

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041922\
 Data File : VL038944.D
 Acq On : 19 Apr 2022 11:20
 Operator : SY/AP
 Sample : VL0419ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABL01

Quant Time: Apr 20 04:23:44 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1170654	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3100404	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2710535	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2039017	9.92	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

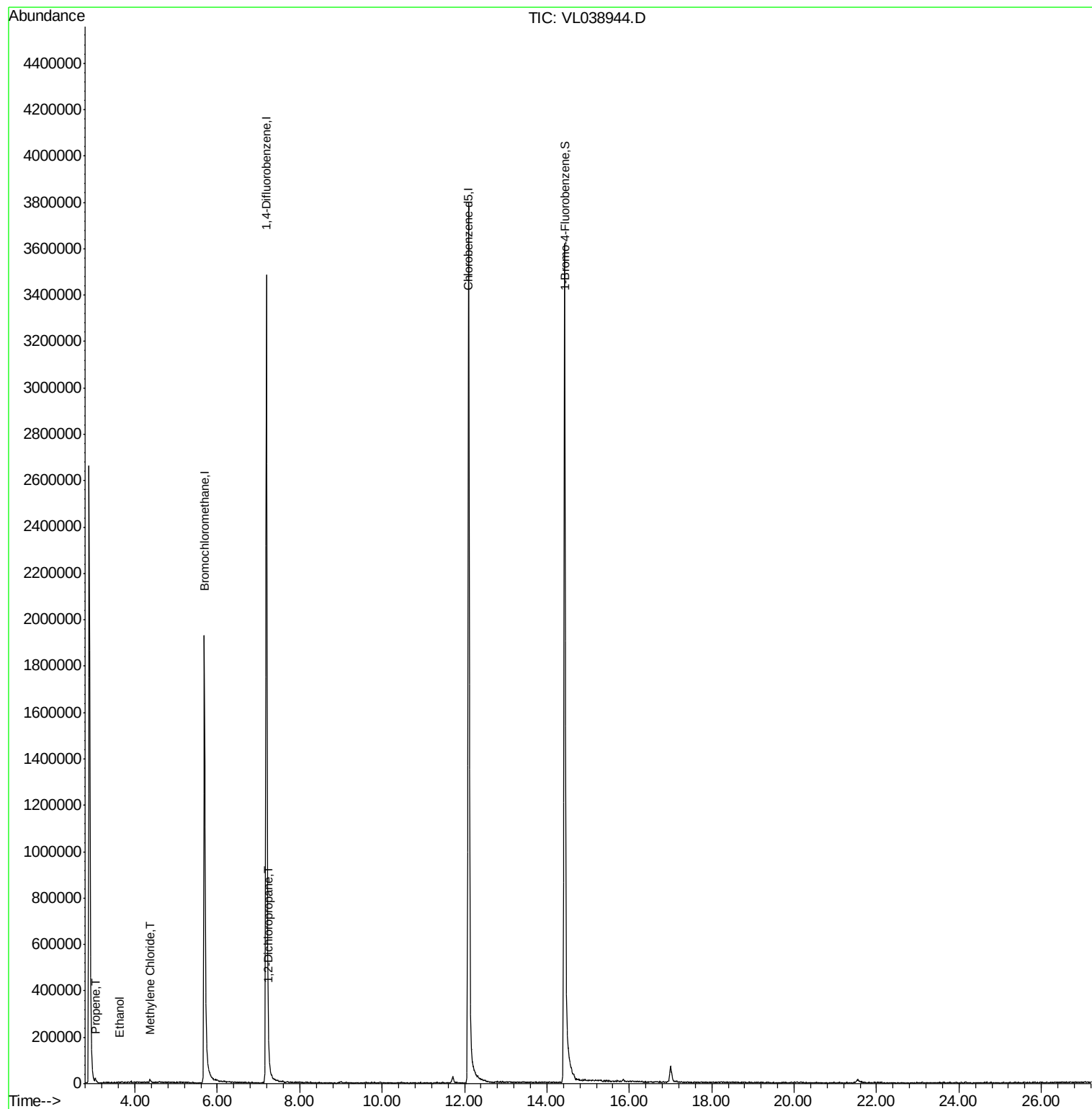
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	3949	0.052	ppbv	86
13) Ethanol	3.64	45	396	0.086	ppbv #	100
20) Methylene Chloride	4.36	84	1321	0.031	ppbv #	30
39) 1,2-Dichloropropane	7.25	63	9999	0.093	ppbv #	30

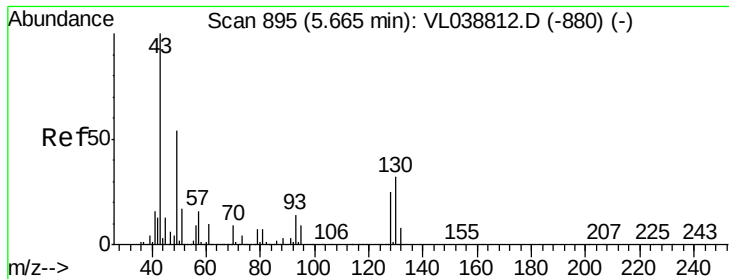
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 19 Apr 2022 11:20

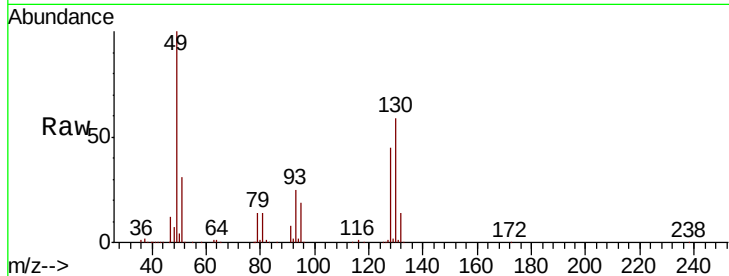
Tot Ion: 49 Resp: 1170654

Ion Ratio Lower Upper

49 100

128 47.0 24.1 72.3

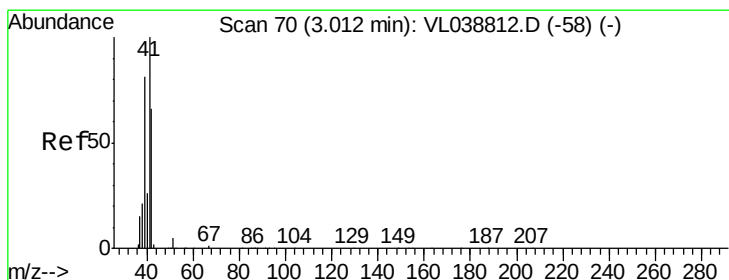
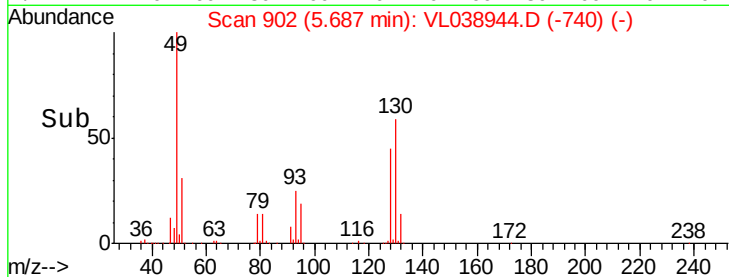
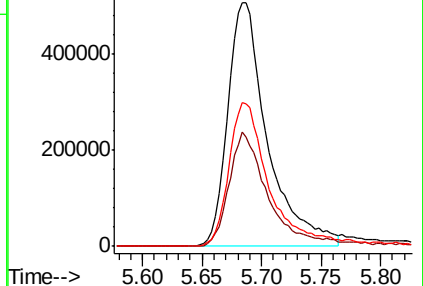
130 62.2 30.9 92.8



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: 0.052 ppbv

RT: 3.04 min Scan# 79

Delta R.T. 0.03 min

Lab File: VL038944.D

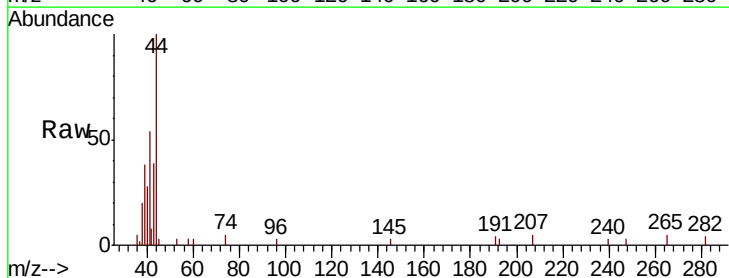
Acq: 19 Apr 2022 11:20

Tgt Ion: 41 Resp: 3949

Ion Ratio Lower Upper

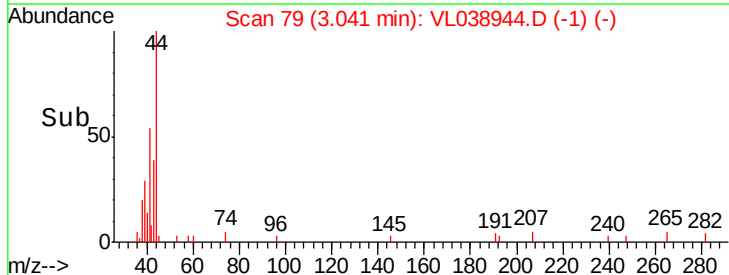
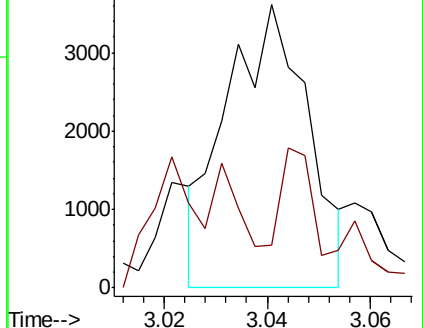
41 100

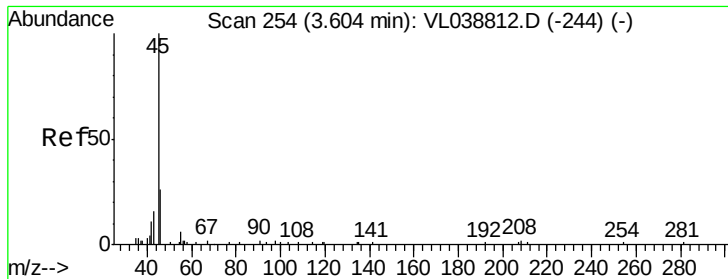
42 79.2 54.2 81.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

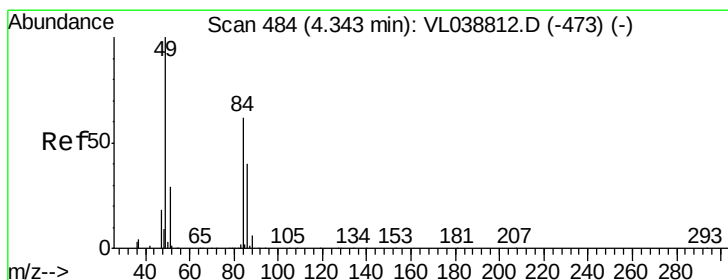
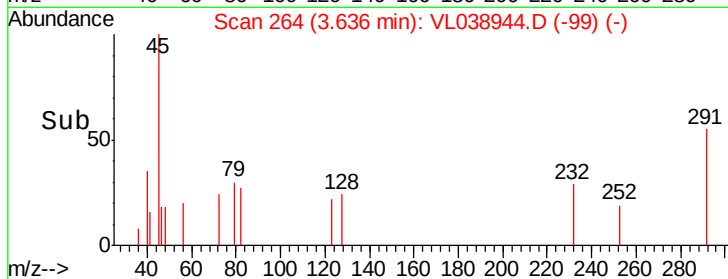
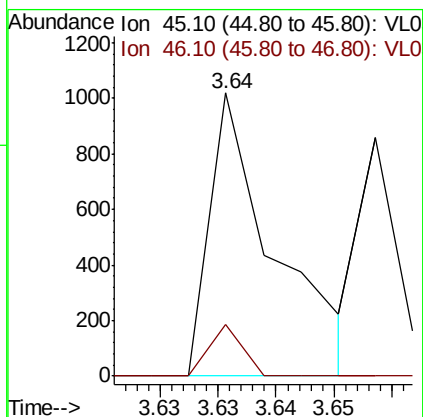
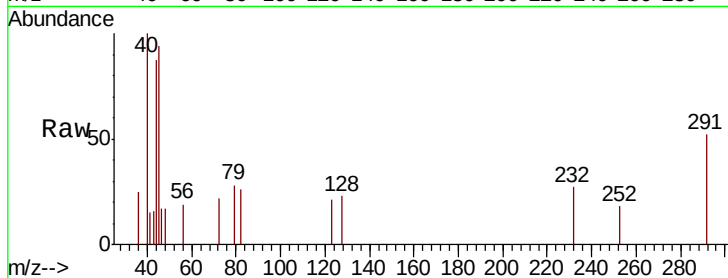
Ion 42.10 (41.80 to 42.80): VL0





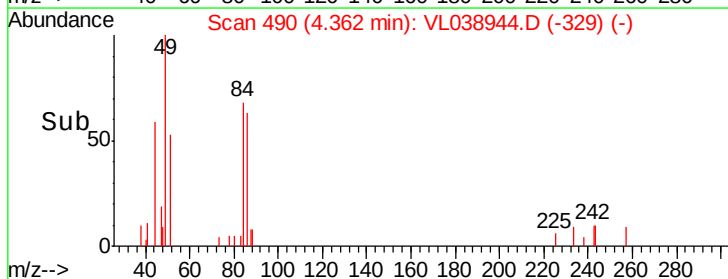
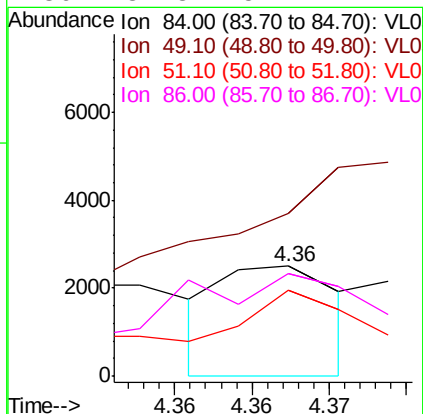
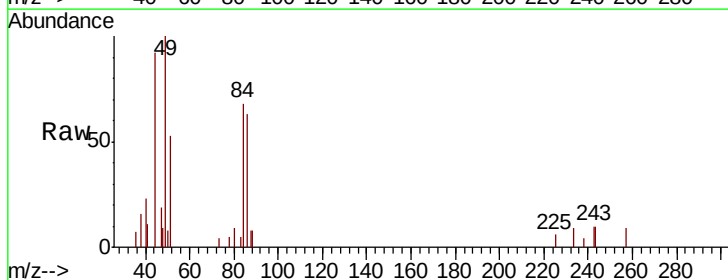
#13
Ethanol
Concen: 0.086 ppbv
RT: 3.64
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Apr 2022 11:20

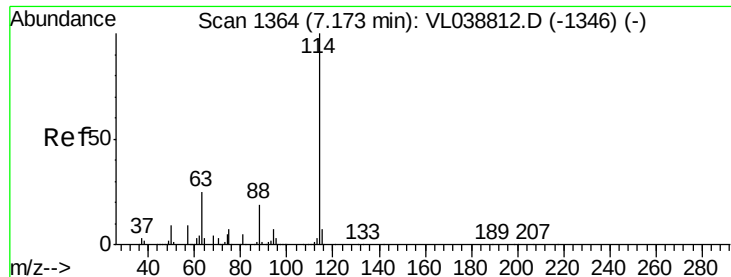
Tot Ion: 45 Resp: 396
Ion Ratio Lower Upper
45 100
46 9.1 0.0 0.0#



#20
Methylene Chloride
Concen: 0.031 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.02 min
Lab File: VL038944.D
Acq: 19 Apr 2022 11:20

Tgt Ion: 84 Resp: 1321
Ion Ratio Lower Upper
84 100
49 85.8 129.4 194.0#
51 155.1 37.4 56.2#
86 37.3 51.4 77.2#

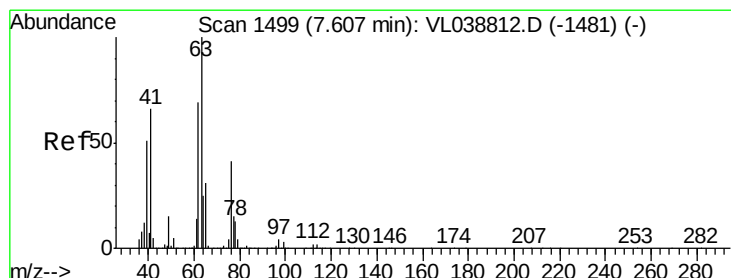
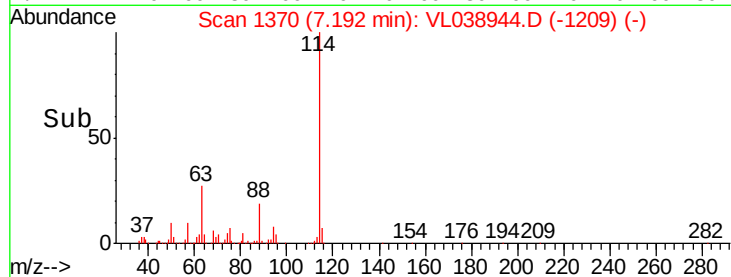
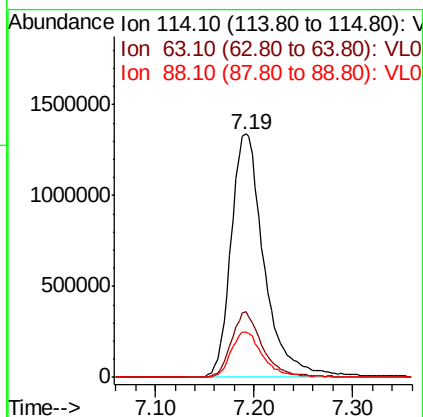
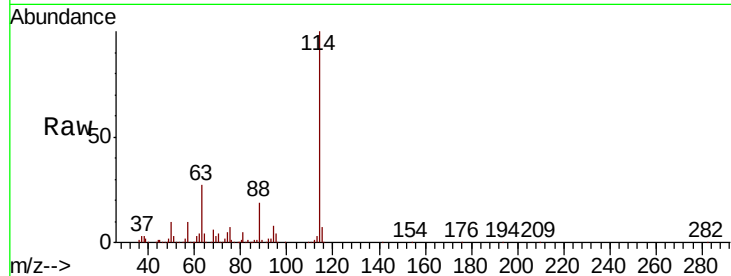




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0419ABL01
 Acq: 19 Apr 2022 11:20

Tot Ion: 114 Resp: 3100404

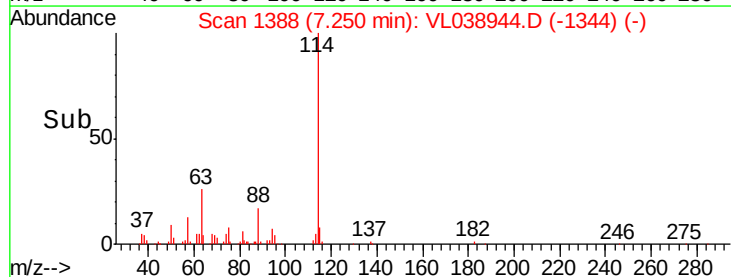
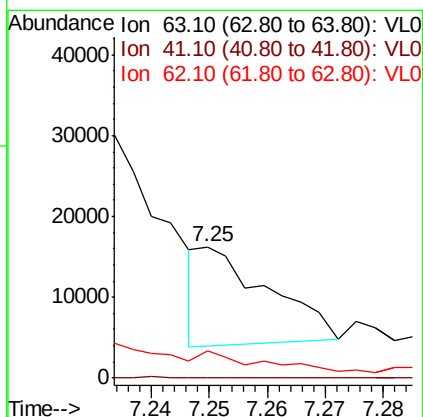
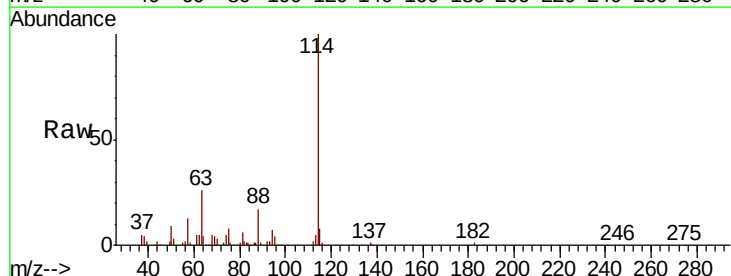
Ion	Ratio	Lower	Upper
114	100		
63	25.8	19.8	29.8
88	18.6	14.2	21.4

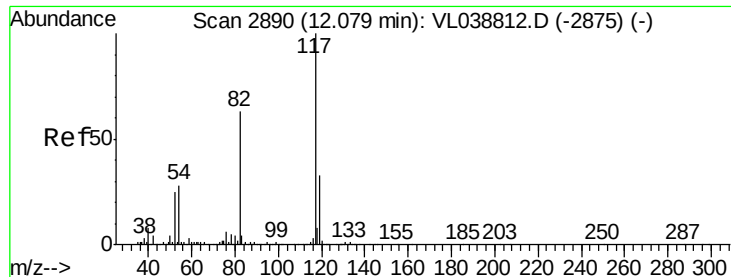


#39
 1,2-Dichloropropane
 Concen: 0.093 ppbv
 RT: 7.25 min Scan# 1388
 Delta R.T.: -0.36 min
 Lab File: VL038944.D
 Acq: 19 Apr 2022 11:20

Tgt Ion: 63 Resp: 9999

Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.0	79.6#
62	22.1	55.0	82.4#

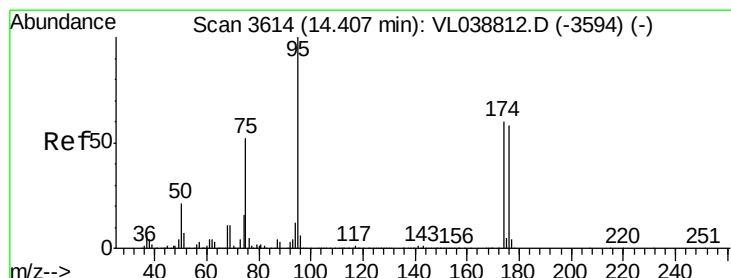
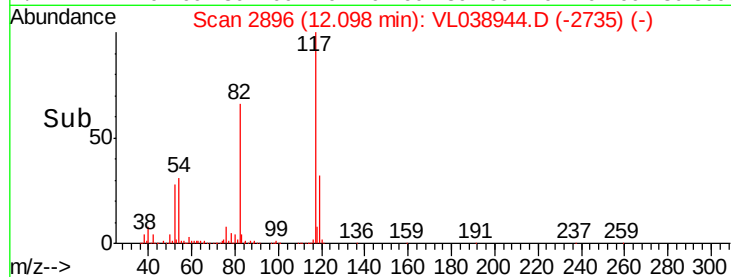
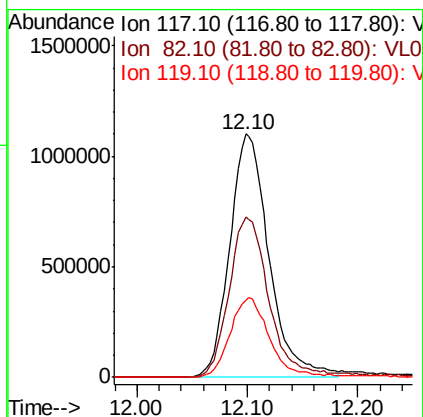
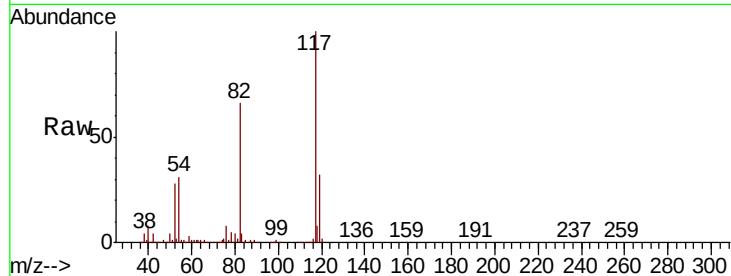




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0419ABL01
Acq: 19 Apr 2022 11:20

Tot Ion: 117 Resp: 2710535

Ion	Ratio	Lower	Upper
117	100		
82	69.2	53.0	79.6
119	33.8	24.9	37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.917 ppbv
RT: 14.43 min Scan# 3621
Delta R.T.: 0.02 min
Lab File: VL038944.D
Acq: 19 Apr 2022 11:20

Tgt Ion: 95 Resp: 2039017

Ion	Ratio	Lower	Upper
95	100		
174	66.5	52.0	78.0
175	4.9	4.0	6.0

