

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022323\
 Data File : VL040221.D
 Acq On : 23 Feb 2023 13:49
 Operator : SY/MD
 Sample : 01627-15 0.1 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2023

Quant Time: Feb 24 01:02:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Feb 24 00:45:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	809790	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2015865	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1767292	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1486646	10.230	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	16793	0.111	ppbv	94
3) Chlorodifluoromethane	2.665	51	10400	0.108	ppbv	93
4) Chloromethane	2.806	50	5212	0.086	ppbv	88
5) Vinyl Chloride	2.915	62	2344	0.048	ppbv #	71
6) Bromomethane	3.112	94	815	0.046	ppbv	96
7) Chloroethane	3.195	64	1788	0.092	ppbv #	61
8) Dichlorotetrafluoroethane	2.845	85	13329	0.102	ppbv	94
9) Propene	2.684	41	2471	0.063	ppbv #	1
10) Heptane	7.581	43	4067	0.043	ppbv #	58
11) Trichlorofluoromethane	3.552	101	15542	0.115	ppbv #	75
12) 1,1,2-Trichlorotrifluo...	4.057	101	5877	0.059	ppbv #	16
13) Ethanol	3.253	45	888	0.245	ppbv	96
14) Bromoethene	3.356	108	1841	0.048	ppbv #	10
15) Acetone	3.488	43	17145	0.176	ppbv #	79
16) 1,3-Butadiene	2.980	39	1764	0.040	ppbv #	1
17) tert-Butyl alcohol	3.864	59	127	0.001	ppbv #	72
18) 1,1-Dichloroethene	3.870	96	2686	0.062	ppbv	94
19) Isopropyl Alcohol	3.591	45	1974	0.043	ppbv #	90
20) Methylene Chloride	3.928	84	13592	0.268	ppbv #	90
21) Allyl Chloride	3.989	41	4566	0.076	ppbv #	54
22) trans-1,2-Dichloroethene	4.436	96	1802	0.040	ppbv #	69
23) Vinyl Acetate	4.620	43	590	0.020	ppbv #	67
24) 1,1-Dichloroethane	4.555	63	10322	0.112	ppbv	99
25) Ethyl Acetate	5.211	43	9497	0.052	ppbv #	74
26) Hexane	5.208	57	4945	0.064	ppbv #	15
27) Carbon Disulfide	4.124	76	8002	0.081	ppbv #	52
28) Methyl tert-Butyl Ether	4.591	73	1942	0.023	ppbv #	52
29) Chloroform	5.324	83	140	0.001	ppbv	96
30) Cyclohexane	6.600	84	1307	0.021	ppbv #	1
31) cis-1,2-Dichloroethene	5.076	61	4599	0.062	ppbv #	77
32) 1,1,1-Trichloroethane	6.005	97	4612	0.037	ppbv #	22
34) 2-Butanone	4.764	43	306	0.003	ppbv #	53
35) Carbon Tetrachloride	6.494	117	8765	0.074	ppbv #	84
36) Benzene	6.362	78	13529	0.086	ppbv #	74
37) 1,2-Dichloroethane	5.800	62	4449	0.045	ppbv #	68
38) Trichloroethene	7.288	130	1656	0.019	ppbv #	1
39) 1,2-Dichloropropane	6.648	63	508901	8.339	ppbv #	26
40) 1,4-Dioxane	7.333	88	467	0.019	ppbv #	1
41) Tetrahydrofuran	5.565	42	233	0.004	ppbv #	35
42) Bromodichloromethane	7.240	83	4337	0.032	ppbv	86
43) Methyl Methacrylate	7.472	69	738	0.013	ppbv #	1
44) 2,2,4-Trimethylpentane	7.327	57	8768	0.033	ppbv #	2
45) t-1,3-Dichloropropene	8.722	75	2022	0.039	ppbv	91

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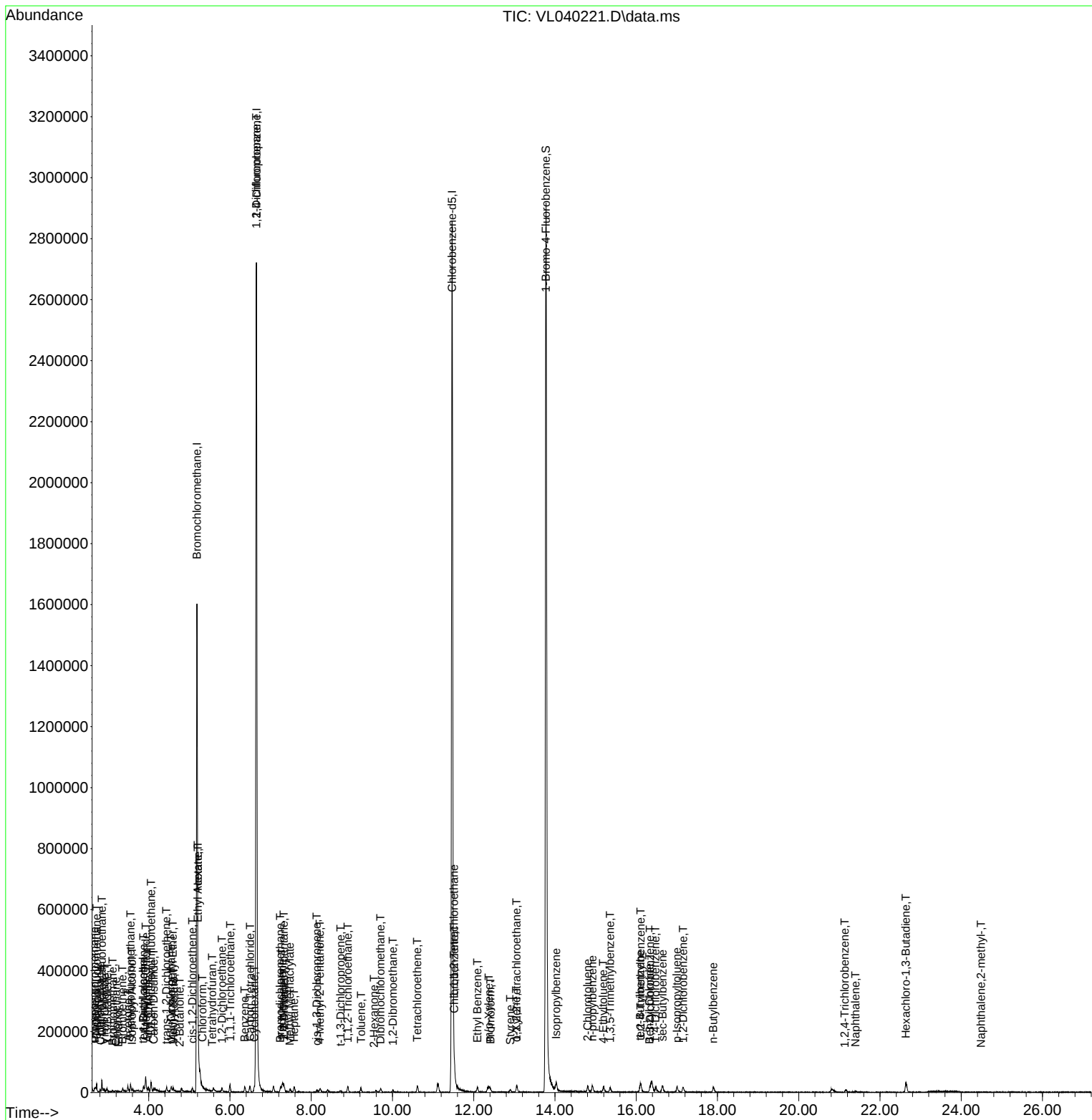
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2023

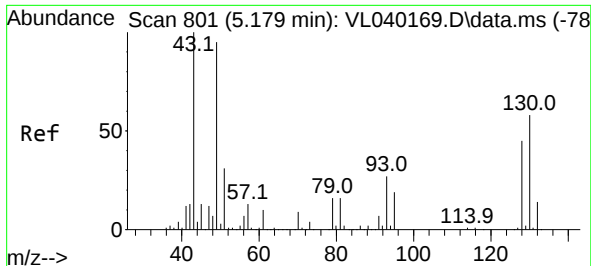
Quant Time: Feb 24 01:02:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Feb 24 00:45:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.137	75	1040	0.014	ppbv	#	40
47) 1,1,2-Trichloroethane	8.896	97	2616	0.040	ppbv	#	88
48) Dibromochloromethane	9.703	129	2497	0.024	ppbv	#	1
49) Bromoform	12.413	173	2010	0.024	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.214	43	4977	0.032	ppbv	#	39
51) 2-Hexanone	9.549	43	86	0.001	ppbv	#	29
52) Tetrachloroethene	10.610	164	2063	0.042	ppbv	#	79
53) Toluene	9.227	91	5399	0.032	ppbv	#	21
54) 1,2-Dibromoethane	10.012	107	2493	0.036	ppbv	#	80
56) 1,1,1,2-Tetrachloroethane	11.513	131	2457	0.033	ppbv	#	1
57) Chlorobenzene	11.523	112	10287	0.080	ppbv	#	53
58) Ethyl Benzene	12.089	91	6223	0.029	ppbv		95
59) m/p-Xylene	12.375	91	3783	0.020	ppbv	#	33
60) o-Xylene	13.050	91	3581	0.020	ppbv	#	1
61) Styrene	12.899	104	3118	0.032	ppbv	#	47
62) Isopropylbenzene	14.031	105	9017	0.034	ppbv	#	36
63) 1,1,2,2-Tetrachloroethane	13.053	83	1586	0.024	ppbv	#	21
64) n-propylbenzene	14.921	120	824	0.013	ppbv	#	1
65) tert-Butylbenzene	16.095	119	2648	0.012	ppbv	#	16
66) Benzyl Chloride	16.326	91	198	0.013	ppbv	#	67
67) sec-Butylbenzene	16.648	105	10489	0.032	ppbv	#	55
69) p-Isopropyltoluene	17.002	119	7658	0.029	ppbv	#	54
70) n-Butylbenzene	17.892	91	2566	0.009	ppbv	#	33
71) 2-Chlorotoluene	14.802	91	4419	0.022	ppbv	#	45
72) 4-Ethyltoluene	15.188	105	3870	0.019	ppbv	#	49
73) 1,3,5-Trimethylbenzene	15.359	105	3344	0.018	ppbv	#	34
74) 1,2,4-Trimethylbenzene	16.111	105	1965	0.010	ppbv	#	53
75) 1,3-Dichlorobenzene	16.339	146	3342	0.030	ppbv	#	1
76) 1,4-Dichlorobenzene	16.471	146	2507	0.023	ppbv	#	1
77) 1,2-Dichlorobenzene	17.153	146	4477	0.040	ppbv	#	14
78) Hexachloro-1,3-Butadiene	22.638	225	3320	0.043	ppbv	#	18
79) Naphthalene	21.397	128	1068	0.009	ppbv	#	83
80) Naphthalene,2-methyl-	24.487	142	208	0.006	ppbv	#	24
81) 1,2,4-Trichlorobenzene	21.130	180	159	0.002	ppbv	#	11

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
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QLast Update : Fri Feb 24 00:45:34 2023
Response via : Initial Calibration

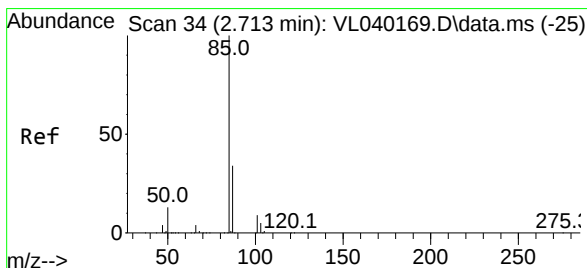
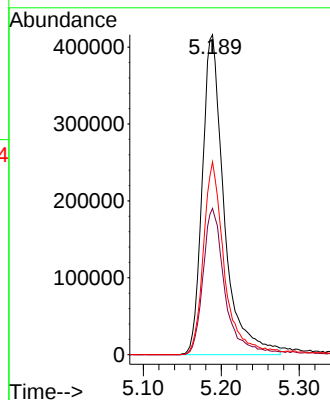
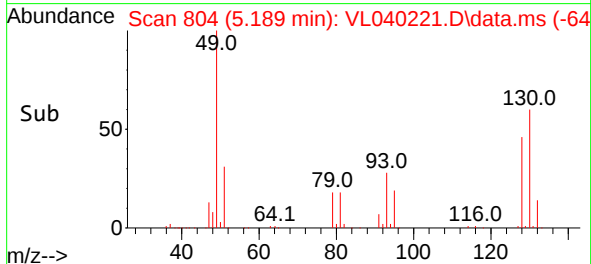
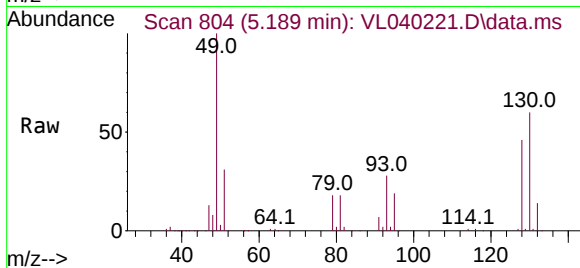




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

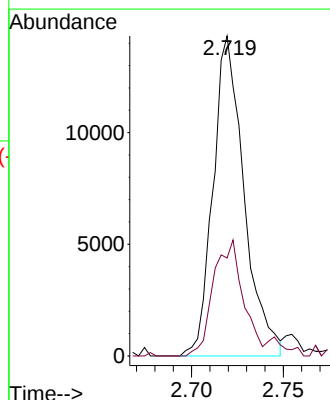
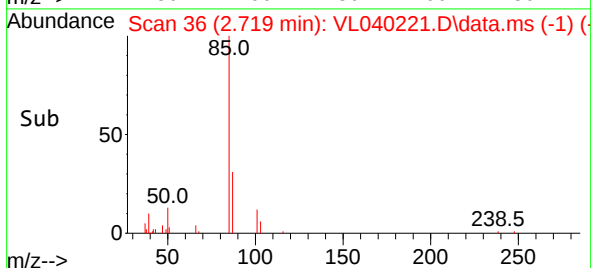
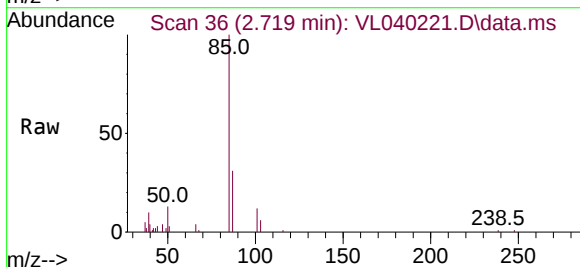
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

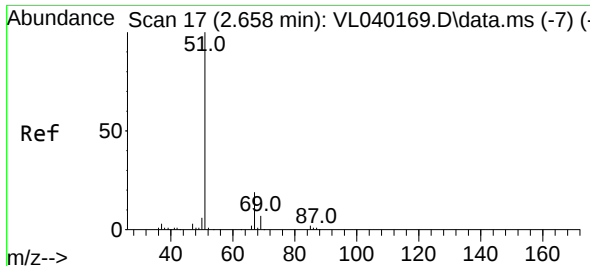
Tgt Ion: 49 Resp: 809790
Ion Ratio Lower Upper
49 100
128 47.0 24.1 72.3
130 59.9 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 0.111 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.000 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 85 Resp: 16793
Ion Ratio Lower Upper
85 100
87 30.6 27.0 40.6

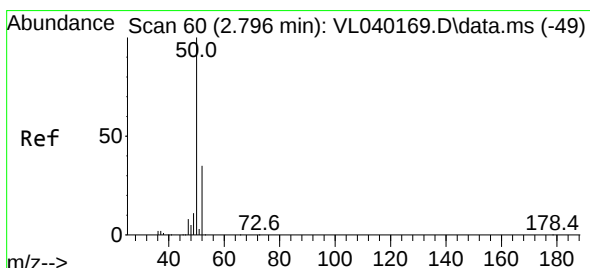
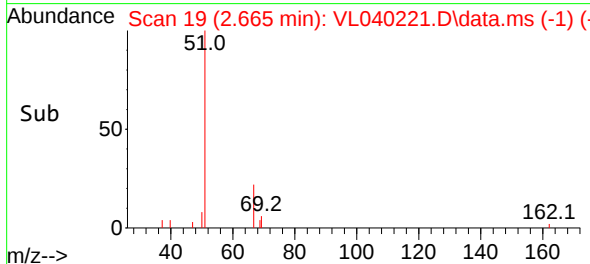
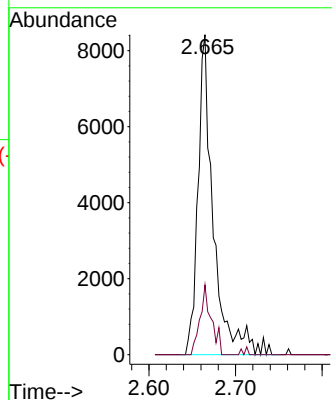
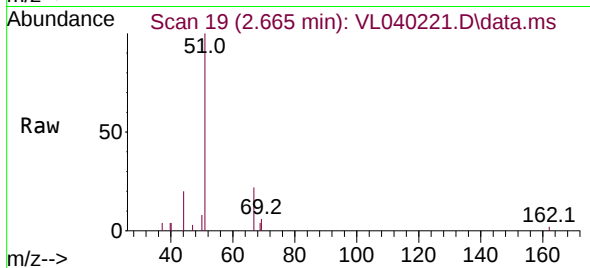




#3
Chlorodifluoromethane
Concen: 0.108 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

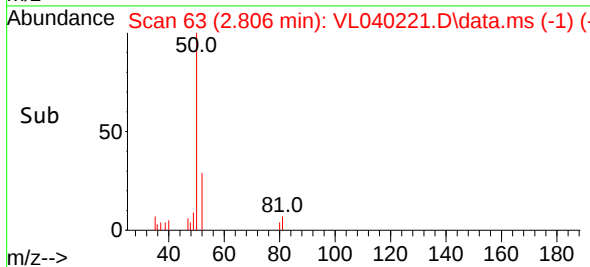
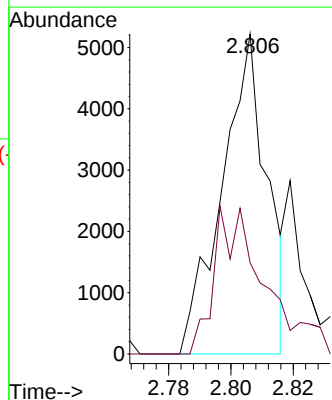
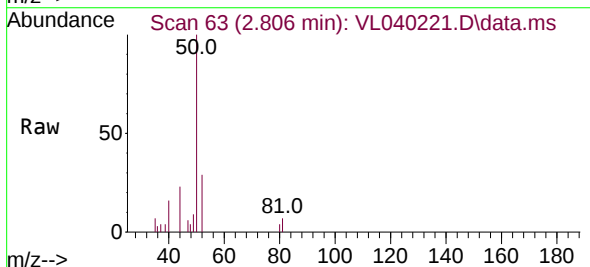
Instrument :
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ClientSampleId :
MDL-AIR-03-QT1-2023

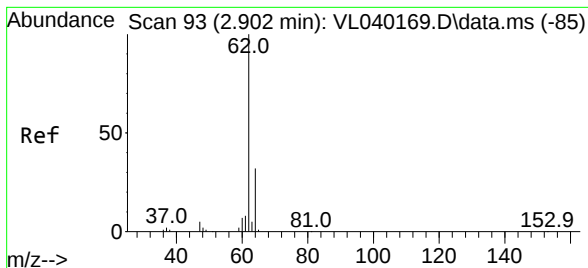
Tgt Ion: 51 Resp: 10400
Ion Ratio Lower Upper
51 100
67 16.1 15.4 23.2



#4
Chloromethane
Concen: 0.086 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.003 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 50 Resp: 5212
Ion Ratio Lower Upper
50 100
52 28.5 28.3 42.5

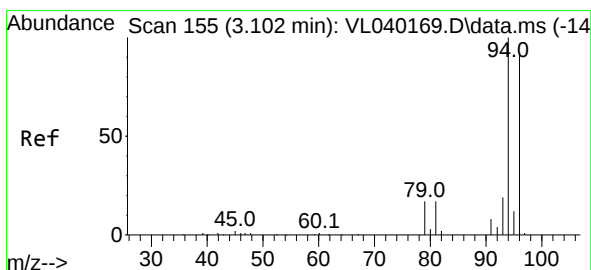
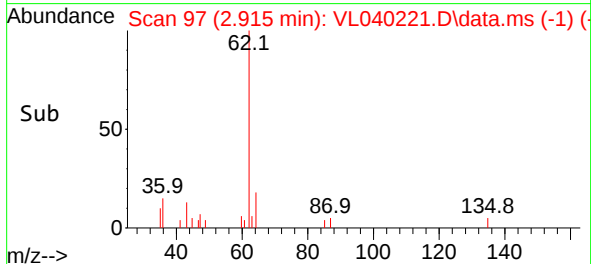
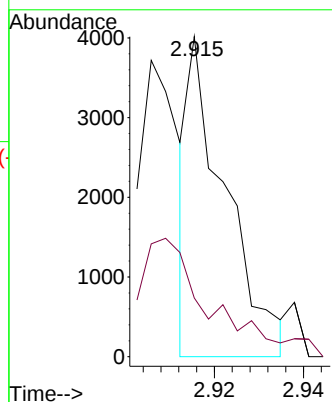
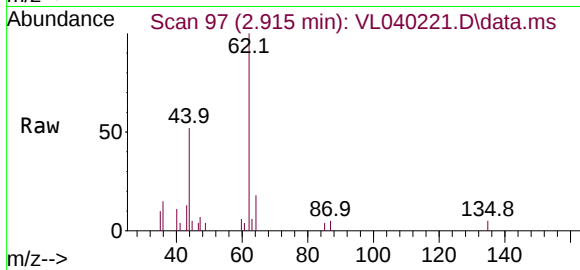




#5
 Vinyl Chloride
 Concen: 0.048 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL040221.D
 Acq: 23 Feb 2023 13:49

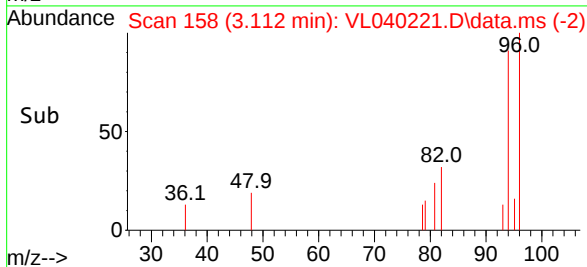
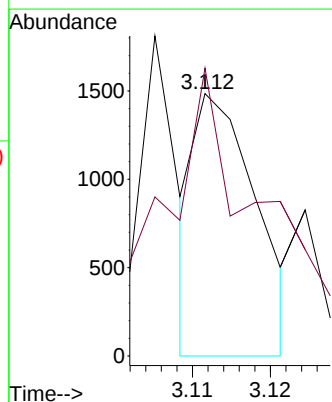
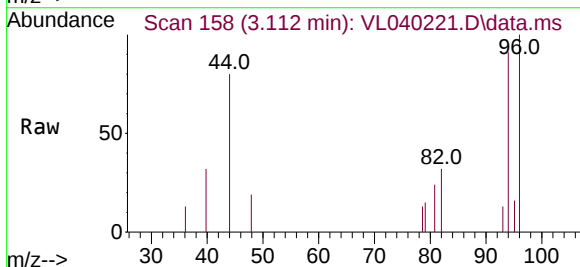
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2023

Tgt Ion: 62 Resp: 2344
 Ion Ratio Lower Upper
 62 100
 64 15.9 25.6 38.4#



#6
 Bromomethane
 Concen: 0.046 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VL040221.D
 Acq: 23 Feb 2023 13:49

Tgt Ion: 94 Resp: 815
 Ion Ratio Lower Upper
 94 100
 96 87.6 73.4 110.2

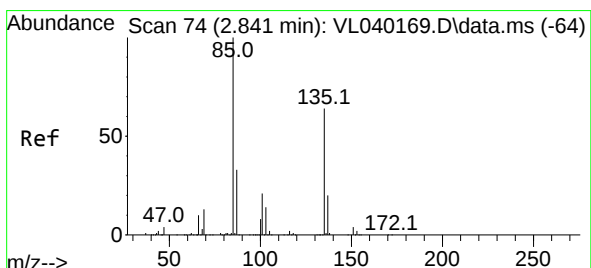
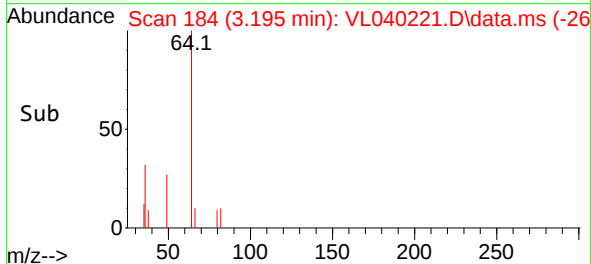
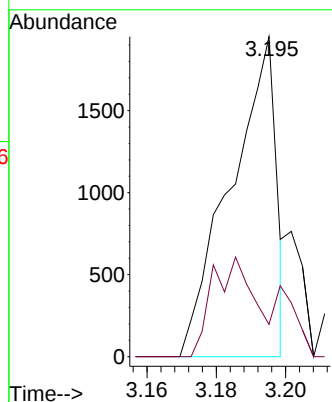
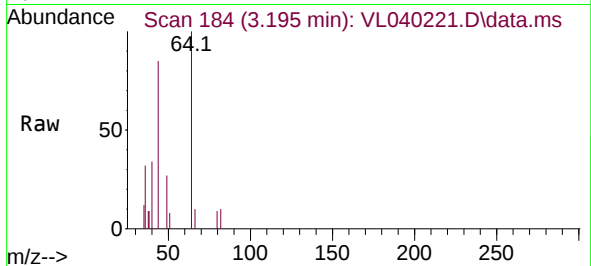




#7
Chloroethane
Concen: 0.092 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

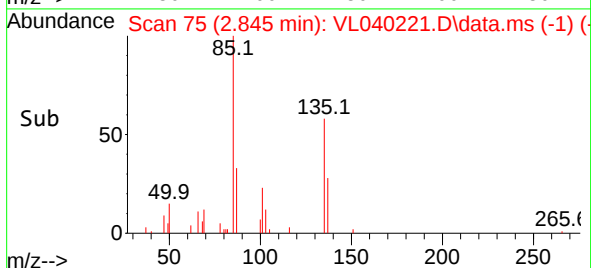
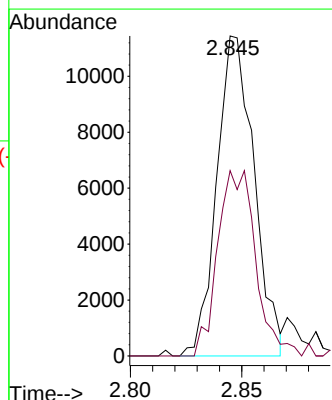
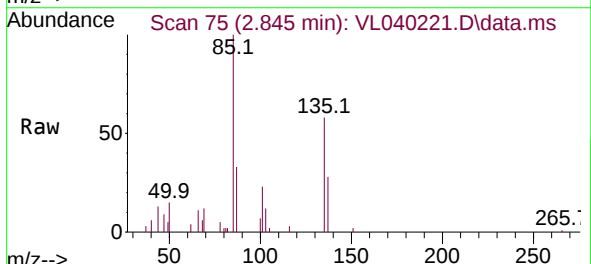
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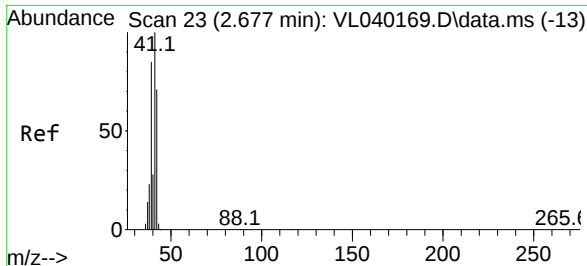
Tgt Ion: 64 Resp: 1788
Ion Ratio Lower Upper
64 100
66 10.1 25.4 38.2#



#8
Dichlorotetrafluoroethane
Concen: 0.102 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 85 Resp: 13329
Ion Ratio Lower Upper
85 100
135 59.5 51.5 77.3





#9

Propene

Concen: 0.063 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

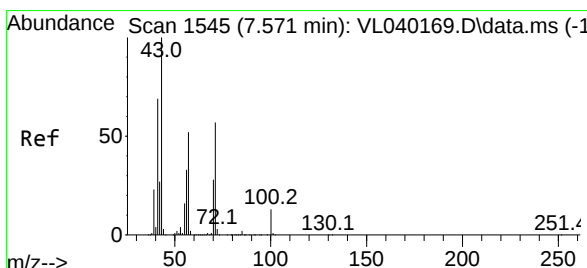
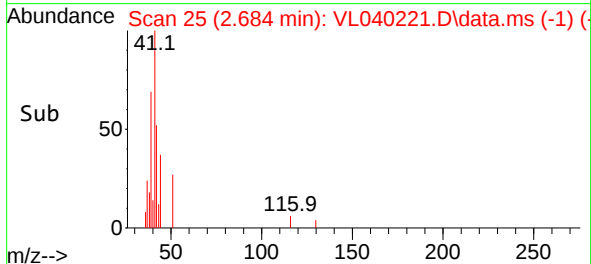
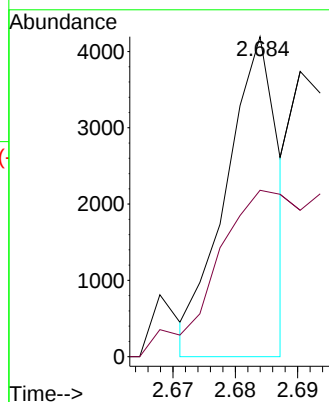
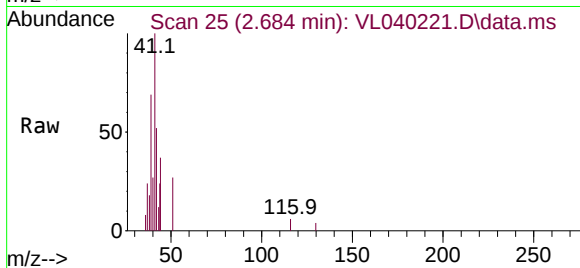
MDL-AIR-03-QT1-2023

Tgt Ion: 41 Resp: 2471

Ion Ratio Lower Upper

41 100

42 160.3 56.9 85.3#



#10

Heptane

Concen: 0.043 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VL040221.D

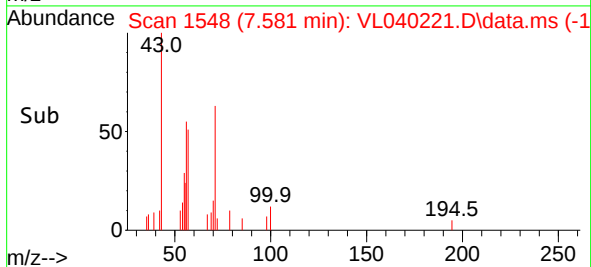
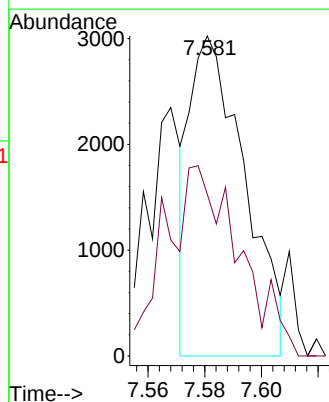
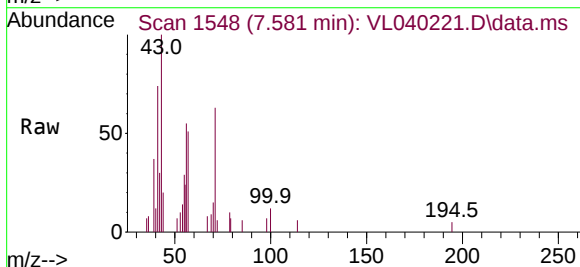
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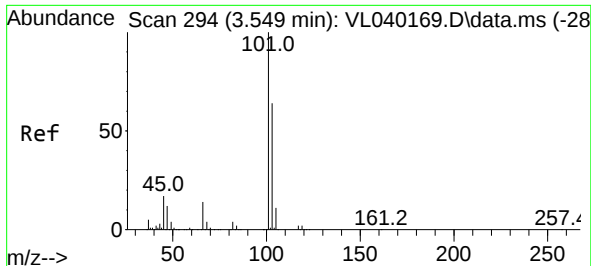
Tgt Ion: 43 Resp: 4067

Ion Ratio Lower Upper

43 100

57 81.5 41.4 62.2#

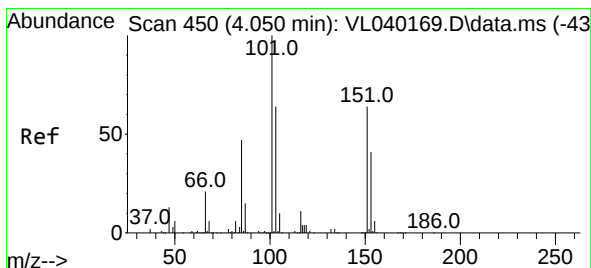
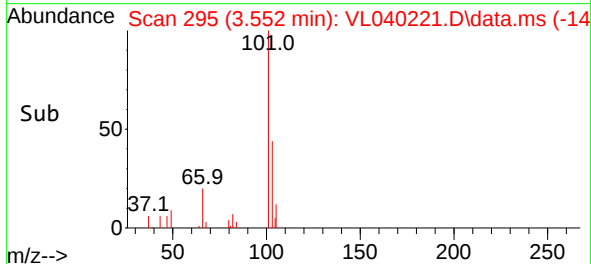
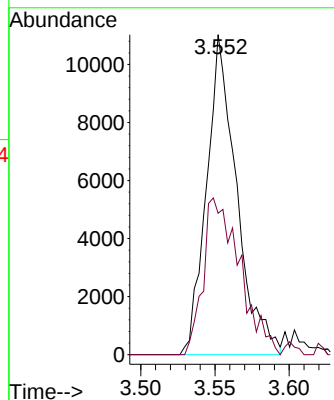
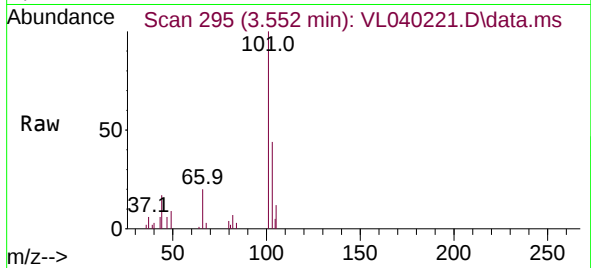




#11
 Trichlorofluoromethane
 Concen: 0.115 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. -0.003 min
 Lab File: VL040221.D
 Acq: 23 Feb 2023 13:49

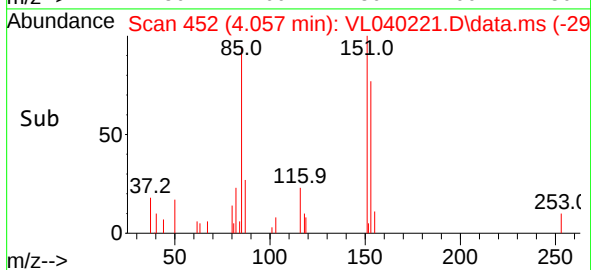
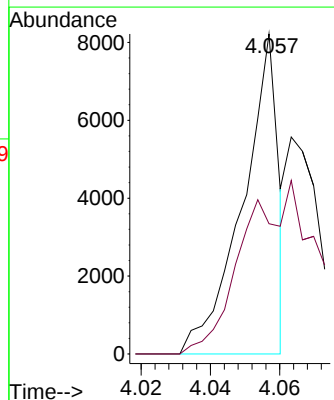
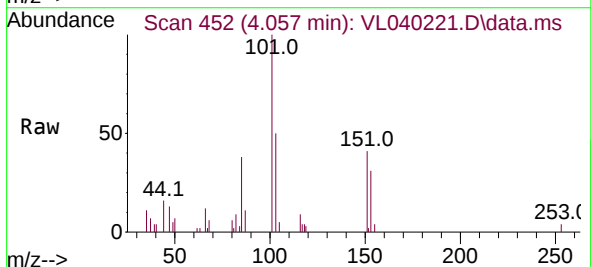
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2023

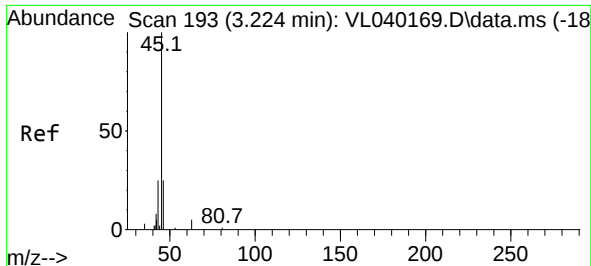
Tgt Ion:101 Resp: 15542
 Ion Ratio Lower Upper
 101 100
 103 44.2 51.0 76.6#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.059 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.003 min
 Lab File: VL040221.D
 Acq: 23 Feb 2023 13:49

Tgt Ion:101 Resp: 5877
 Ion Ratio Lower Upper
 101 100
 151 0.0 54.7 82.1#

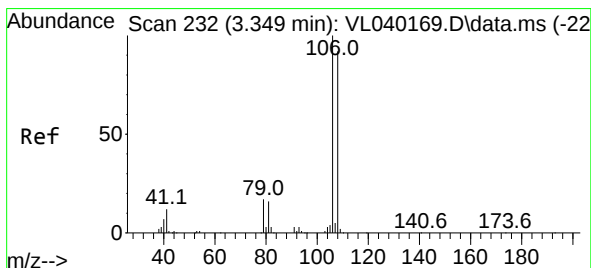
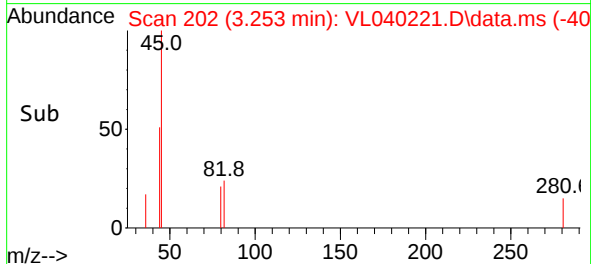
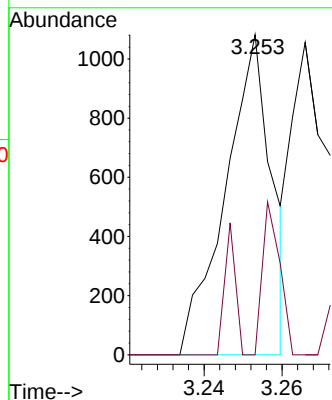
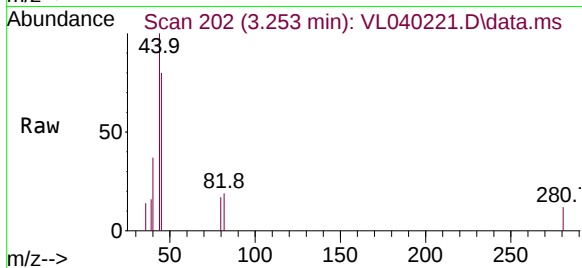




#13
Ethanol
Concen: 0.245 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

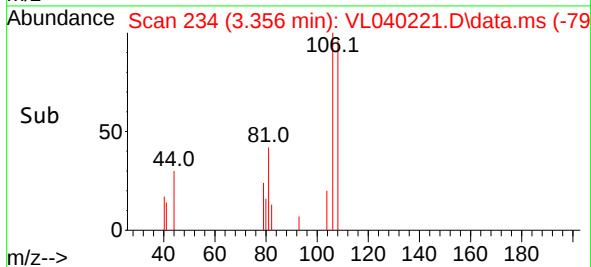
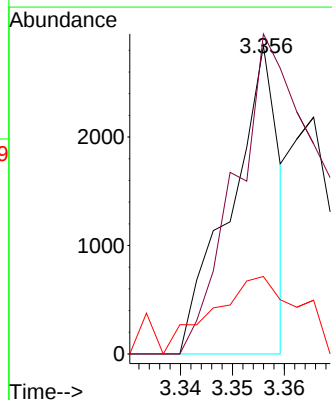
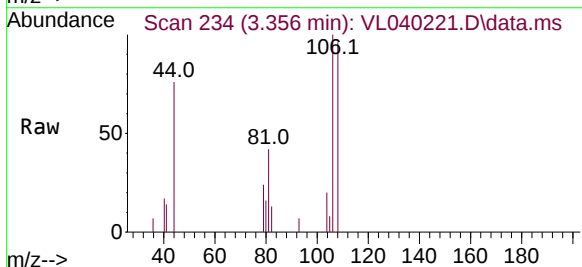
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

Tgt Ion: 45 Resp: 888
Ion Ratio Lower Upper
45 100
46 30.7 13.3 53.1



#14
Bromoethene
Concen: 0.048 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.003 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 108 Resp: 1841
Ion Ratio Lower Upper
108 100
106 206.9 87.1 130.7#
79 50.7 15.4 23.2#





#15

Acetone

Concen: 0.176 ppbv

RT: 3.488 min Scan# 21

Delta R.T. 0.029 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

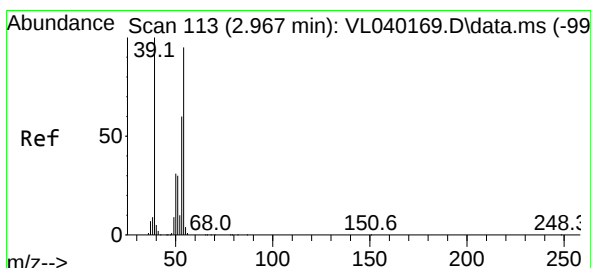
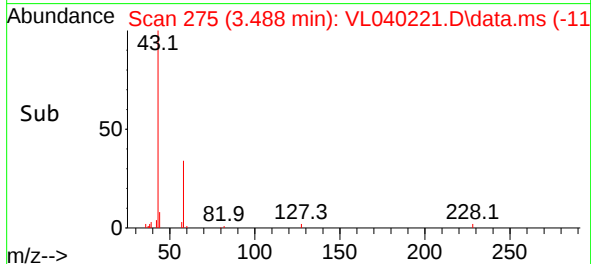
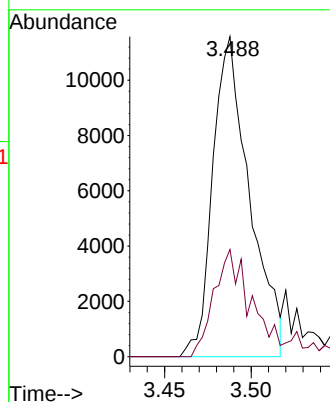
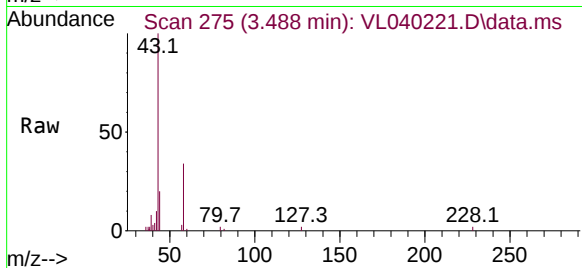
MDL-AIR-03-QT1-2023

Tgt Ion: 43 Resp: 17145

Ion Ratio Lower Upper

43 100

58 39.1 22.4 33.6#



#16

1,3-Butadiene

Concen: 0.040 ppbv

RT: 2.980 min Scan# 117

Delta R.T. 0.003 min

Lab File: VL040221.D

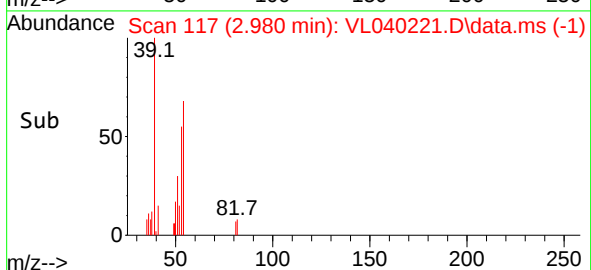
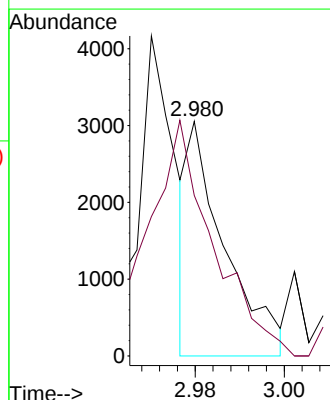
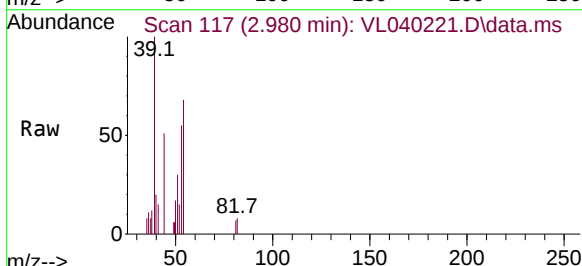
Acq: 23 Feb 2023 13:49

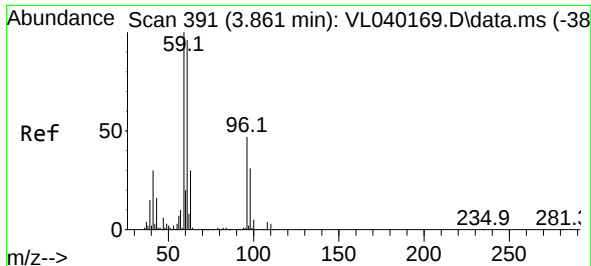
Tgt Ion: 39 Resp: 1764

Ion Ratio Lower Upper

39 100

54 189.5 66.7 100.1#





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.864 min Scan# 391

Delta R.T. -0.006 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

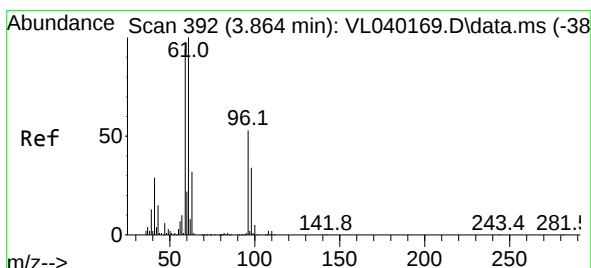
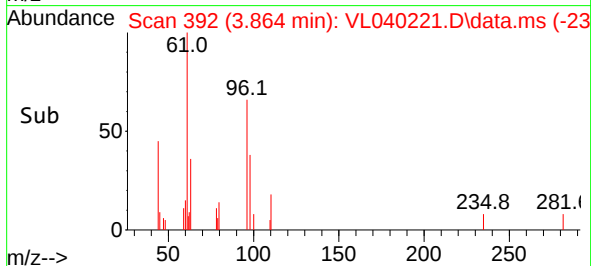
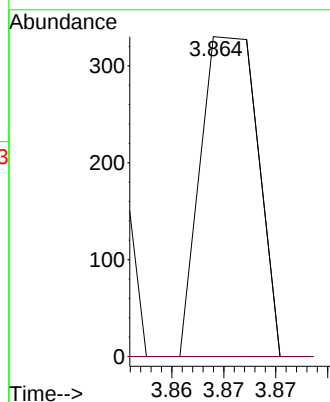
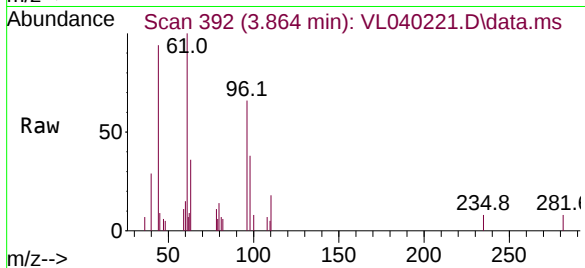
MDL-AIR-03-QT1-2023

Tgt Ion: 59 Resp: 127

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.062 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.003 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

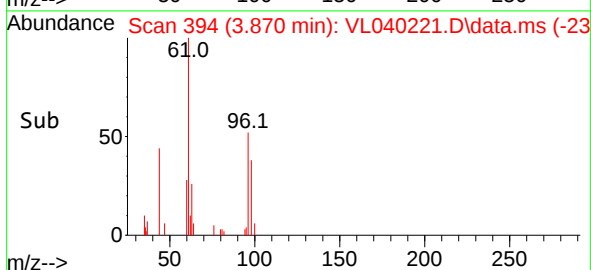
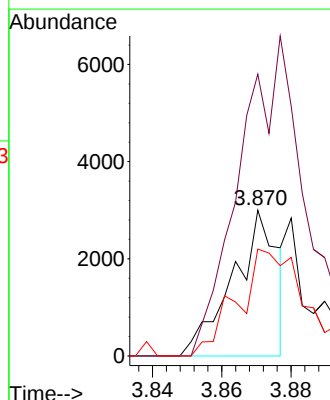
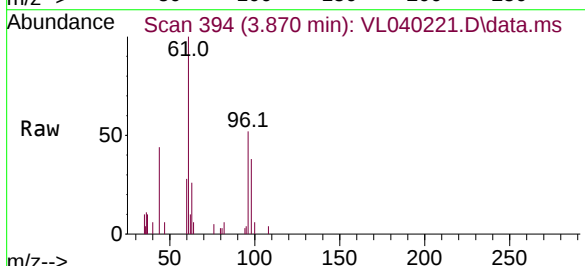
Tgt Ion: 96 Resp: 2686

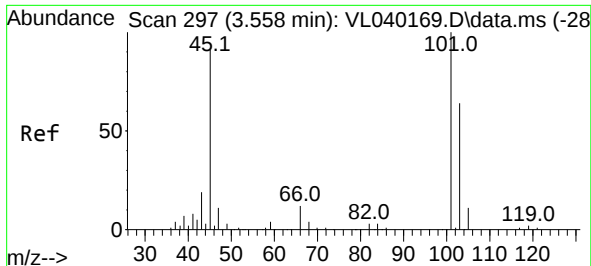
Ion Ratio Lower Upper

96 100

61 193.4 149.6 224.4

98 73.3 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.043 ppbv

RT: 3.591 min Scan# 307

Delta R.T. 0.023 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

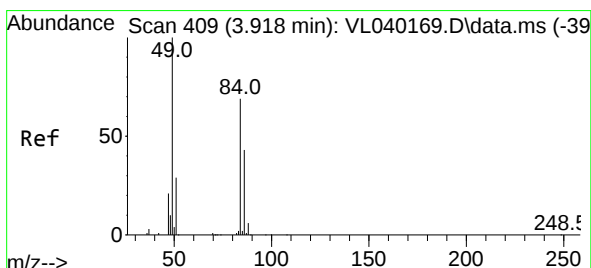
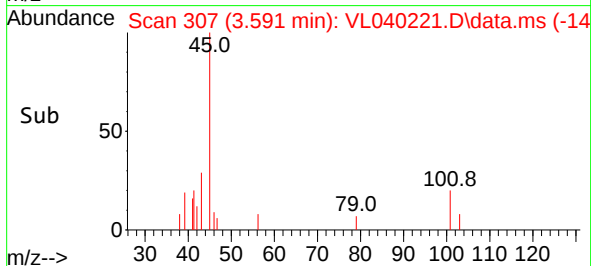
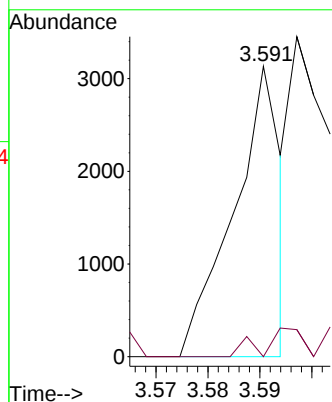
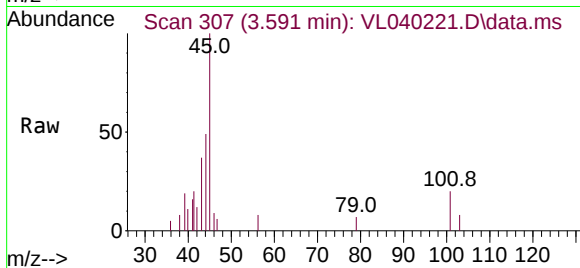
MDL-AIR-03-QT1-2023

Tgt Ion: 45 Resp: 1974

Ion Ratio Lower Upper

45 100

58 0.0 2.6 3.8#



#20

Methylene Chloride

Concen: 0.268 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.003 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Tgt Ion: 84 Resp: 13592

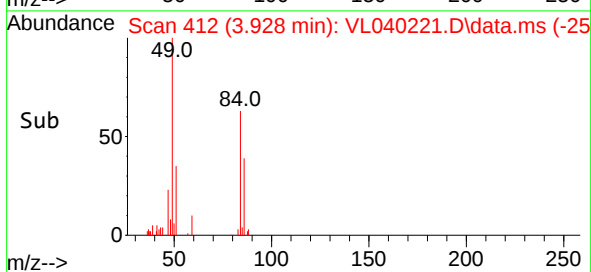
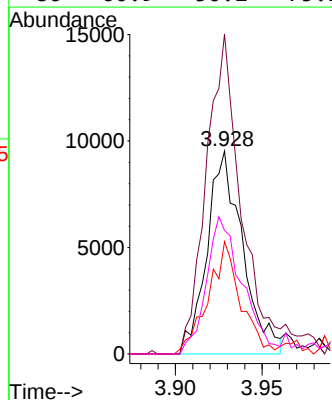
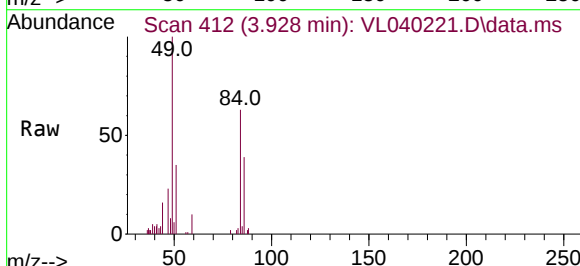
Ion Ratio Lower Upper

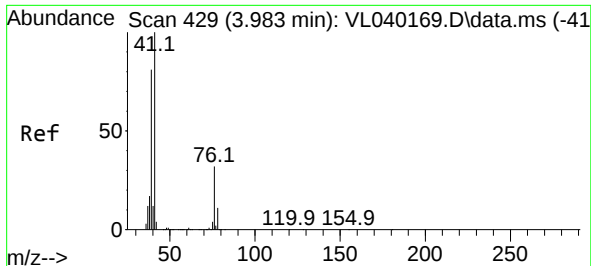
84 100

49 157.7 115.5 173.3

51 53.1 33.1 49.7#

86 60.9 50.2 75.2





#21

Allyl Chloride

Concen: 0.076 ppbv

RT: 3.989 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

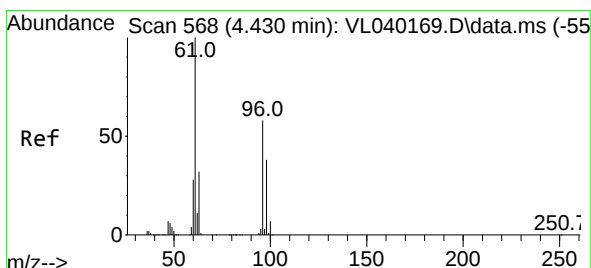
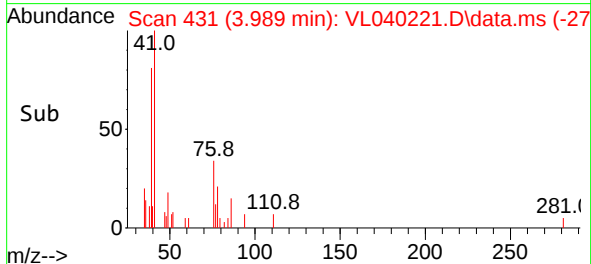
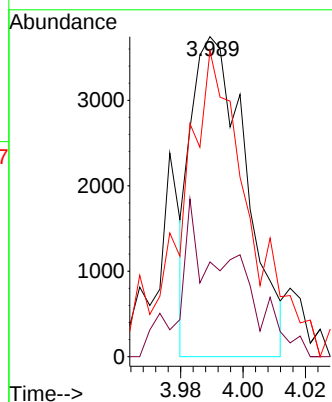
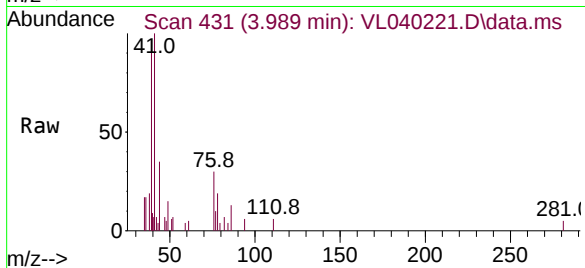
Tgt Ion: 41 Resp: 4566

Ion Ratio Lower Upper

41 100

76 47.5 25.5 38.3#

39 127.9 64.5 96.7#



#22

trans-1,2-Dichloroethene

Concen: 0.040 ppbv

RT: 4.436 min Scan# 570

Delta R.T. -0.003 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

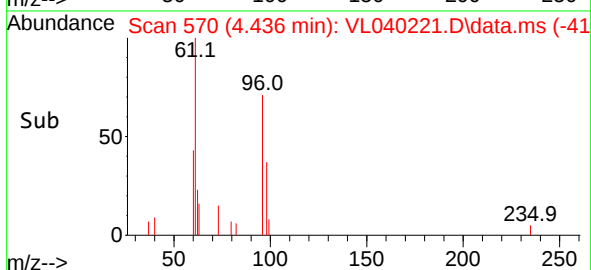
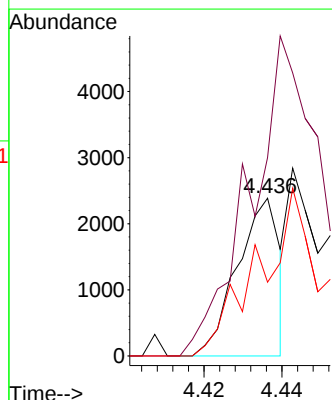
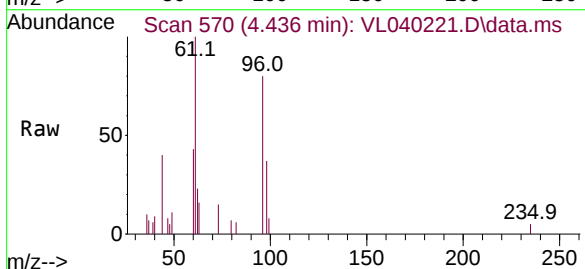
Tgt Ion: 96 Resp: 1802

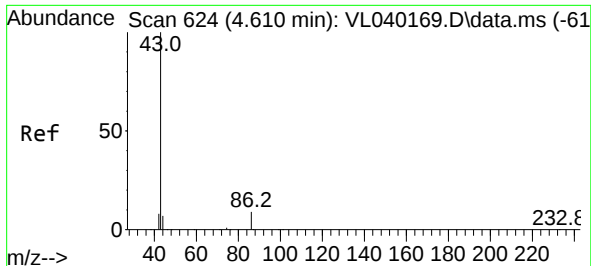
Ion Ratio Lower Upper

96 100

61 125.8 137.5 206.3#

98 46.8 52.8 79.2#

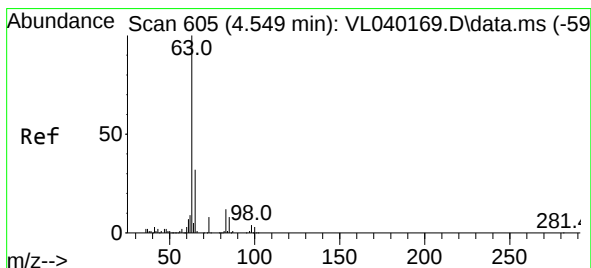
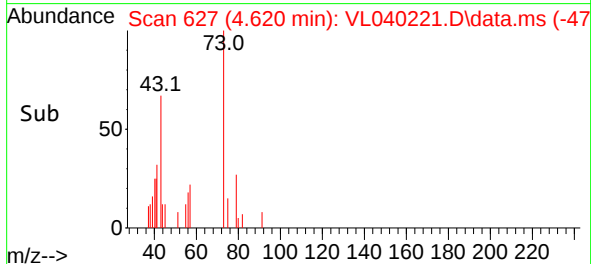
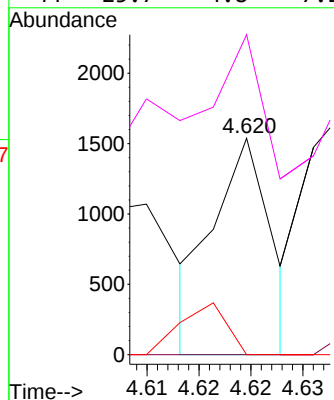
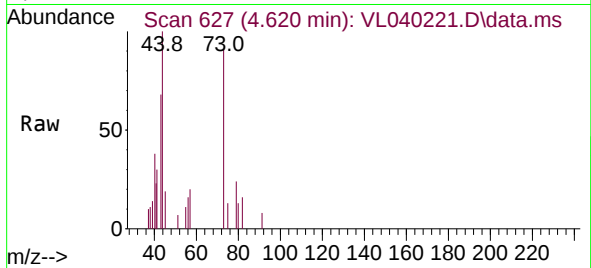




#23
 Vinyl Acetate
 Concen: 0.020 ppbv
 RT: 4.620 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040221.D
 Acq: 23 Feb 2023 13:49

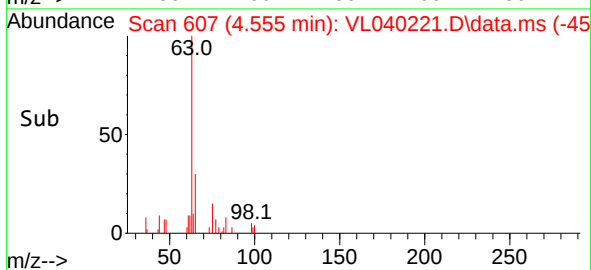
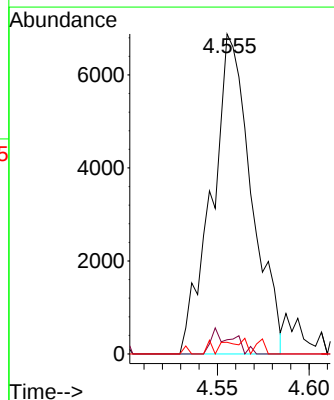
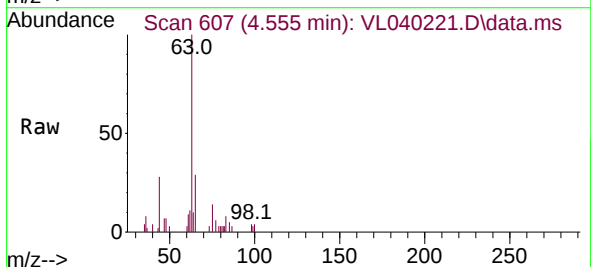
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2023

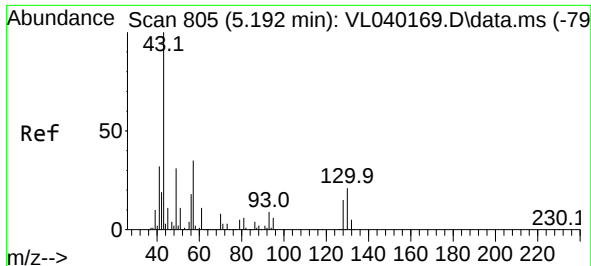
Tgt Ion:	43	Resp:	590
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.6	8.4#
42	0.0	7.6	11.4#
44	25.7	4.8	7.2#



#24
 1,1-Dichloroethane
 Concen: 0.112 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.003 min
 Lab File: VL040221.D
 Acq: 23 Feb 2023 13:49

Tgt Ion:	63	Resp:	10322
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.3	6.8
100	3.7	1.4	4.0





#25

Ethyl Acetate

Concen: 0.052 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.010 min

Lab File: VL040221.D

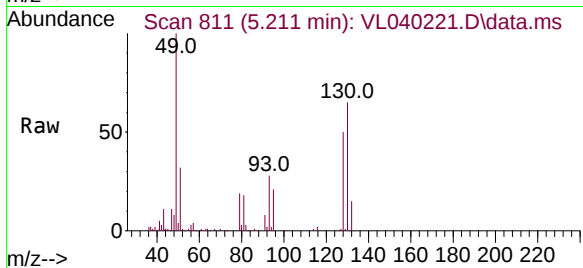
Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023



Tgt Ion: 43 Resp: 9497

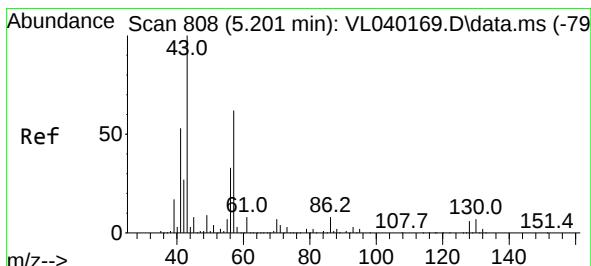
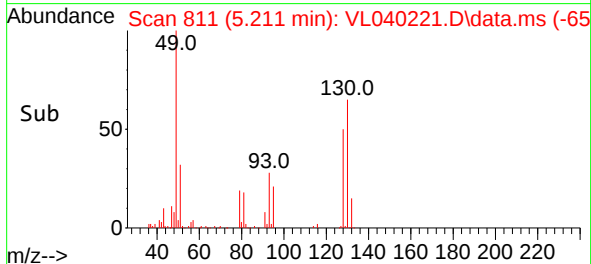
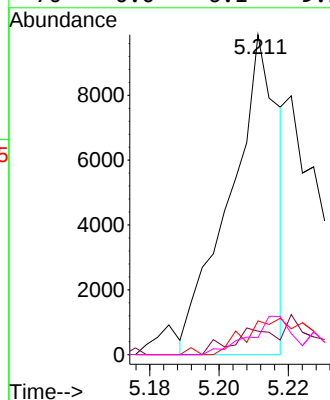
Ion Ratio Lower Upper

43 100

45 0.0 8.3 12.5#

61 0.0 8.4 12.6#

70 0.0 6.1 9.1#



#26

Hexane

Concen: 0.064 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.003 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Tgt Ion: 57 Resp: 4945

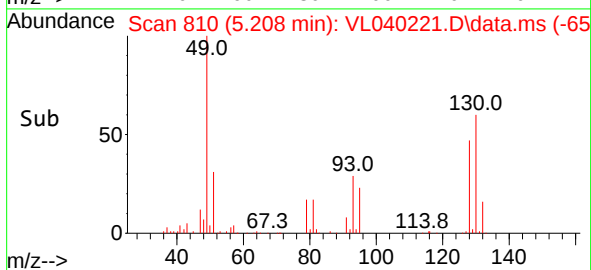
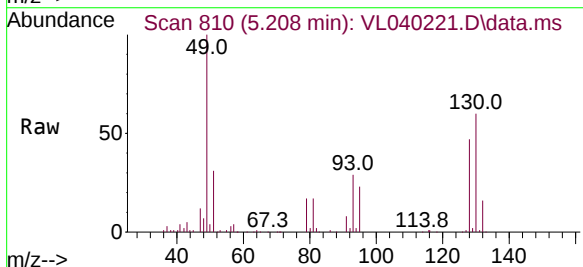
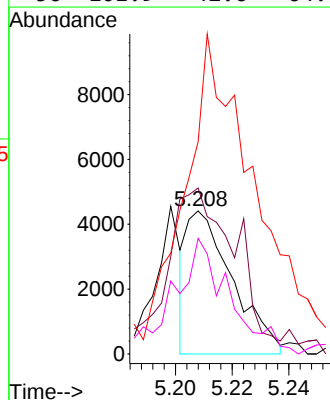
Ion Ratio Lower Upper

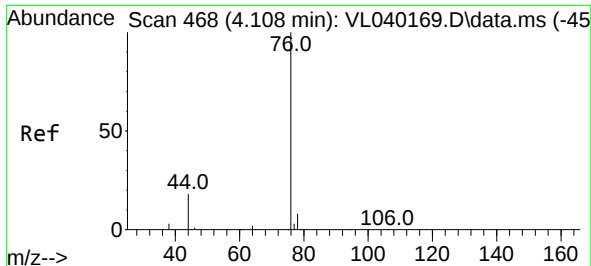
57 100

41 185.1 74.3 111.5#

43 384.3 193.0 289.4#

56 101.9 42.6 64.0#





#27

Carbon Disulfide

Concen: 0.081 ppbv

RT: 4.124 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

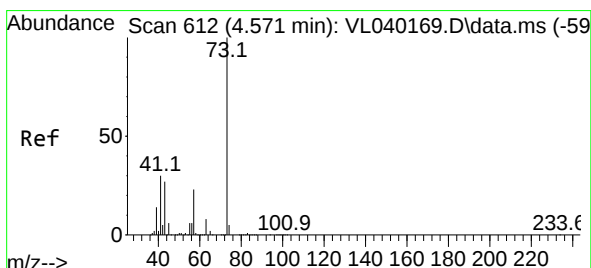
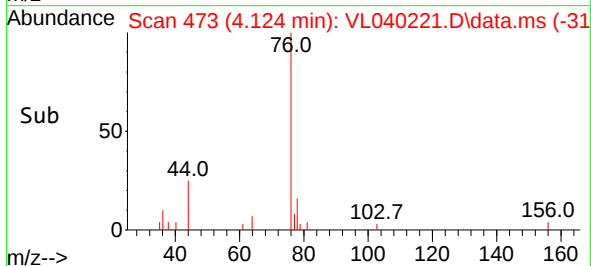
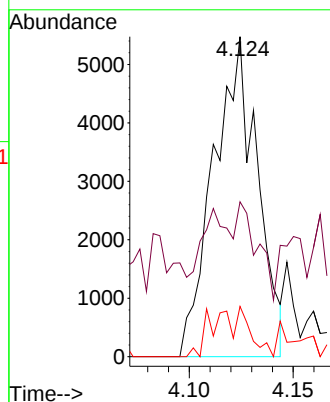
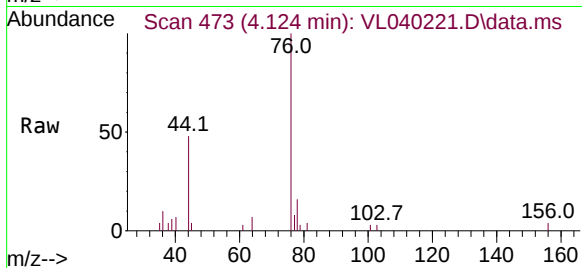
Tgt Ion: 76 Resp: 8002

Ion Ratio Lower Upper

76 100

44 45.6 15.3 22.9#

78 19.5 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.023 ppbv

RT: 4.591 min Scan# 618

Delta R.T. 0.010 min

Lab File: VL040221.D

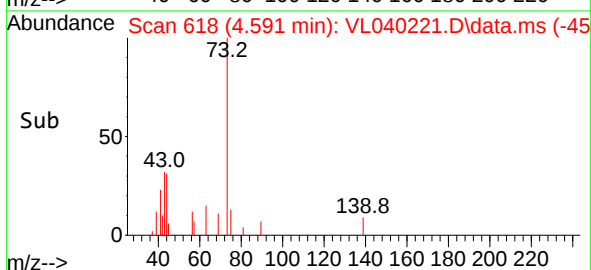
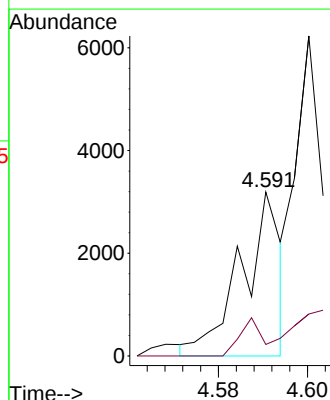
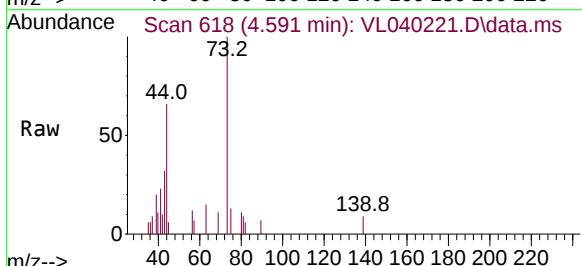
Acq: 23 Feb 2023 13:49

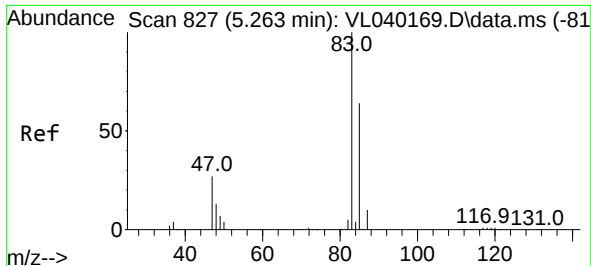
Tgt Ion: 73 Resp: 1942

Ion Ratio Lower Upper

73 100

57 0.0 18.8 28.2#





#29

Chloroform

Concen: 0.001 ppbv

RT: 5.324 min Scan# 84

Delta R.T. 0.052 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_1

ClientSampleId :

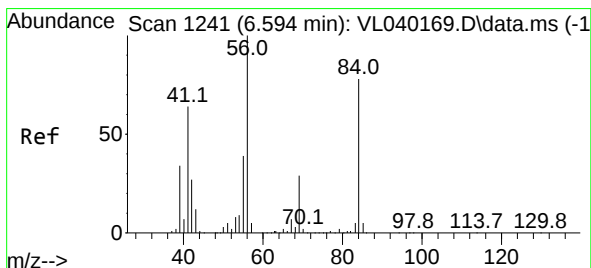
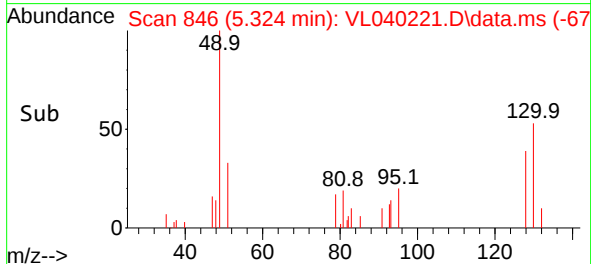
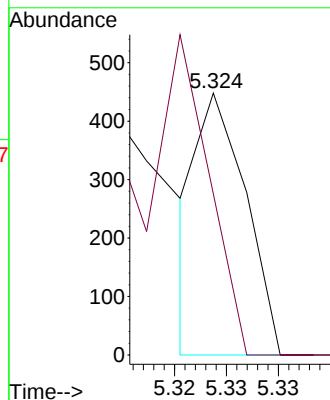
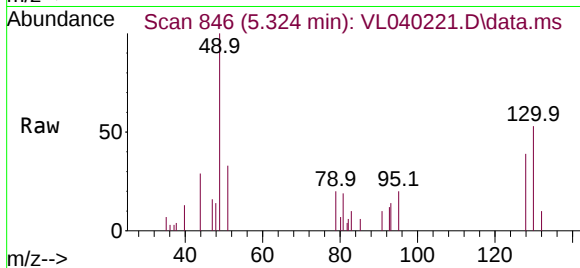
MDL-AIR-03-QT1-2023

Tgt Ion: 83 Resp: 140

Ion Ratio Lower Upper

83 100

85 61.6 51.5 77.3



#30

Cyclohexane

Concen: 0.021 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

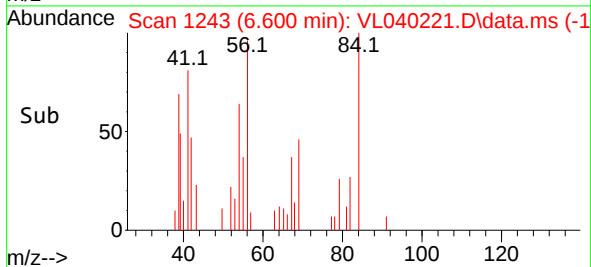
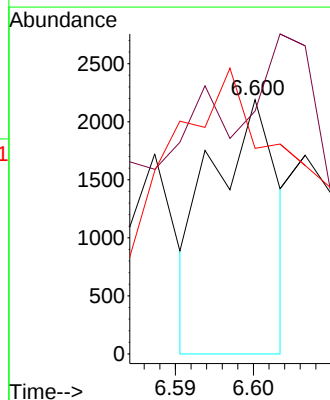
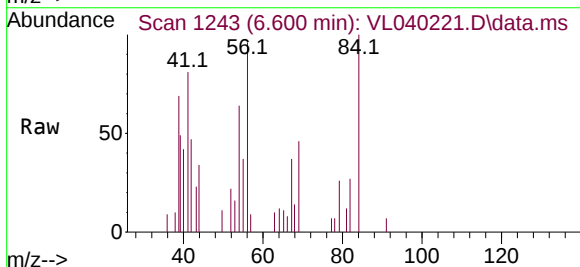
Tgt Ion: 84 Resp: 1307

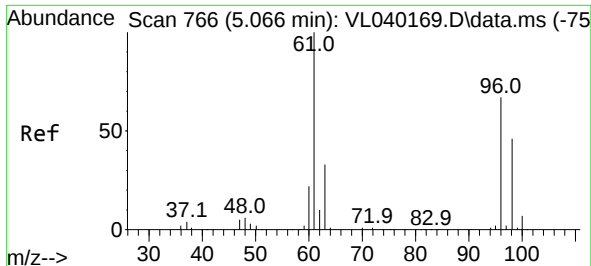
Ion Ratio Lower Upper

84 100

56 0.0 109.9 164.9#

41 365.3 67.8 101.6#

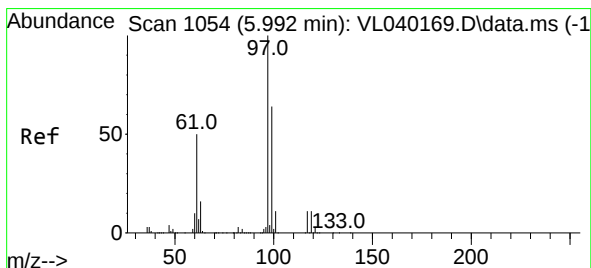
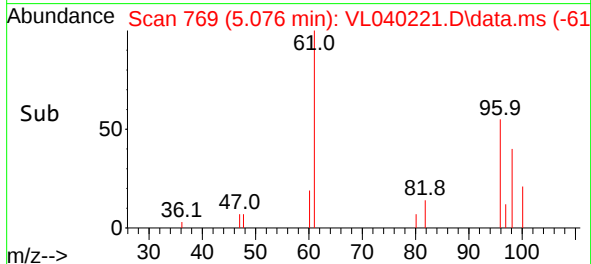
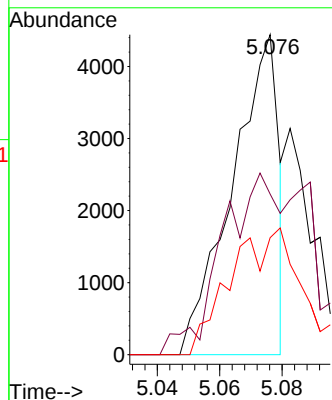
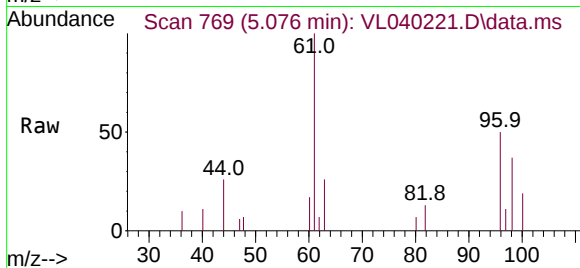




#31
 cis-1,2-Dichloroethene
 Concen: 0.062 ppbv
 RT: 5.076 min Scan# 766
 Delta R.T. 0.000 min
 Lab File: VL040221.D
 Acq: 23 Feb 2023 13:49

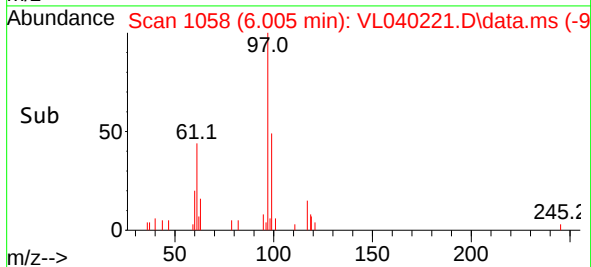
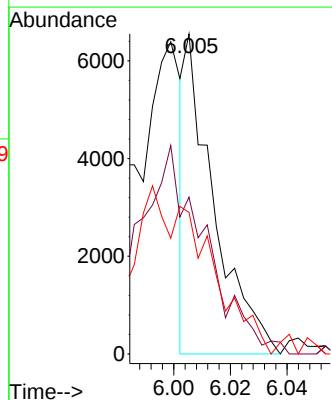
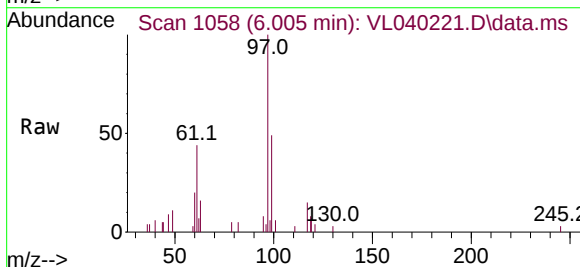
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL-AIR-03-QT1-2023

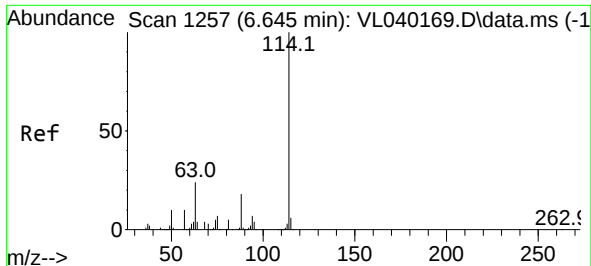
Tgt Ion: 61 Resp: 4599
 Ion Ratio Lower Upper
 61 100
 96 43.8 53.7 80.5#
 98 36.6 36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 0.037 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.003 min
 Lab File: VL040221.D
 Acq: 23 Feb 2023 13:49

Tgt Ion: 97 Resp: 4612
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.5 77.3#
 61 0.0 40.6 60.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

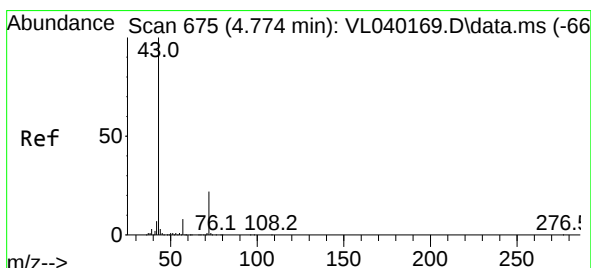
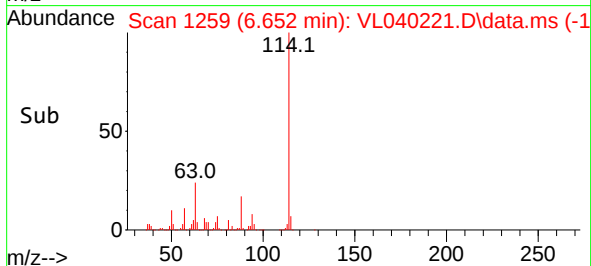
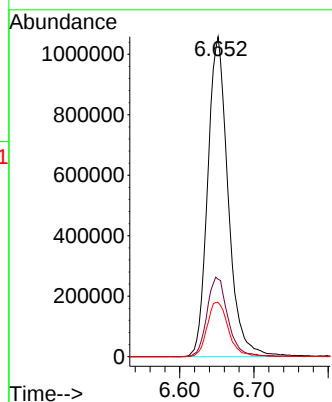
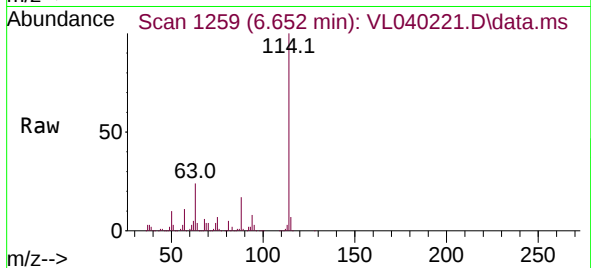
Tgt Ion:114 Resp: 2015865

Ion Ratio Lower Upper

114 100

63 25.6 20.4 30.6

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 0.003 ppbv

RT: 4.764 min Scan# 672

Delta R.T. -0.016 min

Lab File: VL040221.D

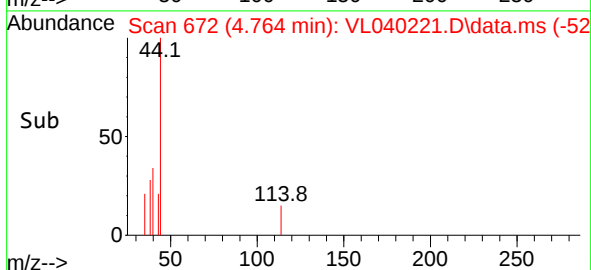
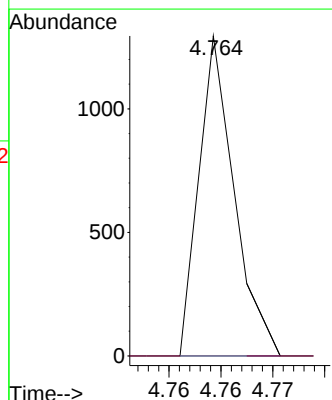
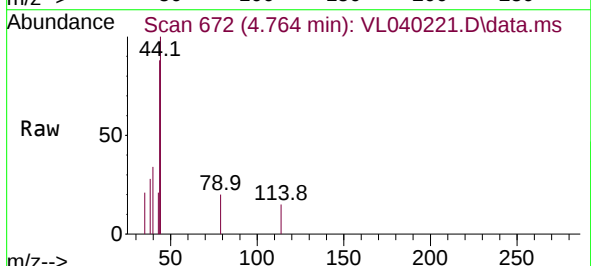
Acq: 23 Feb 2023 13:49

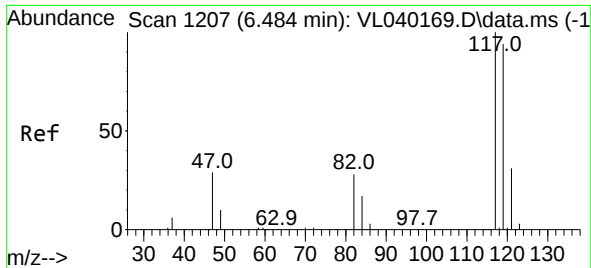
Tgt Ion: 43 Resp: 306

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.8#

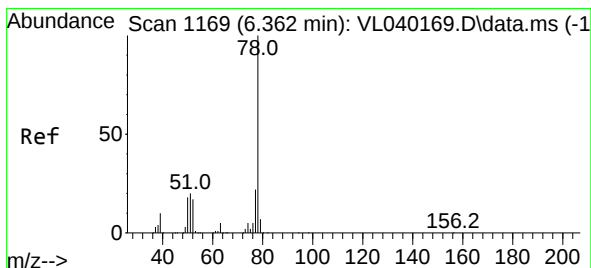
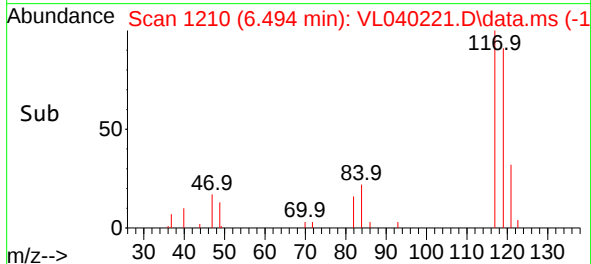
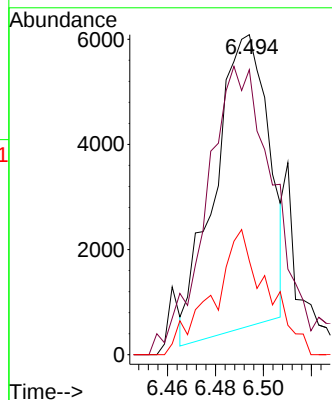
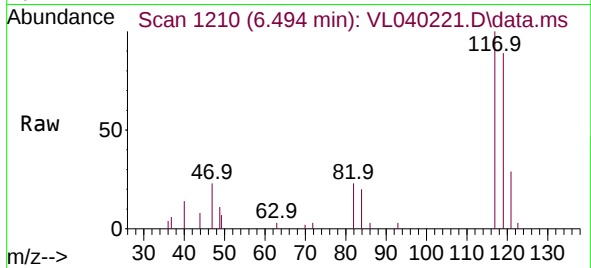




#35
Carbon Tetrachloride
Concen: 0.074 ppbv
RT: 6.494 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

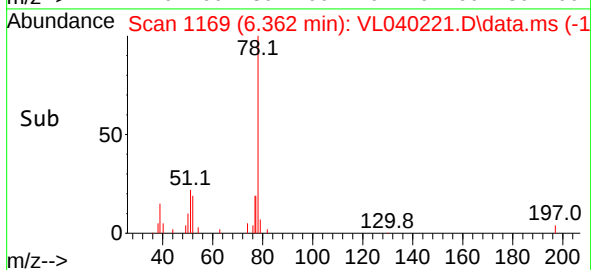
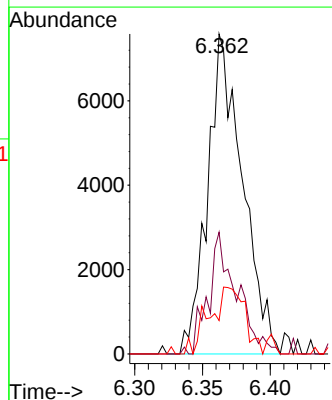
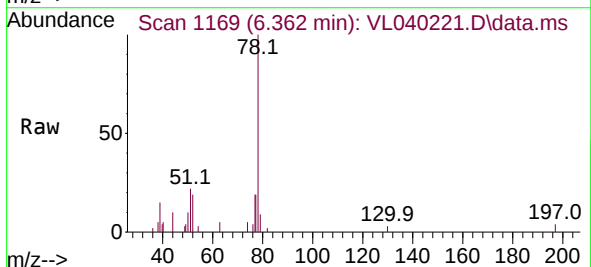
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

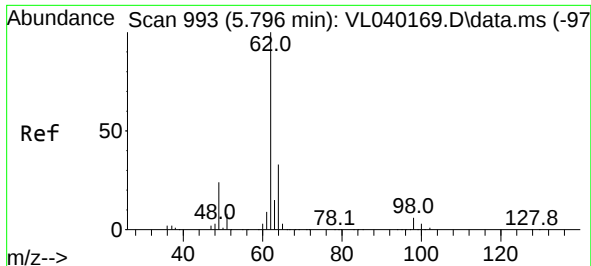
Tgt Ion:117 Resp: 8765
Ion Ratio Lower Upper
117 100
119 79.2 75.0 112.6
121 21.3 25.0 37.4#



#36
Benzene
Concen: 0.086 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.009 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 78 Resp: 13529
Ion Ratio Lower Upper
78 100
77 38.0 17.5 26.3#
50 10.5 14.6 22.0#





#37

1,2-Dichloroethane

Concen: 0.045 ppbv

RT: 5.800 min Scan# 993

Delta R.T. -0.006 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

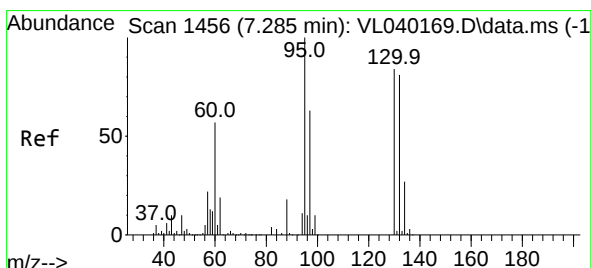
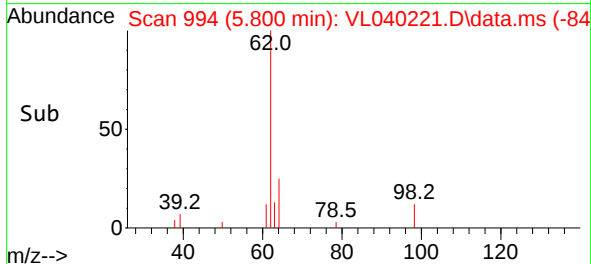
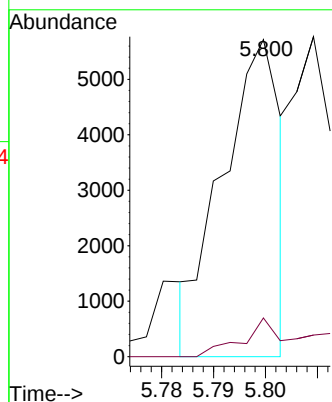
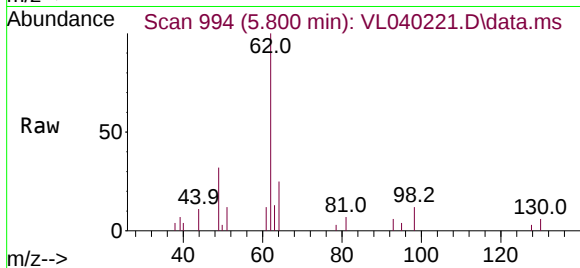
MDL-AIR-03-QT1-2023

Tgt Ion: 62 Resp: 4449

Ion Ratio Lower Upper

62 100

98 16.6 4.7 7.1#



#38

Trichloroethene

Concen: 0.019 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Tgt Ion:130 Resp: 1656

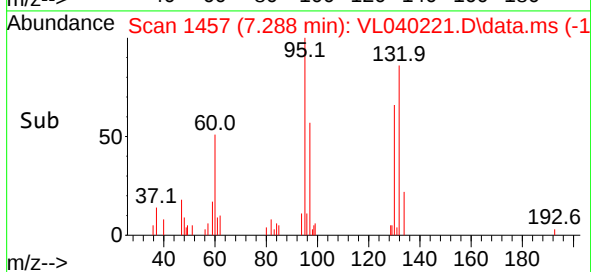
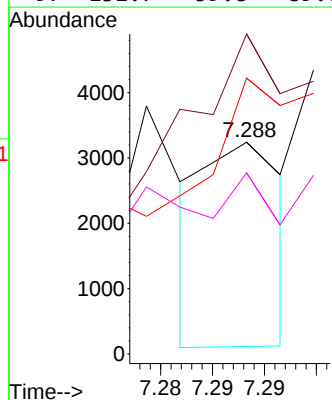
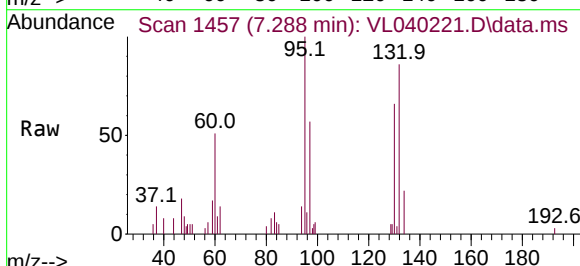
Ion Ratio Lower Upper

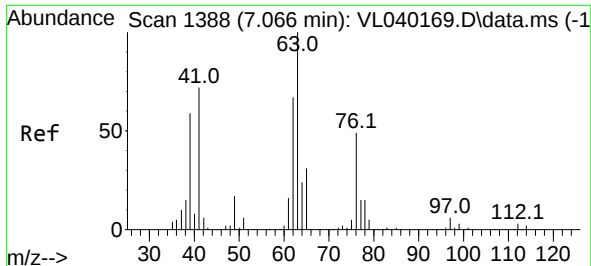
130 100

95 190.6 94.7 142.1#

132 298.0 76.4 114.6#

97 131.7 59.8 89.6#





#39

1,2-Dichloropropane

Concen: 8.339 ppbv

RT: 6.648 min Scan# 1

Delta R.T. -0.427 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

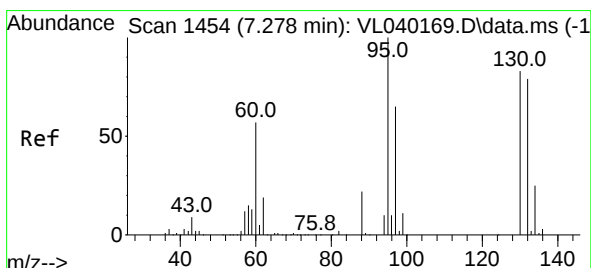
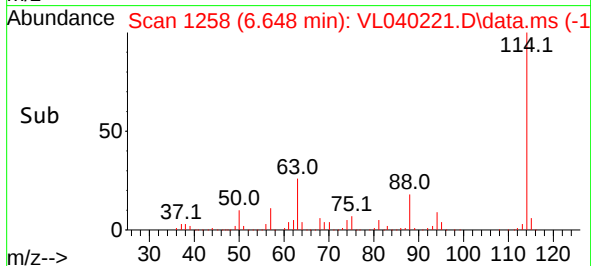
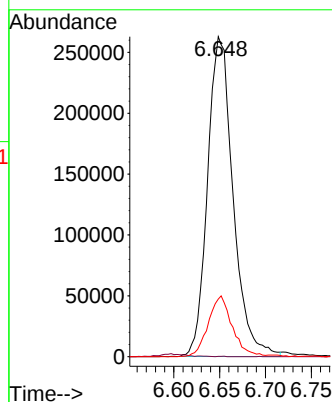
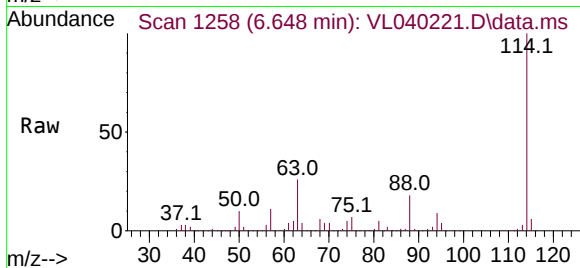
Tgt Ion: 63 Resp: 508901

Ion Ratio Lower Upper

63 100

41 0.2 57.6 86.4#

62 17.9 54.0 81.0#



#40

1,4-Dioxane

Concen: 0.019 ppbv

RT: 7.333 min Scan# 1471

Delta R.T. 0.045 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Tgt Ion: 88 Resp: 467

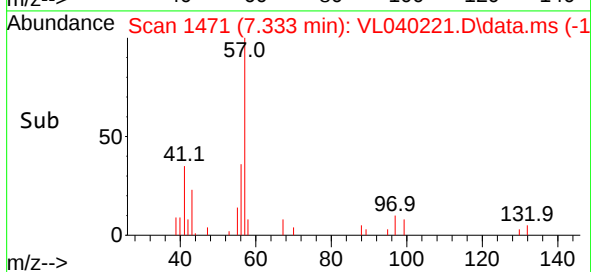
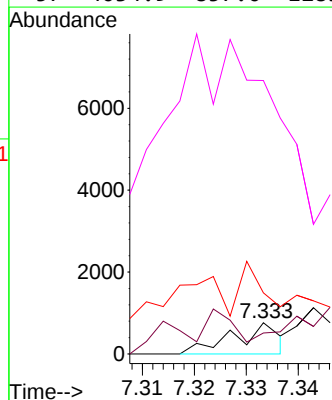
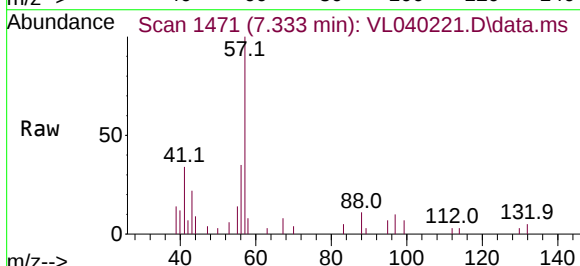
Ion Ratio Lower Upper

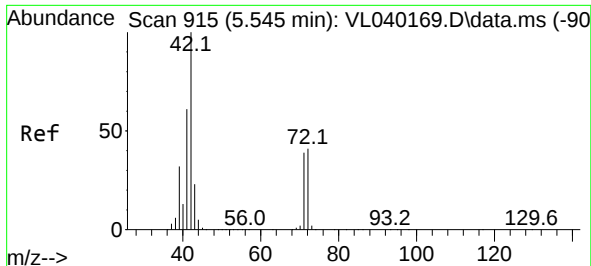
88 100

58 0.0 97.4 146.0#

43 1090.8 193.5 290.3#

57 4034.9 857.0 1285.6#





#41

Tetrahydrofuran

Concen: 0.004 ppbv

RT: 5.565 min Scan# 915

Delta R.T. 0.010 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

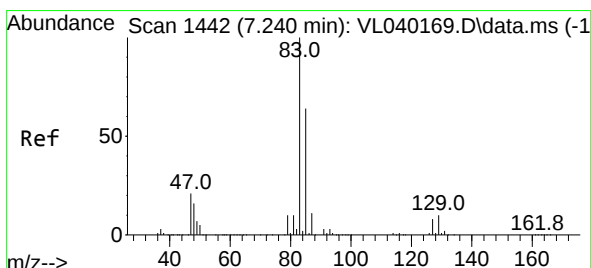
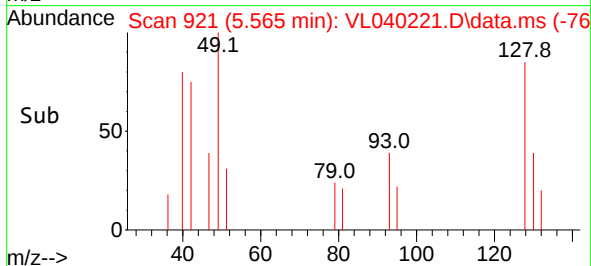
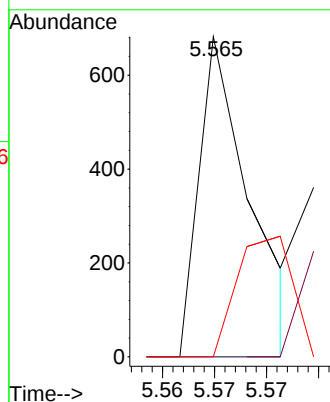
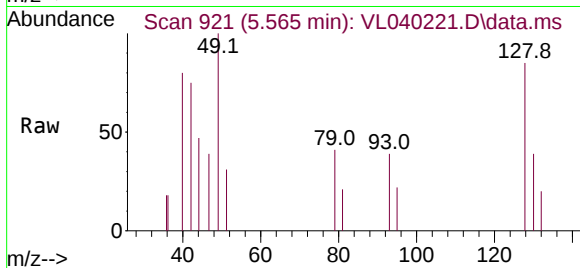
Tgt Ion: 42 Resp: 233

Ion Ratio Lower Upper

42 100

72 0.0 33.0 49.4#

71 0.0 31.4 47.2#



#42

Bromodichloromethane

Concen: 0.032 ppbv

RT: 7.240 min Scan# 1442

Delta R.T. -0.013 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

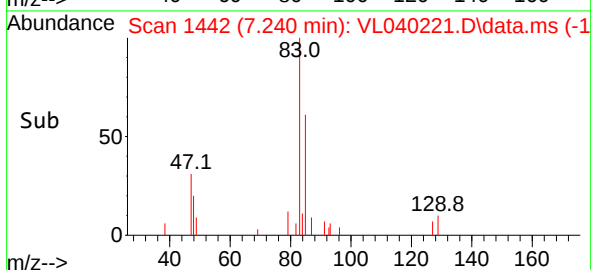
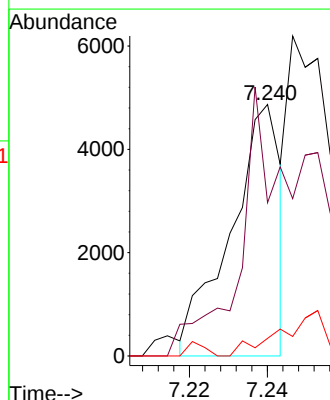
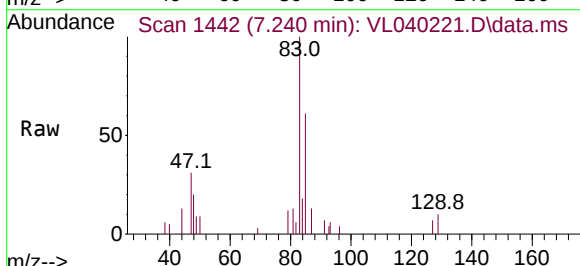
Tgt Ion: 83 Resp: 4337

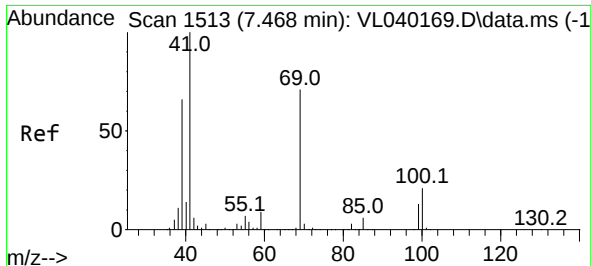
Ion Ratio Lower Upper

83 100

85 51.4 50.9 76.3

127 7.4 6.2 9.2





#43

Methyl Methacrylate

Concen: 0.013 ppbv

RT: 7.472 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

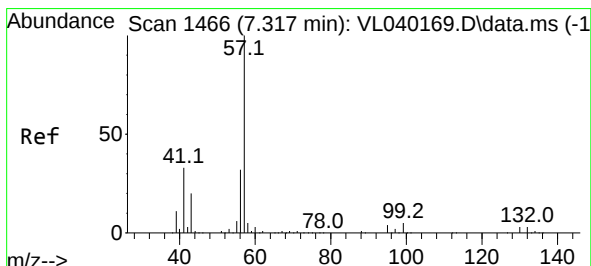
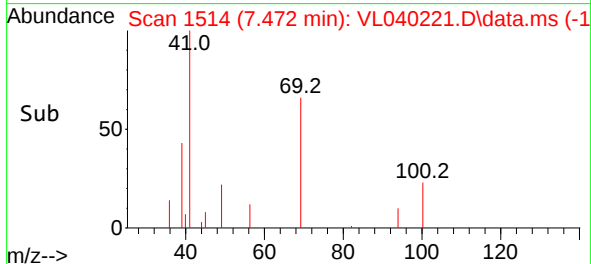
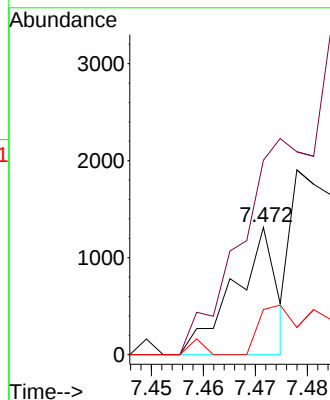
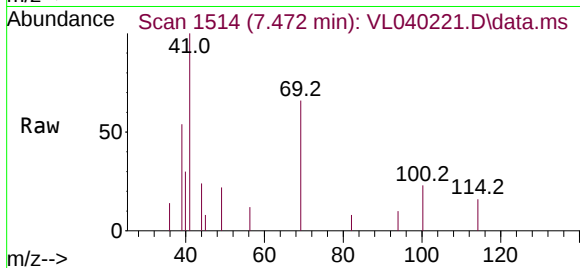
Tgt Ion: 69 Resp: 738

Ion Ratio Lower Upper

69 100

41 0.0 116.6 174.8#

100 0.0 25.6 38.4#



#44

2,2,4-Trimethylpentane

Concen: 0.033 ppbv

RT: 7.327 min Scan# 1469

Delta R.T. -0.003 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

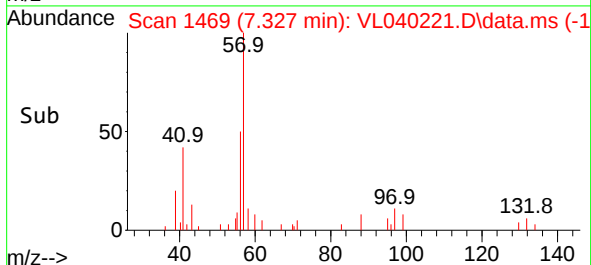
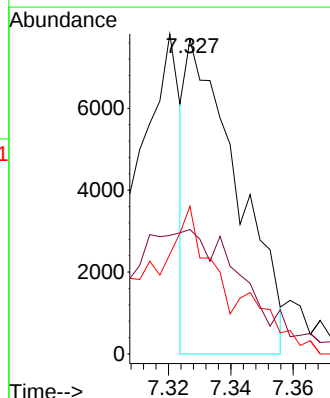
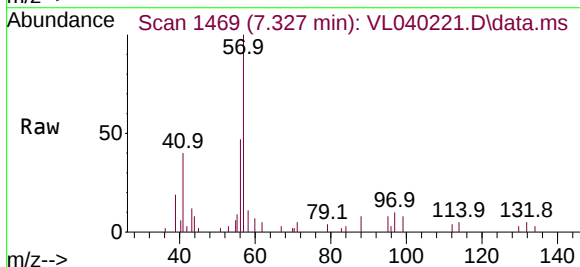
Tgt Ion: 57 Resp: 8768

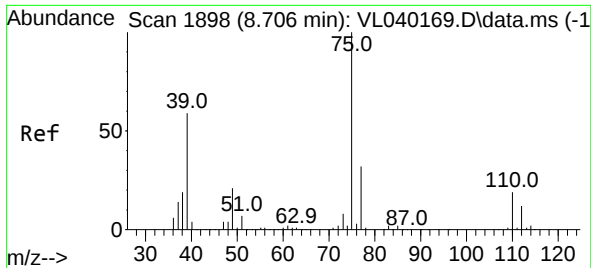
Ion Ratio Lower Upper

57 100

41 94.8 26.2 39.4#

56 78.3 24.9 37.3#

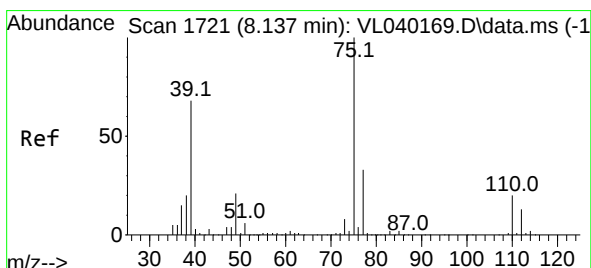
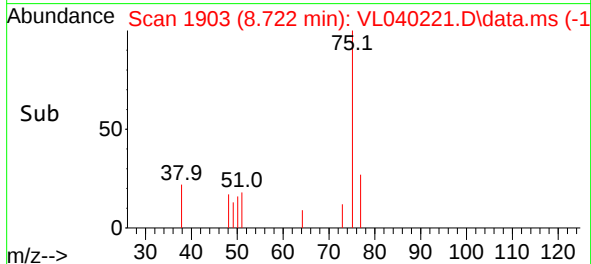
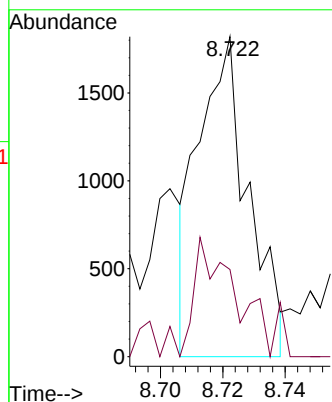
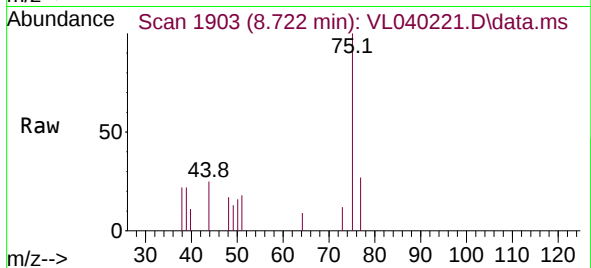




#45
 t-1,3-Dichloropropene
 Concen: 0.039 ppbv
 RT: 8.722 min Scan# 1903
 Delta R.T. 0.007 min
 Lab File: VL040221.D
 Acq: 23 Feb 2023 13:49

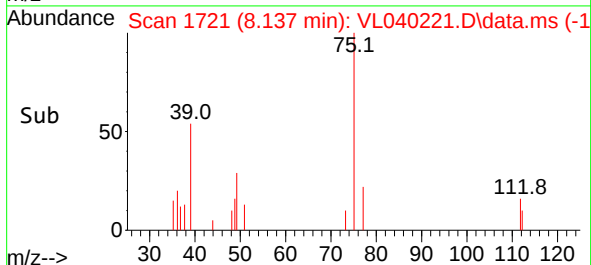
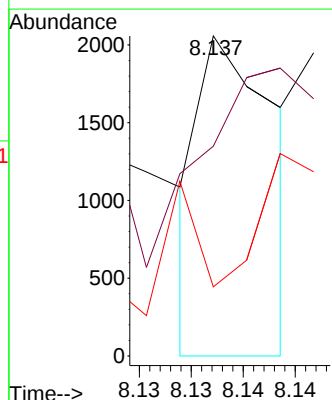
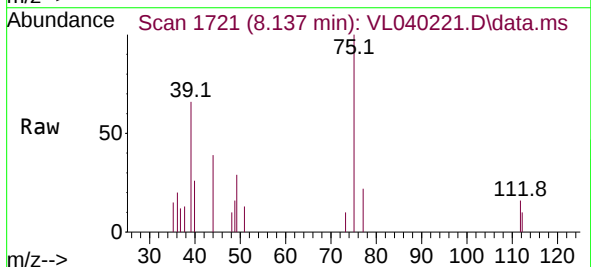
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2023

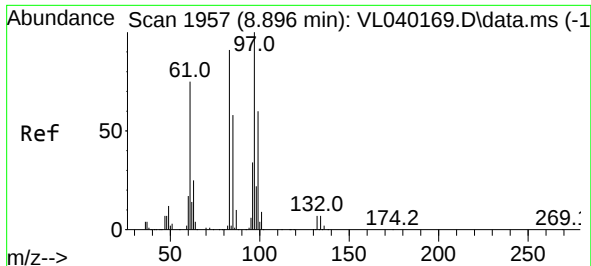
Tgt Ion: 75 Resp: 2022
 Ion Ratio Lower Upper
 75 100
 77 27.3 25.7 38.5



#46
 cis-1,3-Dichloropropene
 Concen: 0.014 ppbv
 RT: 8.137 min Scan# 1721
 Delta R.T. -0.009 min
 Lab File: VL040221.D
 Acq: 23 Feb 2023 13:49

Tgt Ion: 75 Resp: 1040
 Ion Ratio Lower Upper
 75 100
 39 18.2 54.2 81.2#
 77 0.0 26.0 39.0#





#47

1,1,2-Trichloroethane

Concen: 0.040 ppbv

RT: 8.896 min Scan# 1957

Delta R.T. -0.009 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

Tgt Ion: 97 Resp: 2616

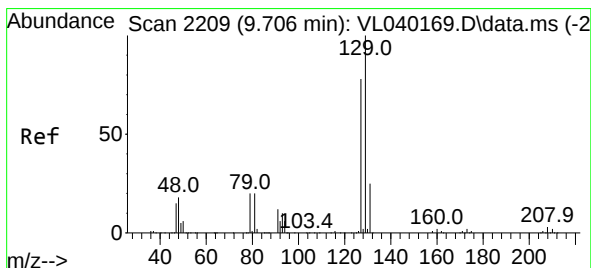
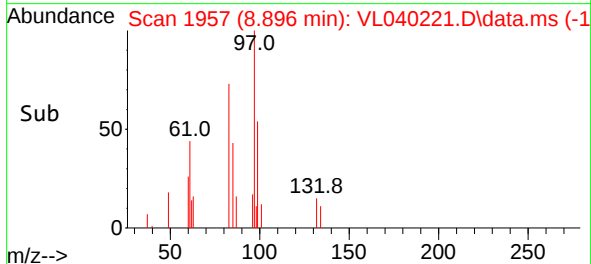
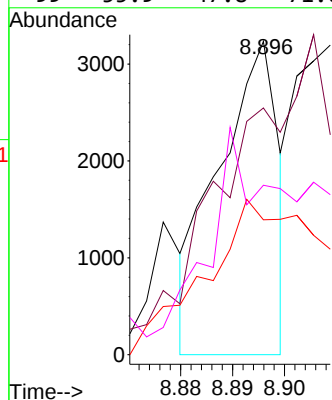
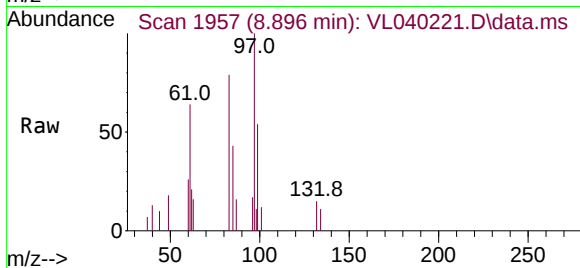
Ion Ratio Lower Upper

97 100

83 104.3 72.8 109.2

85 45.5 46.6 69.8#

99 55.9 47.8 71.6



#48

Dibromochloromethane

Concen: 0.024 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.013 min

Lab File: VL040221.D

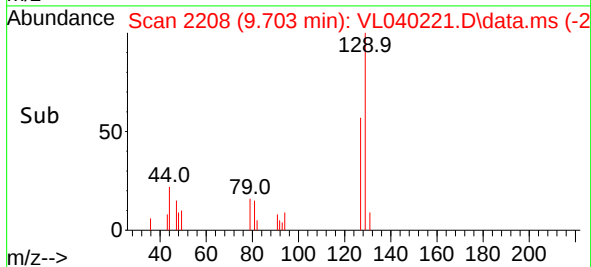
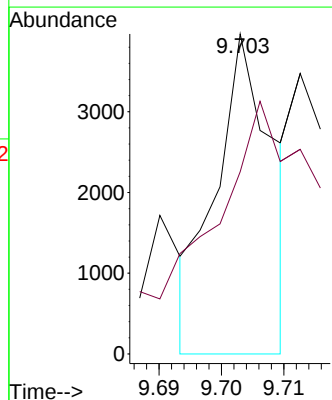
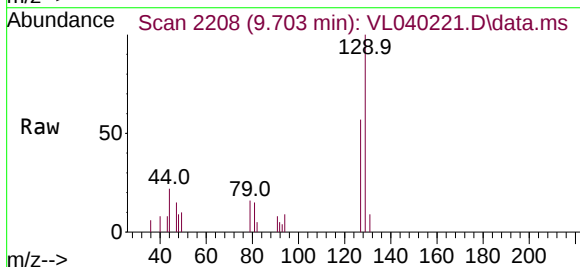
Acq: 23 Feb 2023 13:49

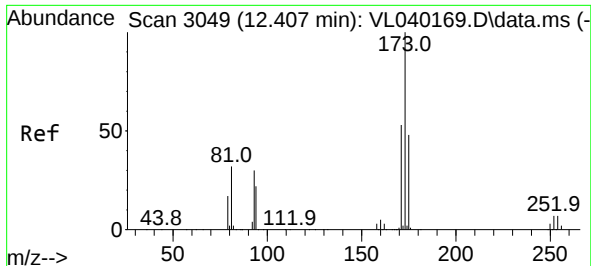
Tgt Ion: 129 Resp: 2497

Ion Ratio Lower Upper

129 100

127 241.7 39.1 117.2#

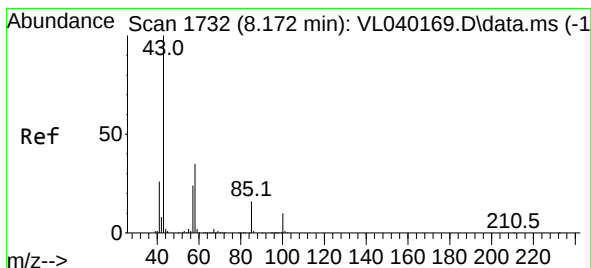
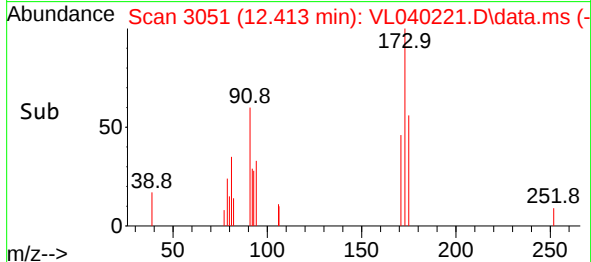
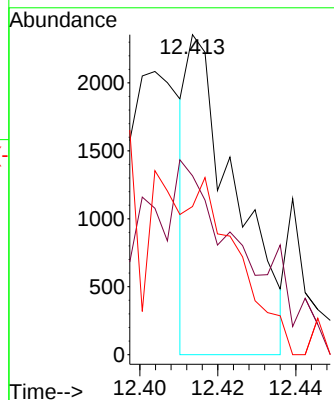
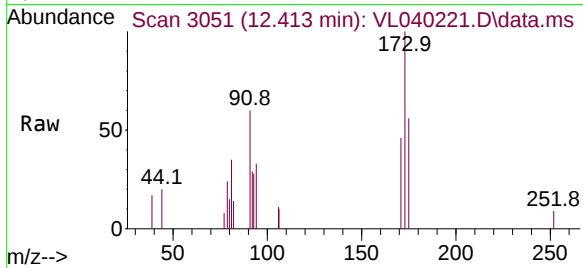




#49
Bromoform
Concen: 0.024 ppbv
RT: 12.413 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

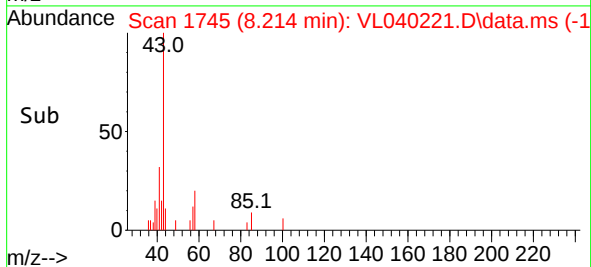
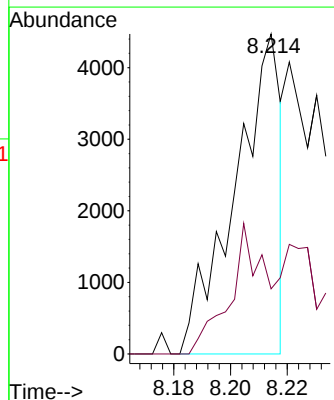
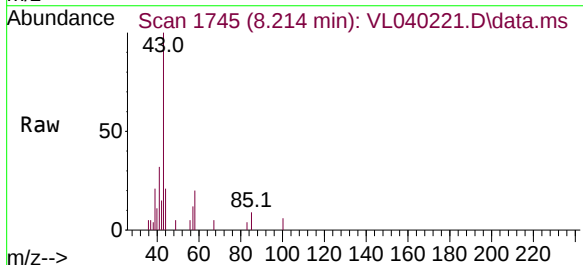
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

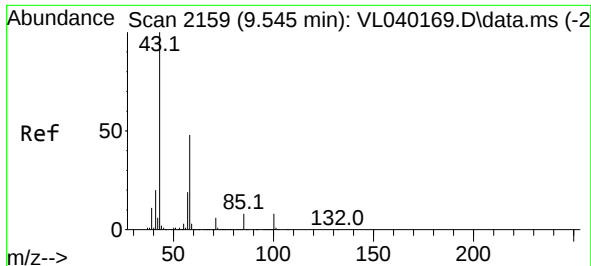
Tgt Ion:173 Resp: 2010
Ion Ratio Lower Upper
173 100
175 142.6 39.4 59.0#
171 0.0 41.8 62.6#



#50
4-Methyl-2-Pentanone
Concen: 0.032 ppbv
RT: 8.214 min Scan# 1745
Delta R.T. 0.032 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 43 Resp: 4977
Ion Ratio Lower Upper
43 100
58 72.5 29.2 43.8#

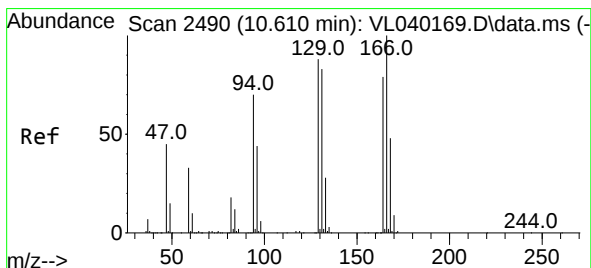
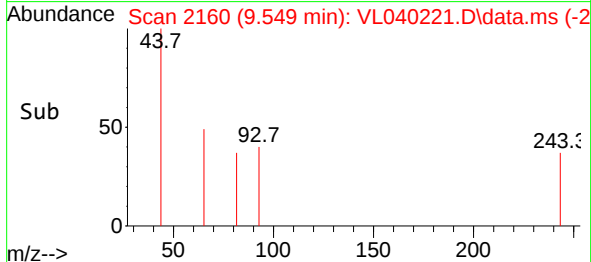
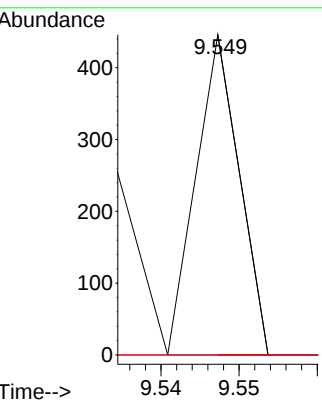
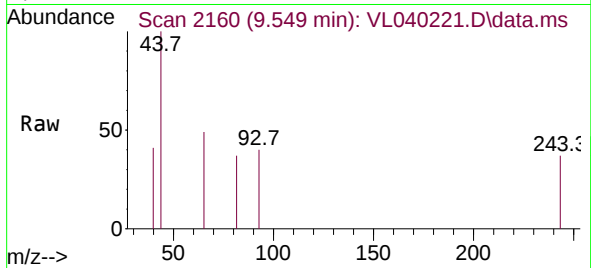




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.549 min Scan# 2159
Delta R.T. -0.006 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

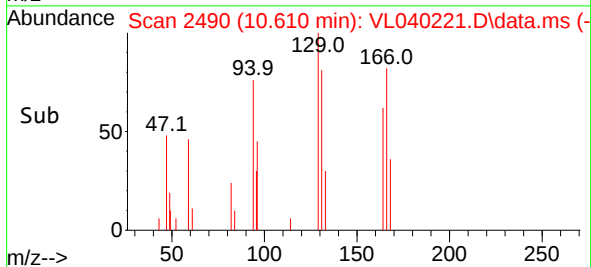
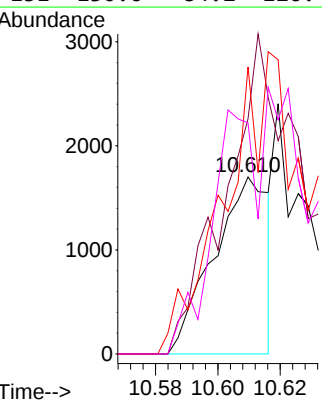
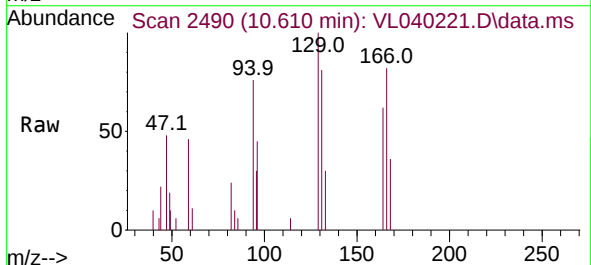
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

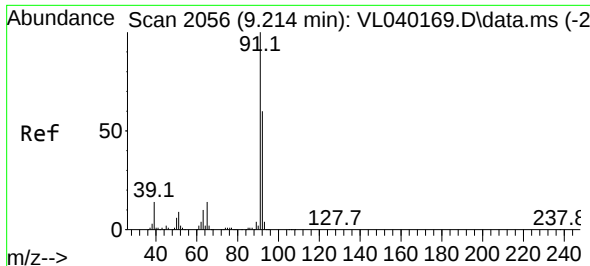
Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
58 0.0 39.1 58.7#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.042 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.009 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 164 Resp: 2063
Ion Ratio Lower Upper
164 100
166 132.9 101.5 152.3
129 150.4 89.0 133.4#
131 130.6 84.2 126.4#

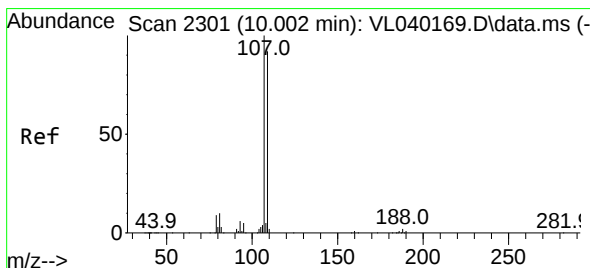
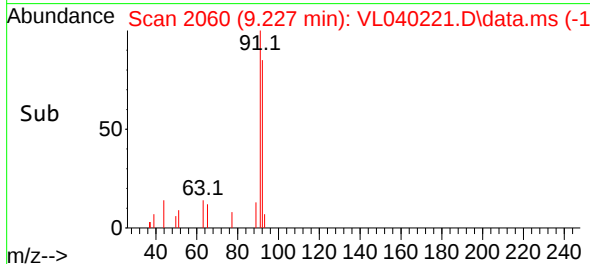
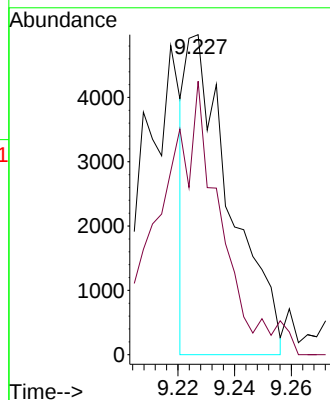
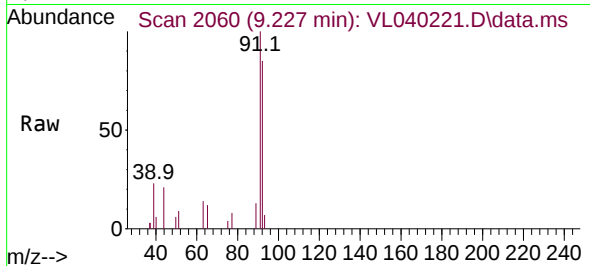




#53
Toluene
Concen: 0.032 ppbv
RT: 9.227 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

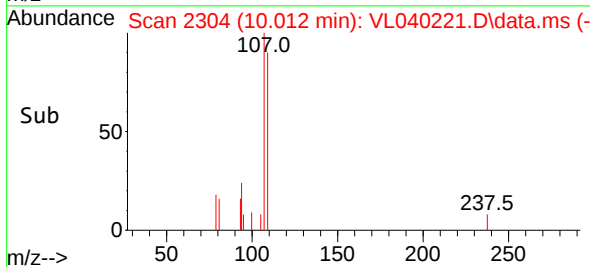
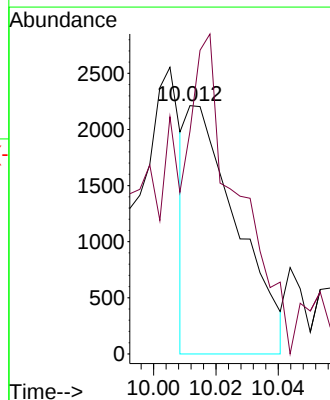
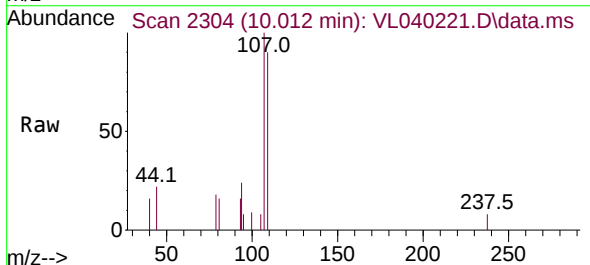
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

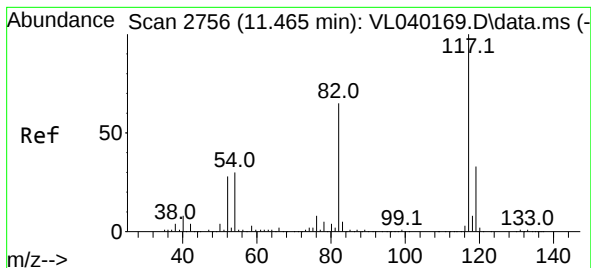
Tgt Ion: 91 Resp: 5399
Ion Ratio Lower Upper
91 100
92 121.3 48.9 73.3#



#54
1,2-Dibromoethane
Concen: 0.036 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.003 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 107 Resp: 2493
Ion Ratio Lower Upper
107 100
109 73.1 73.8 110.8#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

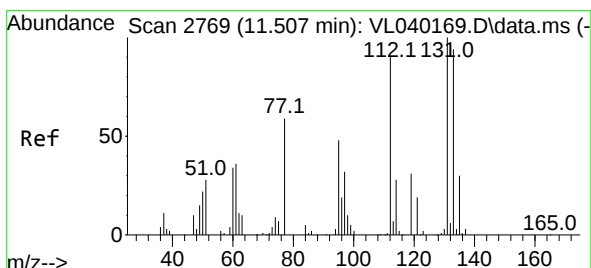
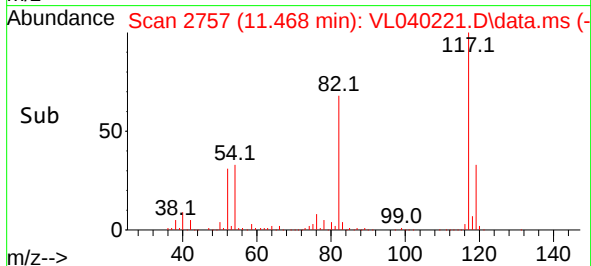
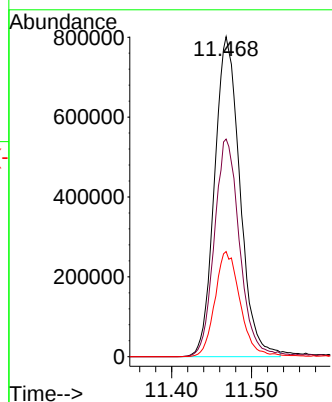
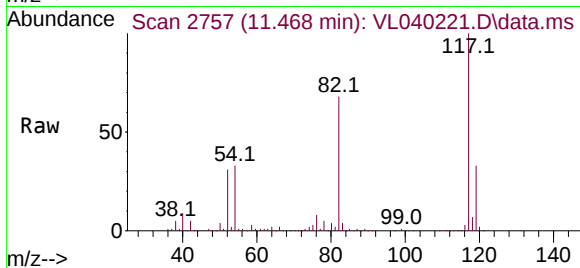
Tgt Ion:117 Resp: 1767292

Ion Ratio Lower Upper

117 100

82 69.0 53.3 79.9

119 32.8 24.6 37.0



#56

1,1,1,2-Tetrachloroethane

Concen: 0.033 ppbv

RT: 11.513 min Scan# 2771

Delta R.T. -0.003 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

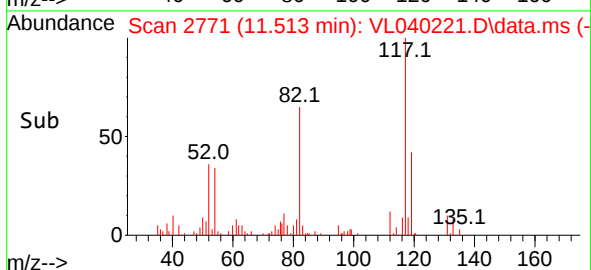
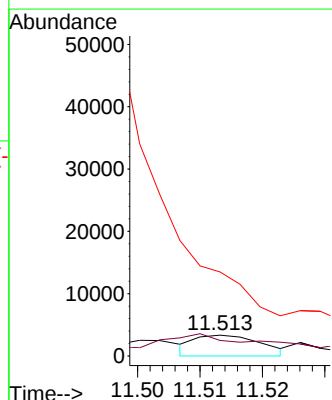
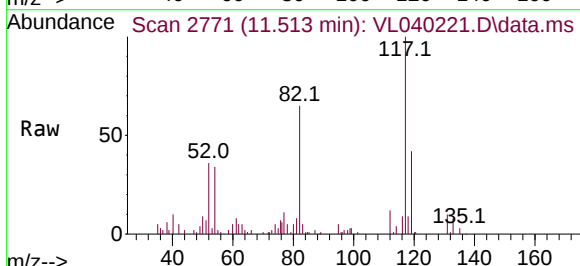
Tgt Ion:131 Resp: 2457

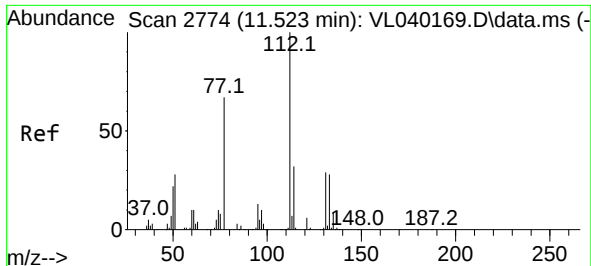
Ion Ratio Lower Upper

131 100

133 271.3 76.2 114.2#

119 0.0 45.4 68.0#

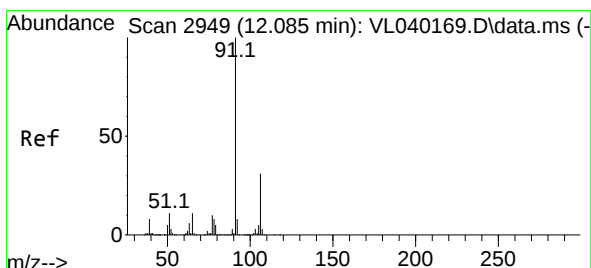
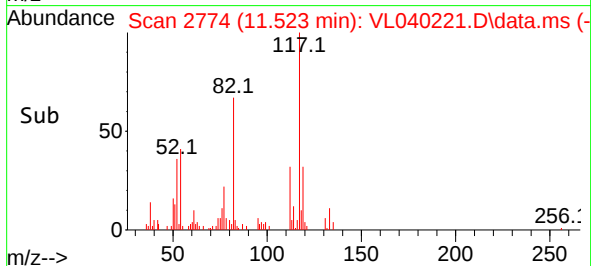
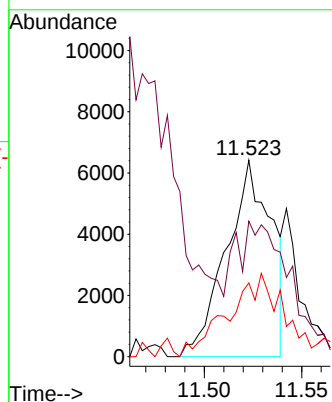
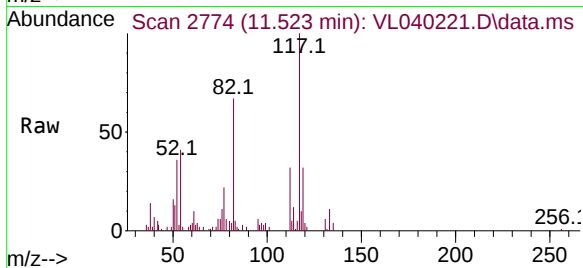




#57
Chlorobenzene
Concen: 0.080 ppbv
RT: 11.523 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

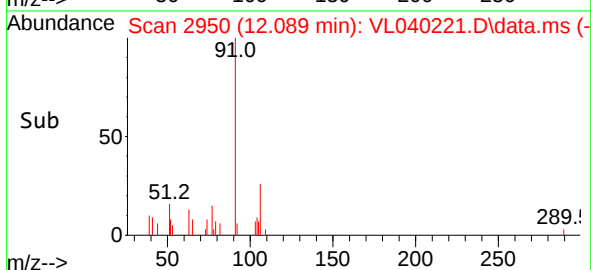
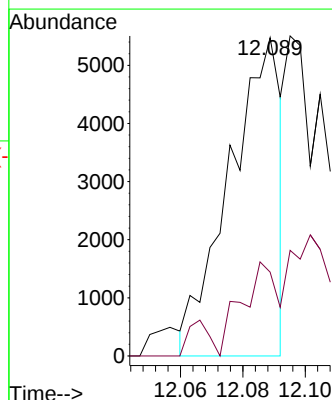
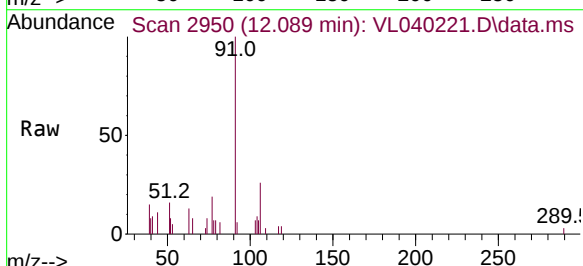
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

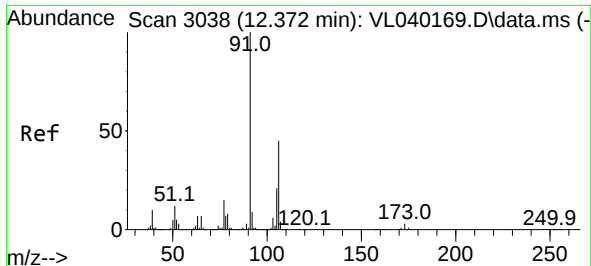
Tgt Ion:112 Resp: 10287
Ion Ratio Lower Upper
112 100
77 15.8 55.0 82.4#
114 37.5 29.0 35.4#



#58
Ethyl Benzene
Concen: 0.029 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.006 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 91 Resp: 6223
Ion Ratio Lower Upper
91 100
106 28.6 24.9 37.3





#59

m/p-Xylene

Concen: 0.020 ppbv

RT: 12.375 min Scan# 3039

Delta R.T. -0.006 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

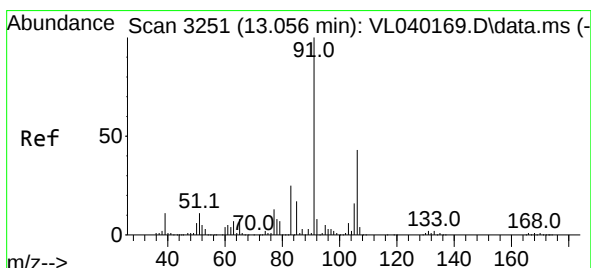
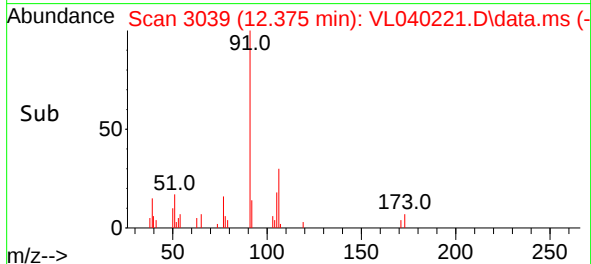
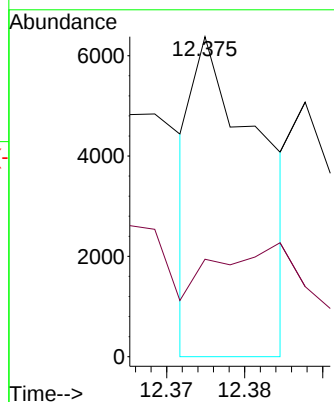
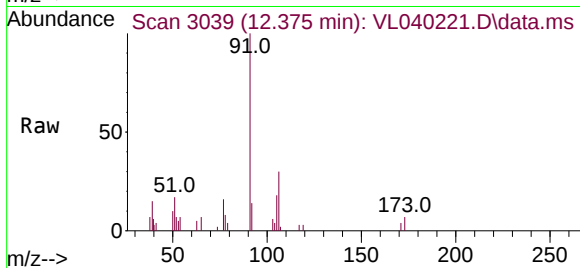
MDL-AIR-03-QT1-2023

Tgt Ion: 91 Resp: 3783

Ion Ratio Lower Upper

91 100

106 0.0 34.6 51.8#



#60

o-Xylene

Concen: 0.020 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. -0.016 min

Lab File: VL040221.D

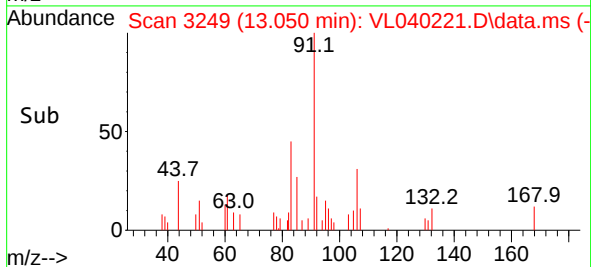
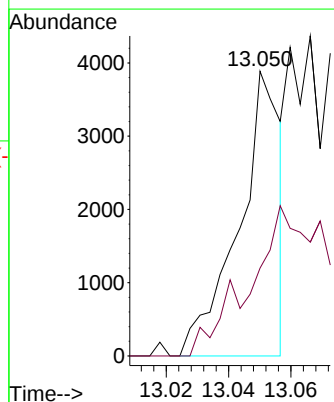
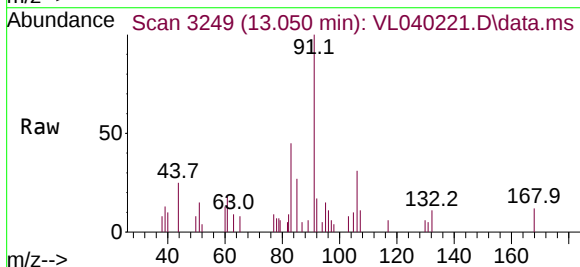
Acq: 23 Feb 2023 13:49

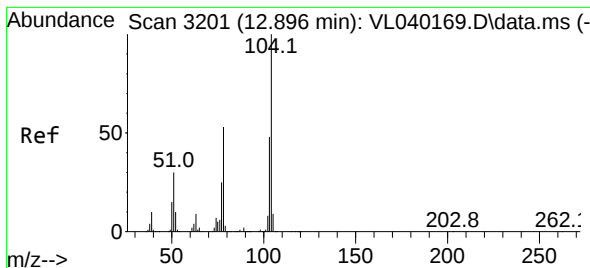
Tgt Ion: 91 Resp: 3581

Ion Ratio Lower Upper

91 100

106 125.6 21.6 65.0#





#61

Styrene

Concen: 0.032 ppbv

RT: 12.899 min Scan# 3118

Delta R.T. -0.006 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

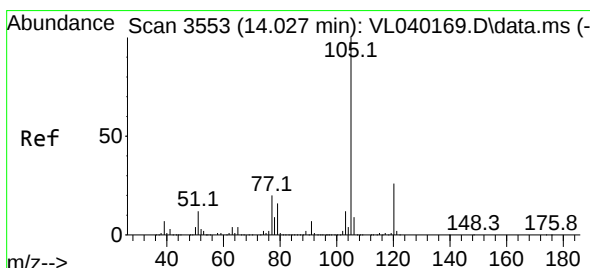
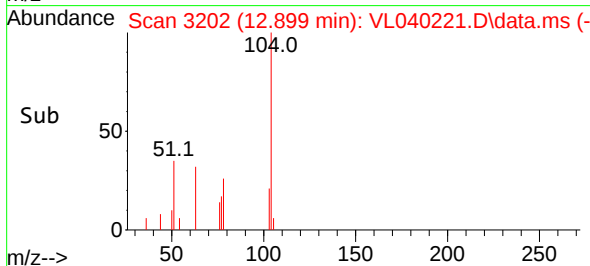
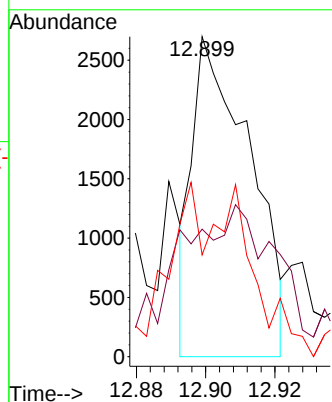
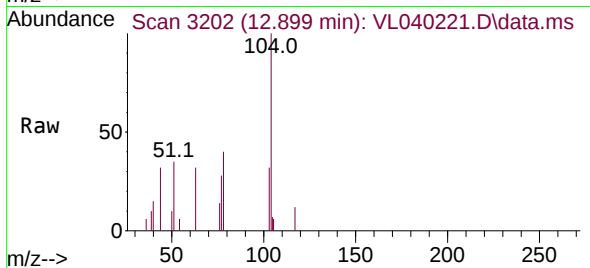
Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

Tgt Ion:104	Resp:	3118
Ion Ratio	Lower	Upper
104	100	
78	90.5	42.3 63.5#
103	82.9	37.5 56.3#



#62

Isopropylbenzene

Concen: 0.034 ppbv

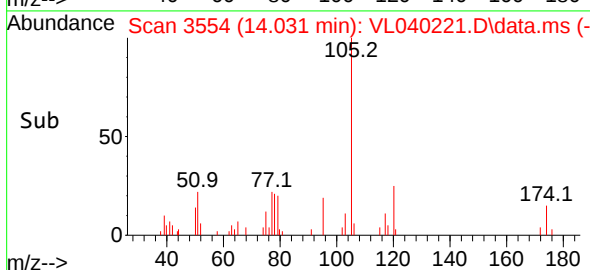
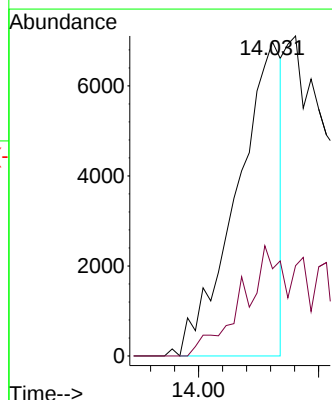
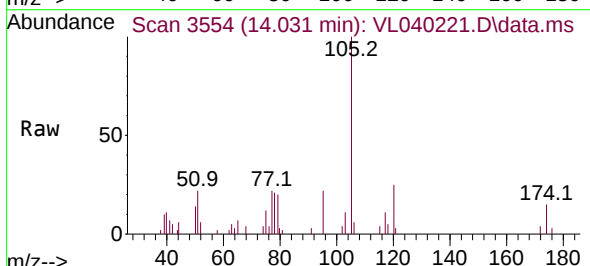
RT: 14.031 min Scan# 3554

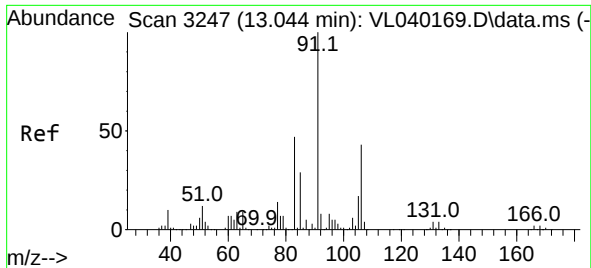
Delta R.T. -0.006 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Tgt Ion:105	Resp:	9017
Ion Ratio	Lower	Upper
105	100	
120	57.8	20.3 30.5#

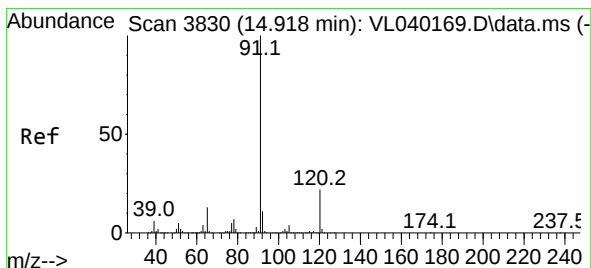
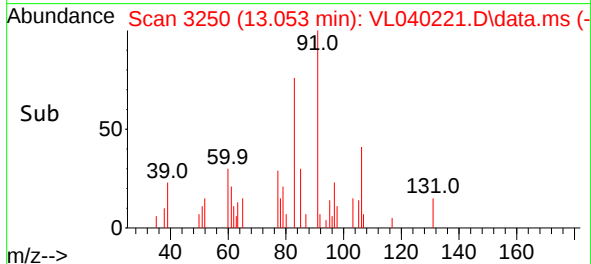
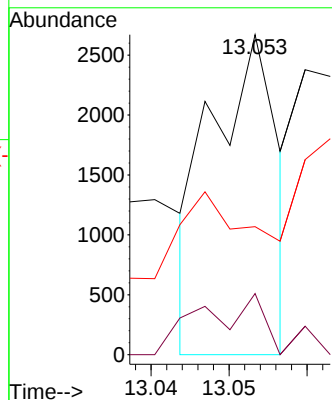
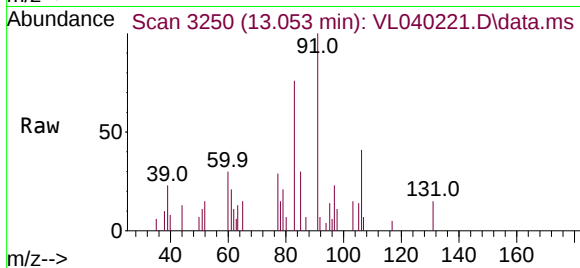




#63
1,1,2,2-Tetrachloroethane
Concen: 0.024 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

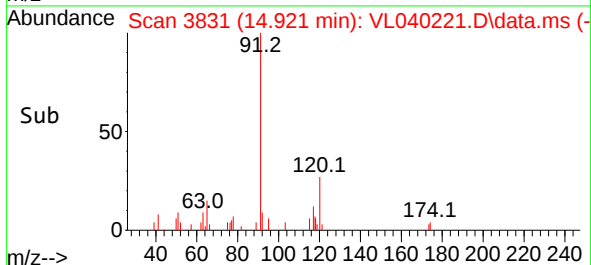
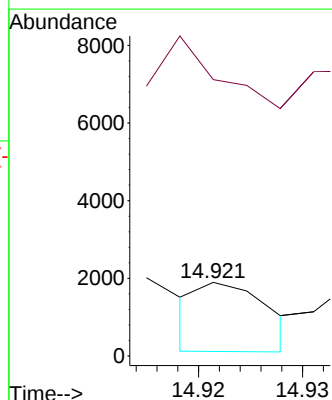
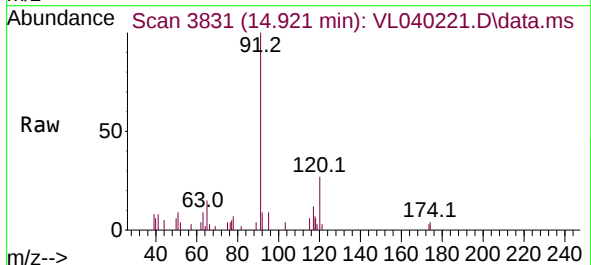
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

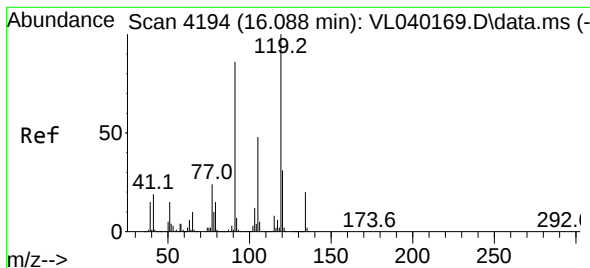
Tgt Ion: 83 Resp: 1586
Ion Ratio Lower Upper
83 100
131 24.9 4.4 13.2#
85 0.0 33.0 99.0#



#64
n-propylbenzene
Concen: 0.013 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.006 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion: 120 Resp: 824
Ion Ratio Lower Upper
120 100
91 2577.1 389.8 584.8#





#65

tert-Butylbenzene

Concen: 0.012 ppbv

RT: 16.095 min Scan# 4194

Delta R.T. -0.006 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

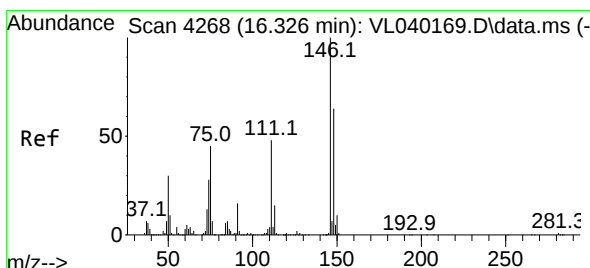
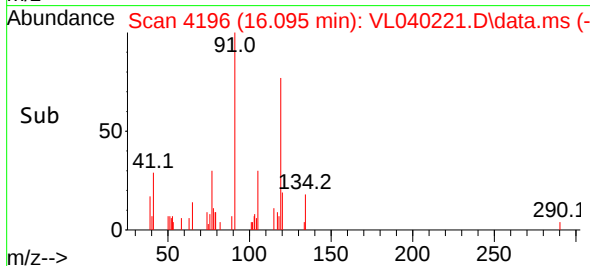
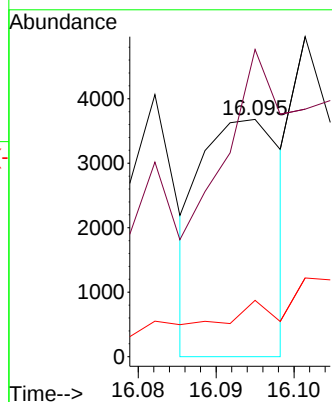
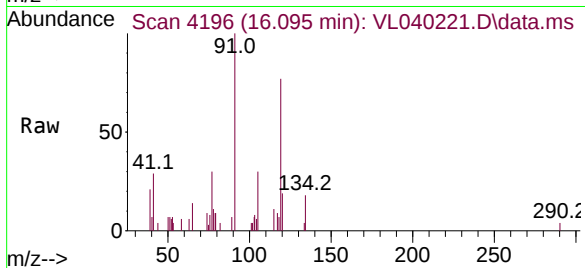
Tgt Ion:119 Resp: 2648

Ion Ratio Lower Upper

119 100

91 0.0 68.6 102.8#

134 0.0 15.9 23.9#



#66

Benzyl Chloride

Concen: 0.013 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. -0.013 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

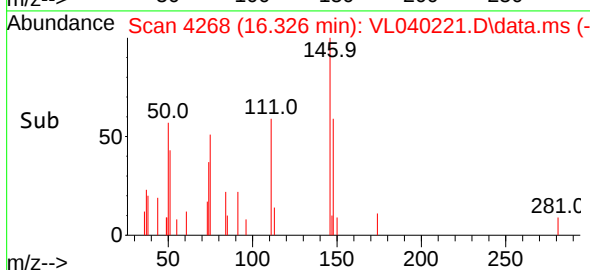
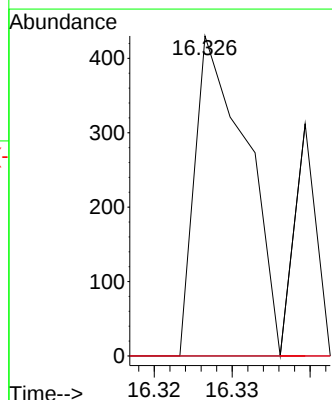
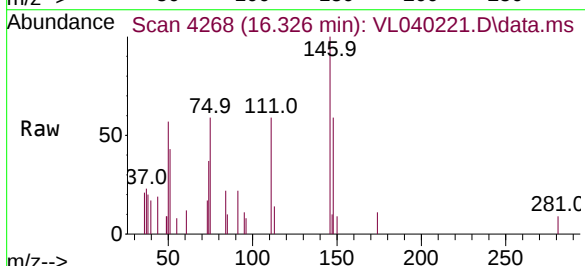
Tgt Ion: 91 Resp: 198

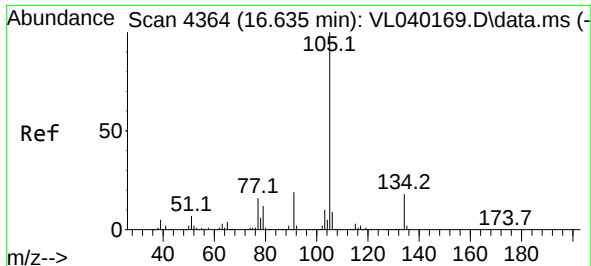
Ion Ratio Lower Upper

91 100

126 0.0 13.1 19.7#

128 0.0 4.1 6.1#





#67

sec-Butylbenzene

Concen: 0.032 ppbv

RT: 16.648 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

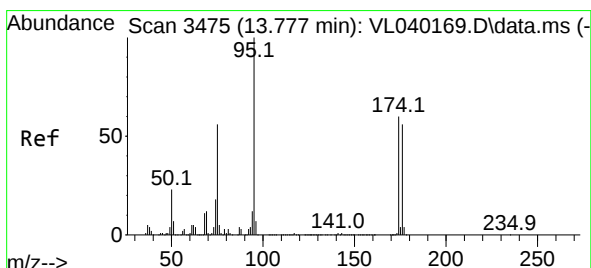
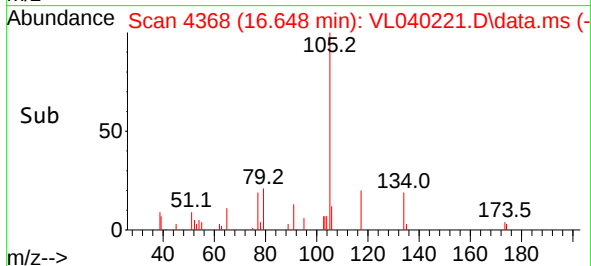
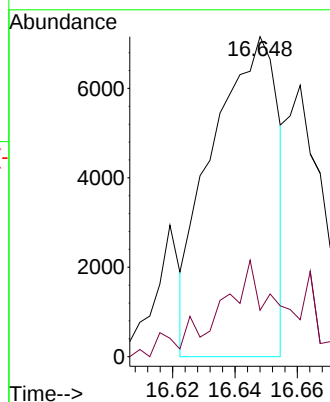
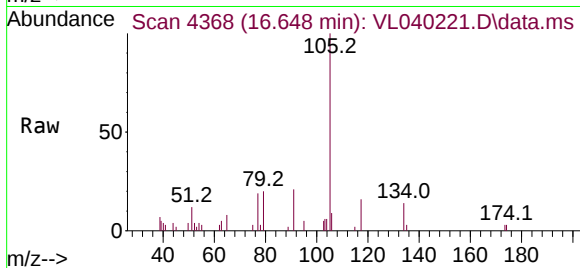
MDL-AIR-03-QT1-2023

Tgt Ion:105 Resp: 10489

Ion Ratio Lower Upper

105 100

134 37.5 14.1 21.1#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.230 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. -0.003 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

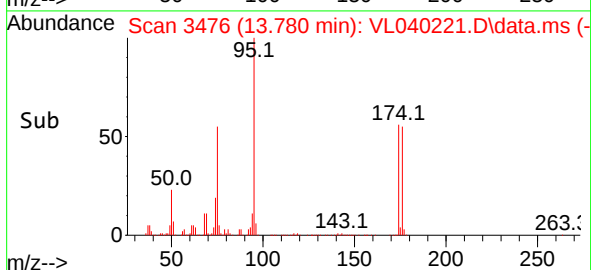
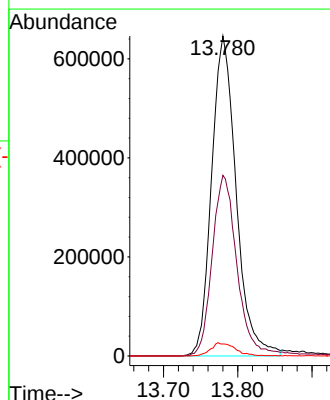
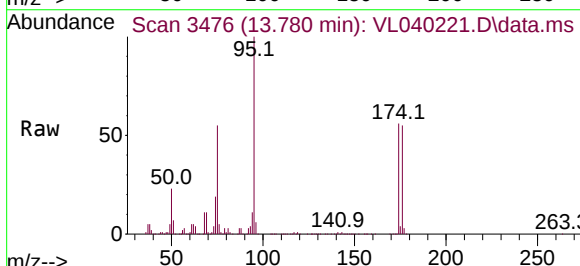
Tgt Ion: 95 Resp: 1486646

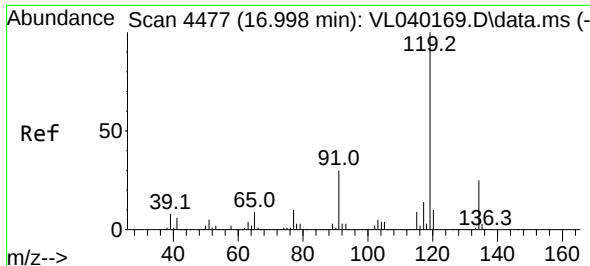
Ion Ratio Lower Upper

95 100

174 58.6 48.2 72.2

175 4.1 3.4 5.2





#69

p-Isopropyltoluene

Concen: 0.029 ppbv

RT: 17.002 min Scan# 44

Delta R.T. -0.003 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

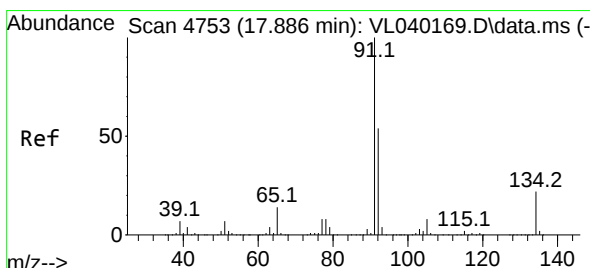
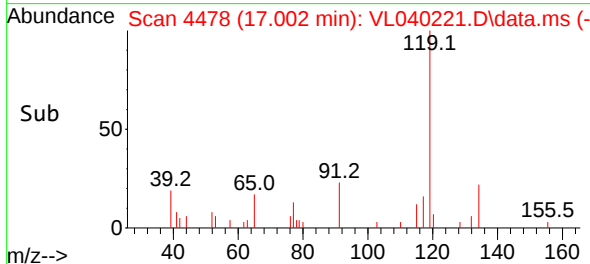
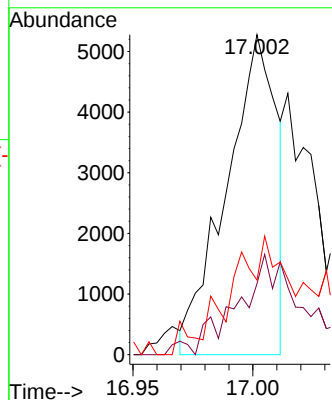
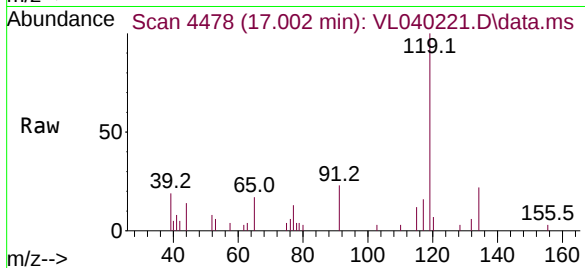
Tgt Ion:119 Resp: 7658

Ion Ratio Lower Upper

119 100

134 42.6 20.2 30.2#

91 61.6 24.7 37.1#



#70

n-Butylbenzene

Concen: 0.009 ppbv

RT: 17.892 min Scan# 4755

Delta R.T. -0.003 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

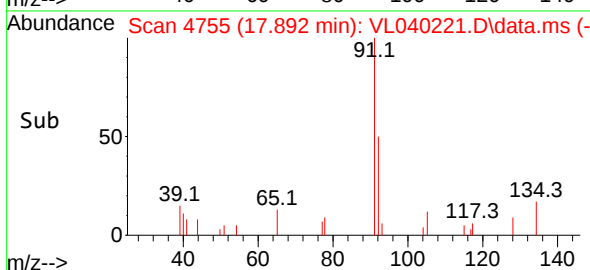
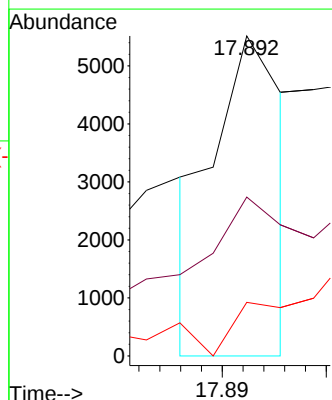
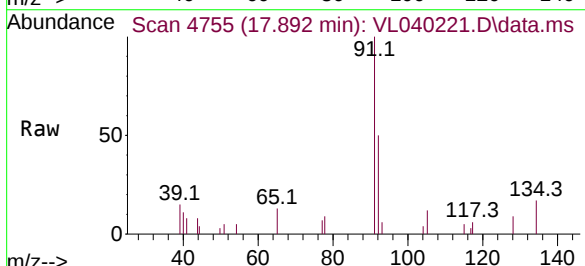
Tgt Ion: 91 Resp: 2566

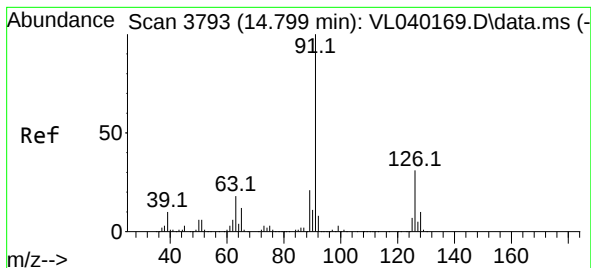
Ion Ratio Lower Upper

91 100

92 0.0 43.0 64.6#

134 0.0 16.9 25.3#





#71

2-Chlorotoluene

Concen: 0.022 ppbv

RT: 14.802 min Scan# 31

Delta R.T. -0.009 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

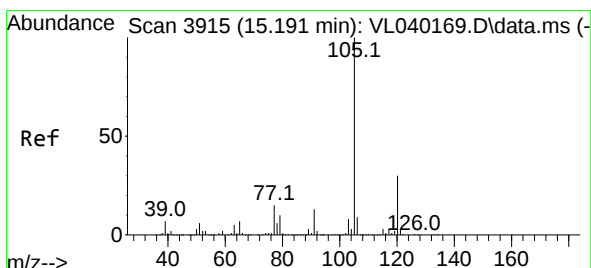
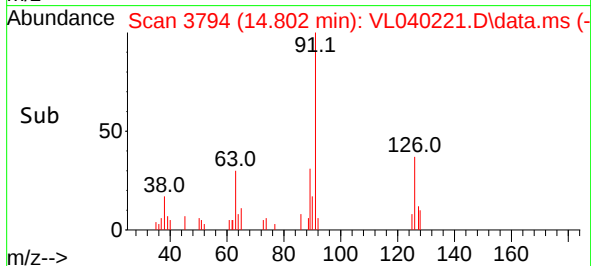
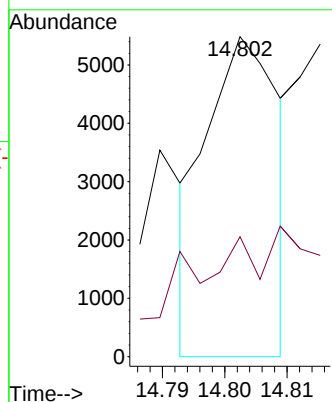
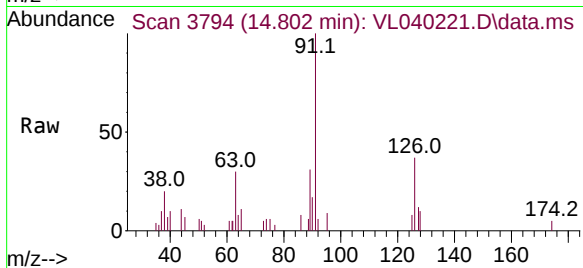
MDL-AIR-03-QT1-2023

Tgt Ion: 91 Resp: 4419

Ion Ratio Lower Upper

91 100

126 0.0 12.0 48.2#



#72

4-Ethyltoluene

Concen: 0.019 ppbv

RT: 15.188 min Scan# 3914

Delta R.T. -0.013 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Tgt Ion: 105 Resp: 3870

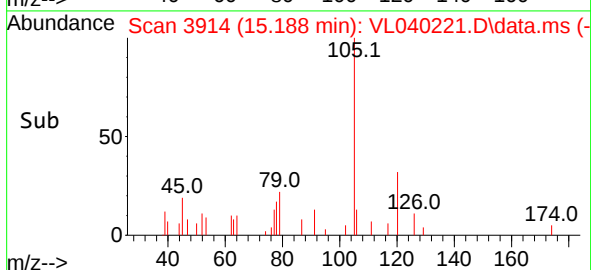
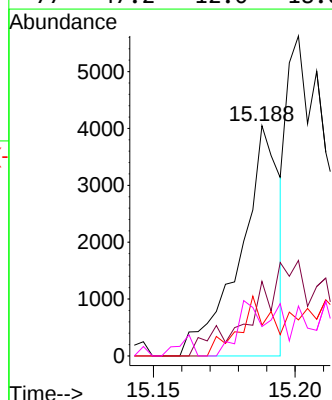
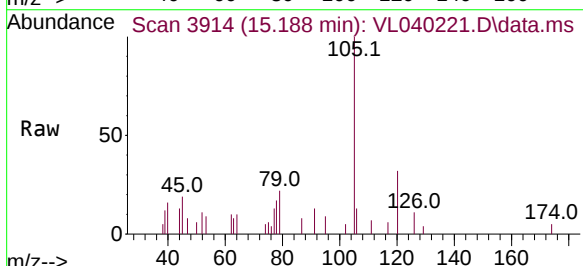
Ion Ratio Lower Upper

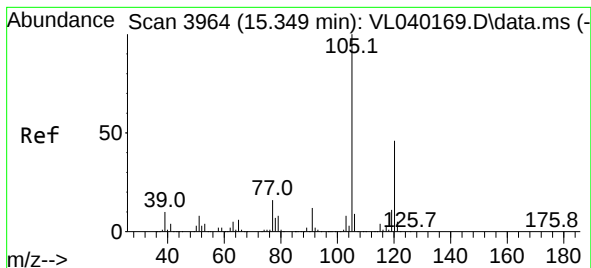
105 100

120 0.0 23.2 34.8#

91 20.7 11.3 16.9#

77 47.2 12.0 18.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.018 ppbv

RT: 15.359 min Scan# 3967

Delta R.T. 0.000 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

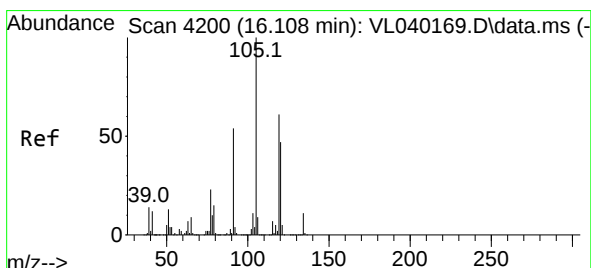
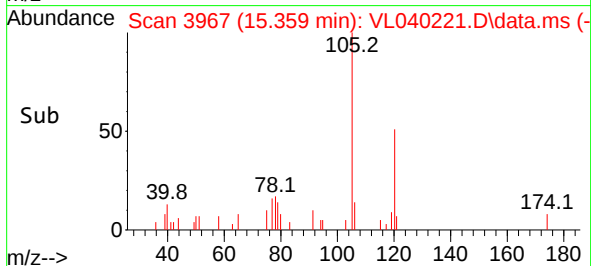
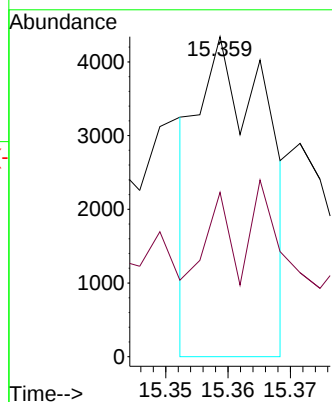
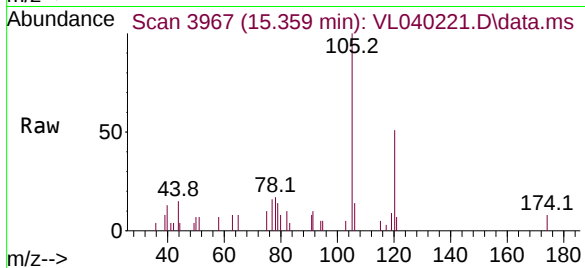
MDL-AIR-03-QT1-2023

Tgt Ion:105 Resp: 3344

Ion Ratio Lower Upper

105 100

120 89.4 36.8 55.2#



#74

1,2,4-Trimethylbenzene

Concen: 0.010 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. -0.006 min

Lab File: VL040221.D

Acq: 23 Feb 2023 13:49

Tgt Ion:105 Resp: 1965

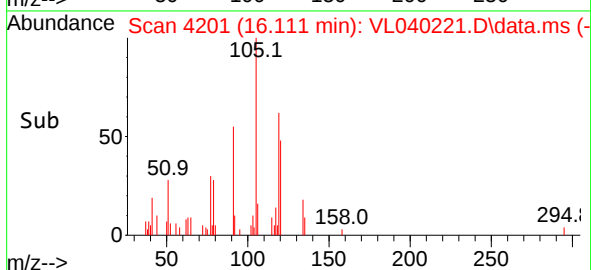
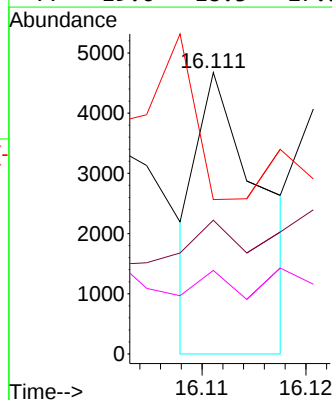
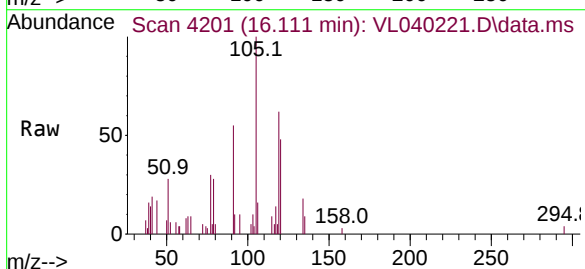
Ion Ratio Lower Upper

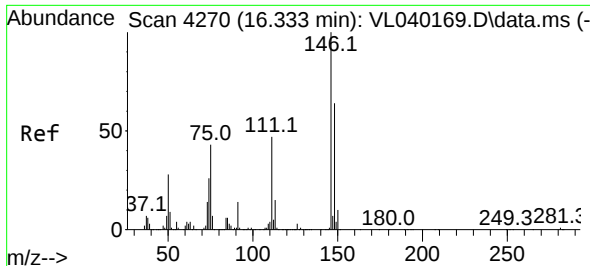
105 100

120 25.5 37.9 56.9#

91 0.0 43.7 65.5#

77 19.6 18.3 27.5

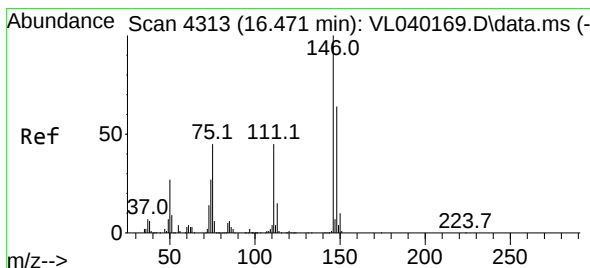
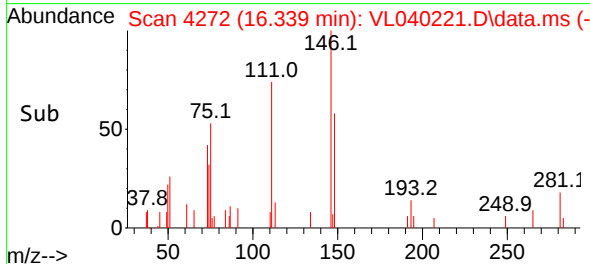
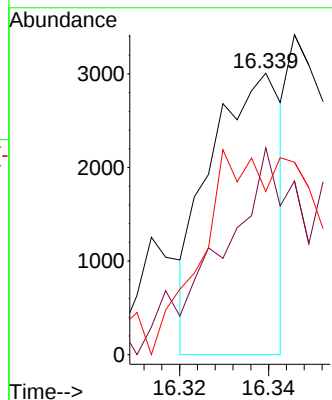
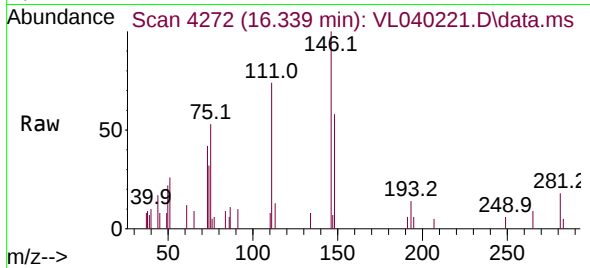




#75
1,3-Dichlorobenzene
Concen: 0.030 ppbv
RT: 16.339 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

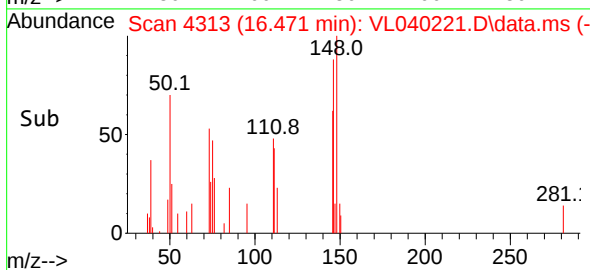
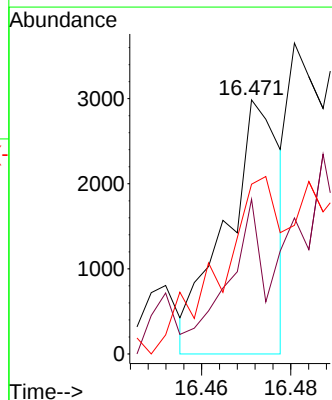
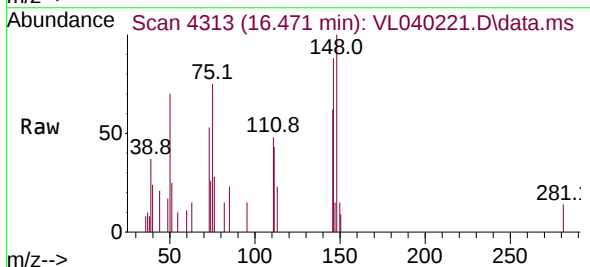
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

Tgt Ion:146 Resp: 3342
Ion Ratio Lower Upper
146 100
111 150.4 23.9 71.8#
148 159.0 32.1 96.5#



#76
1,4-Dichlorobenzene
Concen: 0.023 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.009 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion:146 Resp: 2507
Ion Ratio Lower Upper
146 100
111 0.0 23.5 70.5#
148 224.8 32.5 97.4#

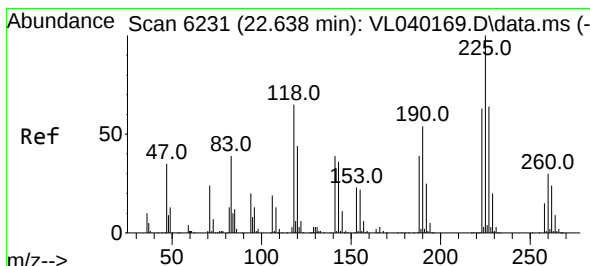
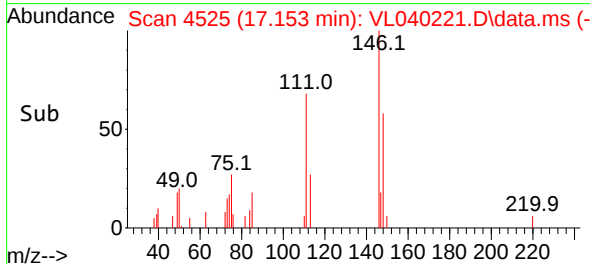
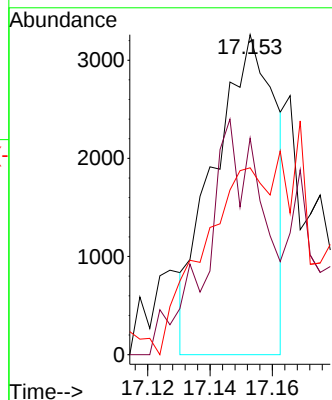
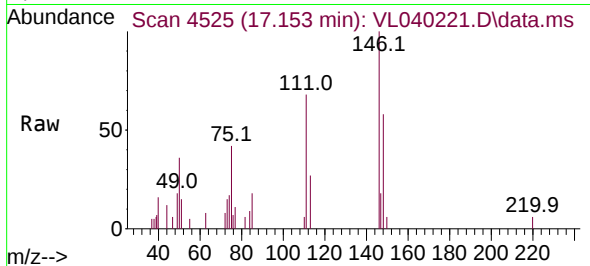




#77
1,2-Dichlorobenzene
Concen: 0.040 ppbv
RT: 17.153 min Scan# 4525
Delta R.T. 0.000 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

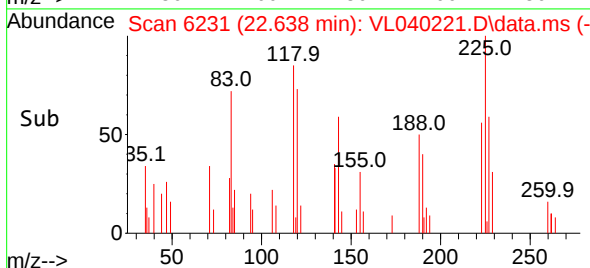
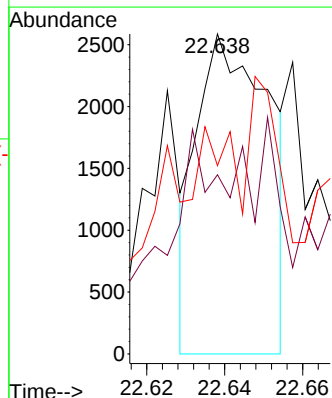
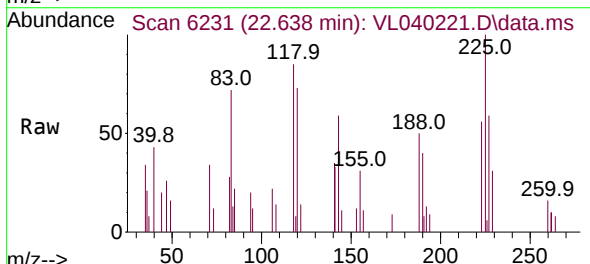
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

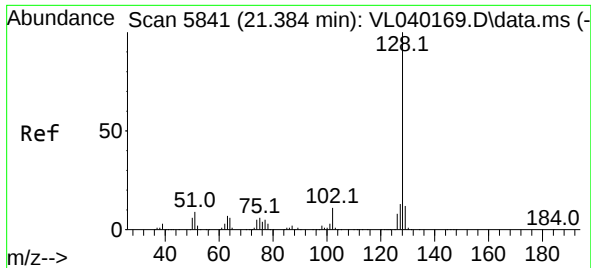
Tgt Ion:146 Resp: 4477
Ion Ratio Lower Upper
146 100
111 112.9 25.3 75.8#
148 0.0 32.0 96.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.043 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. -0.009 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion:225 Resp: 3320
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.2 76.8#

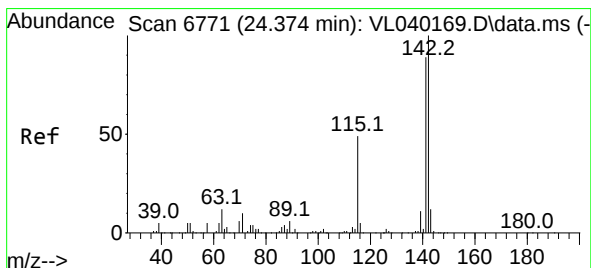
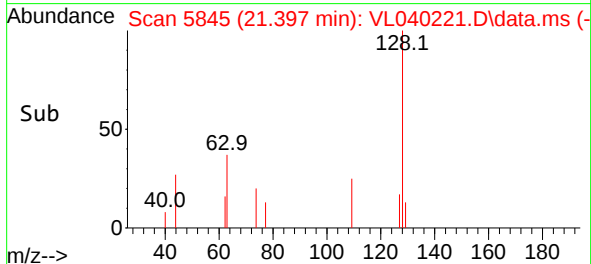
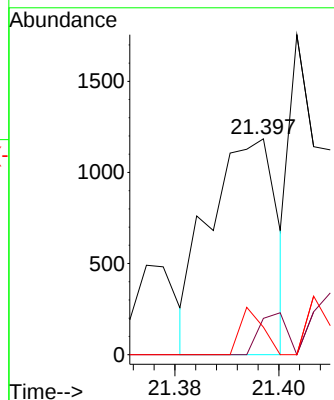
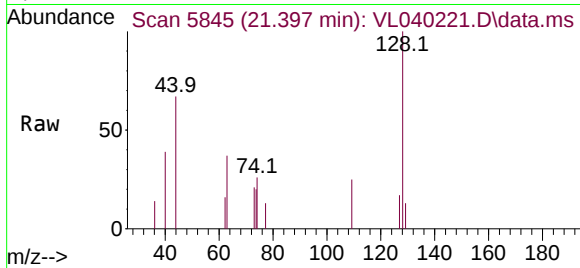




#79
Naphthalene
Concen: 0.009 ppbv
RT: 21.397 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

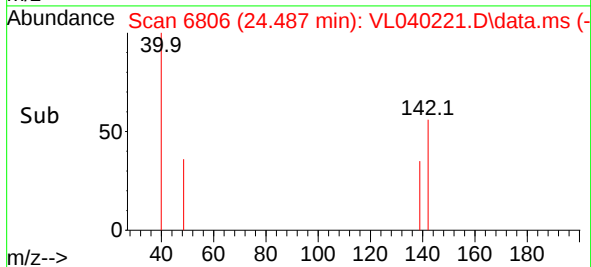
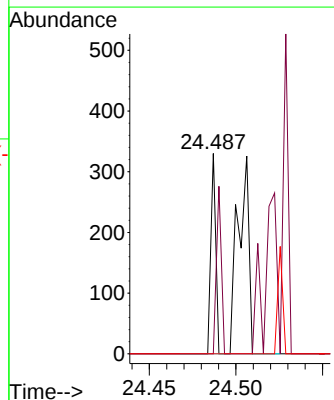
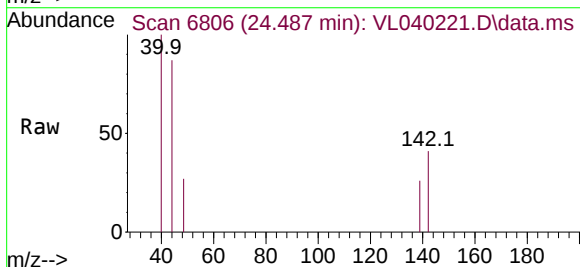
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

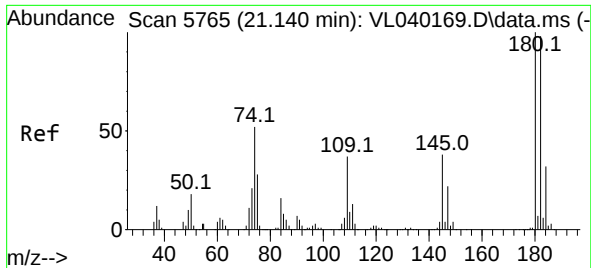
Tgt Ion:128 Resp: 1068
Ion Ratio Lower Upper
128 100
127 21.4 10.2 15.4#
129 16.3 9.4 14.0#



#80
Naphthalene,2-methyl-
Concen: 0.006 ppbv
RT: 24.487 min Scan# 6806
Delta R.T. 0.103 min
Lab File: VL040221.D
Acq: 23 Feb 2023 13:49

Tgt Ion:142 Resp: 208
Ion Ratio Lower Upper
142 100
141 0.0 67.3 100.9#
115 16.3 36.5 54.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.002 ppbv

RT: 21.130 min Scan# 51

Delta R.T. -0.019 min

Lab File: VL040221.D

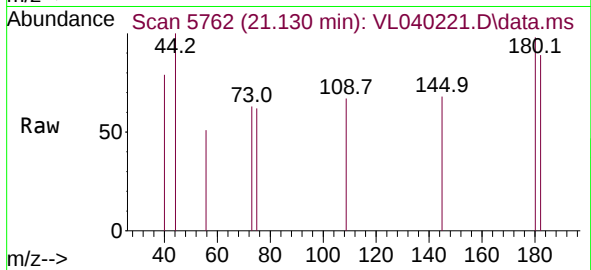
Acq: 23 Feb 2023 13:49

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023



Tgt Ion:180 Resp: 159

Ion Ratio Lower Upper

180 100

182 0.0 79.0 118.6#

184 0.0 24.6 36.8#

