

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062222\
 Data File : VL039321.D
 Acq On : 22 Jun 2022 15:06
 Operator : SY/AP
 Sample : VL0622ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABL01

Quant Time: Jun 23 07:26:10 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	5.66	49	1242724	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3507037	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	3133967	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2341521	9.04	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.40%

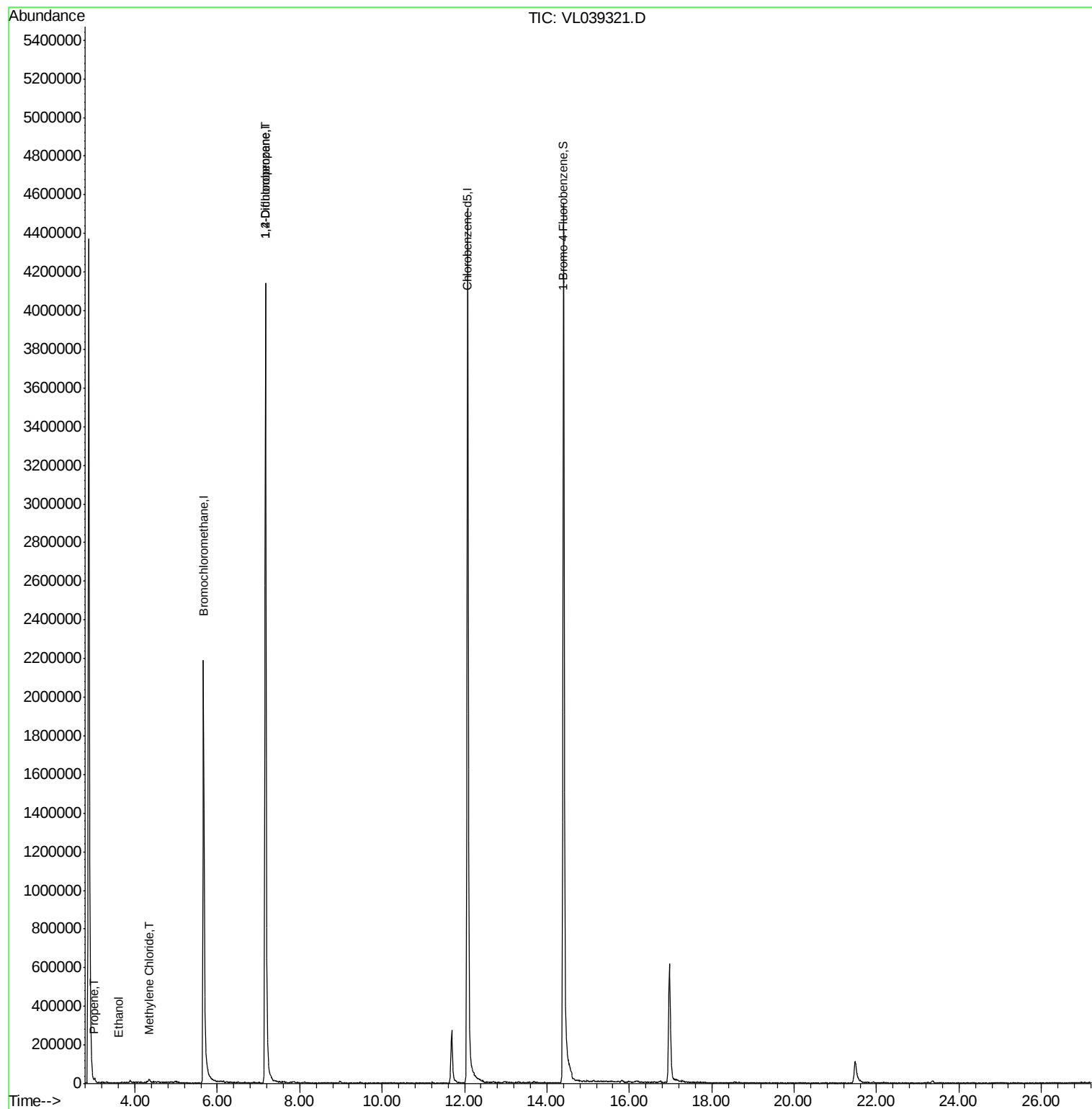
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	2077	0.030	ppbv #	15
13) Ethanol	3.60	45	141	0.037	ppbv #	100
20) Methylene Chloride	4.34	84	2591	0.047	ppbv #	47
39) 1,2-Dichloropropane	7.17	63	841106	7.427	ppbv #	26

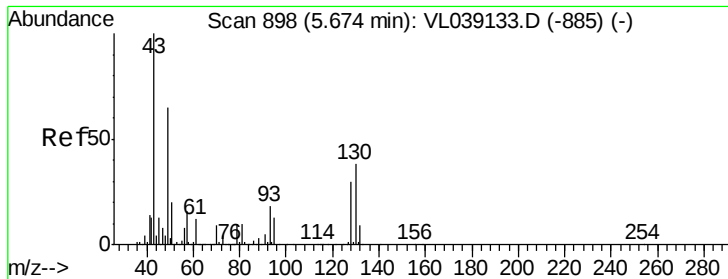
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062222\
Data File : VL039321.D
Acq On : 22 Jun 2022 15:06
Operator : SY/AP
Sample : VL0622ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABL01

Quant Time: Jun 23 07:26:10 2022
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0622ABL01

Acq: 22 Jun 2022 15:06

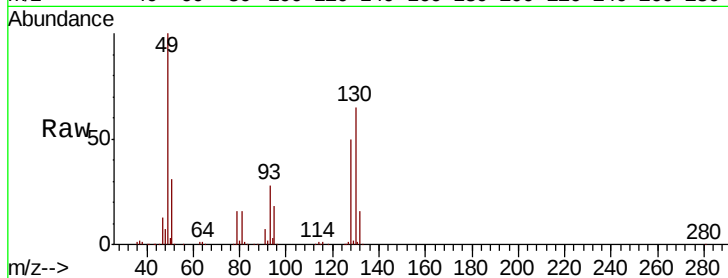
Tot Ion: 49 Resp: 1242724

Ion Ratio Lower Upper

49 100

128 54.6 24.7 74.1

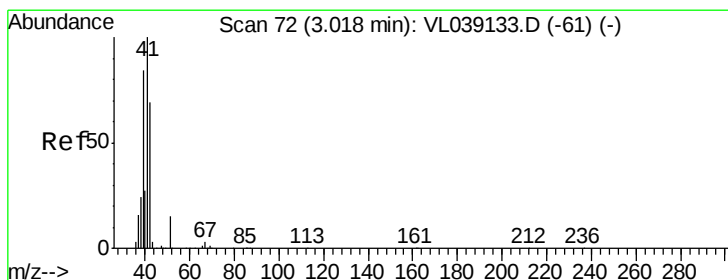
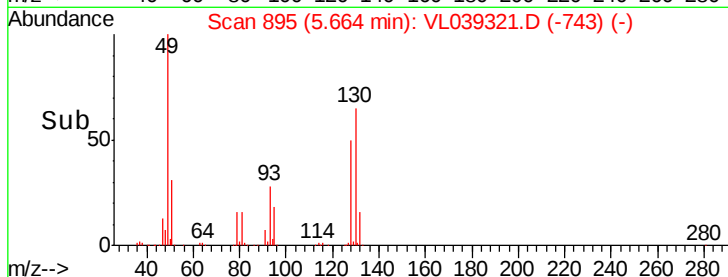
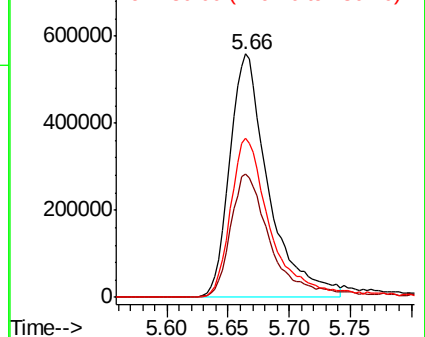
130 68.7 31.4 94.0



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: 0.030 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.01 min

Lab File: VL039321.D

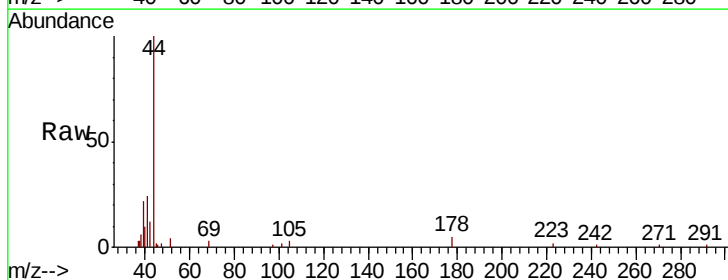
Acq: 22 Jun 2022 15:06

Tgt Ion: 41 Resp: 2077

Ion Ratio Lower Upper

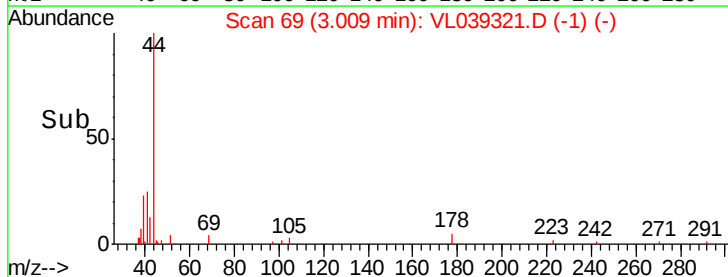
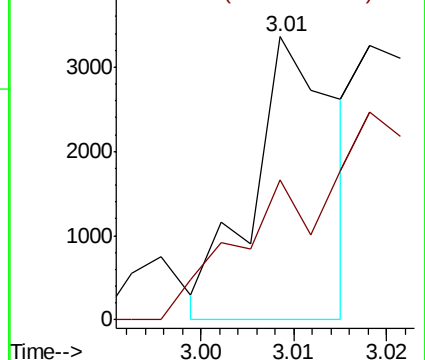
41 100

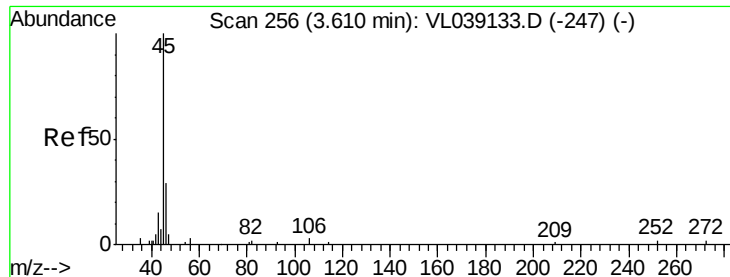
42 0.0 55.4 83.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

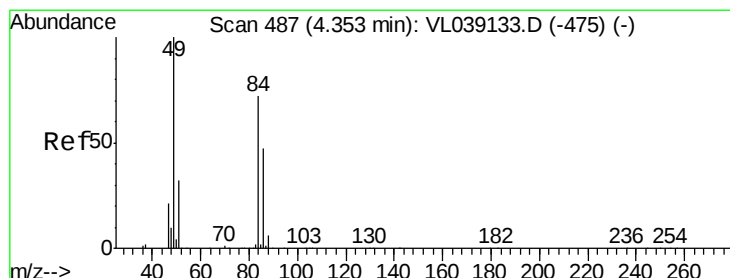
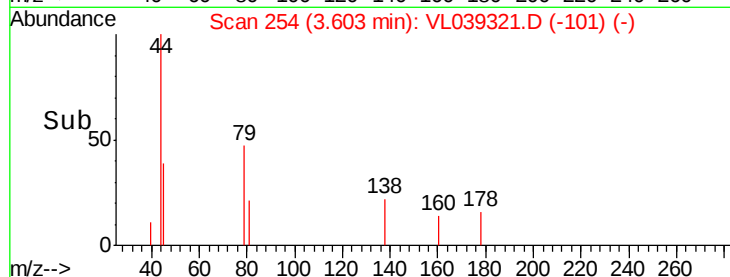
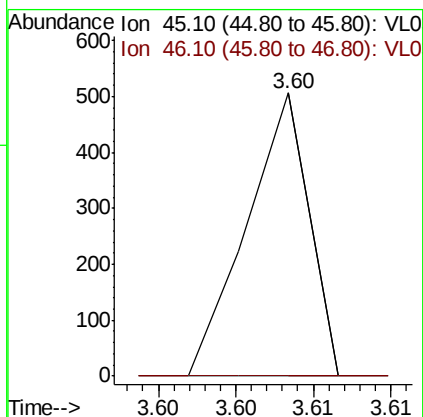
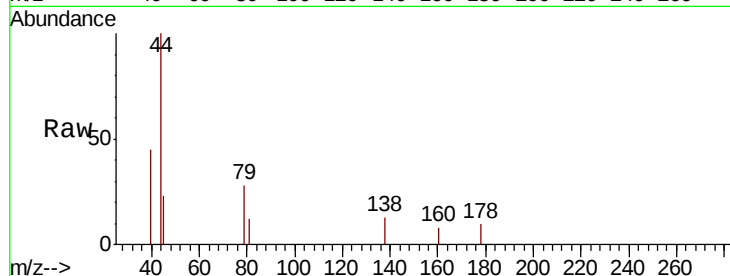
Ion 42.10 (41.80 to 42.80): VL0





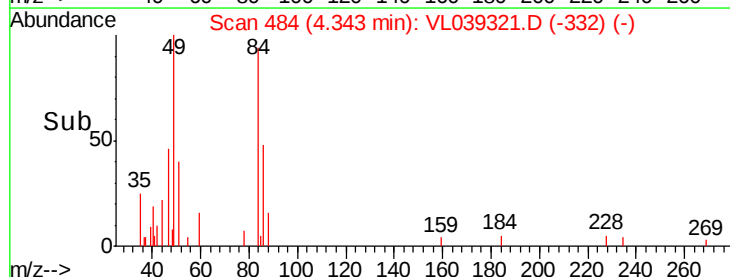
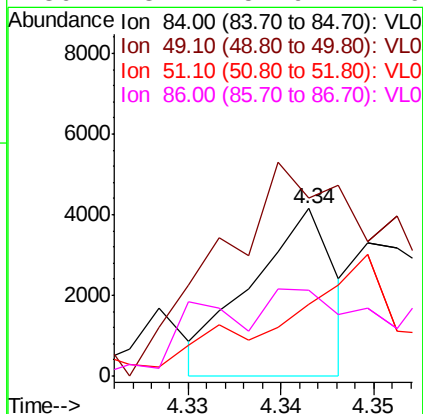
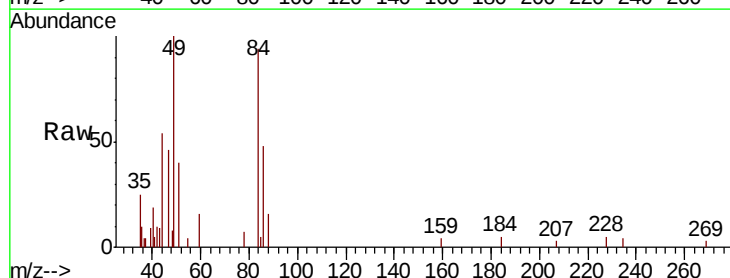
#13
Ethanol
Concen: 0.037 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 22 Jun 2022 15:00

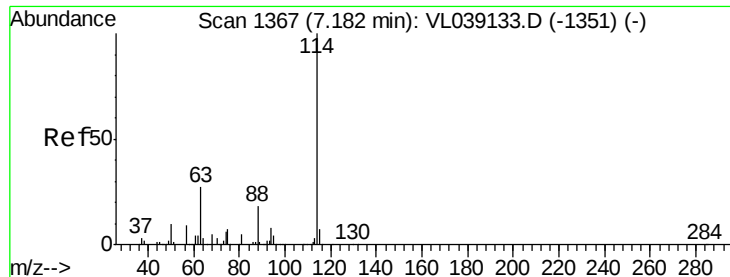
Tot Ion: 45 Resp: 141
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0



#20
Methylene Chloride
Concen: 0.047 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL039321.D
Acq: 22 Jun 2022 15:06

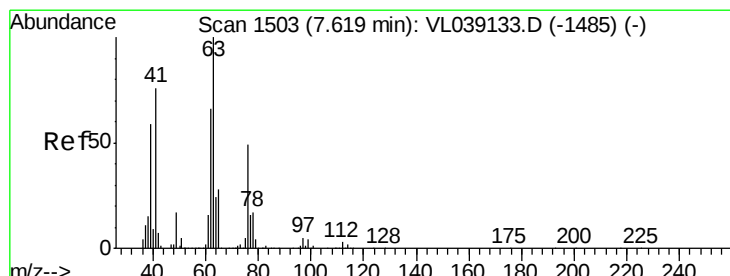
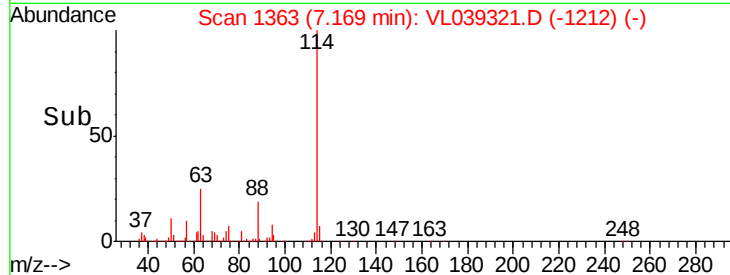
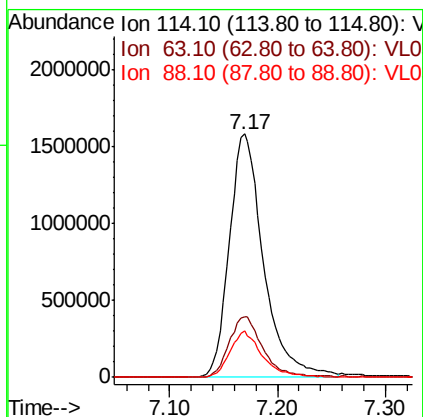
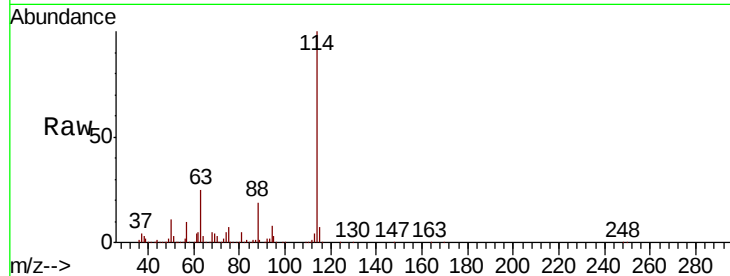
Tgt Ion: 84 Resp: 2591
Ion Ratio Lower Upper
84 100
49 65.3 111.1 166.7#
51 30.6 35.3 52.9#
86 18.2 51.9 77.9#





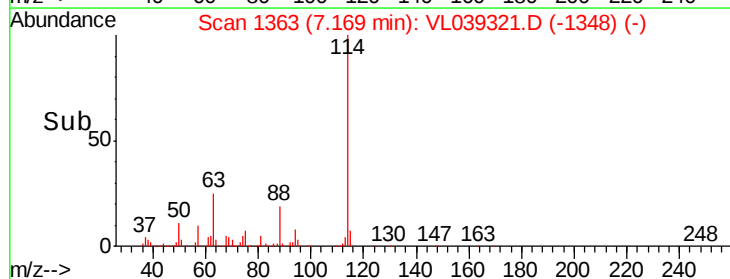
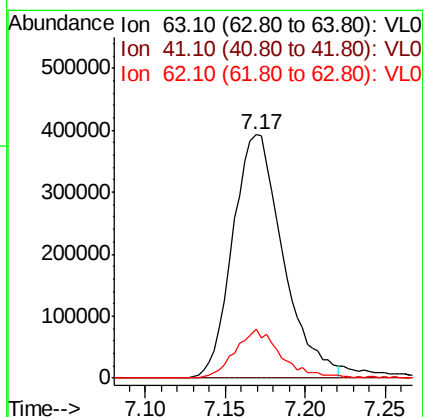
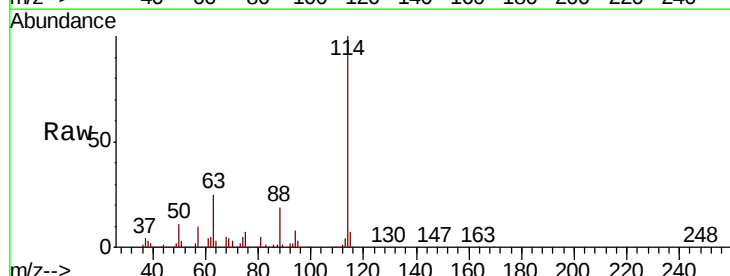
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0622ABL01
 Acq: 22 Jun 2022 15:06

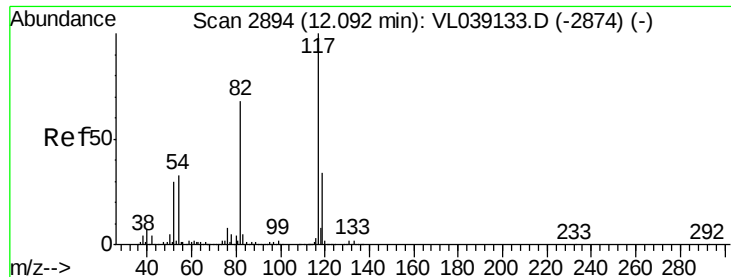
Tot Ion: 114 Resp: 3507037
 Ion Ratio Lower Upper
 114 100
 63 25.2 21.7 32.5
 88 18.3 14.8 22.2



#39
 1,2-Dichloropropane
 Concen: 7.427 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.45 min
 Lab File: VL039321.D
 Acq: 22 Jun 2022 15:06

Tgt Ion: 63 Resp: 841106
 Ion Ratio Lower Upper
 63 100
 41 0.1 60.8 91.2#
 62 19.8 52.9 79.3#

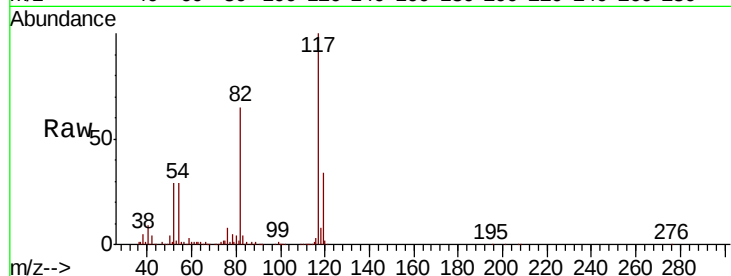




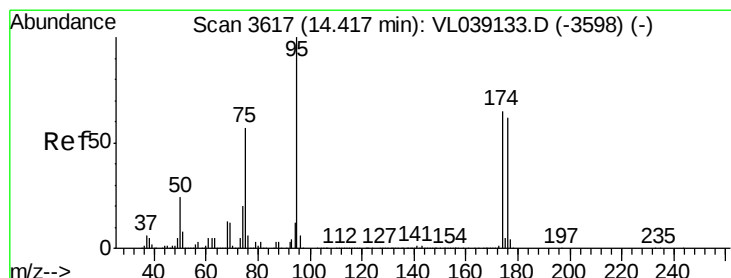
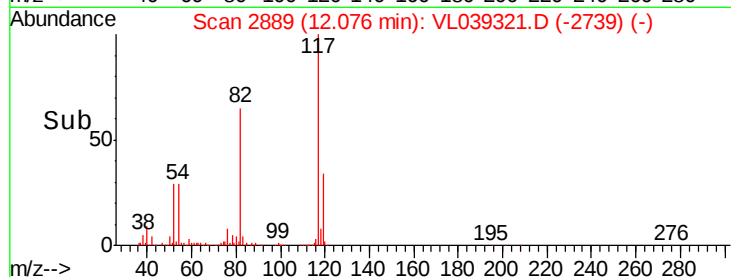
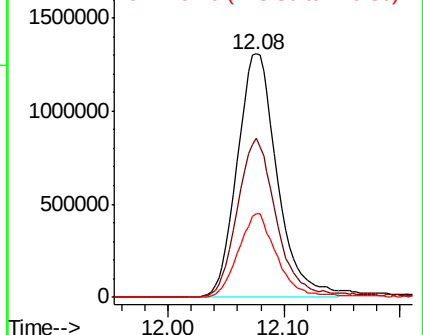
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0622ABL01
Acq: 22 Jun 2022 15:00

Tot Ion: 117 Resp: 3133967

Ion	Ratio	Lower	Upper
117	100		
82	65.7	55.1	82.7
119	33.7	24.7	37.1



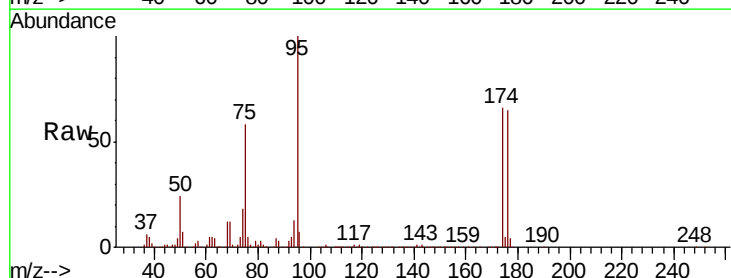
Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.037 ppbv
RT: 14.40 min Scan# 3613
Delta R.T.: -0.01 min
Lab File: VL039321.D
Acq: 22 Jun 2022 15:06

Tgt Ion: 95 Resp: 2341521

Ion	Ratio	Lower	Upper
95	100		
174	72.4	53.8	80.8
175	5.3	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

