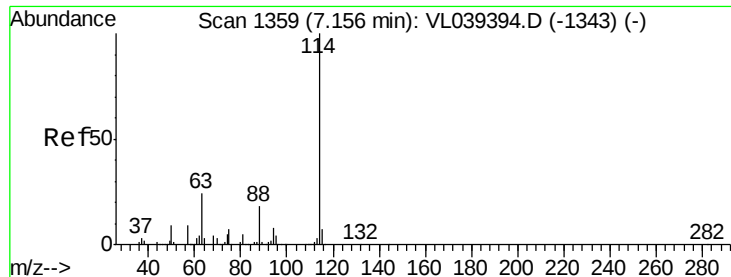
Tot Ion: 45 Resp: 287
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#



#20
Methylene Chloride
Concen: 0.108 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.02 min
Lab File: VL039420.D
Acq: 5 Jul 2022 15:04

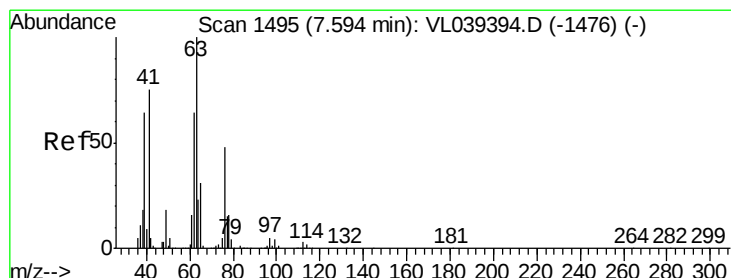
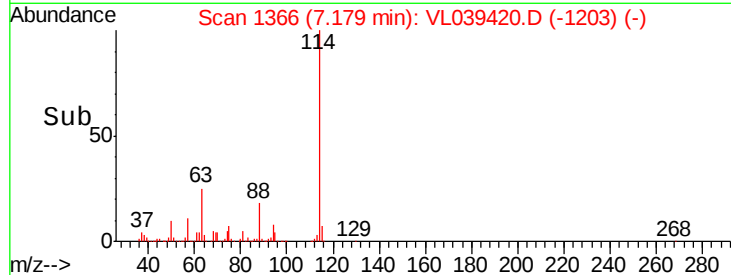
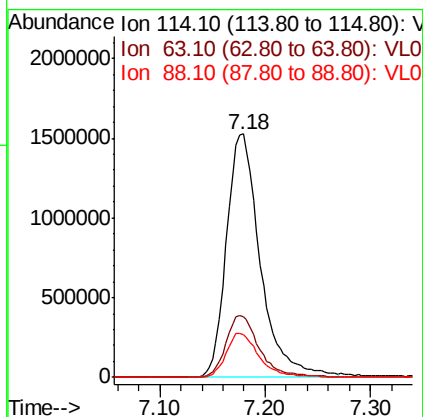
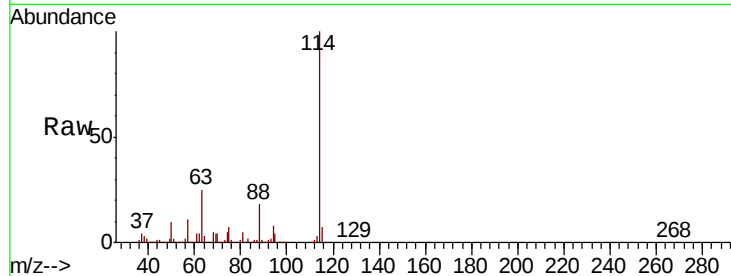
Tgt Ion: 84 Resp: 6048
Ion Ratio Lower Upper
84 100
49 103.5 123.1 184.7#
51 37.8 34.4 51.6
86 13.9 51.1 76.7#





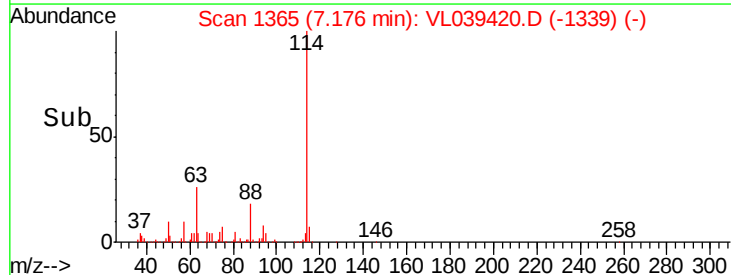
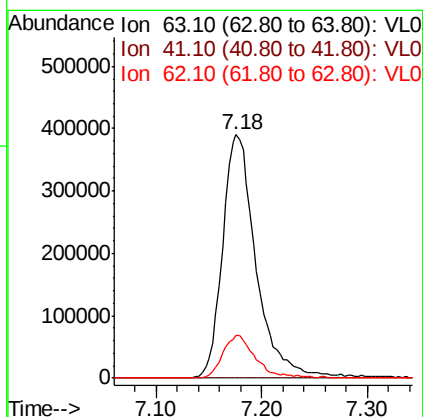
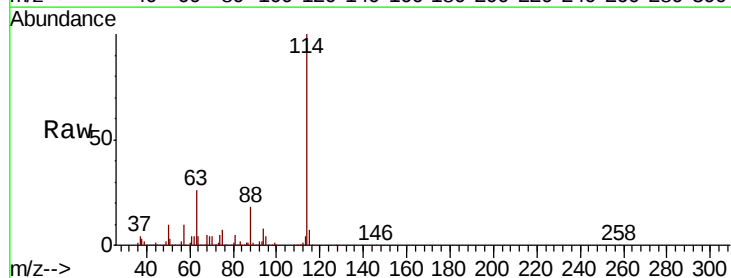
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VL0705ABL01
 Acq: 5 Jul 2022 15:04

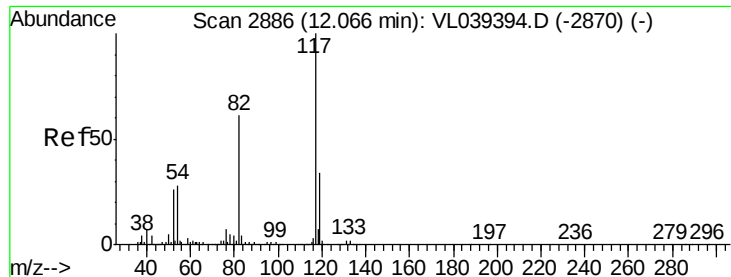
Tot Ion:	114	Resp:	3395213
Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.2	30.4
88	18.0	14.5	21.7



#39
 1,2-Dichloropropane
 Concen: 8.716 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T.: -0.42 min
 Lab File: VL039420.D
 Acq: 5 Jul 2022 15:04

Tgt Ion:	63	Resp:	855607
Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.6	89.4#
62	17.3	51.4	77.0#

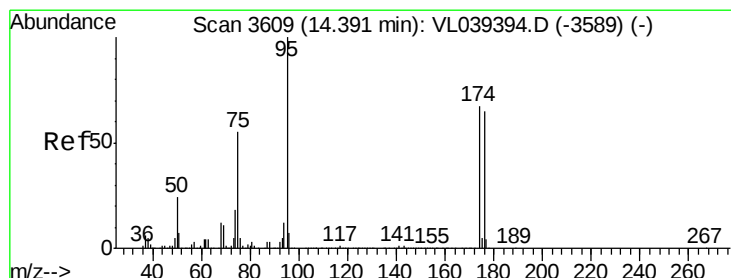
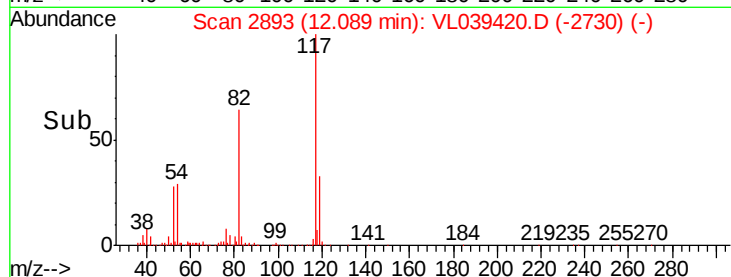
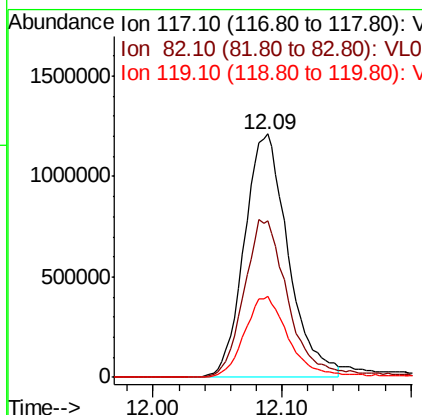
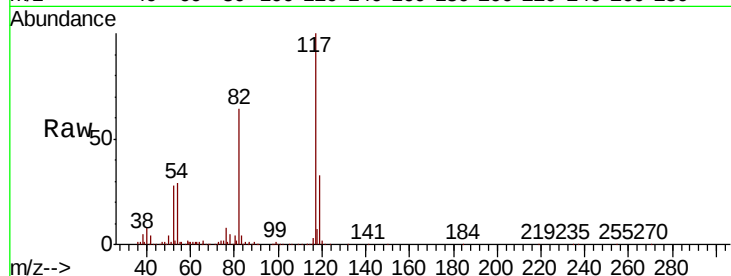




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0705ABL01
 Acq: 5 Jul 2022 15:04

Tot Ion: 117 Resp: 2865007

Ion	Ratio	Lower	Upper
117	100		
82	66.8	50.8	76.2
119	34.6	24.1	36.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.047 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T.: 0.03 min
 Lab File: VL039420.D
 Acq: 5 Jul 2022 15:04

Tgt Ion: 95 Resp: 2135400

Ion	Ratio	Lower	Upper
95	100		
174	72.5	55.9	83.9
175	5.4	4.2	6.4

