

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061422\
 Data File : VL039281.D
 Acq On : 14 Jun 2022 14:28
 Operator : SY/AP
 Sample : VL0614ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0614ABL01

Quant Time: Jun 15 03:17:33 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	1216387	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3592589	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3186789	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2429821	9.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.20%

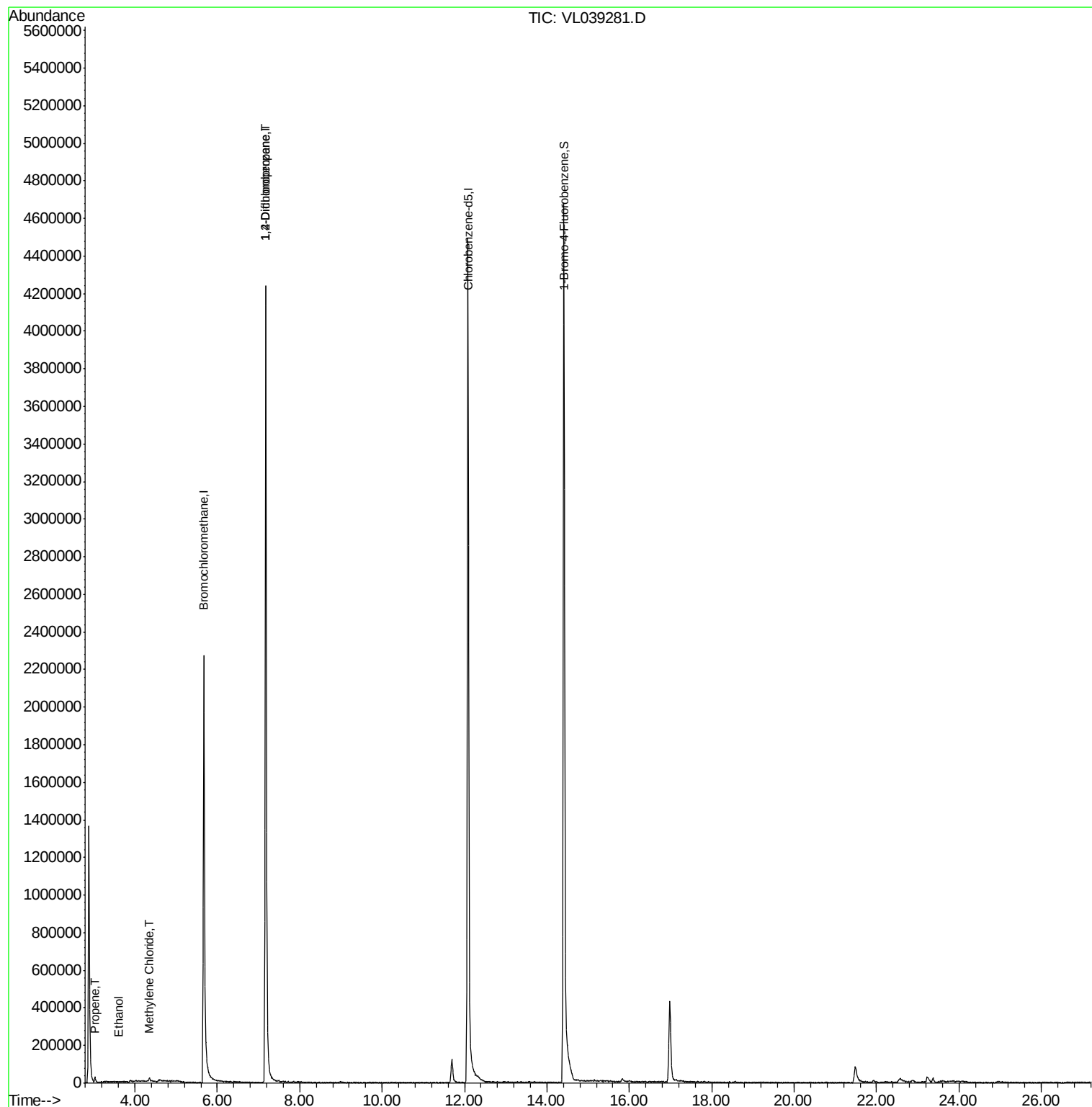
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	2692	0.040	ppbv #	4
13) Ethanol	3.61	45	235	0.064	ppbv #	100
20) Methylene Chloride	4.35	84	3550	0.066	ppbv #	55
39) 1,2-Dichloropropane	7.17	63	889598	7.668	ppbv #	24

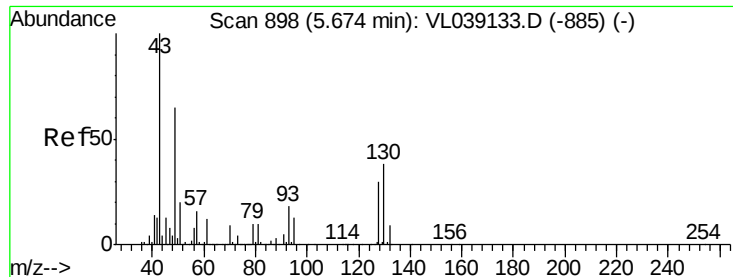
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0614ABL01

Acq: 14 Jun 2022 14:28

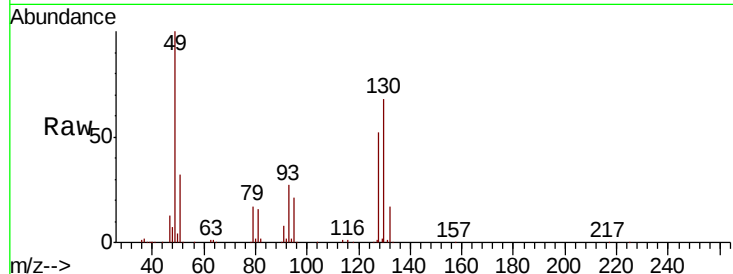
Tot Ion: 49 Resp: 1216387

Ion Ratio Lower Upper

49 100

128 56.4 24.7 74.1

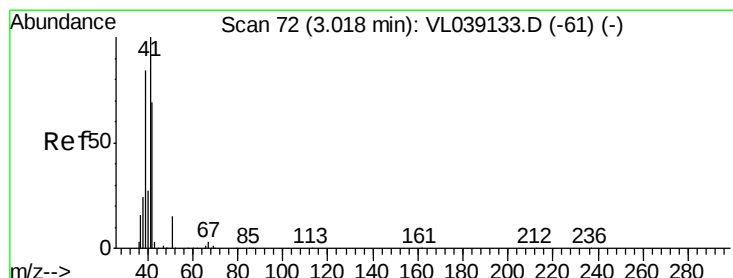
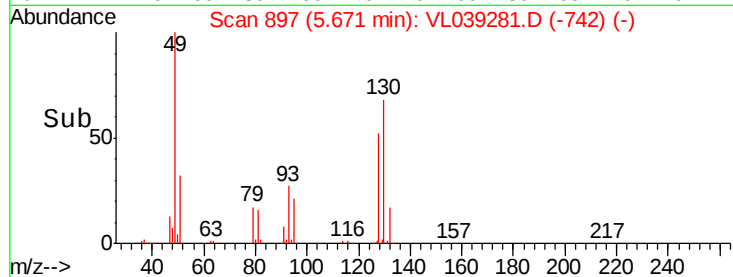
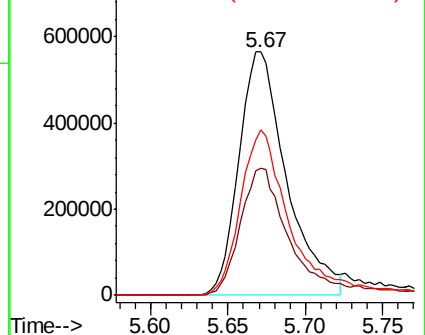
130 72.9 31.4 94.0



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



#9

Propene

Concen: 0.040 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.00 min

Lab File: VL039281.D

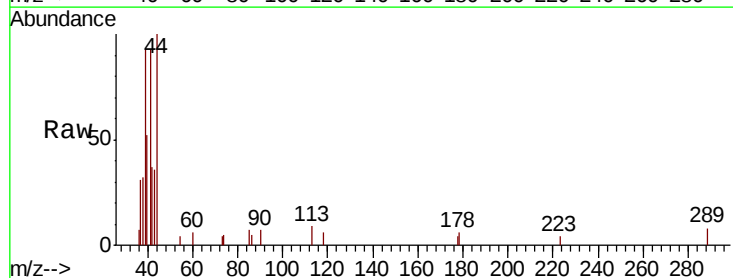
Acq: 14 Jun 2022 14:28

Tgt Ion: 41 Resp: 2692

Ion Ratio Lower Upper

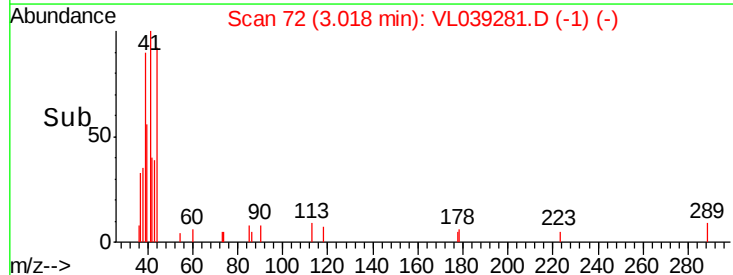
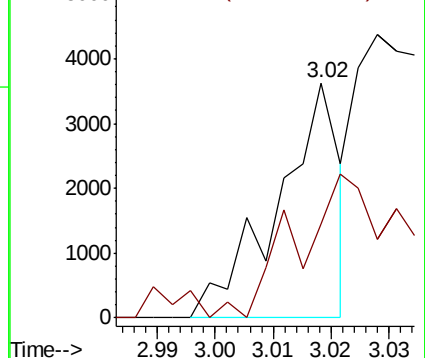
41 100

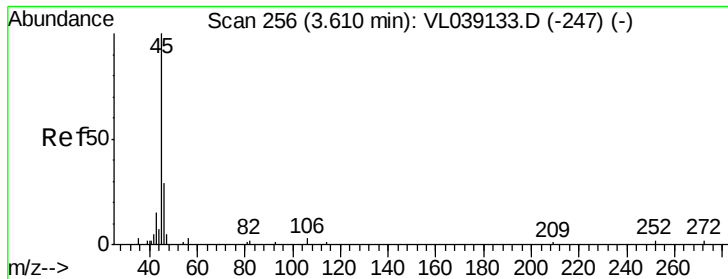
42 148.0 55.4 83.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

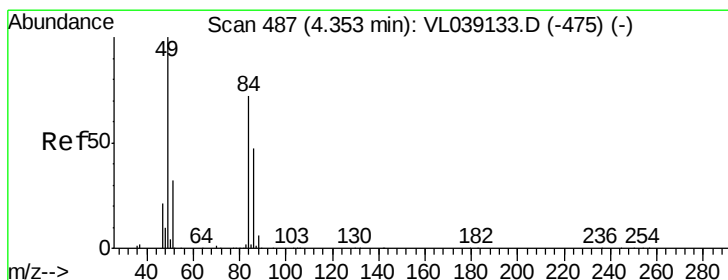
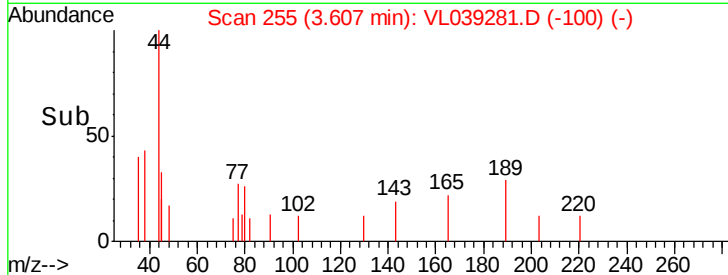
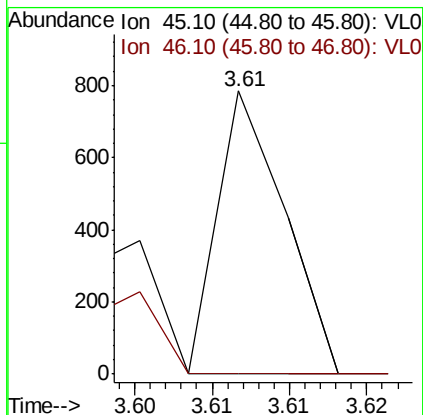
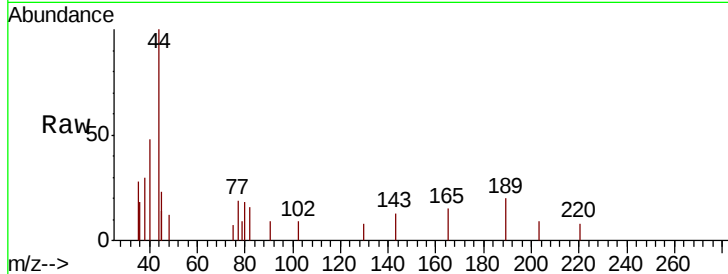
Ion 42.10 (41.80 to 42.80): VL0





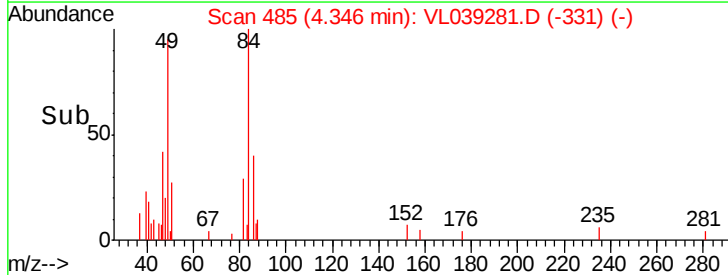
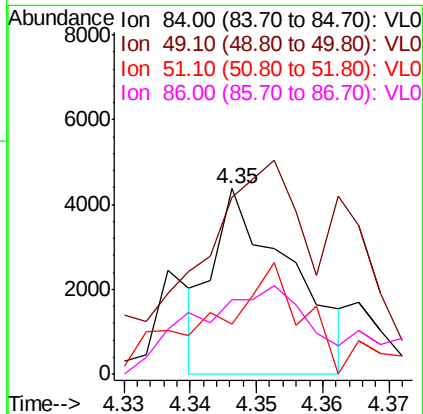
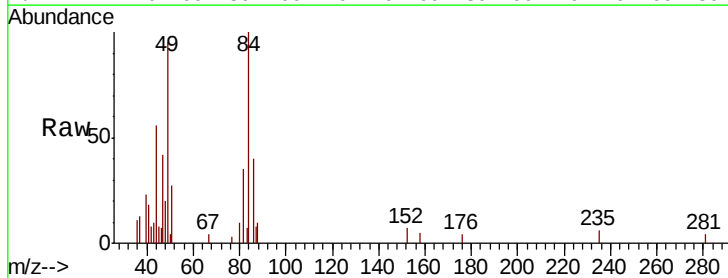
#13
Ethanol
Concen: 0.064 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0614ABL01
Acq: 14 Jun 2022 14:28

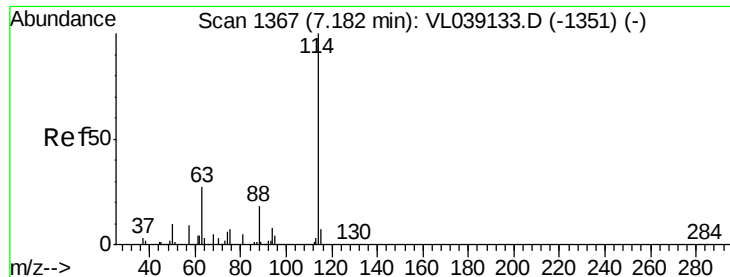
Tot Ion: 45 Resp: 235
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0



#20
Methylene Chloride
Concen: 0.066 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.01 min
Lab File: VL039281.D
Acq: 14 Jun 2022 14:28

Tgt Ion: 84 Resp: 3550
Ion Ratio Lower Upper
84 100
49 62.0 111.1 166.7#
51 41.5 35.3 52.9
86 38.3 51.9 77.9#

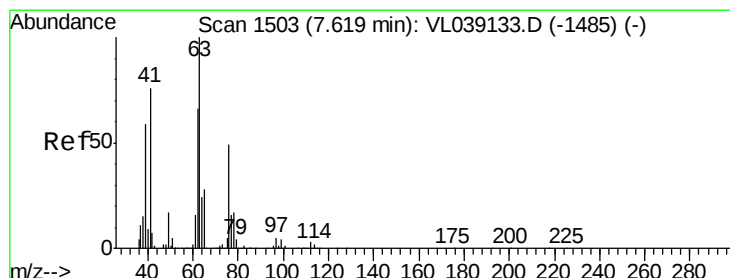
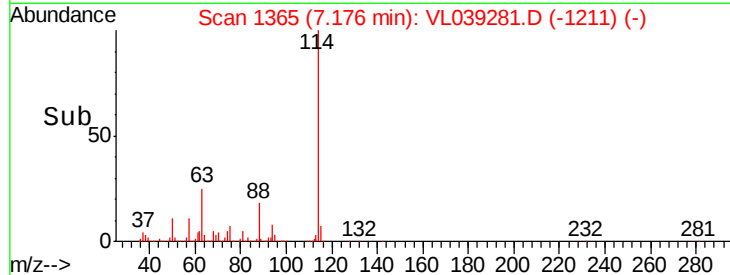
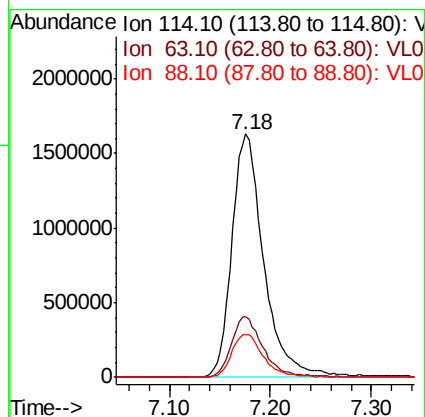
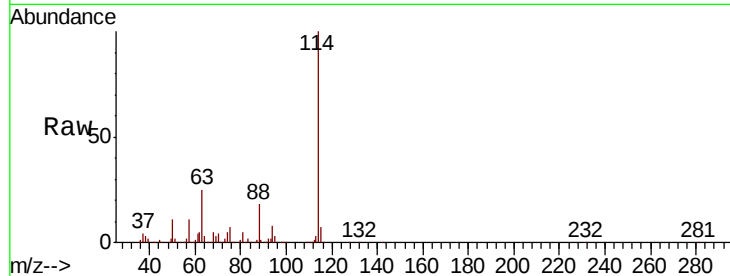




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0614ABL01
 Acq: 14 Jun 2022 14:28

Tot Ion:114 Resp: 3592589

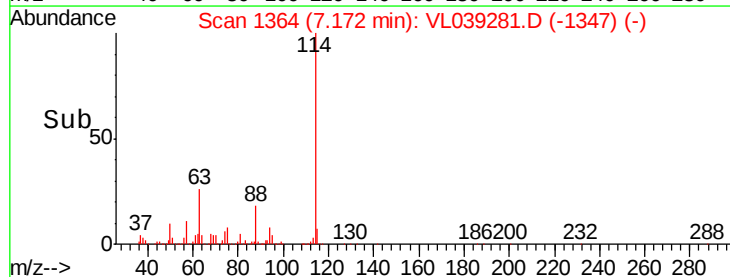
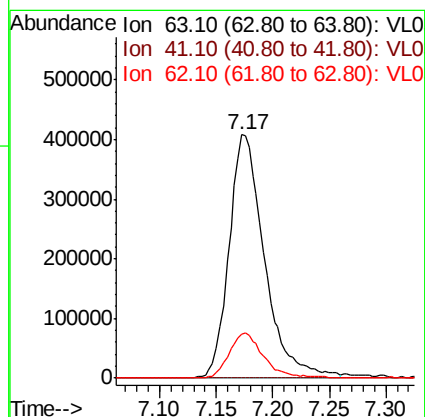
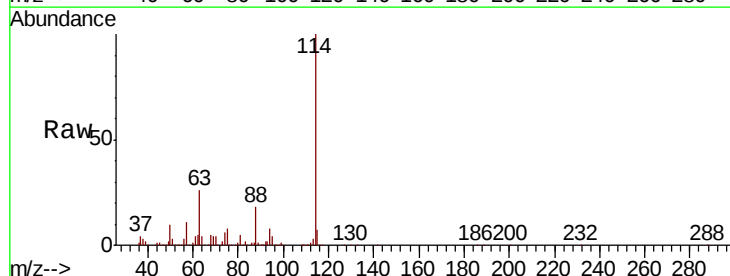
Ion	Ratio	Lower	Upper
114	100		
63	25.3	21.7	32.5
88	18.1	14.8	22.2

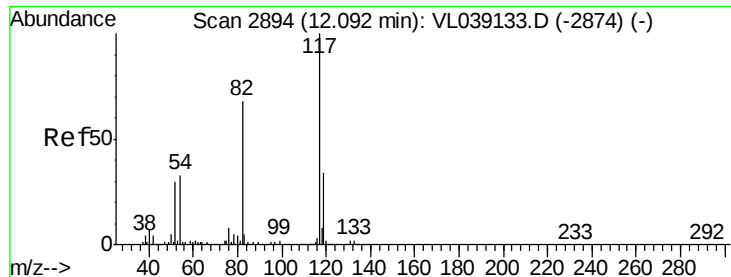


#39
 1,2-Dichloropropane
 Concen: 7.668 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.45 min
 Lab File: VL039281.D
 Acq: 14 Jun 2022 14:28

Tgt Ion: 63 Resp: 889598

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	17.8	52.9	79.3#

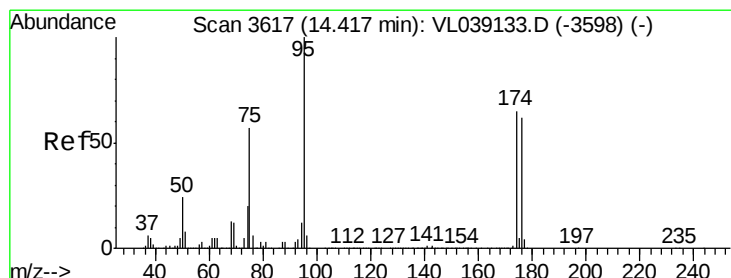
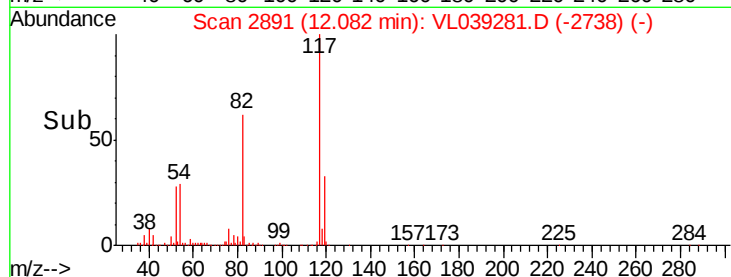
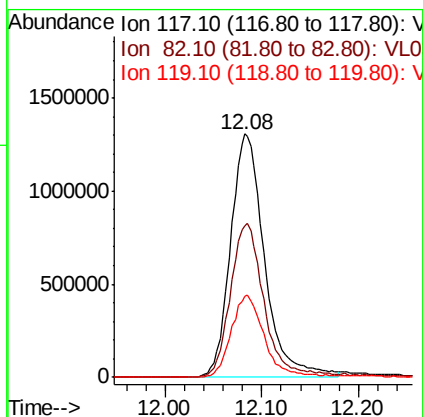
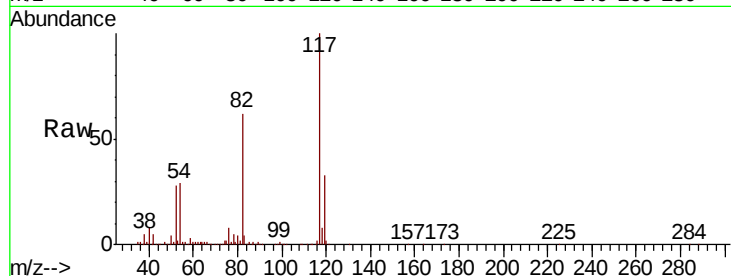




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0614ABL01
Acq: 14 Jun 2022 14:28

Tot Ion:117 Resp: 3186789

Ion	Ratio	Lower	Upper
117	100		
82	64.7	55.1	82.7
119	34.0	24.7	37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.223 ppbv
RT: 14.41 min Scan# 3616
Delta R.T.: -0.00 min
Lab File: VL039281.D
Acq: 14 Jun 2022 14:28

Tgt Ion: 95 Resp: 2429821

Ion	Ratio	Lower	Upper
95	100		
174	70.7	53.8	80.8
175	5.3	4.1	6.1

