

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040331.D
 Acq On : 10 Apr 2023 18:55
 Operator : SY/MD
 Sample : 02213-14 LOQ 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2023

Quant Time: Apr 11 02:08:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

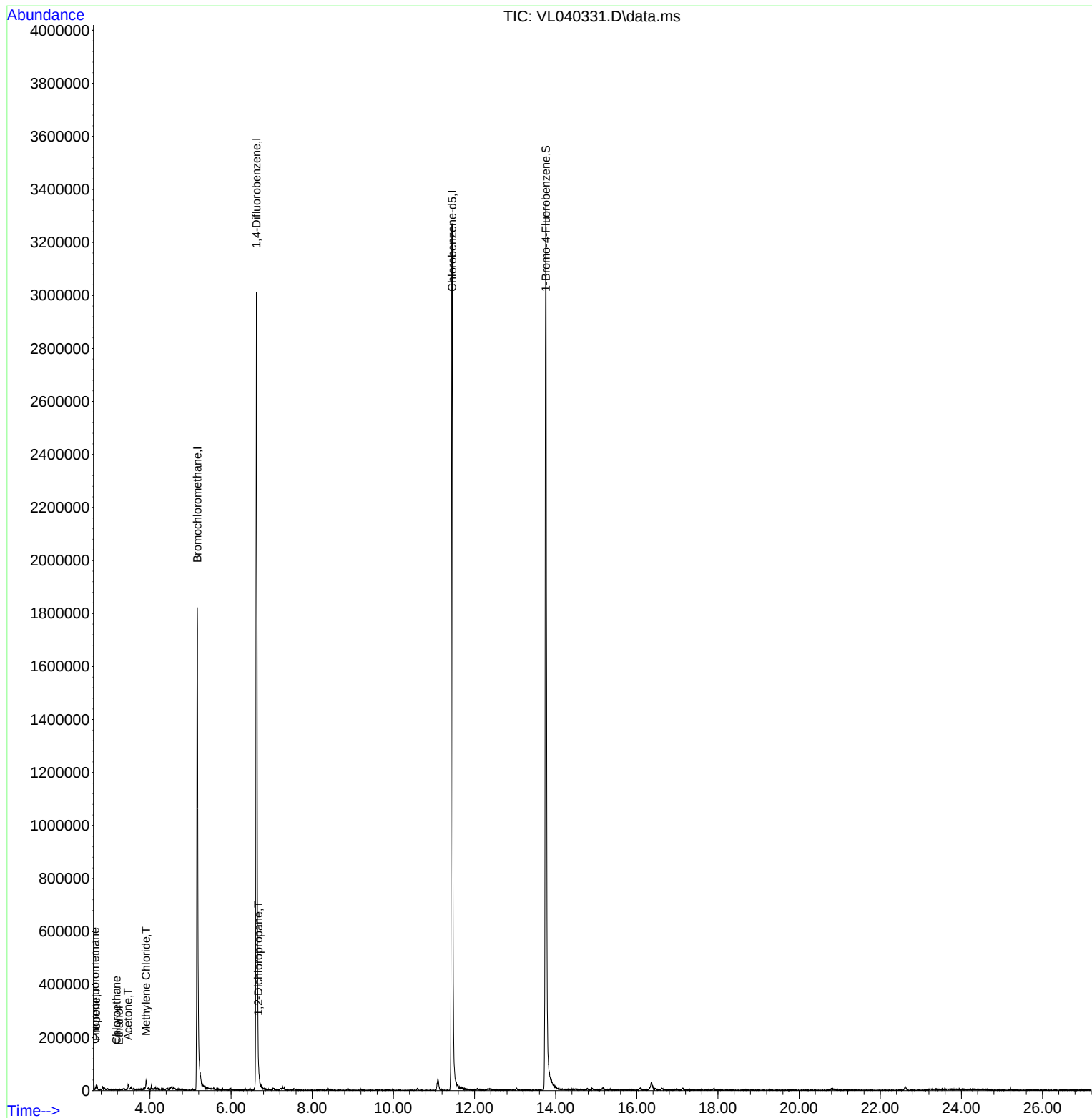
Internal Standards						
1) Bromochloromethane	5.166	49	878810	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.626	114	2165863	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.446	117	1963097	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1637983	9.964	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.649	51	3391	0.031	ppbv #	90
7) Chloroethane	3.176	64	677	0.032	ppbv #	88
9) Propene	2.674	41	3365	0.079	ppbv #	66
13) Ethanol	3.234	45	309	0.100	ppbv	67
15) Acetone	3.462	43	9141	0.085	ppbv #	48
20) Methylene Chloride	3.906	84	5947	0.132	ppbv	91
39) 1,2-Dichloropropane	6.674	63	6171	0.095	ppbv #	22

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

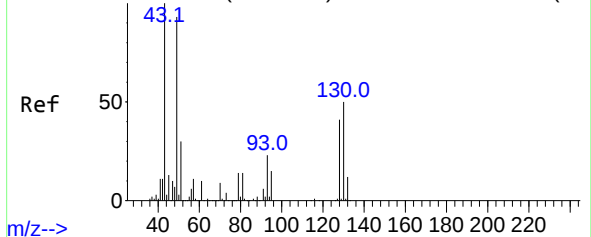
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
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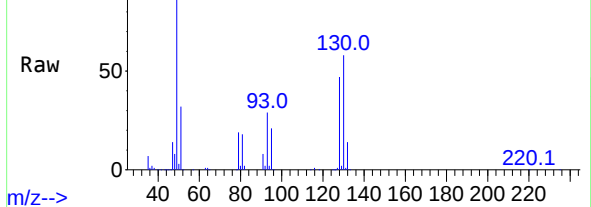


Abundance Scan 804 (5.189 min): VL040279.D\data.ms (-78)



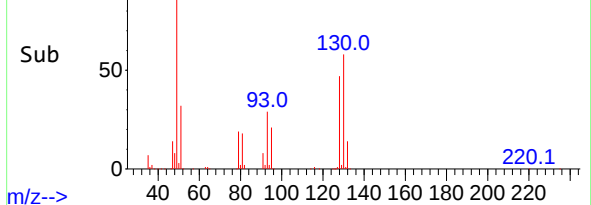
m/z-->

Abundance Scan 797 (5.166 min): VL040331.D\data.ms



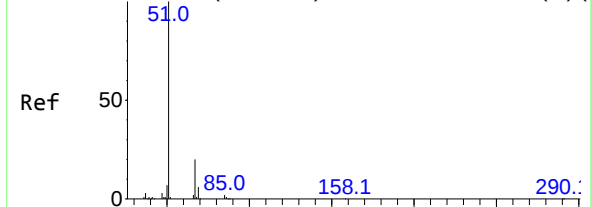
m/z-->

Abundance Scan 797 (5.166 min): VL040331.D\data.ms (-64)



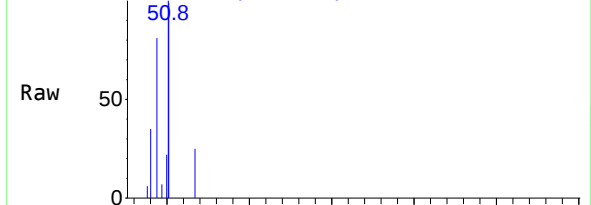
m/z-->

Abundance Scan 19 (2.665 min): VL040279.D\data.ms (-7)



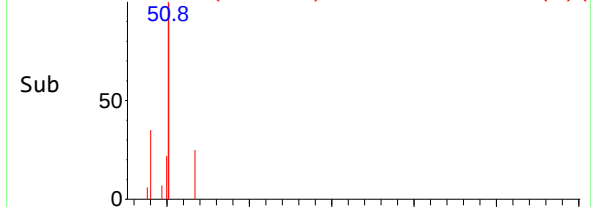
m/z-->

Abundance Scan 14 (2.649 min): VL040331.D\data.ms



m/z-->

Abundance Scan 14 (2.649 min): VL040331.D\data.ms (-1)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.166 min Scan# 79

Delta R.T. -0.023 min

Lab File: VL040331.D

Acq: 10 Apr 2023 18:55

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2023

Tgt Ion: 49 Resp: 878810

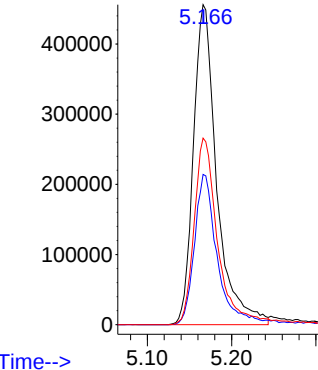
Ion Ratio Lower Upper

49 100

128 47.6 22.4 67.3

130 60.5 28.7 86.1

Abundance



Time-->

#3

Chlorodifluoromethane

Concen: 0.031 ppbv

RT: 2.649 min Scan# 14

Delta R.T. -0.016 min

Lab File: VL040331.D

Acq: 10 Apr 2023 18:55

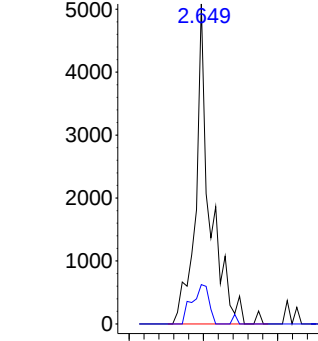
Tgt Ion: 51 Resp: 3391

Ion Ratio Lower Upper

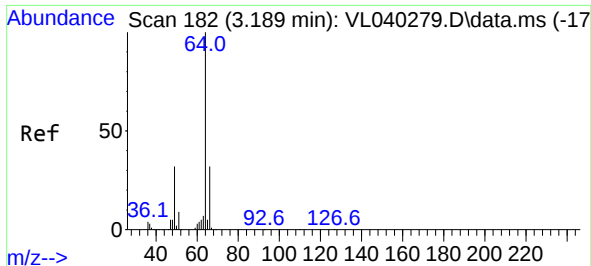
51 100

67 15.4 16.0 24.0#

Abundance



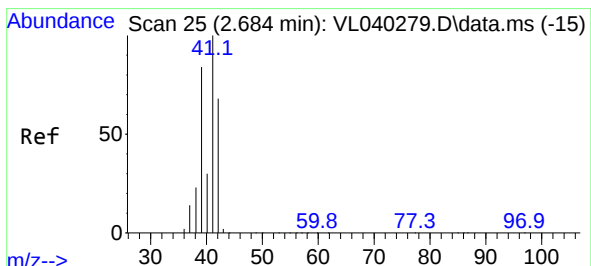
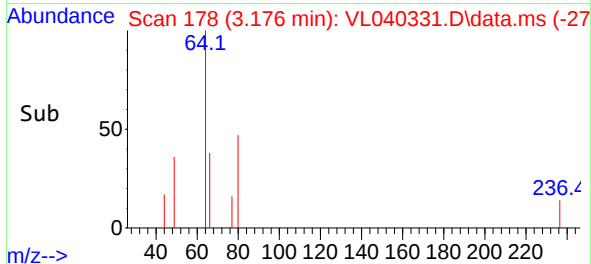
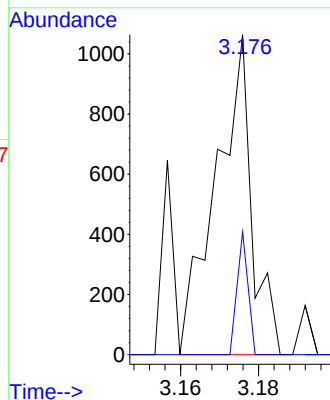
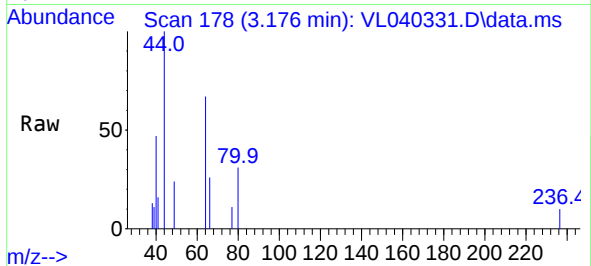
Time-->



#7
Chloroethane
Concen: 0.032 ppbv
RT: 3.176 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040331.D
Acq: 10 Apr 2023 18:55

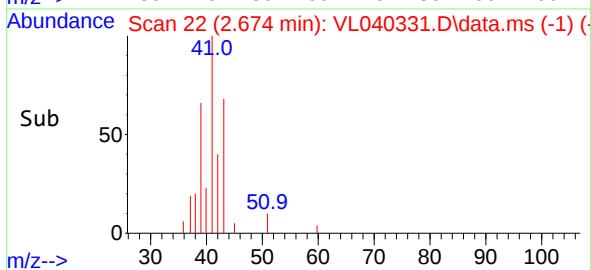
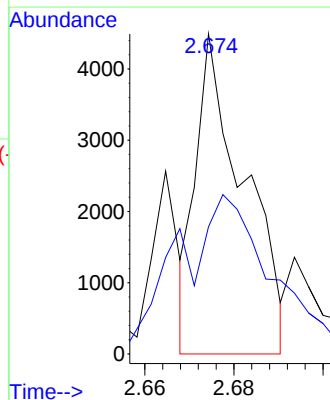
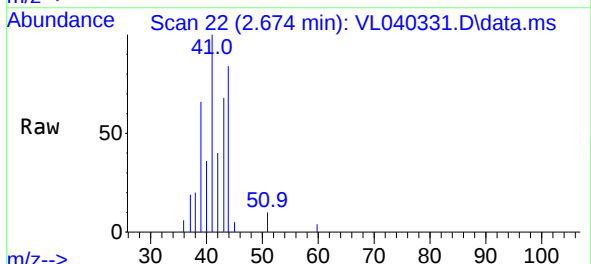
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

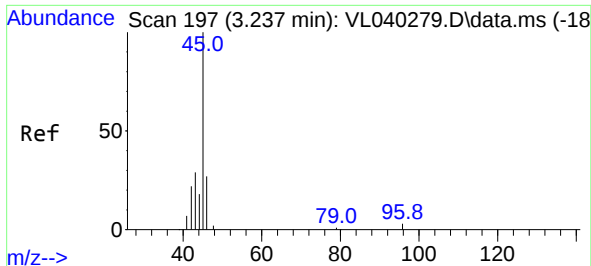
Tgt Ion: 64 Resp: 677
Ion Ratio Lower Upper
64 100
66 38.3 25.5 38.3#



#9
Propene
Concen: 0.079 ppbv
RT: 2.674 min Scan# 22
Delta R.T. -0.010 min
Lab File: VL040331.D
Acq: 10 Apr 2023 18:55

Tgt Ion: 41 Resp: 3365
Ion Ratio Lower Upper
41 100
42 102.3 59.0 88.4#

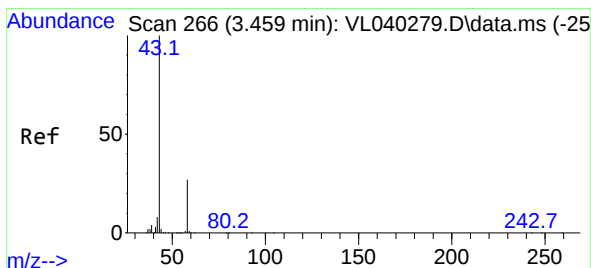
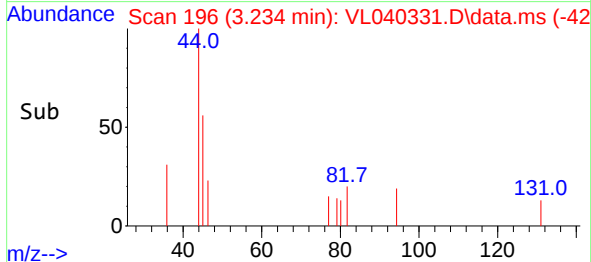
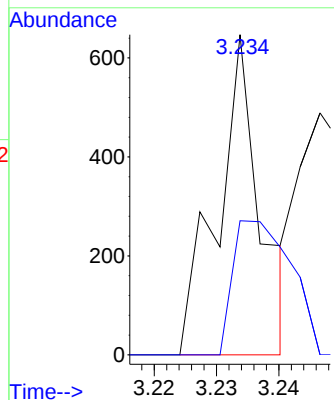
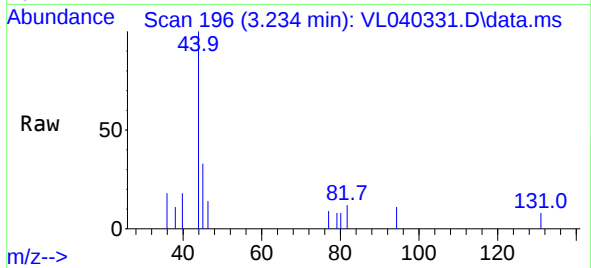




#13
Ethanol
Concen: 0.100 ppbv
RT: 3.234 min Scan# 197
Delta R.T. -0.003 min
Lab File: VL040331.D
Acq: 10 Apr 2023 18:55

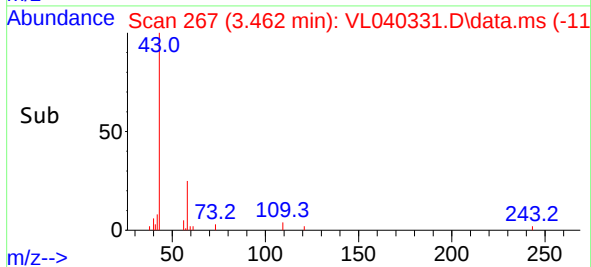
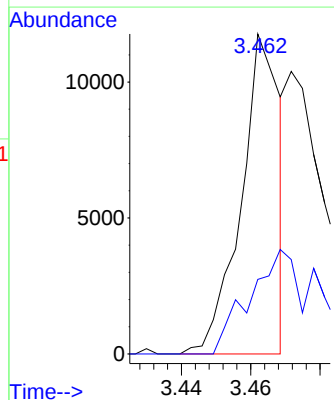
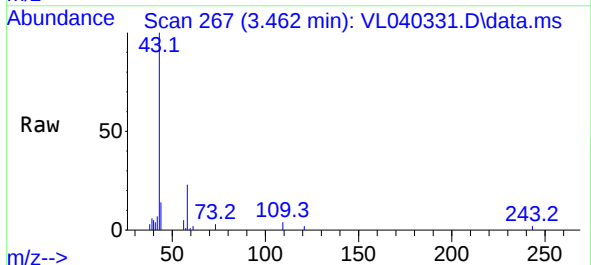
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

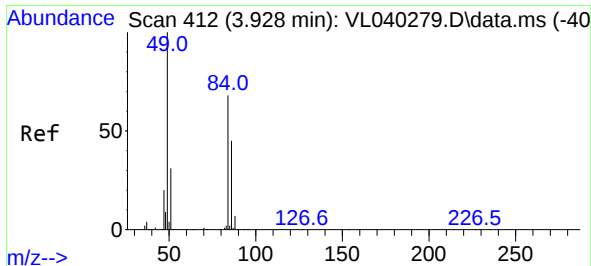
Tgt Ion: 45 Resp: 309
Ion Ratio Lower Upper
45 100
46 57.3 15.0 60.2



#15
Acetone
Concen: 0.085 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.003 min
Lab File: VL040331.D
Acq: 10 Apr 2023 18:55

Tgt Ion: 43 Resp: 9141
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.8#



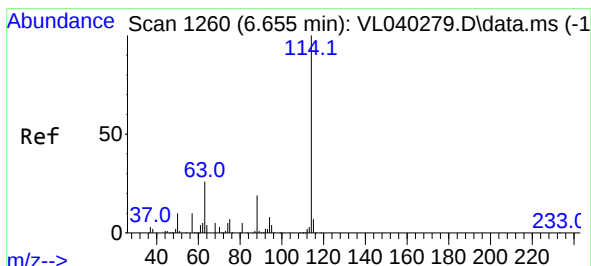
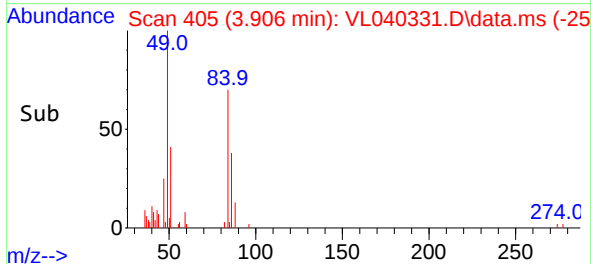
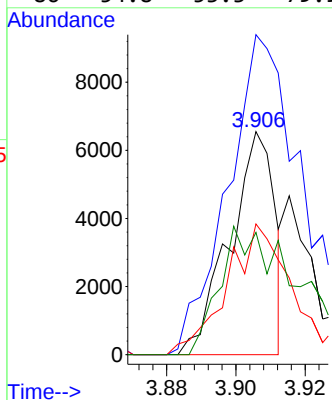
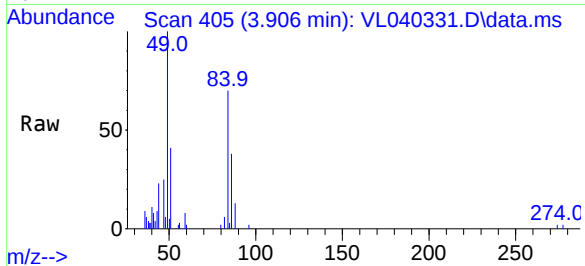


#20
Methylene Chloride
Concen: 0.132 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.022 min
Lab File: VL040331.D
Acq: 10 Apr 2023 18:55

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

Tgt Ion: 84 Resp: 5947

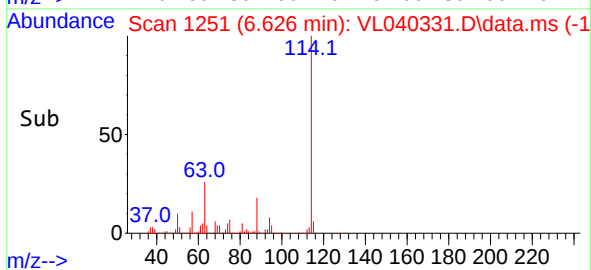
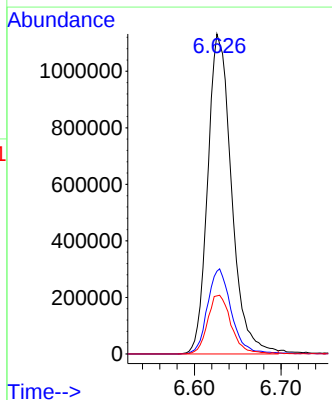
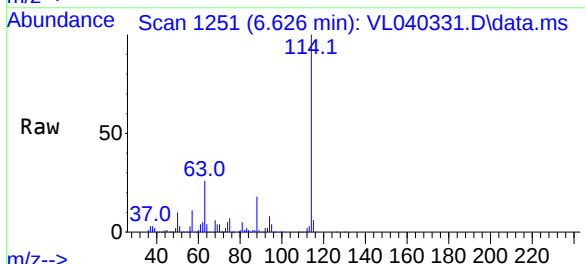
Ion	Ratio	Lower	Upper
84	100		
49	140.9	117.5	176.3
51	53.9	36.9	55.3
86	54.8	53.3	79.9

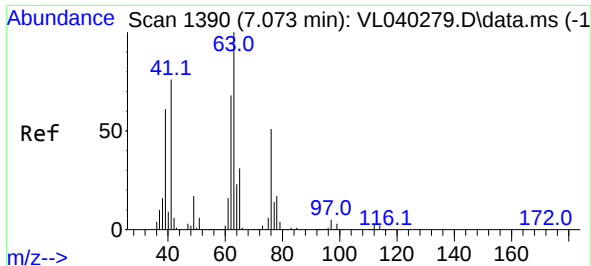


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. -0.029 min
Lab File: VL040331.D
Acq: 10 Apr 2023 18:55

Tgt Ion: 114 Resp: 2165863

Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.2	31.8
88	18.4	14.5	21.7





#39

1,2-Dichloropropane

Concen: 0.095 ppbv

RT: 6.674 min Scan# 11

Delta R.T. -0.399 min

Lab File: VL040331.D

Acq: 10 Apr 2023 18:55

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2023

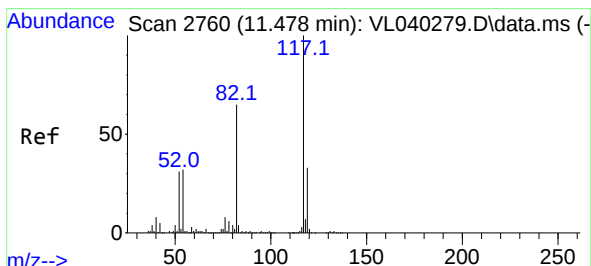
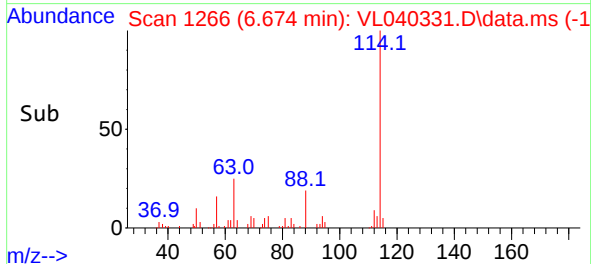
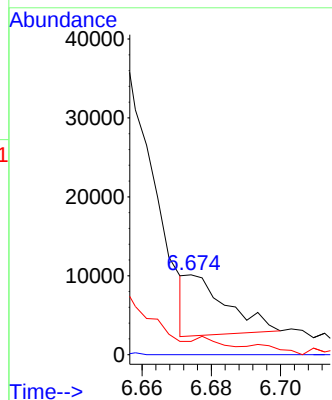
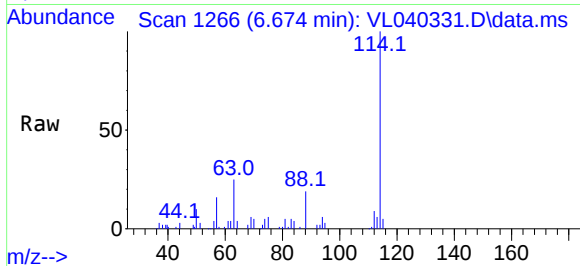
Tgt Ion: 63 Resp: 6171

Ion Ratio Lower Upper

63 100

41 0.0 60.8 91.2#

62 15.0 54.1 81.1#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.446 min Scan# 2750

Delta R.T. -0.032 min

Lab File: VL040331.D

Acq: 10 Apr 2023 18:55

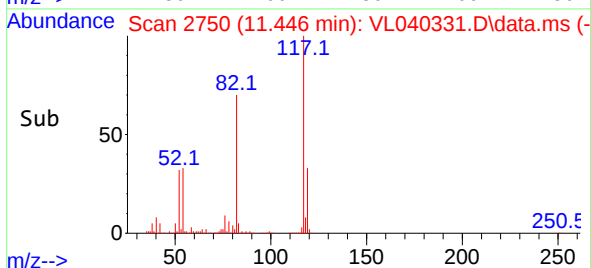
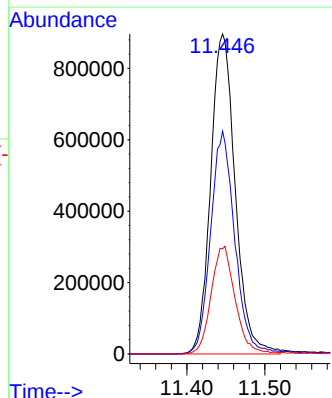
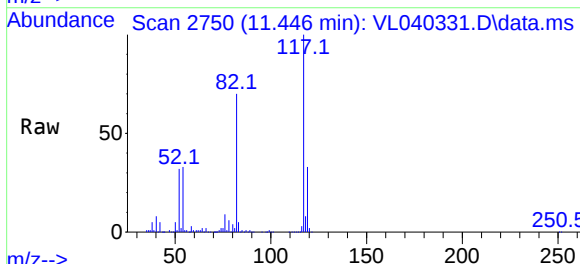
Tgt Ion: 117 Resp: 1963097

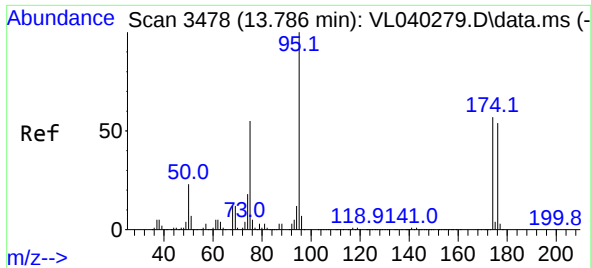
Ion Ratio Lower Upper

117 100

82 69.0 51.4 77.2

119 33.1 24.0 36.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.964 ppbv
 RT: 13.757 min Scan# 34
 Delta R.T. -0.029 min
 Lab File: VL040331.D
 Acq: 10 Apr 2023 18:55

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 1637983
 Ion Ratio Lower Upper
 95 100
 174 59.9 47.0 70.6
 175 4.2 3.4 5.2

