

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101022\
 Data File : VL039710.D
 Acq On : 11 Oct 2022 00:45
 Operator : SY/AP
 Sample : N4955-15 MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2022DL

Quant Time: Oct 11 07:25:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

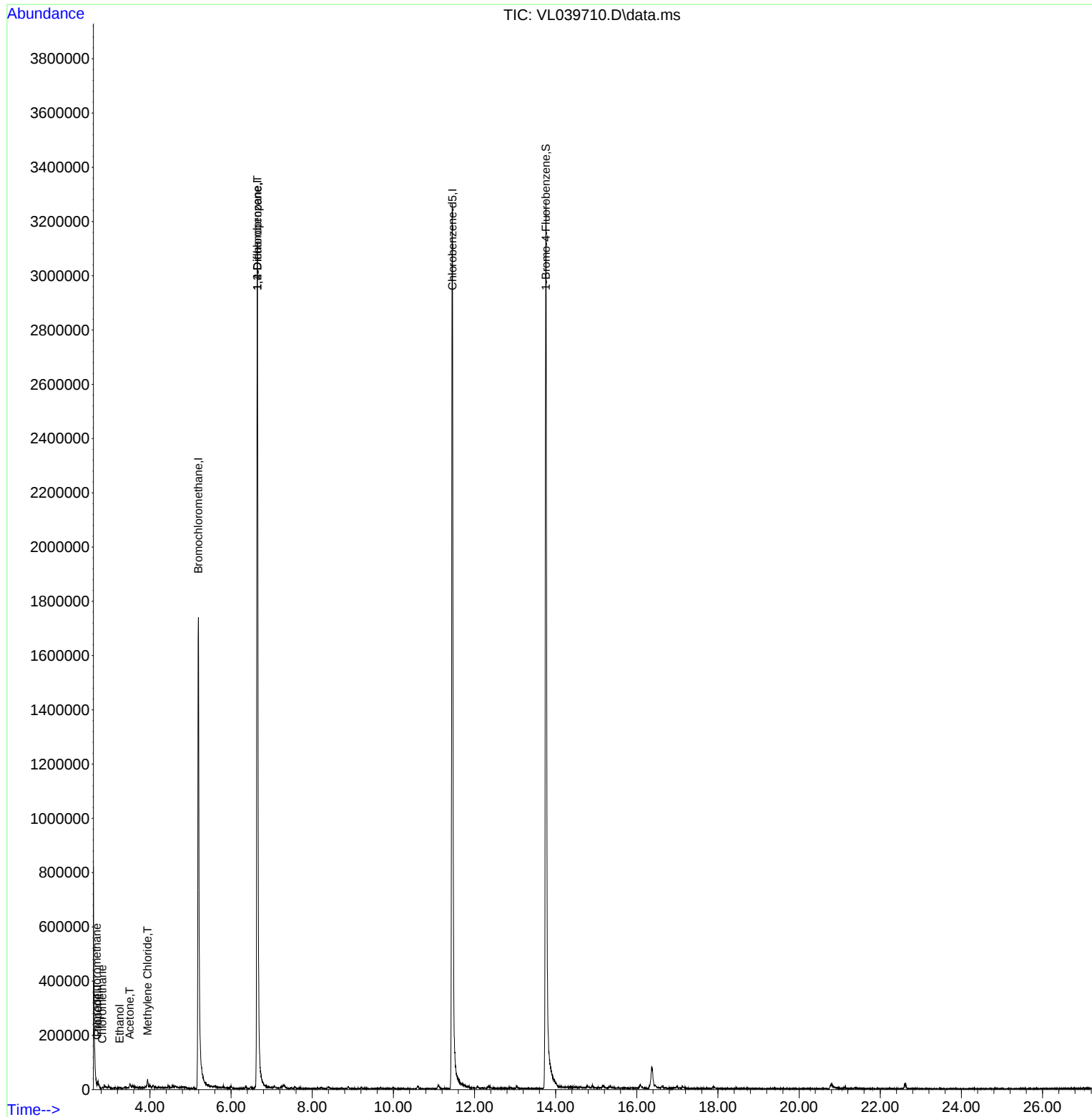
Internal Standards						
1) Bromochloromethane	5.192	49	948578	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2500866	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2190448	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1599939	9.785	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.687	51	3804	0.034	ppbv	100
4) Chloromethane	2.822	50	2061	0.030	ppbv #	82
9) Propene	2.716	41	7996	0.156	ppbv	94
13) Ethanol	3.253	45	118	0.030	ppbv #	23
15) Acetone	3.501	43	13416	0.127	ppbv #	66
20) Methylene Chloride	3.941	84	6101	0.125	ppbv #	90
39) 1,2-Dichloropropane	6.645	63	609378	8.254	ppbv #	25

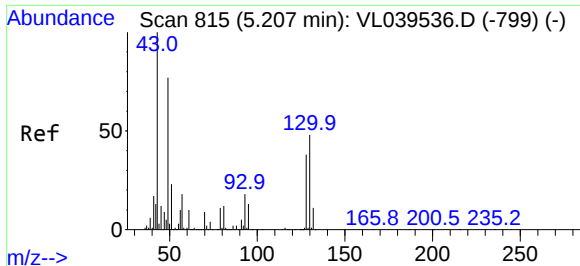
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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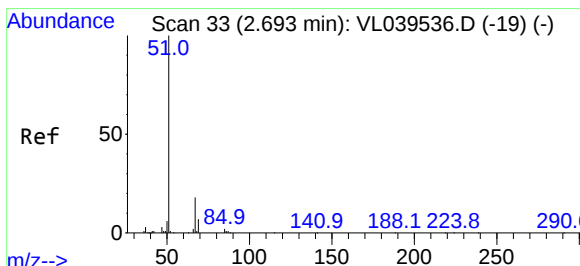
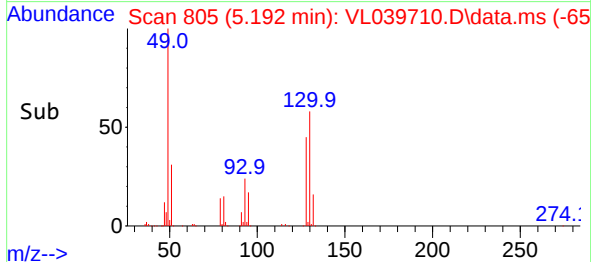
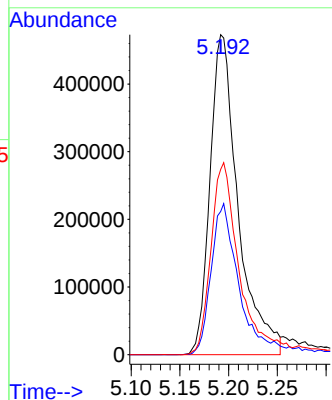
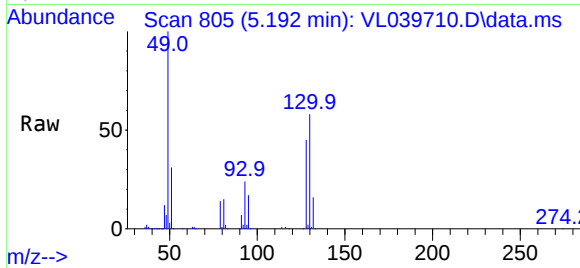




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.015 min
Lab File: VL039710.D
Acq: 11 Oct 2022 00:45

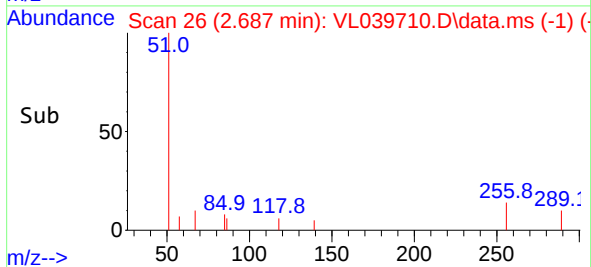
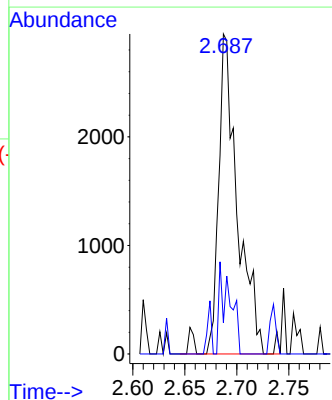
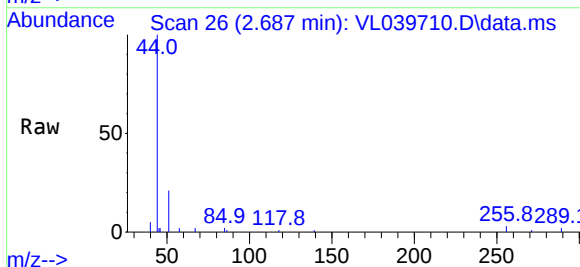
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

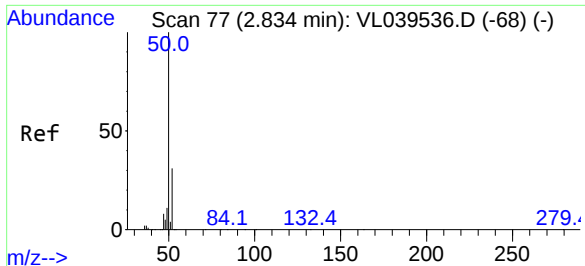
Tgt Ion: 49 Resp: 948578
Ion Ratio Lower Upper
49 100
128 50.7 26.7 80.0
130 65.5 34.3 102.8



#3
Chlorodifluoromethane
Concen: 0.034 ppbv
RT: 2.687 min Scan# 26
Delta R.T. -0.006 min
Lab File: VL039710.D
Acq: 11 Oct 2022 00:45

Tgt Ion: 51 Resp: 3804
Ion Ratio Lower Upper
51 100
67 19.6 15.7 23.5

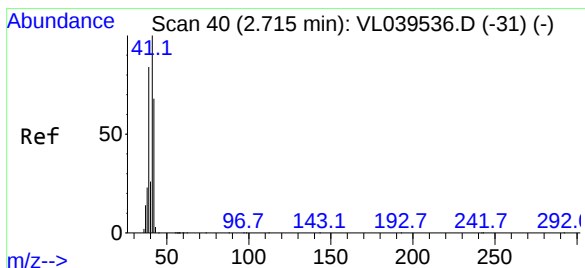
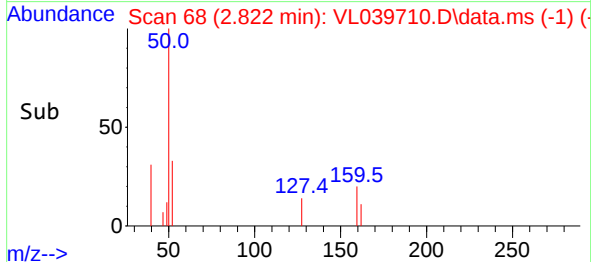
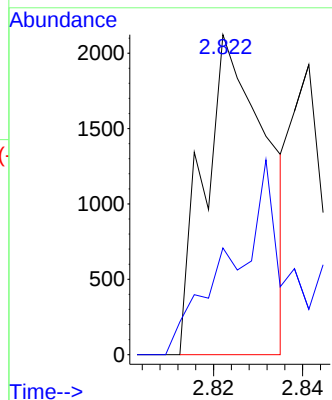
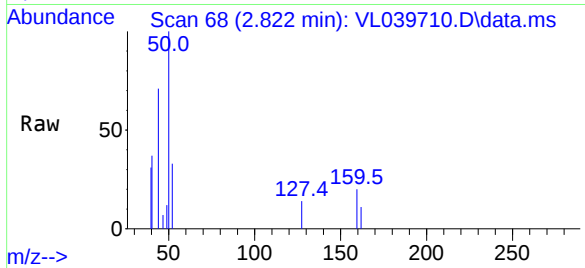




#4
Chloromethane
Concen: 0.030 ppbv
RT: 2.822 min Scan# 61
Delta R.T. -0.012 min
Lab File: VL039710.D
Acq: 11 Oct 2022 00:45

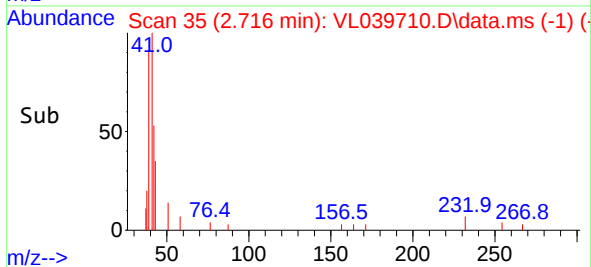
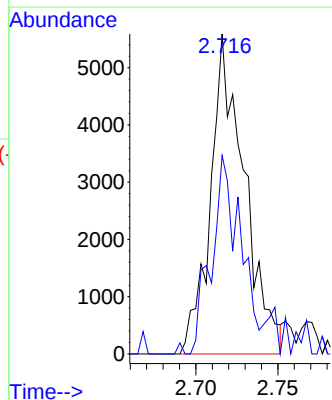
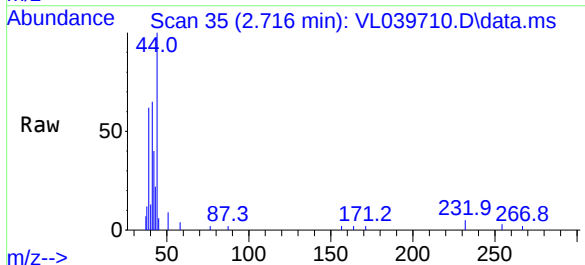
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

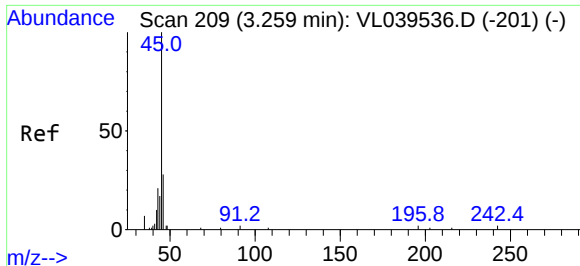
Tgt Ion: 50 Resp: 2061
Ion Ratio Lower Upper
50 100
52 23.1 26.5 39.7#



#9
Propene
Concen: 0.156 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.001 min
Lab File: VL039710.D
Acq: 11 Oct 2022 00:45

Tgt Ion: 41 Resp: 7996
Ion Ratio Lower Upper
41 100
42 63.8 55.2 82.8

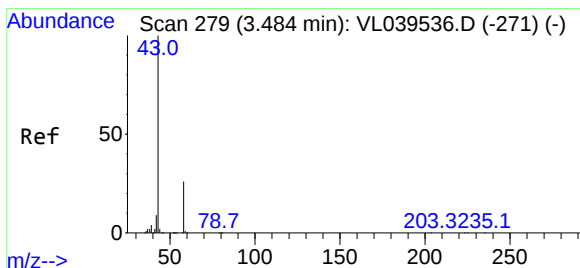
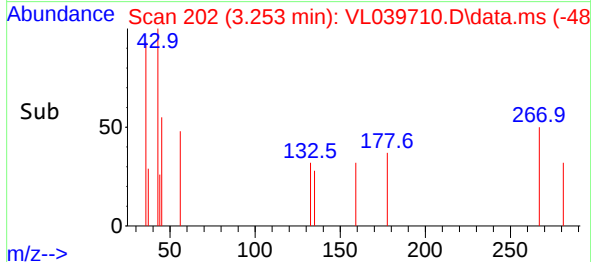
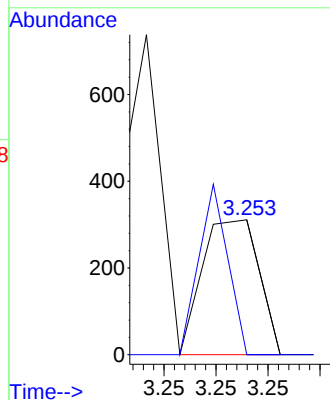
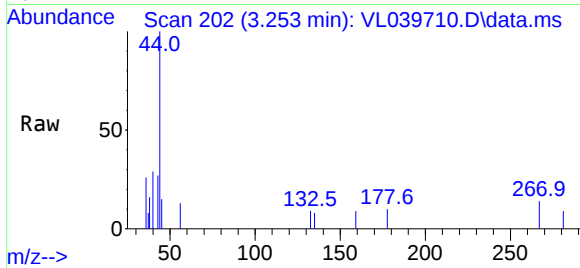




#13
Ethanol
Concen: 0.030 ppbv
RT: 3.253 min Scan# 209
Delta R.T. -0.006 min
Lab File: VL039710.D
Acq: 11 Oct 2022 00:45

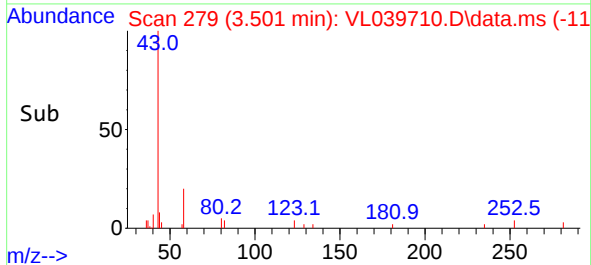
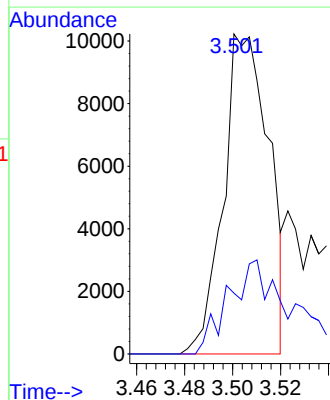
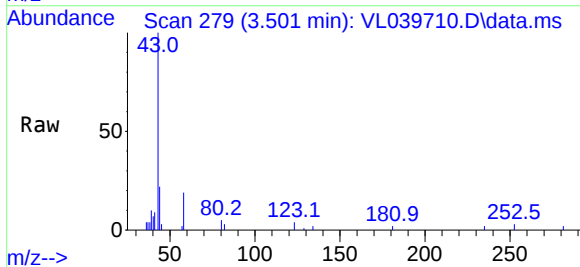
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

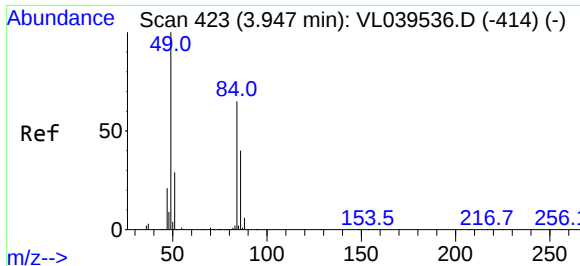
Tgt Ion: 45 Resp: 118
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#



#15
Acetone
Concen: 0.127 ppbv
RT: 3.501 min Scan# 279
Delta R.T. 0.017 min
Lab File: VL039710.D
Acq: 11 Oct 2022 00:45

Tgt Ion: 43 Resp: 13416
Ion Ratio Lower Upper
43 100
58 43.9 21.0 31.6#



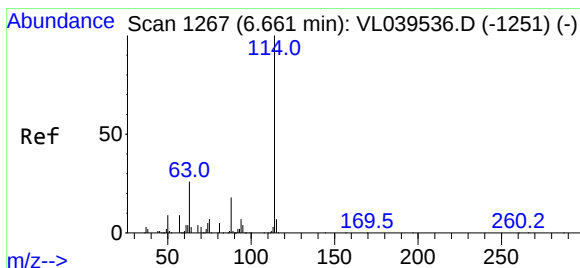
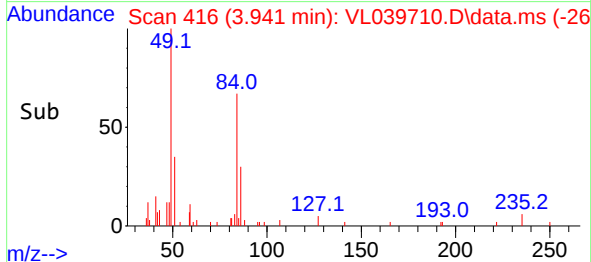
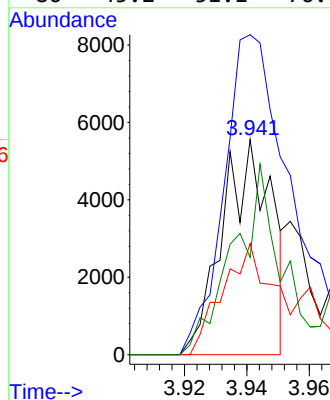
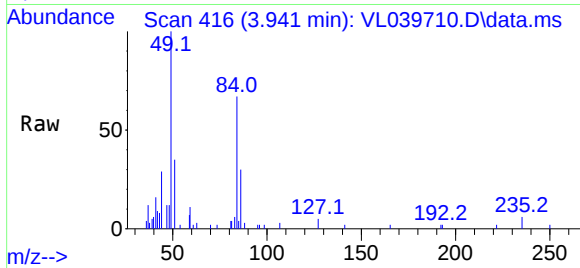


#20
Methylene Chloride
Concen: 0.125 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.006 min
Lab File: VL039710.D
Acq: 11 Oct 2022 00:45

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2022DL

Tgt Ion: 84 Resp: 6101

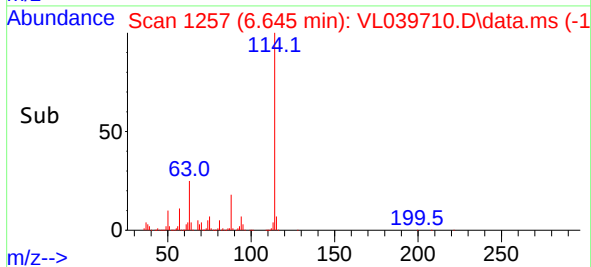
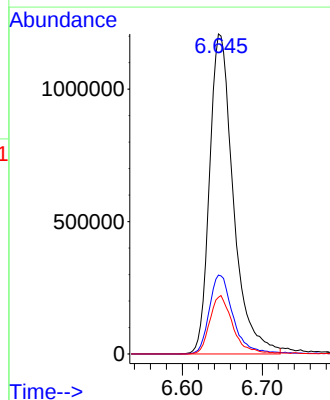
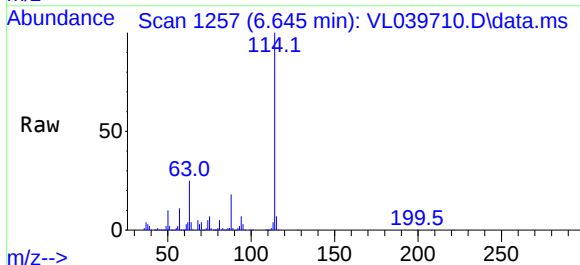
Ion	Ratio	Lower	Upper
84	100		
49	148.7	123.1	184.7
51	51.6	34.4	51.6#
86	45.2	51.1	76.7#

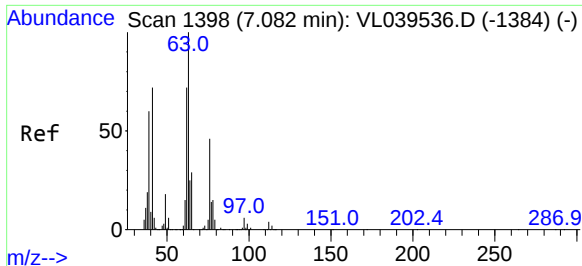


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.015 min
Lab File: VL039710.D
Acq: 11 Oct 2022 00:45

Tgt Ion: 114 Resp: 2500866

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.2	30.4
88	17.9	14.5	21.7





#39

1,2-Dichloropropane

Concen: 8.254 ppbv

RT: 6.645 min Scan# 1

Delta R.T. -0.437 min

Lab File: VL039710.D

Acq: 11 Oct 2022 00:45

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2022DL

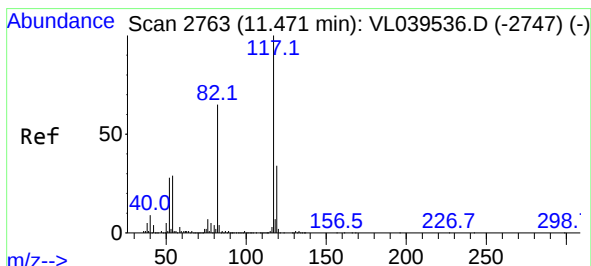
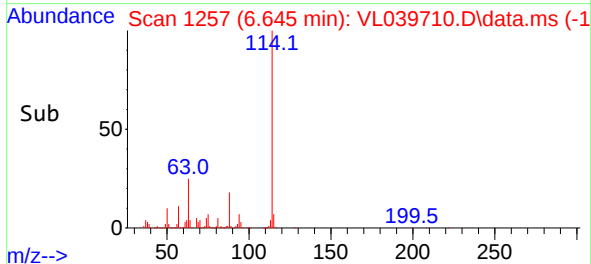
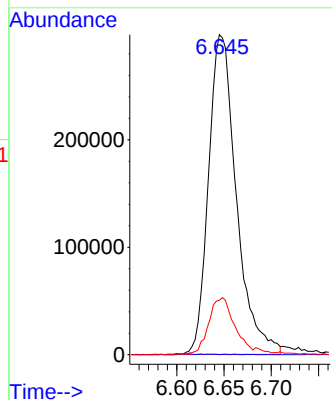
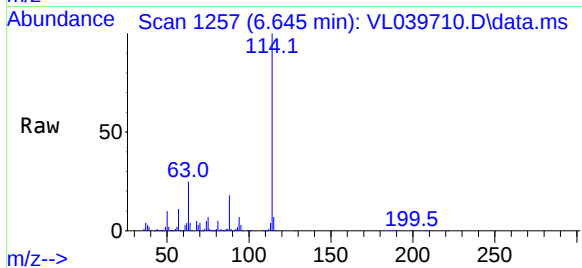
Tgt Ion: 63 Resp: 609378

Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 16.7 51.4 77.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 2752

Delta R.T. -0.019 min

Lab File: VL039710.D

Acq: 11 Oct 2022 00:45

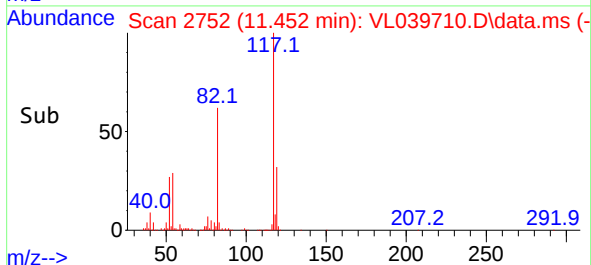
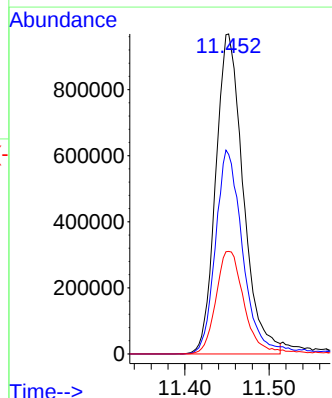
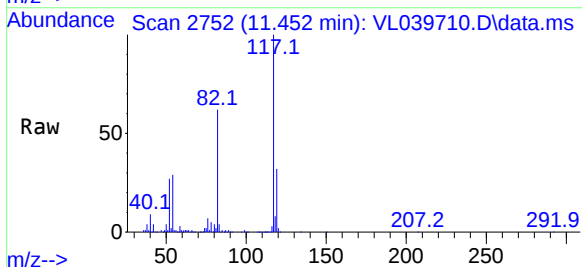
Tgt Ion: 117 Resp: 2190448

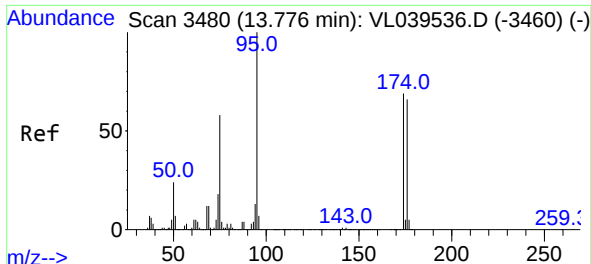
Ion Ratio Lower Upper

117 100

82 64.7 50.8 76.2

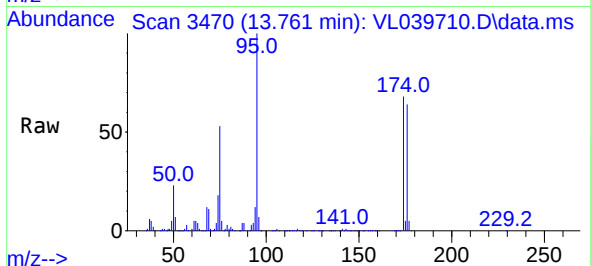
119 33.7 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.785 ppbv
 RT: 13.761 min Scan# 34
 Delta R.T. -0.015 min
 Lab File: VL039710.D
 Acq: 11 Oct 2022 00:45

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2022DL



Tgt Ion: 95 Resp: 1599939

Ion	Ratio	Lower	Upper
95	100		
174	75.7	55.9	83.9
175	5.5	4.2	6.4

