

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061522\
 Data File : VL039308.D
 Acq On : 15 Jun 2022 23:18
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jun 16 04:36:54 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	5.65	49	1176364	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3472767	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2989606	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2242853	9.07	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.70%

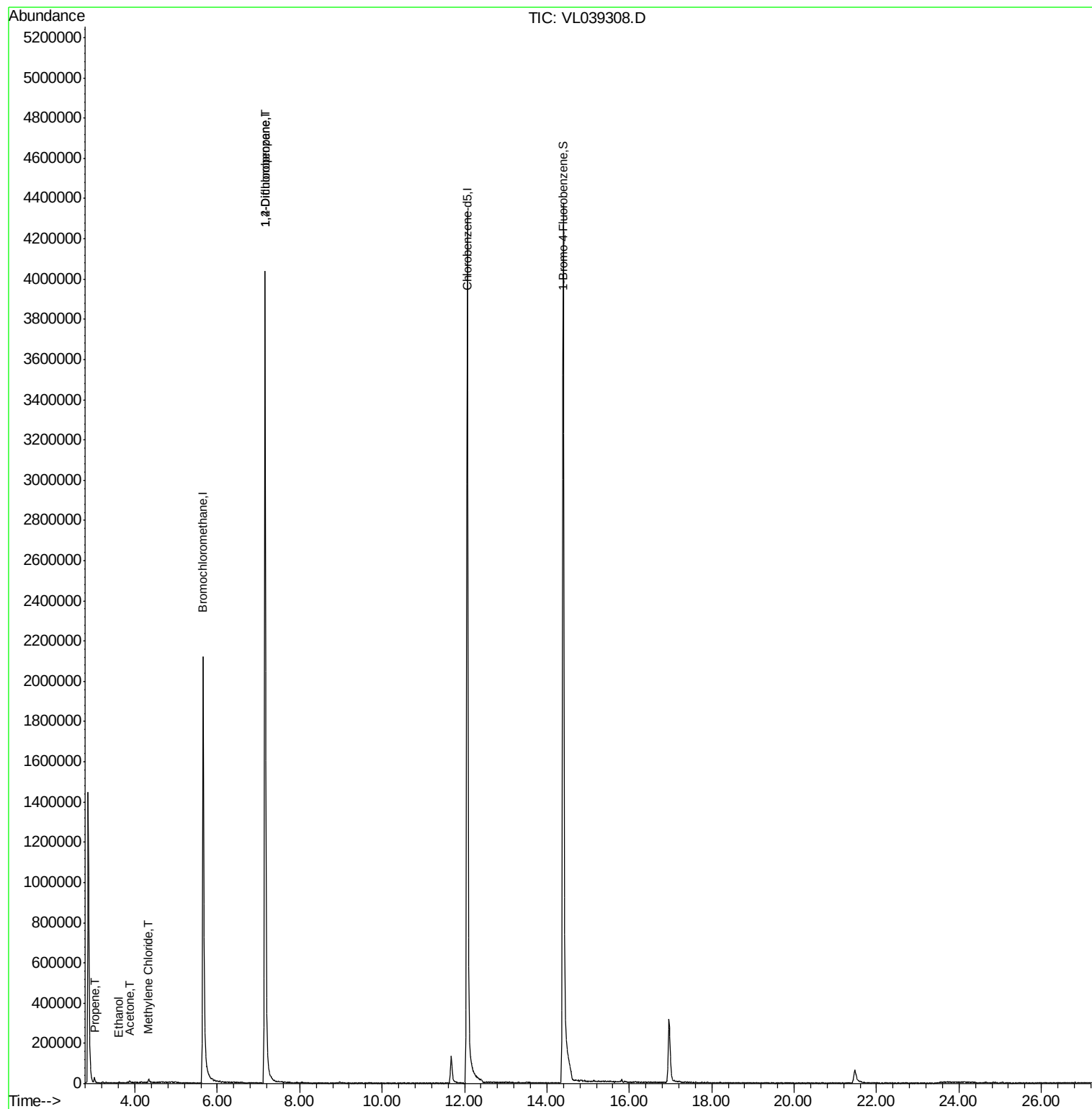
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	3622	0.055	ppbv #	15
13) Ethanol	3.61	45	451	0.127	ppbv #	100
15) Acetone	3.87	43	5706	0.047	ppbv #	47
20) Methylene Chloride	4.34	84	1894	0.037	ppbv #	78
39) 1,2-Dichloropropane	7.16	63	842991	7.517	ppbv #	24

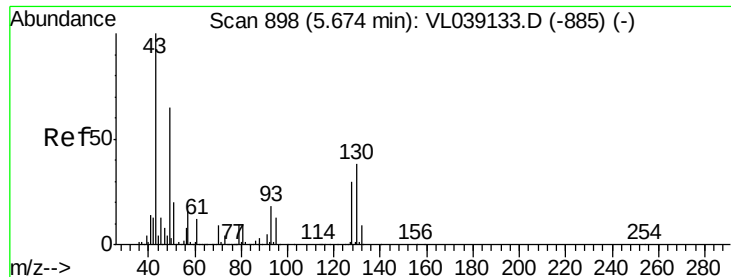
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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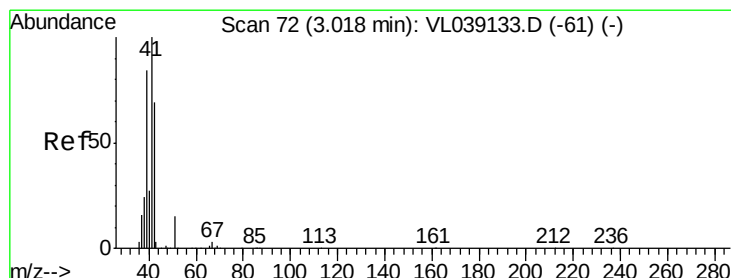
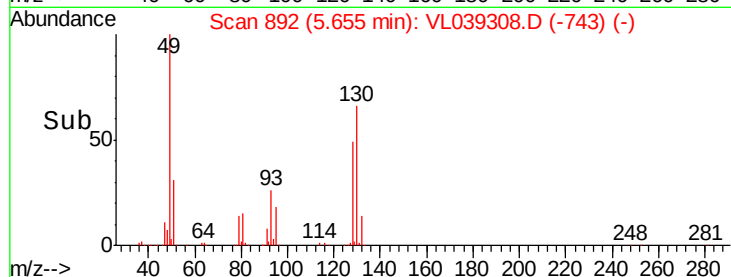
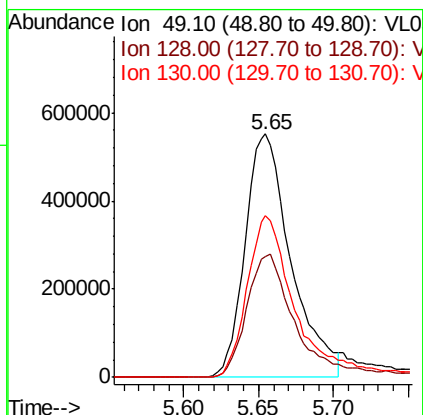
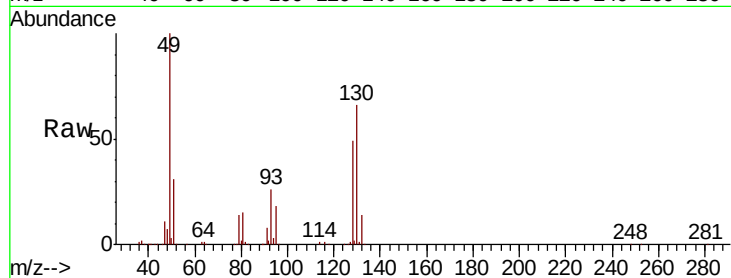
Quant Time: Jun 16 04:36:54 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
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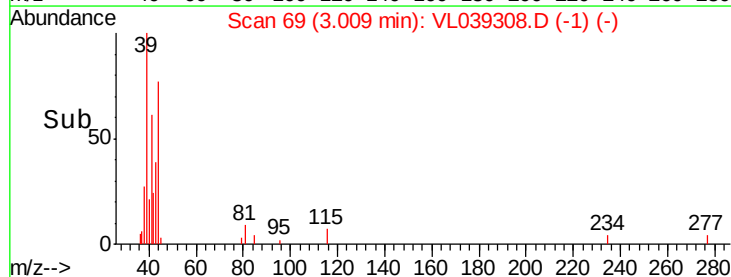
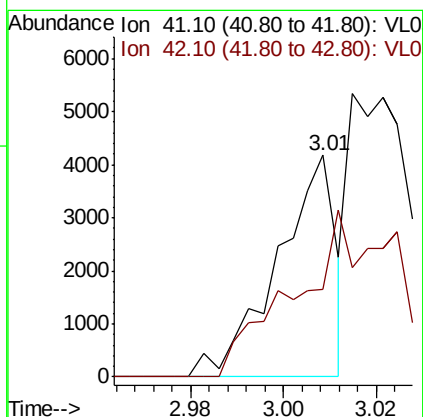
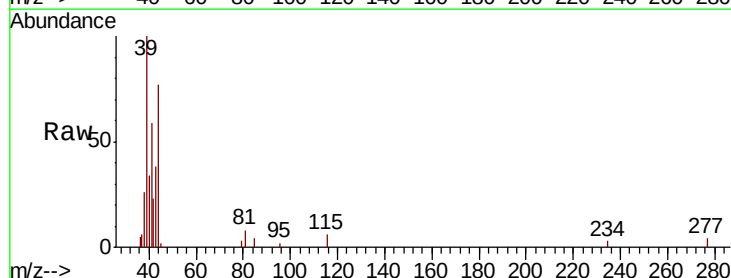
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 15 Jun 2022 23:18

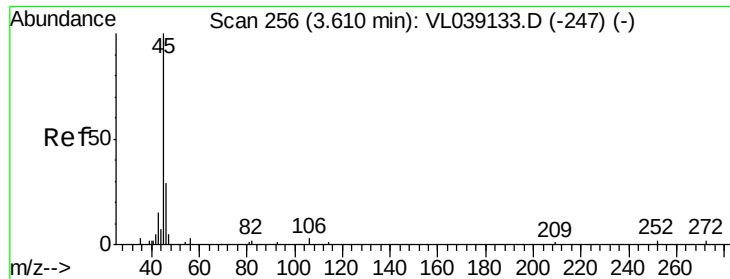
Tot Ion: 49 Resp: 1176364
 Ion Ratio Lower Upper
 49 100
 128 56.6 24.7 74.1
 130 74.0 31.4 94.0



#9
 Propene
 Concen: 0.055 ppbv
 RT: 3.01 min Scan# 69
 Delta R.T. -0.01 min
 Lab File: VL039308.D
 Acq: 15 Jun 2022 23:18

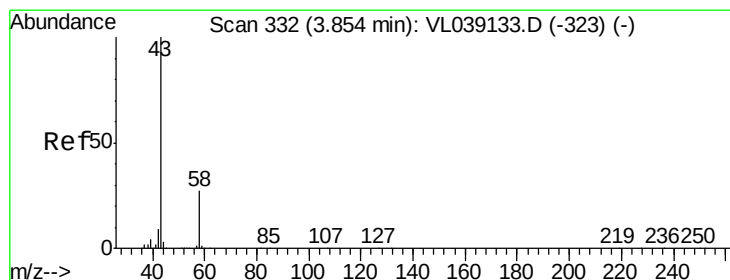
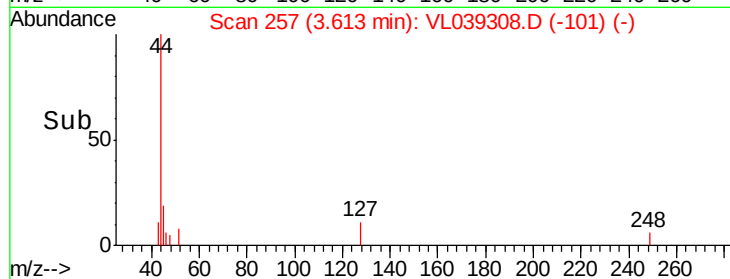
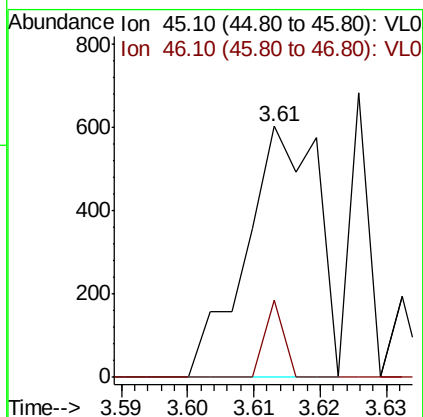
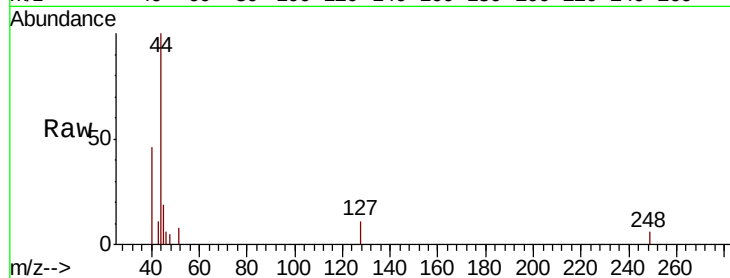
Tgt Ion: 41 Resp: 3622
 Ion Ratio Lower Upper
 41 100
 42 0.0 55.4 83.2#





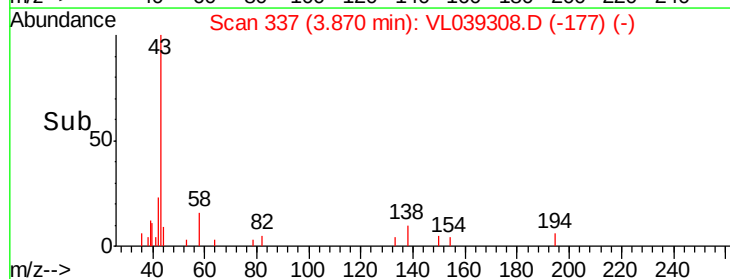
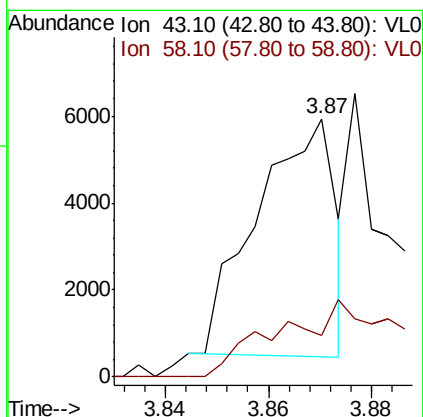
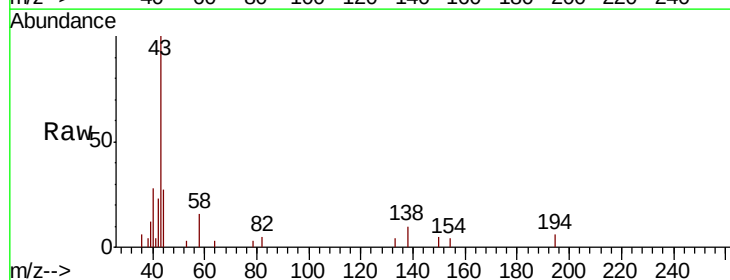
#13
Ethanol
Concen: 0.127 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 15 Jun 2022 23:18

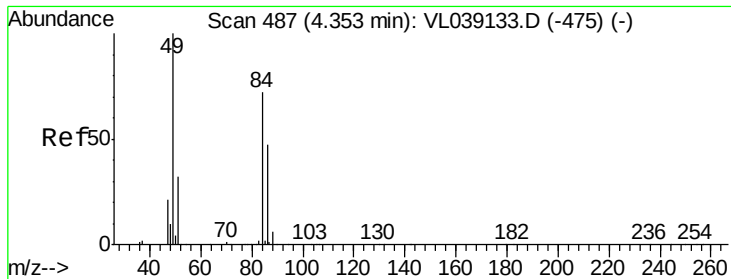
Tot Ion: 45 Resp: 451
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0



#15
Acetone
Concen: 0.047 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL039308.D
Acq: 15 Jun 2022 23:18

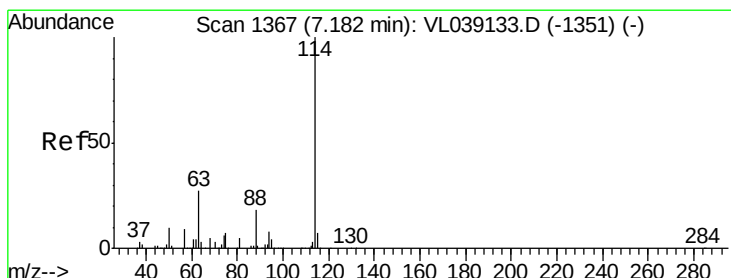
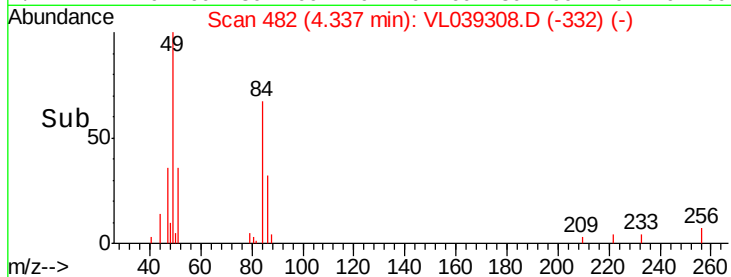
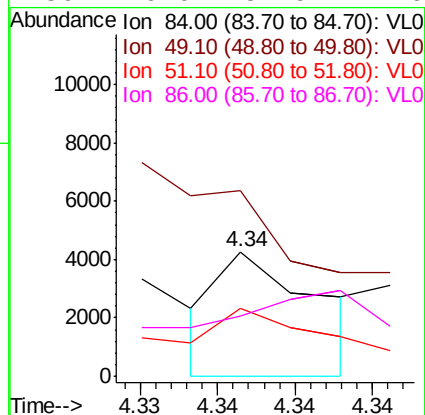
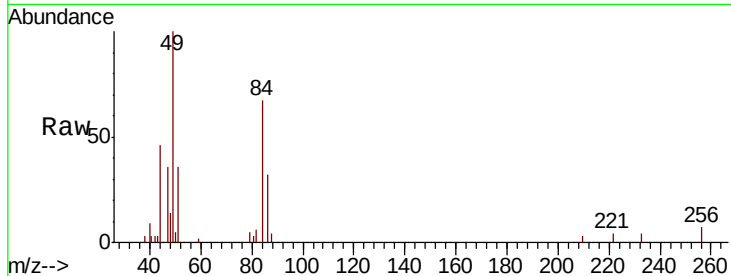
Tgt Ion: 43 Resp: 5706
Ion Ratio Lower Upper
43 100
58 0.0 22.5 33.7#





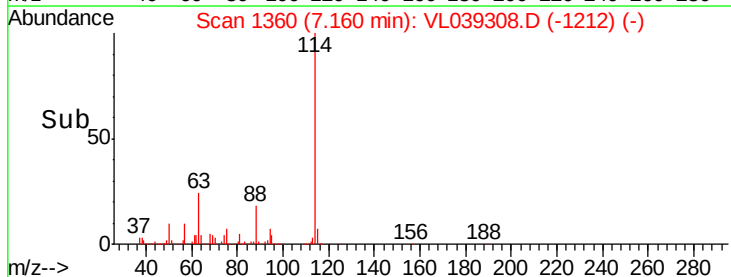
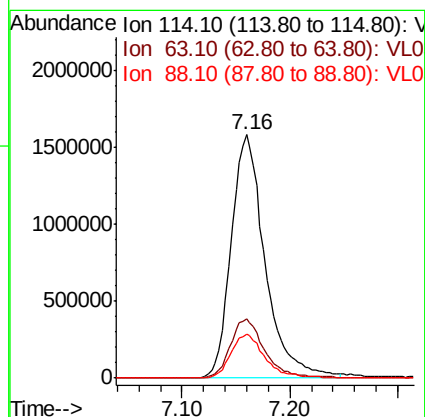
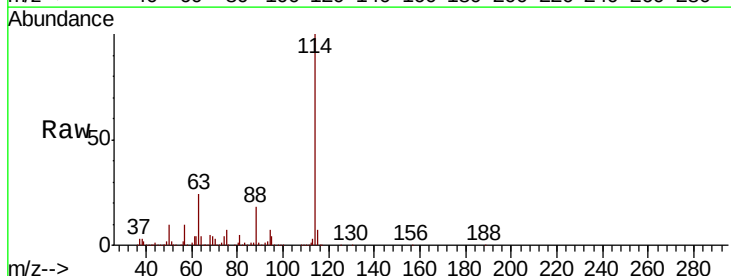
#20
Methylene Chloride
Concen: 0.037 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 15 Jun 2022 23:18

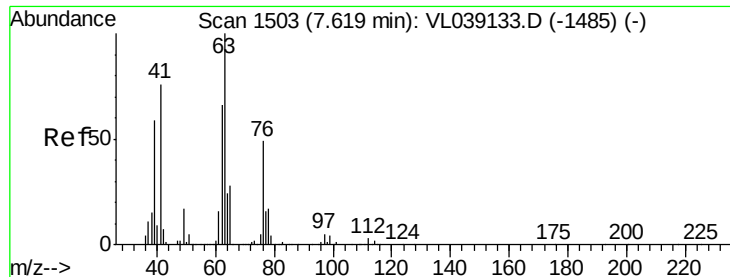
Tot Ion:	84	Resp:	1894
Ion	Ratio	Lower	Upper
84	100		
49	145.4	111.1	166.7
51	58.6	35.3	52.9#
86	20.0	51.9	77.9#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.02 min
Lab File: VL039308.D
Acq: 15 Jun 2022 23:18

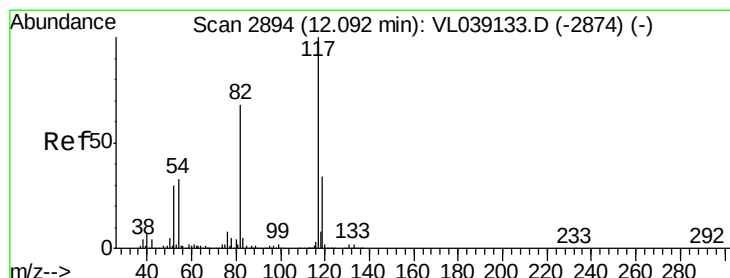
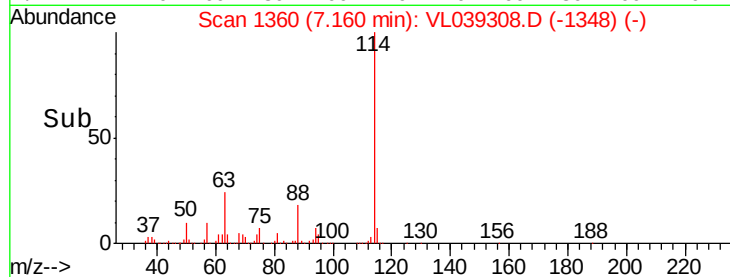
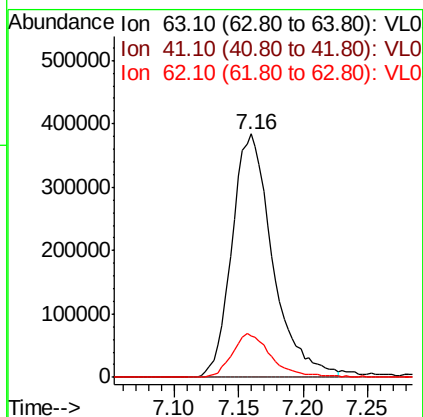
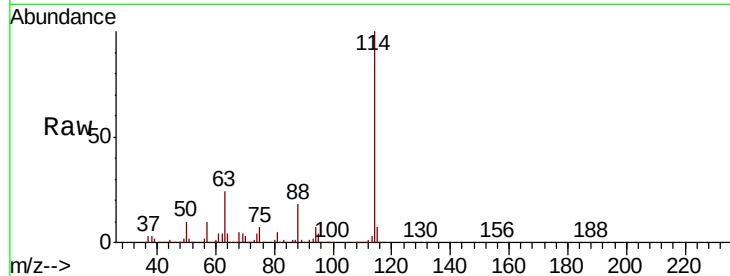
Tgt Ion:	114	Resp:	3472767
Ion	Ratio	Lower	Upper
114	100		
63	25.0	21.7	32.5
88	18.5	14.8	22.2





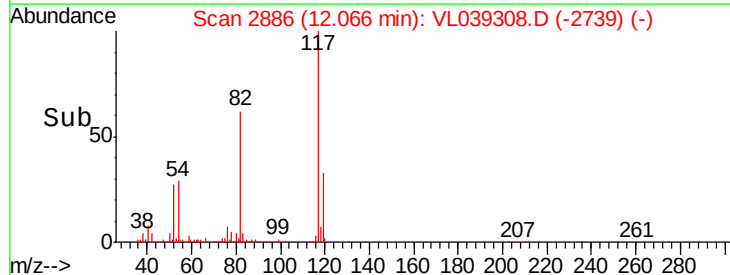
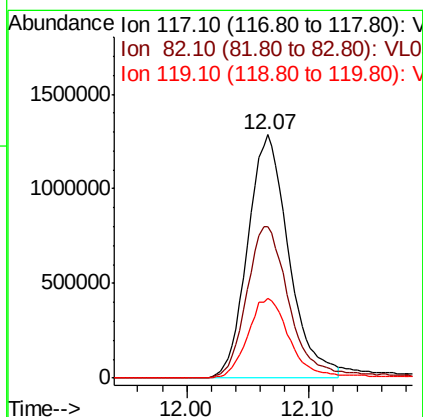
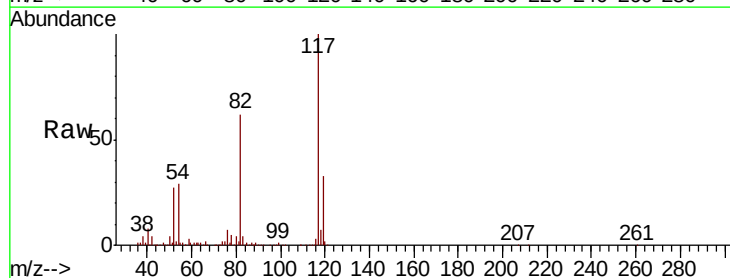
#39
 1,2-Dichloropropane
 Concen: 7.517 ppbv
 RT: 7.16
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VIBLK
 Acq: 15 Jun 2022 23:18

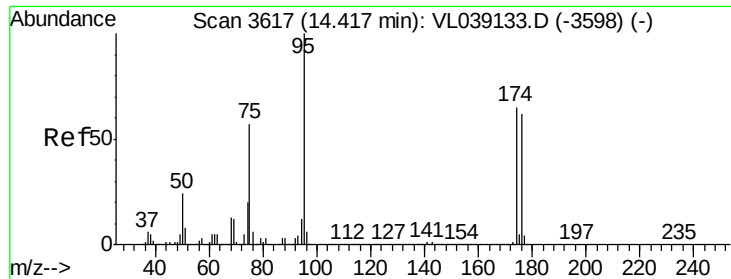
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.1	60.8	91.2#
62	17.3	52.9	79.3#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2886
 Delta R.T.: -0.03 min
 Lab File: VL039308.D
 Acq: 15 Jun 2022 23:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.0	55.1	82.7
119	34.4	24.7	37.1





#68

1-Bromo-4-Fluorobenzene

Concen: 9.074 ppbv

RT: 14.39 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId:

Acq: 15 Jun 2022 23:18

Tot Ion: 95 Resp: 2242853

Ion Ratio Lower Upper

95 100

174 74.6 53.8 80.8

175 5.4 4.1 6.1

