

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022323\
 Data File : VL040222.D
 Acq On : 23 Feb 2023 14:26
 Operator : SY/MD
 Sample : 01627-15 0.03 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Feb 24 01:03:42 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	5.188	49	790354	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	1973279	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1756756	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1456058	10.079	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.722	85	5910	0.040	ppbv	93
3) Chlorodifluoromethane	2.671	51	3544	0.038	ppbv	95
4) Chloromethane	2.809	50	2300	0.039	ppbv #	80
5) Vinyl Chloride	2.912	62	1252	0.026	ppbv #	61
6) Bromomethane	3.111	94	360	0.021	ppbv #	1
7) Chloroethane	3.185	64	733	0.039	ppbv #	43
8) Dichlorotetrafluoroethane	2.848	85	4550	0.036	ppbv	87
9) Propene	2.693	41	2485	0.065	ppbv #	14
10) Heptane	7.577	43	522	0.006	ppbv #	26
11) Trichlorofluoromethane	3.555	101	4613	0.035	ppbv	87
12) 1,1,2-Trichlorotrifluo...	4.063	101	2274	0.023	ppbv #	55
13) Ethanol	3.263	45	687	0.194	ppbv	65
14) Bromoethene	3.356	108	362	0.010	ppbv #	1
15) Acetone	3.494	43	10251	0.108	ppbv #	76
16) 1,3-Butadiene	2.983	39	1347	0.031	ppbv	92
17) tert-Butyl alcohol	3.893	59	39	0.000	ppbv #	1
18) 1,1-Dichloroethene	3.877	96	516	0.012	ppbv #	24
19) Isopropyl Alcohol	3.594	45	694	0.015	ppbv #	4
20) Methylene Chloride	3.925	84	9321	0.188	ppbv #	85
21) Allyl Chloride	3.992	41	2017	0.035	ppbv #	75
22) trans-1,2-Dichloroethene	4.449	96	545	0.012	ppbv	85
23) Vinyl Acetate	4.619	43	228	0.008	ppbv #	78
24) 1,1-Dichloroethane	4.561	63	2488	0.028	ppbv #	88
25) Ethyl Acetate	5.211	43	2226	0.013	ppbv #	79
26) Hexane	5.208	57	1451	0.019	ppbv #	1
27) Carbon Disulfide	4.124	76	1167	0.012	ppbv #	1
28) Methyl tert-Butyl Ether	4.587	73	408	0.005	ppbv #	52
29) Chloroform	5.262	83	1667	0.013	ppbv	90
30) Cyclohexane	6.600	84	230	0.004	ppbv #	1
31) cis-1,2-Dichloroethene	5.082	61	1497	0.021	ppbv #	59
32) 1,1,1-Trichloroethane	6.002	97	1589	0.013	ppbv #	1
34) 2-Butanone	4.754	43	48	0.000	ppbv #	53
35) Carbon Tetrachloride	6.500	117	3052	0.026	ppbv #	43
36) Benzene	6.368	78	2323	0.015	ppbv #	78
37) 1,2-Dichloroethane	5.803	62	1369	0.014	ppbv #	82
38) Trichloroethene	7.291	130	834	0.010	ppbv #	49
39) 1,2-Dichloropropane	6.648	63	512491	8.579	ppbv #	25
40) 1,4-Dioxane	7.323	88	87	0.004	ppbv #	1
41) Tetrahydrofuran	5.584	42	57	0.001	ppbv #	35
42) Bromodichloromethane	7.249	83	2877	0.022	ppbv #	52
43) Methyl Methacrylate	7.475	69	320	0.006	ppbv #	1
44) 2,2,4-Trimethylpentane	7.323	57	1934	0.008	ppbv #	1
45) t-1,3-Dichloropropene	8.703	75	249	0.005	ppbv #	1

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

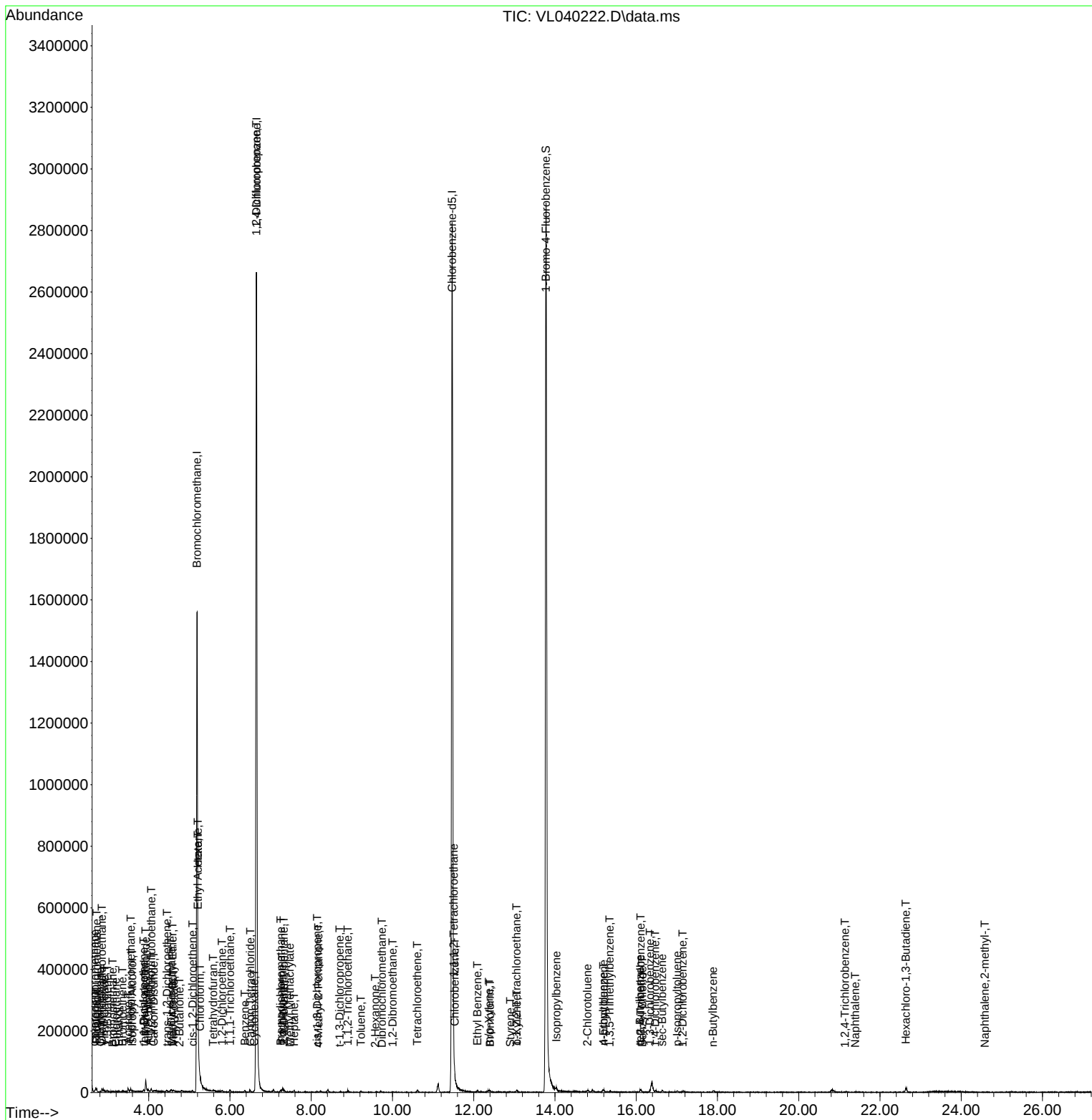
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2023

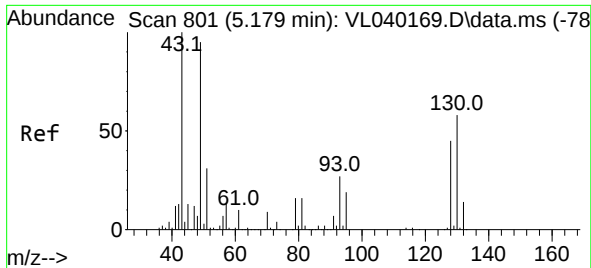
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Feb 24 00:45:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.147	75	1056	0.015	ppbv	#	1
47) 1,1,2-Trichloroethane	8.899	97	1582	0.024	ppbv	#	56
48) Dibromochloromethane	9.741	129	131	0.001	ppbv		67
49) Bromoform	12.404	173	361	0.004	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.175	43	109	0.001	ppbv	#	38
51) 2-Hexanone	9.577	43	132	0.001	ppbv	#	29
52) Tetrachloroethene	10.613	164	337	0.007	ppbv	#	45
53) Toluene	9.224	91	1341	0.008	ppbv	#	1
54) 1,2-Dibromoethane	10.005	107	451	0.007	ppbv	#	47
56) 1,1,1,2-Tetrachloroethane	11.507	131	484	0.007	ppbv	#	1
57) Chlorobenzene	11.532	112	2239	0.017	ppbv	#	65
58) Ethyl Benzene	12.092	91	1326	0.006	ppbv		100
59) m/p-Xylene	12.378	91	1285	0.007	ppbv	#	33
60) o-Xylene	13.056	91	451	0.002	ppbv	#	1
61) Styrene	12.902	104	262	0.003	ppbv	#	27
62) Isopropylbenzene	14.034	105	1894	0.007	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.053	83	667	0.010	ppbv		64
64) n-propylbenzene	15.201	120	154	0.002	ppbv		91
65) tert-Butylbenzene	16.092	119	632	0.003	ppbv	#	11
66) Benzyl Chloride	16.149	91	43	0.003	ppbv	#	1
67) sec-Butylbenzene	16.638	105	2741	0.008	ppbv		97
69) p-Isopropyltoluene	17.005	119	1402	0.005	ppbv	#	33
70) n-Butylbenzene	17.889	91	1126	0.004	ppbv	#	33
71) 2-Chlorotoluene	14.799	91	937	0.005	ppbv	#	45
72) 4-Ethyltoluene	15.195	105	500	0.002	ppbv	#	1
73) 1,3,5-Trimethylbenzene	15.346	105	291	0.002	ppbv	#	30
74) 1,2,4-Trimethylbenzene	16.111	105	517	0.003	ppbv	#	70
75) 1,3-Dichlorobenzene	16.339	146	668	0.006	ppbv	#	1
76) 1,4-Dichlorobenzene	16.468	146	309	0.003	ppbv	#	23
77) 1,2-Dichlorobenzene	17.140	146	450	0.004	ppbv	#	22
78) Hexachloro-1,3-Butadiene	22.638	225	691	0.009	ppbv	#	18
79) Naphthalene	21.387	128	225	0.002	ppbv	#	69
80) Naphthalene,2-methyl-	24.583	142	35	0.001	ppbv	#	1
81) 1,2,4-Trichlorobenzene	21.136	180	201	0.003	ppbv	#	82

(#) = 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

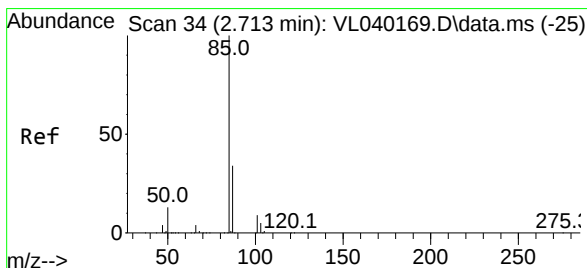
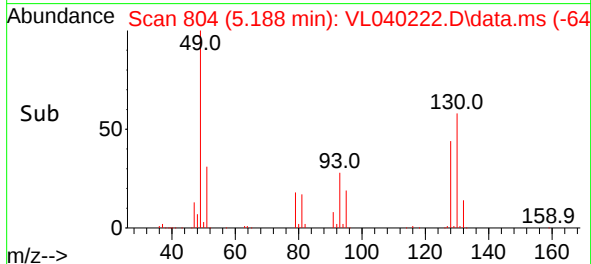
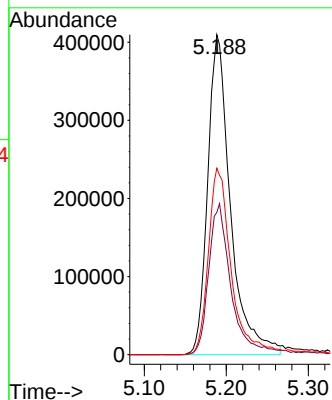
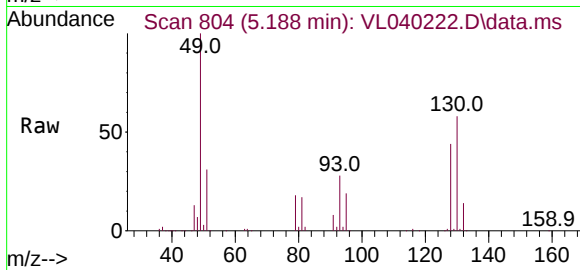




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. -0.001 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

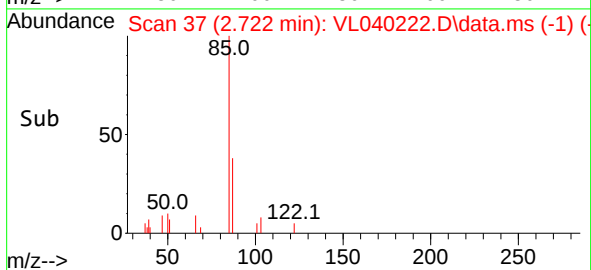
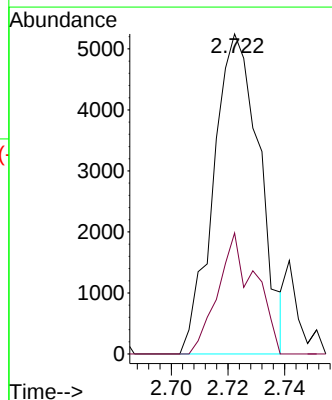
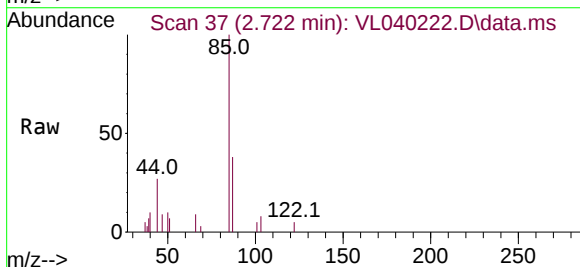
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

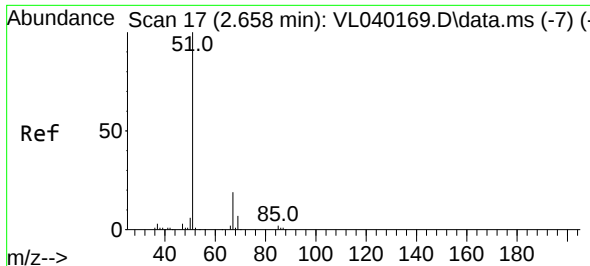
Tgt Ion: 49 Resp: 790354
Ion Ratio Lower Upper
49 100
128 47.9 24.1 72.3
130 60.2 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 0.040 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.003 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion: 85 Resp: 5910
Ion Ratio Lower Upper
85 100
87 37.8 27.0 40.6

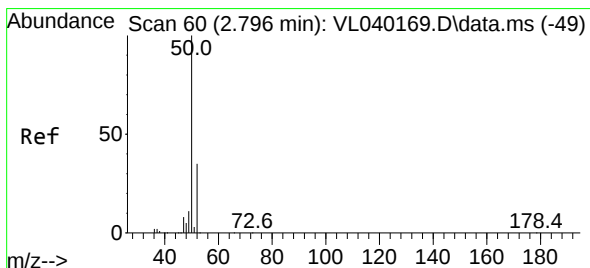
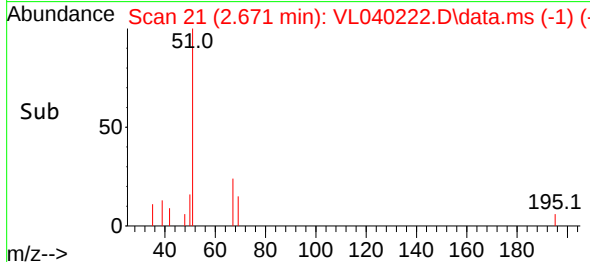
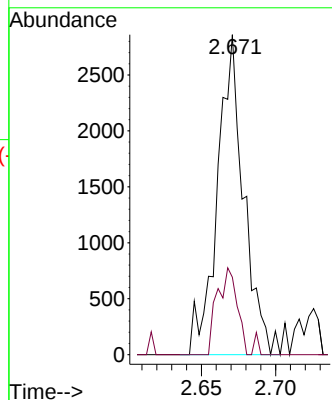
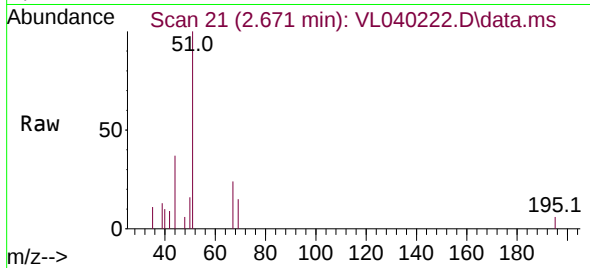




#3
Chlorodifluoromethane
Concen: 0.038 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

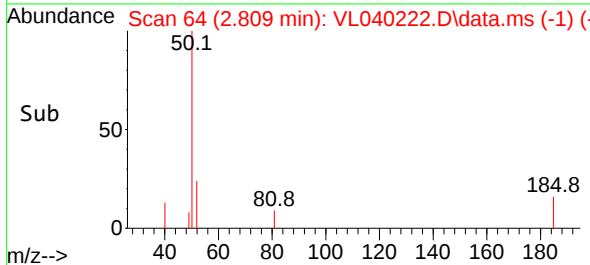
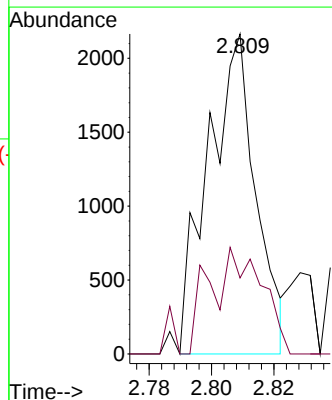
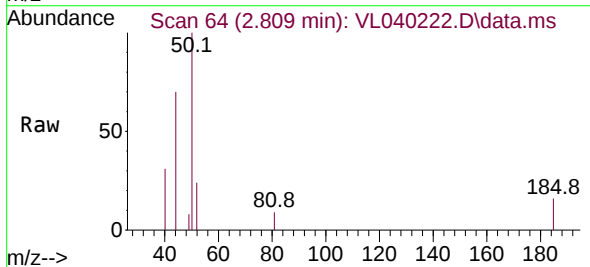
Instrument :
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ClientSampleId :
MDL-AIR-03-QT1-2023

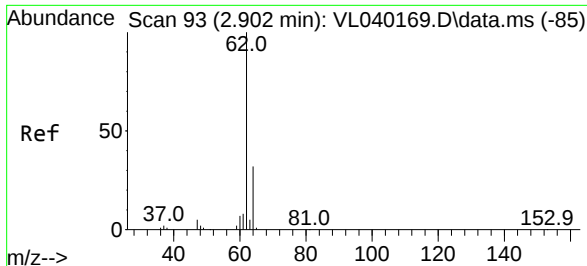
Tgt Ion: 51 Resp: 3544
Ion Ratio Lower Upper
51 100
67 21.5 15.4 23.2



#4
Chloromethane
Concen: 0.039 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion: 50 Resp: 2300
Ion Ratio Lower Upper
50 100
52 23.7 28.3 42.5#

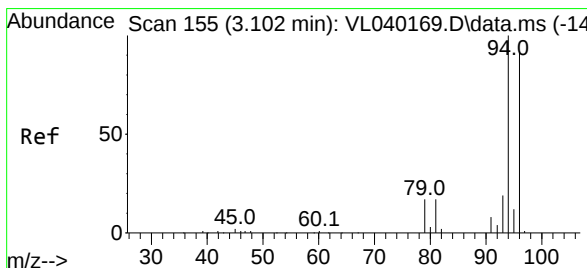
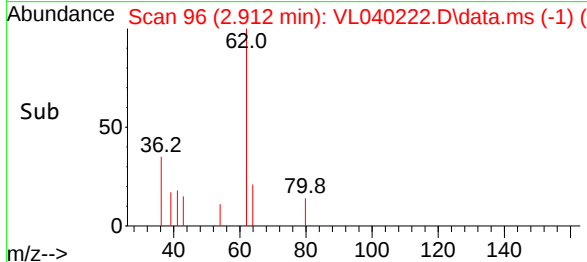
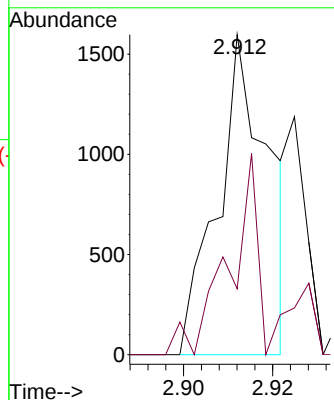
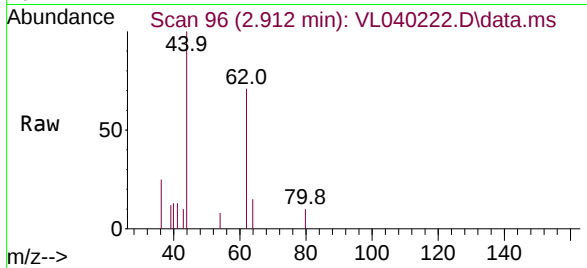




#5
 Vinyl Chloride
 Concen: 0.026 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VL040222.D
 Acq: 23 Feb 2023 14:26

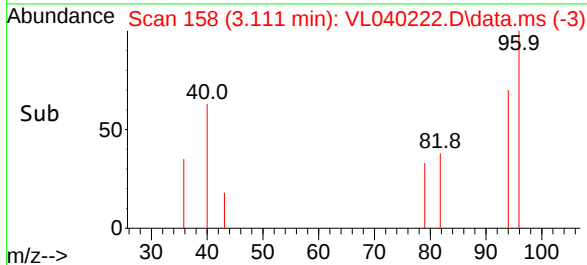
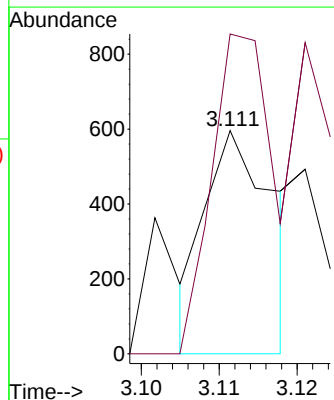
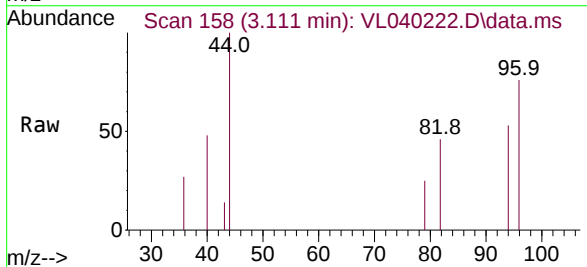
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2023

Tgt Ion: 62 Resp: 1252
 Ion Ratio Lower Upper
 62 100
 64 10.4 25.6 38.4#



#6
 Bromomethane
 Concen: 0.021 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.000 min
 Lab File: VL040222.D
 Acq: 23 Feb 2023 14:26

Tgt Ion: 94 Resp: 360
 Ion Ratio Lower Upper
 94 100
 96 208.3 73.4 110.2#

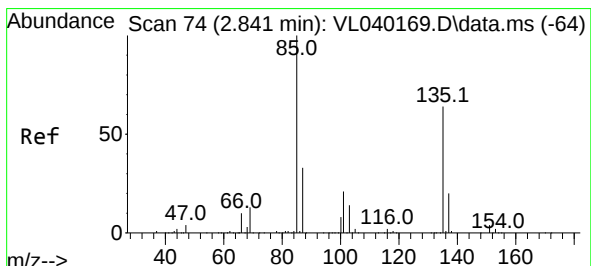
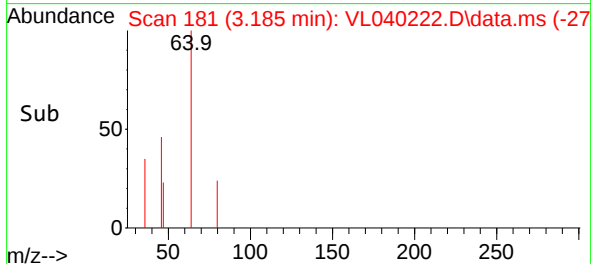
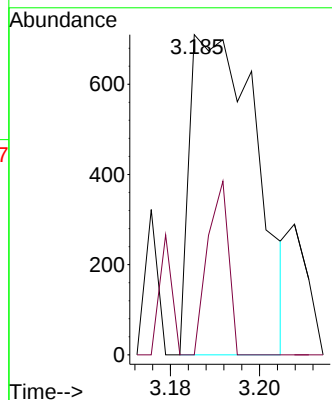
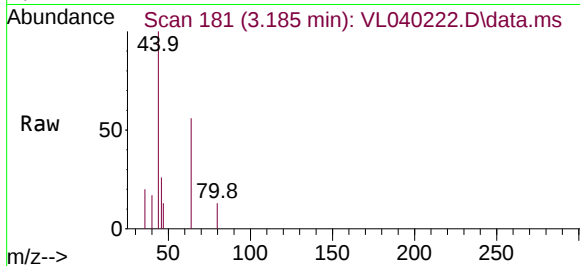




#7
Chloroethane
Concen: 0.039 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

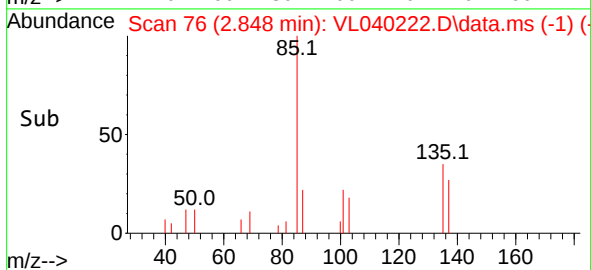
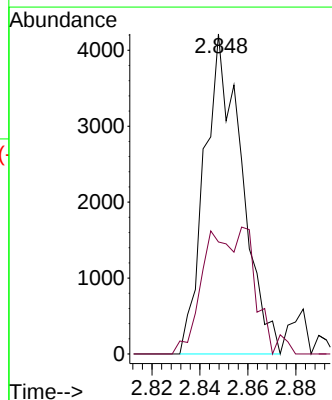
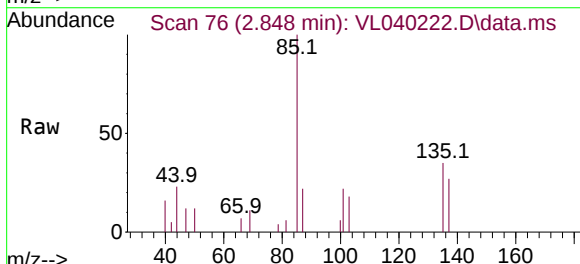
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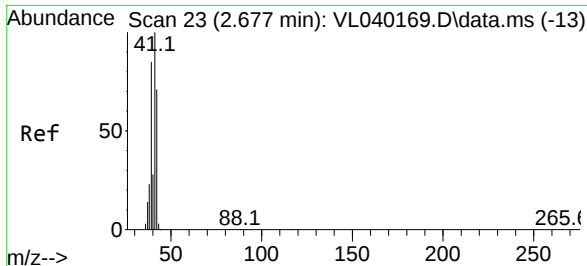
Tgt Ion: 64 Resp: 733
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#8
Dichlorotetrafluoroethane
Concen: 0.036 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.000 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion: 85 Resp: 4550
Ion Ratio Lower Upper
85 100
135 54.0 51.5 77.3





#9

Propene

Concen: 0.065 ppbv

RT: 2.693 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

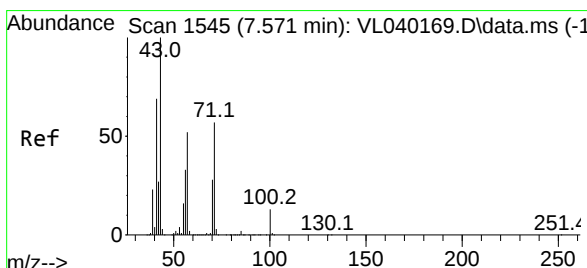
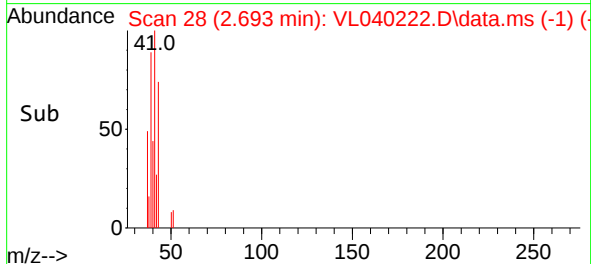
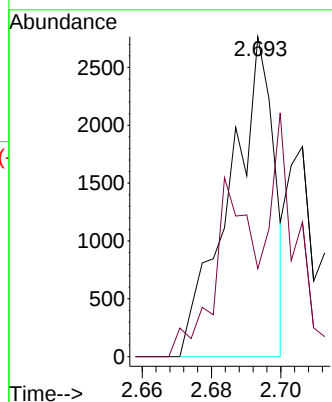
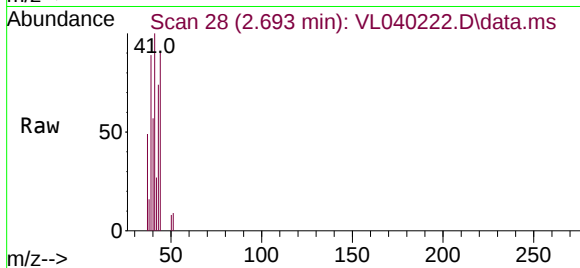
MDL-AIR-03-QT1-2023

Tgt Ion: 41 Resp: 2485

Ion Ratio Lower Upper

41 100

42 0.0 56.9 85.3#



#10

Heptane

Concen: 0.006 ppbv

RT: 7.577 min Scan# 1547

Delta R.T. -0.003 min

Lab File: VL040222.D

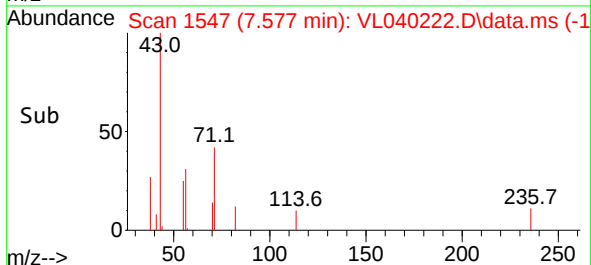
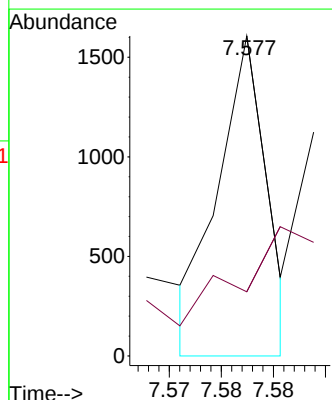
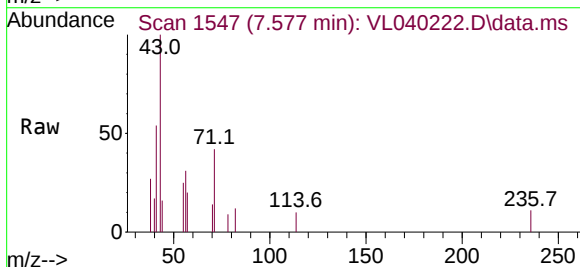
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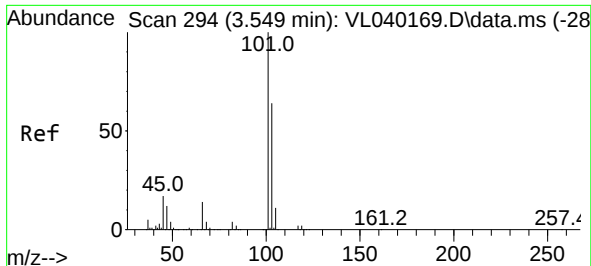
Tgt Ion: 43 Resp: 522

Ion Ratio Lower Upper

43 100

57 0.0 41.4 62.2#

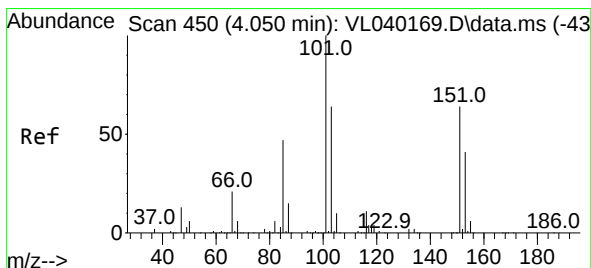
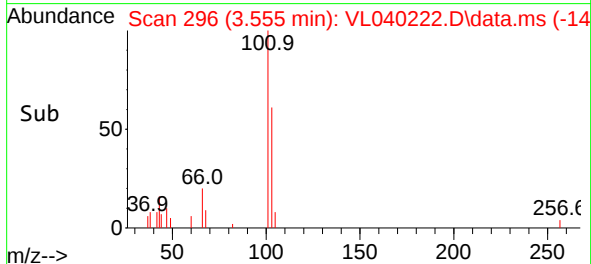
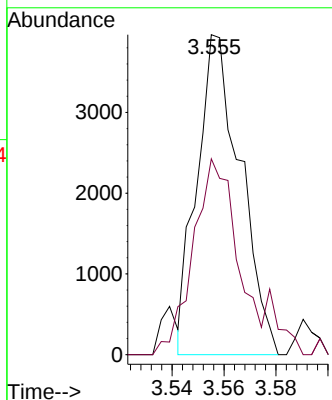
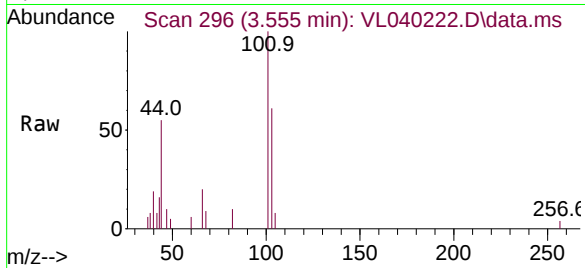




#11
Trichlorofluoromethane
Concen: 0.035 ppbv
RT: 3.555 min Scan# 294
Delta R.T. -0.000 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

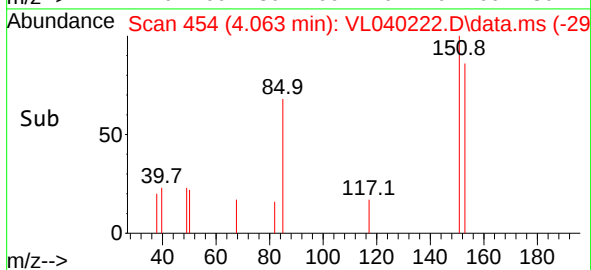
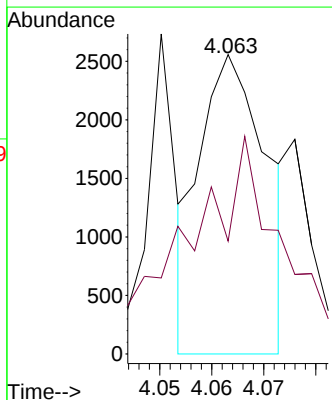
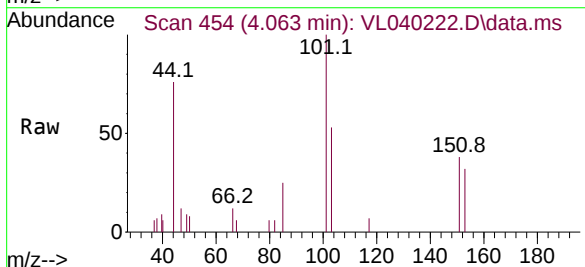
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

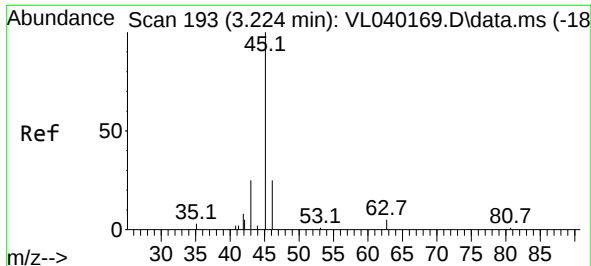
Tgt Ion:101 Resp: 4613
Ion Ratio Lower Upper
101 100
103 53.3 51.0 76.6



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.023 ppbv
RT: 4.063 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion:101 Resp: 2274
Ion Ratio Lower Upper
101 100
151 104.7 54.7 82.1#

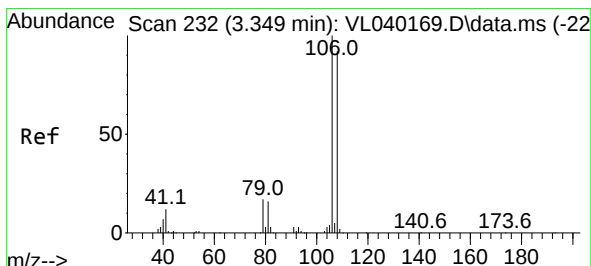
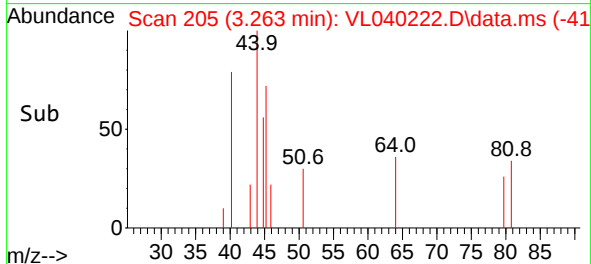
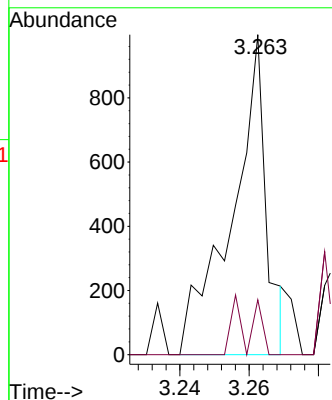
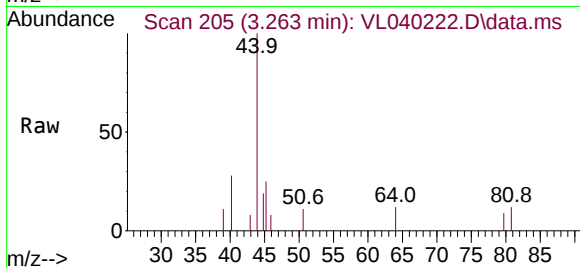




#13
Ethanol
Concen: 0.194 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.029 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

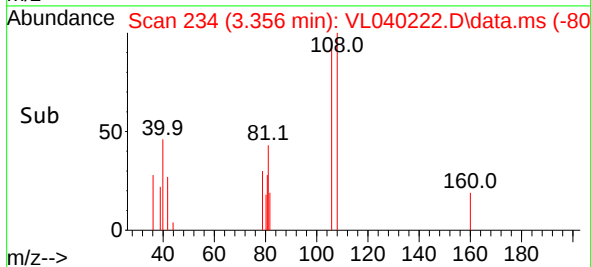
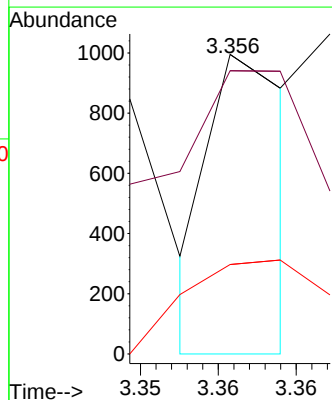
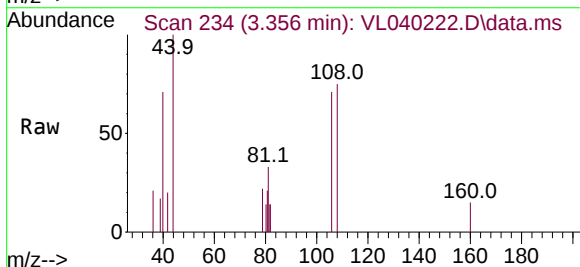
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

Tgt Ion: 45 Resp: 687
Ion Ratio Lower Upper
45 100
46 13.5 13.3 53.1



#14
Bromoethene
Concen: 0.010 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.003 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion: 108 Resp: 362
Ion Ratio Lower Upper
108 100
106 359.1 87.1 130.7#
79 0.0 15.4 23.2#

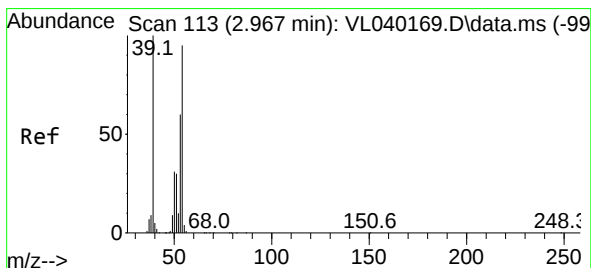
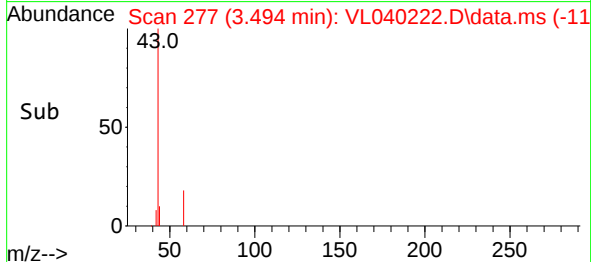
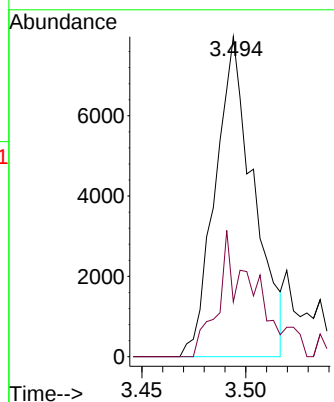
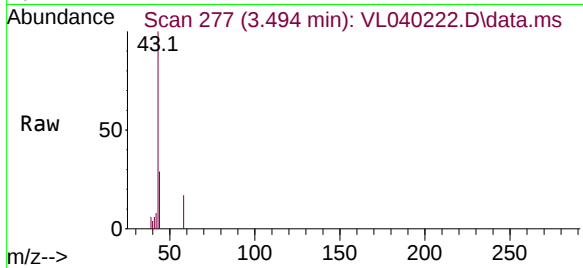




#15
Acetone
Concen: 0.108 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.035 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

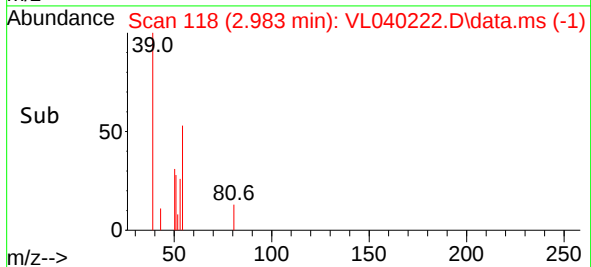
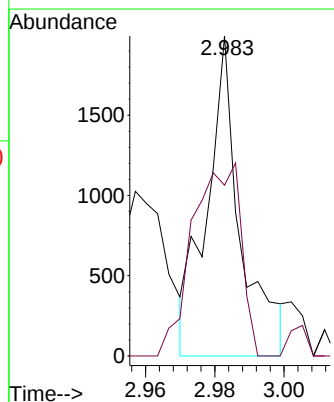
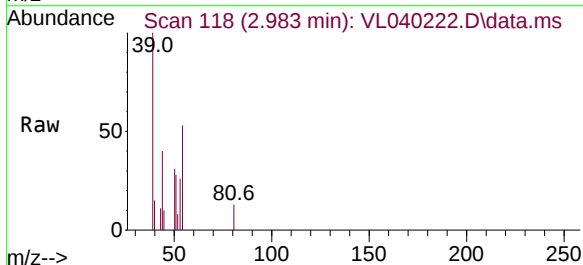
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

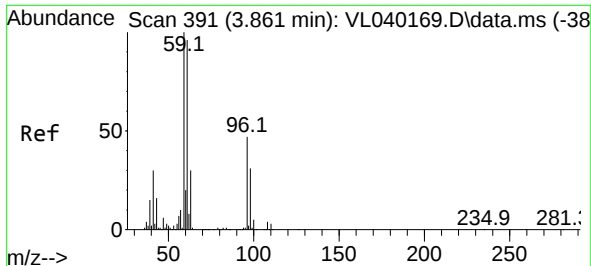
Tgt Ion: 43 Resp: 10251
Ion Ratio Lower Upper
43 100
58 40.7 22.4 33.6#



#16
1,3-Butadiene
Concen: 0.031 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.006 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion: 39 Resp: 1347
Ion Ratio Lower Upper
39 100
54 90.9 66.7 100.1





#17

tert-Butyl alcohol

Concen: 0.000 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.022 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

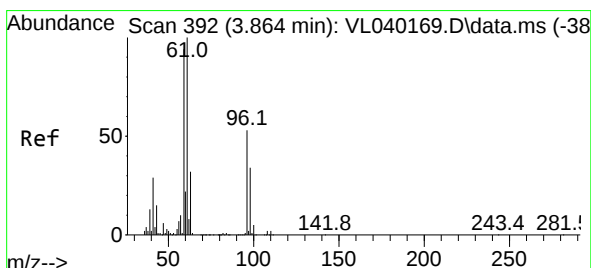
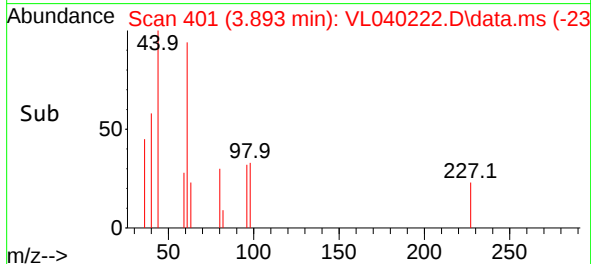
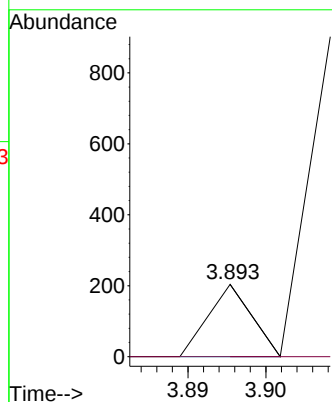
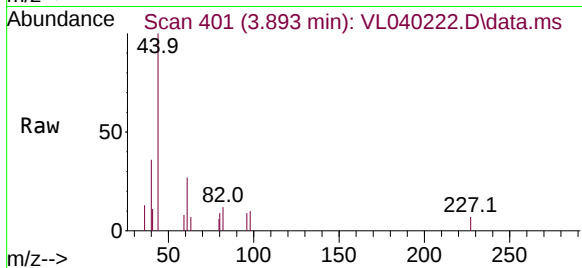
MDL-AIR-03-QT1-2023

Tgt Ion: 59 Resp: 39

Ion Ratio Lower Upper

59 100

57 343.6 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.012 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.003 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

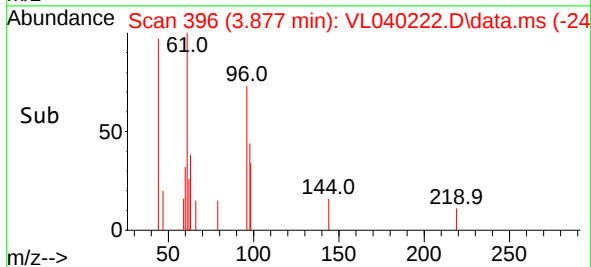
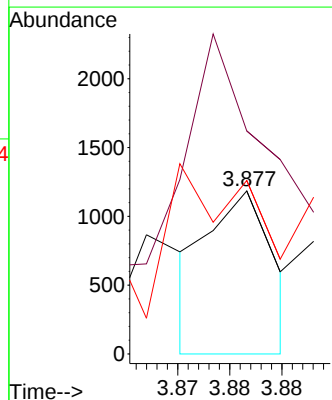
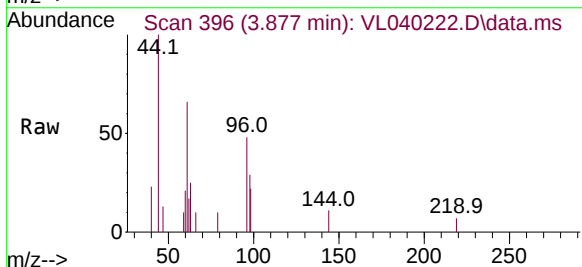
Tgt Ion: 96 Resp: 516

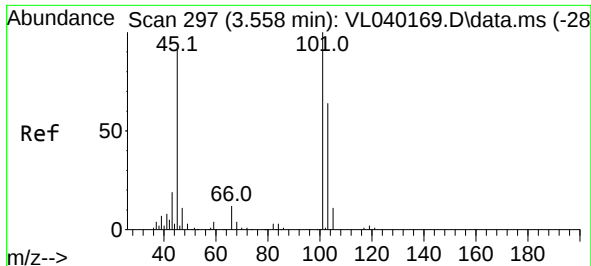
Ion Ratio Lower Upper

96 100

61 59.9 149.6 224.4#

98 97.3 51.1 76.7#





#19

Isopropyl Alcohol

Concen: 0.015 ppbv

RT: 3.594 min Scan# 308

Delta R.T. 0.026 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

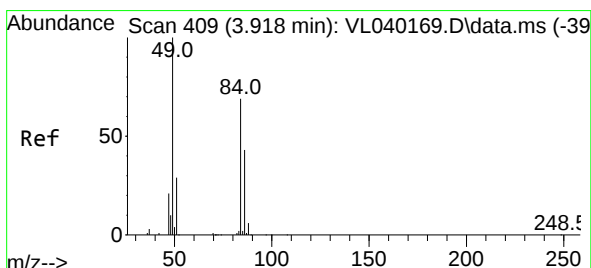
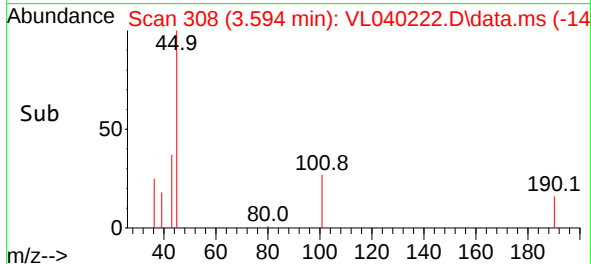
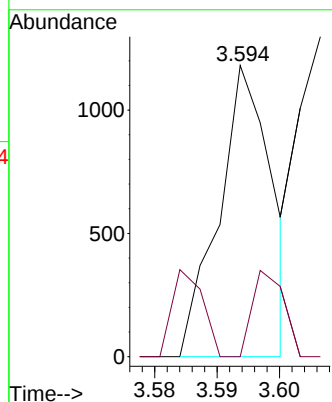
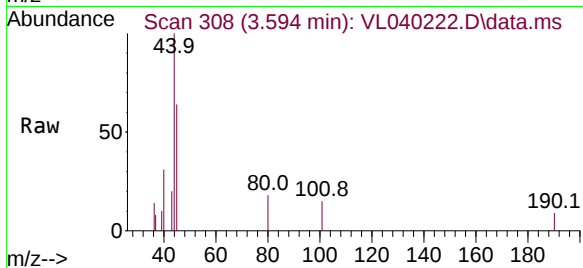
MDL-AIR-03-QT1-2023

Tgt Ion: 45 Resp: 694

Ion Ratio Lower Upper

45 100

58 35.0 2.6 3.8#



#20

Methylene Chloride

Concen: 0.188 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.000 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Tgt Ion: 84 Resp: 9321

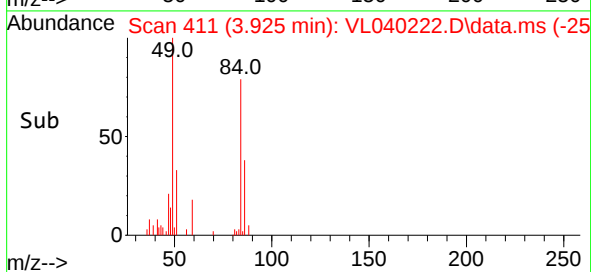
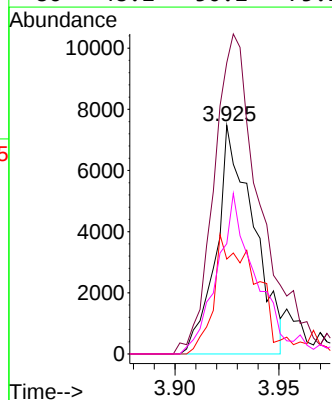
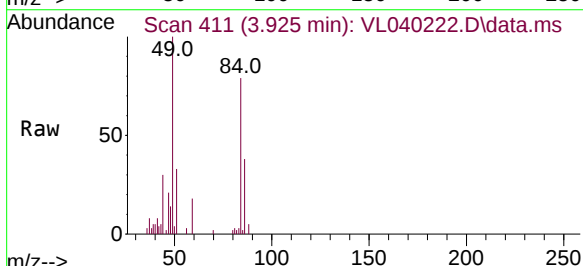
Ion Ratio Lower Upper

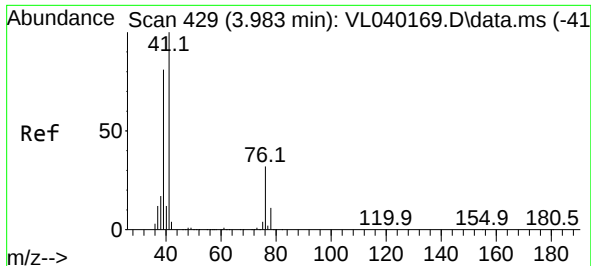
84 100

49 122.5 115.5 173.3

51 41.5 33.1 49.7

86 48.2 50.2 75.2#





#21

Allyl Chloride

Concen: 0.035 ppbv

RT: 3.992 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

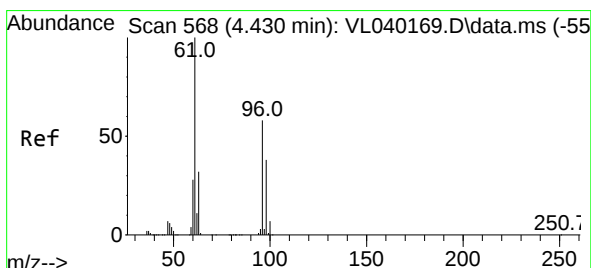
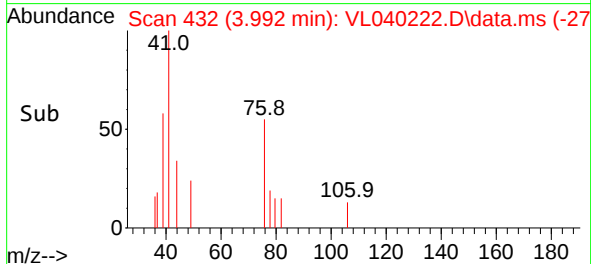
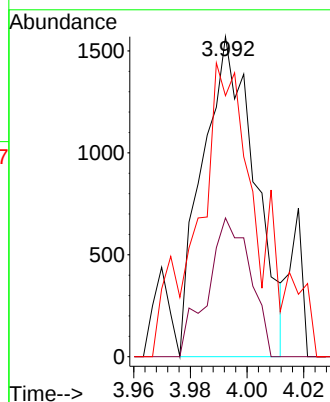
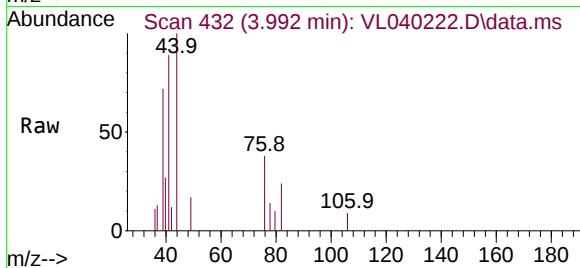
Tgt Ion: 41 Resp: 2017

Ion Ratio Lower Upper

41 100

76 35.2 25.5 38.3

39 108.8 64.5 96.7#



#22

trans-1,2-Dichloroethene

Concen: 0.012 ppbv

RT: 4.449 min Scan# 574

Delta R.T. 0.010 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

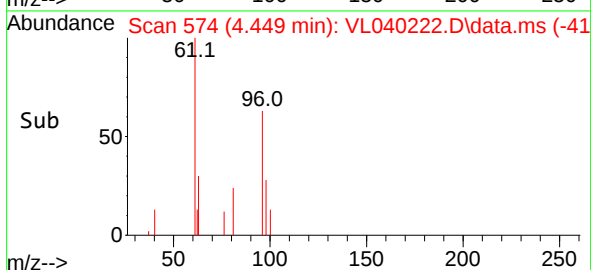
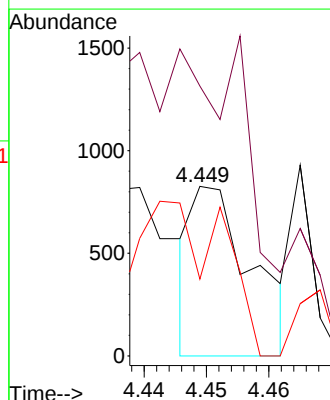
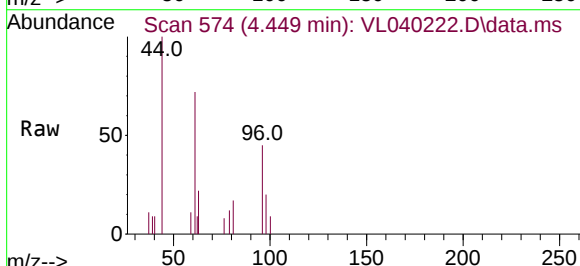
Tgt Ion: 96 Resp: 545

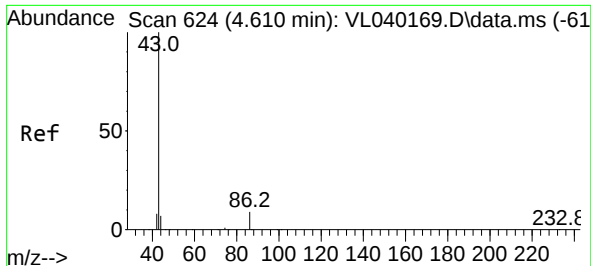
Ion Ratio Lower Upper

96 100

61 191.6 137.5 206.3

98 78.9 52.8 79.2

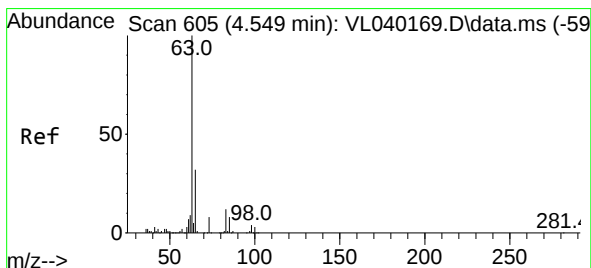
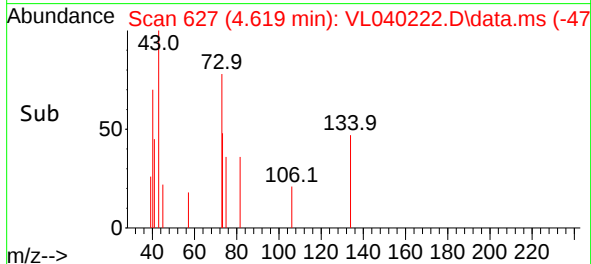
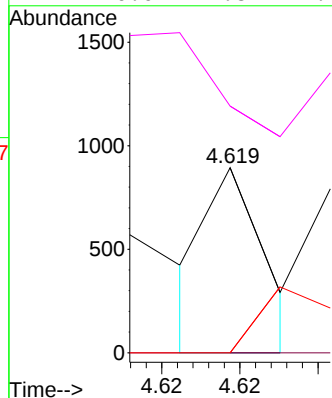
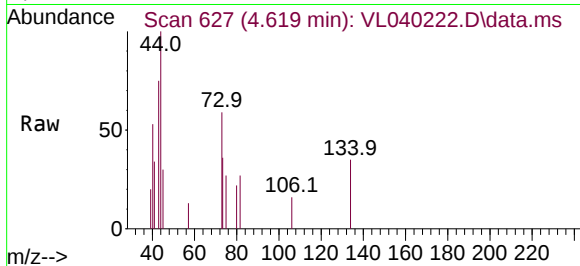




#23
 Vinyl Acetate
 Concen: 0.008 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL040222.D
 Acq: 23 Feb 2023 14:26

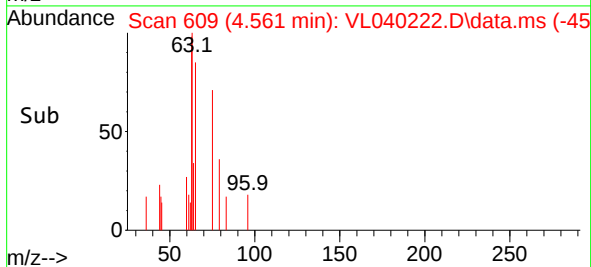
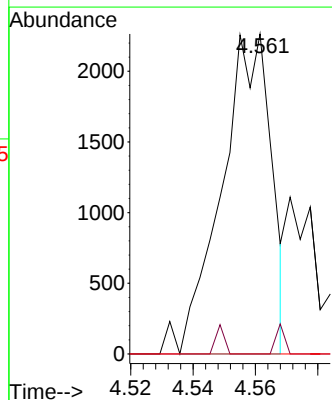
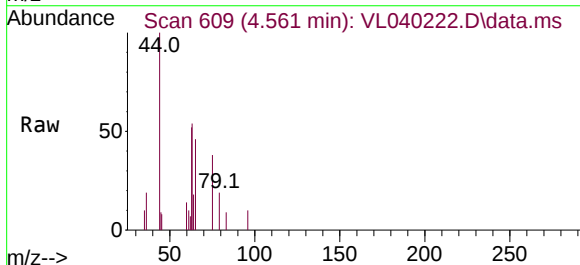
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2023

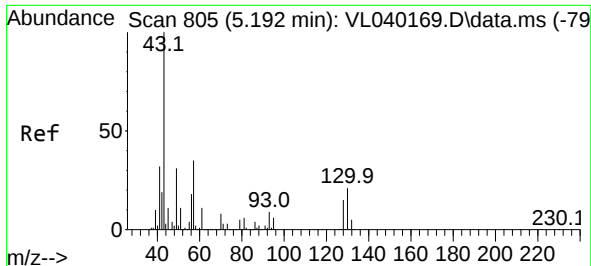
Tgt Ion: 43 Resp: 228
 Ion Ratio Lower Upper
 43 100
 86 0.0 5.6 8.4#
 42 0.0 7.6 11.4#
 44 0.0 4.8 7.2#



#24
 1,1-Dichloroethane
 Concen: 0.028 ppbv
 RT: 4.561 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040222.D
 Acq: 23 Feb 2023 14:26

Tgt Ion: 63 Resp: 2488
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.3 6.8#
 100 0.0 1.4 4.0#





#25

Ethyl Acetate

Concen: 0.013 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.010 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

Tgt Ion: 43 Resp: 2226

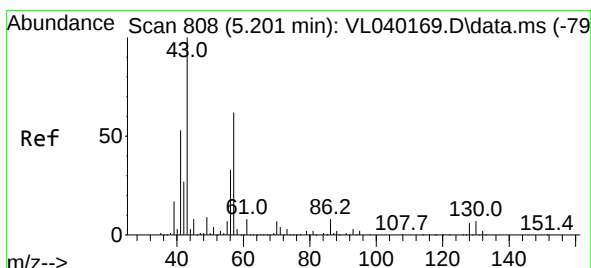
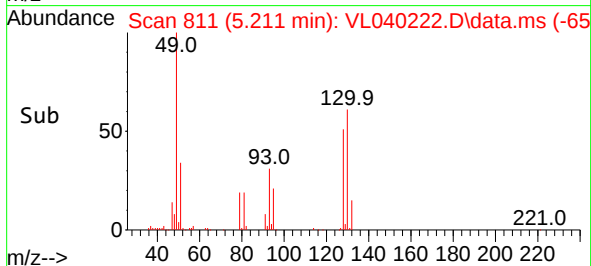
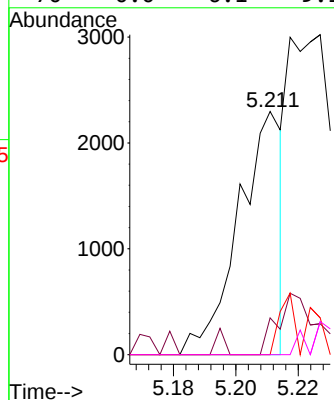
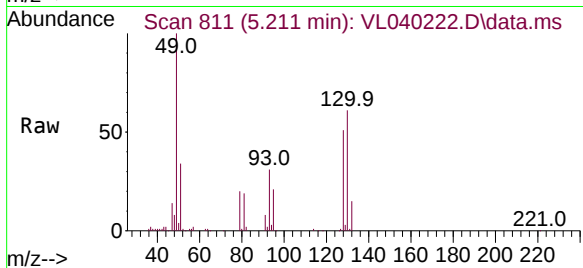
Ion Ratio Lower Upper

43 100

45 5.0 8.3 12.5#

61 0.0 8.4 12.6#

70 0.0 6.1 9.1#



#26

Hexane

Concen: 0.019 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.003 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Tgt Ion: 57 Resp: 1451

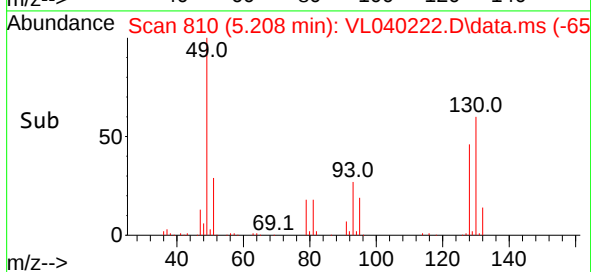
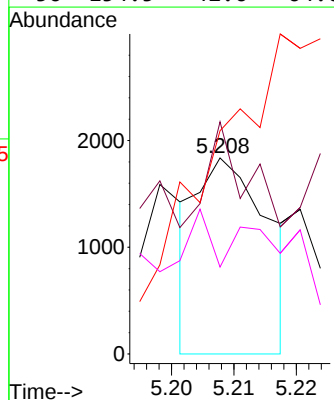
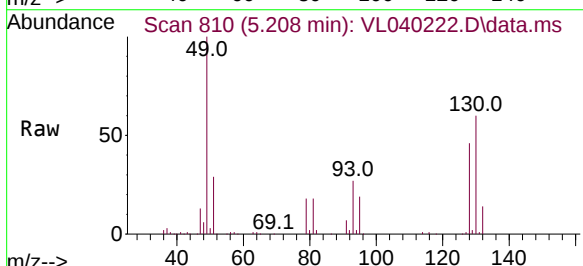
Ion Ratio Lower Upper

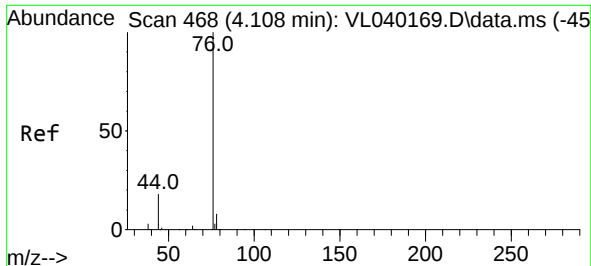
57 100

41 264.6 74.3 111.5#

43 0.0 193.0 289.4#

56 154.5 42.6 64.0#





#27

Carbon Disulfide

Concen: 0.012 ppbv

RT: 4.124 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040222.D

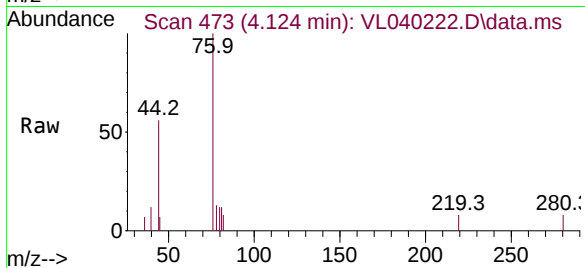
Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023



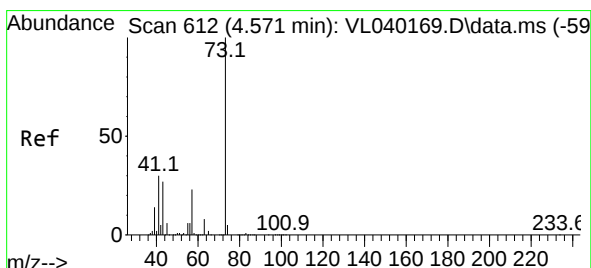
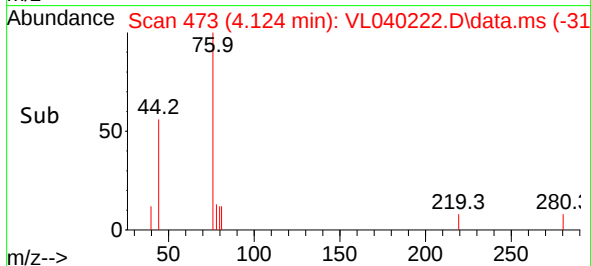
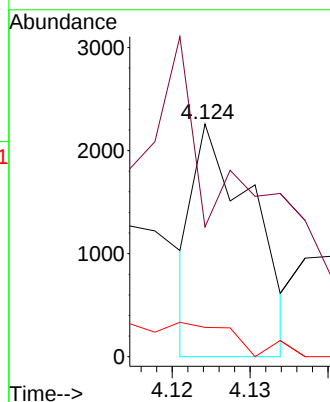
Tgt Ion: 76 Resp: 1167

Ion Ratio Lower Upper

76 100

44 220.4 15.3 22.9#

78 26.6 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.005 ppbv

RT: 4.587 min Scan# 617

Delta R.T. 0.006 min

Lab File: VL040222.D

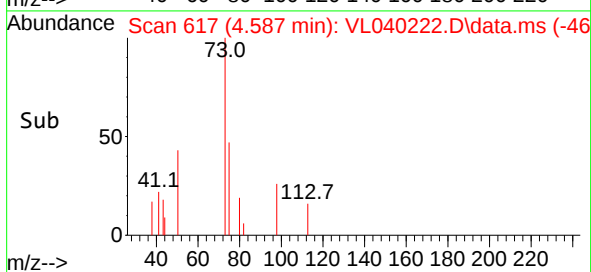
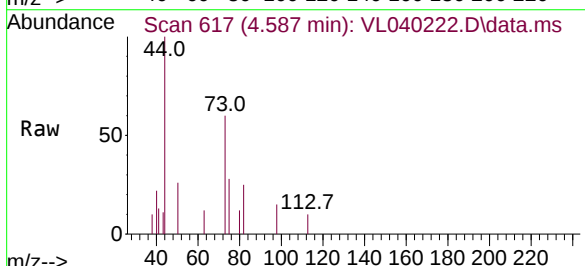
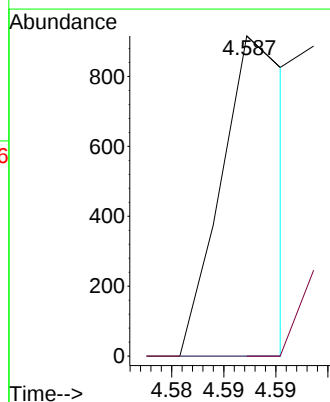
Acq: 23 Feb 2023 14:26

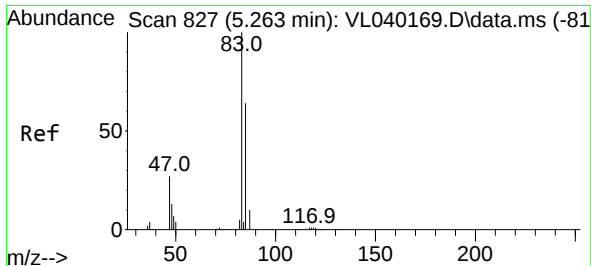
Tgt Ion: 73 Resp: 408

Ion Ratio Lower Upper

73 100

57 0.0 18.8 28.2#





#29

Chloroform

Concen: 0.013 ppbv

RT: 5.262 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

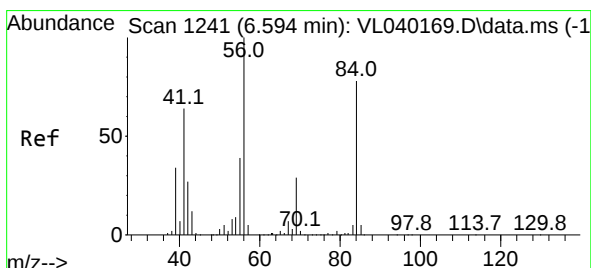
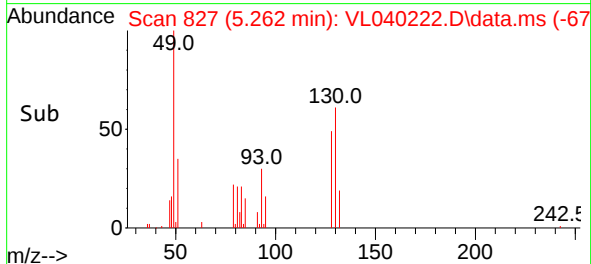
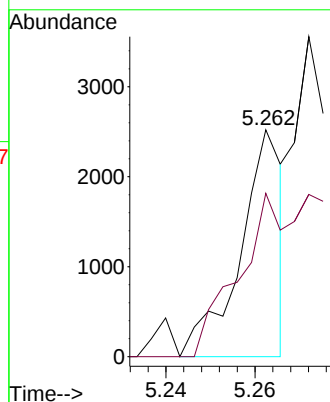
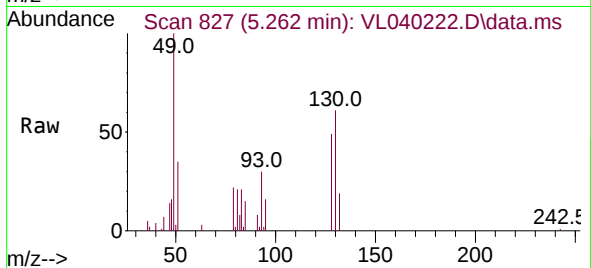
MDL-AIR-03-QT1-2023

Tgt Ion: 83 Resp: 1667

Ion Ratio Lower Upper

83 100

85 72.0 51.5 77.3



#30

Cyclohexane

Concen: 0.004 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

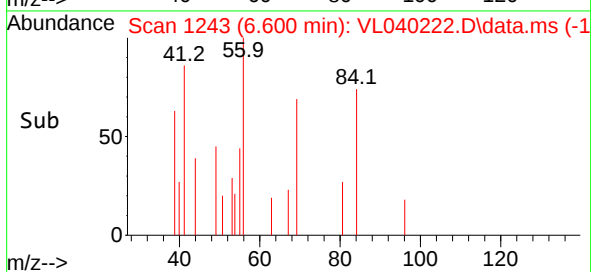
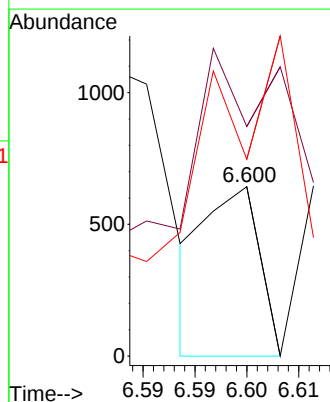
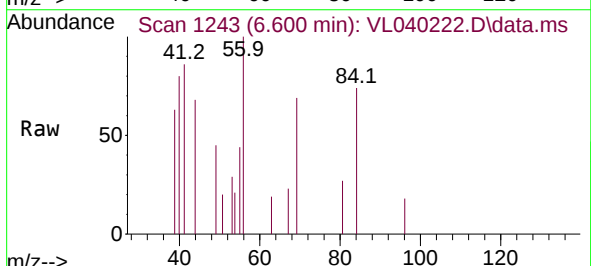
Tgt Ion: 84 Resp: 230

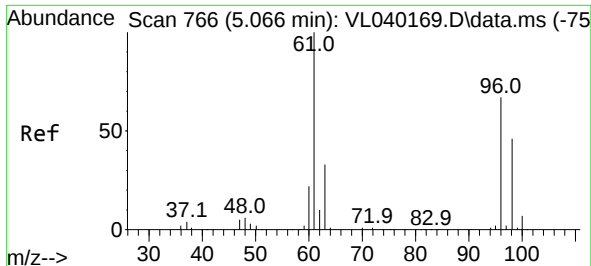
Ion Ratio Lower Upper

84 100

56 0.0 109.9 164.9#

41 0.0 67.8 101.6#

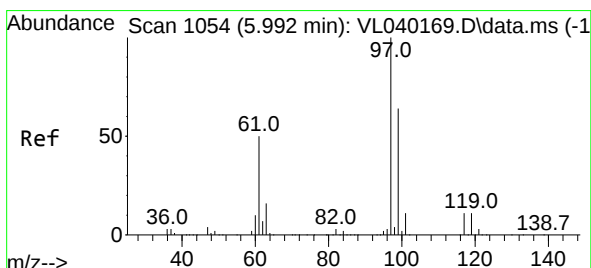
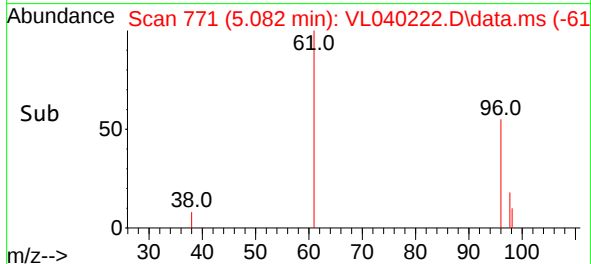
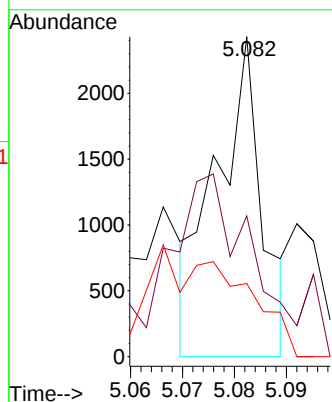
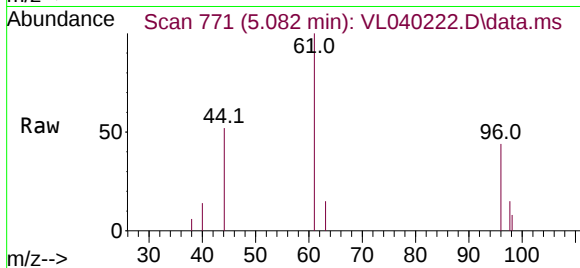




#31
 cis-1,2-Dichloroethene
 Concen: 0.021 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL040222.D
 Acq: 23 Feb 2023 14:26

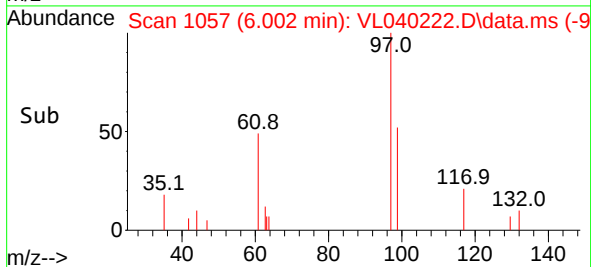
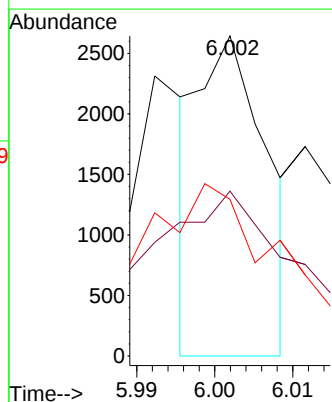
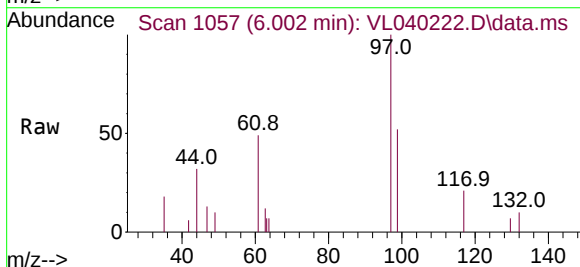
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2023

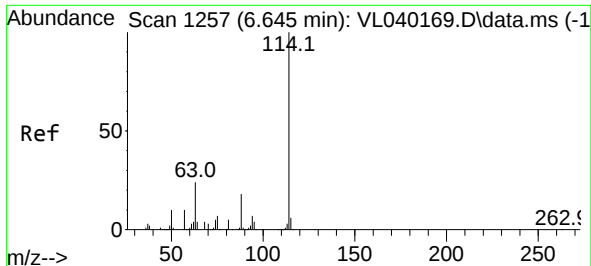
Tgt Ion: 61 Resp: 1497
 Ion Ratio Lower Upper
 61 100
 96 38.8 53.7 80.5#
 98 12.9 36.4 54.6#



#32
 1,1,1-Trichloroethane
 Concen: 0.013 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VL040222.D
 Acq: 23 Feb 2023 14:26

Tgt Ion: 97 Resp: 1589
 Ion Ratio Lower Upper
 97 100
 99 133.9 51.5 77.3#
 61 141.0 40.6 60.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

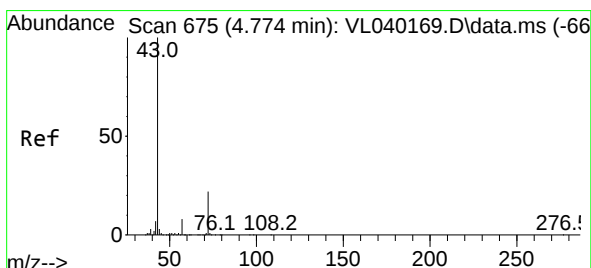
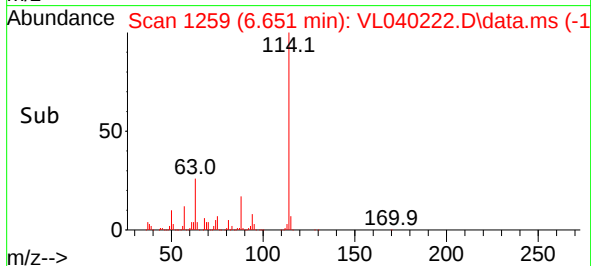
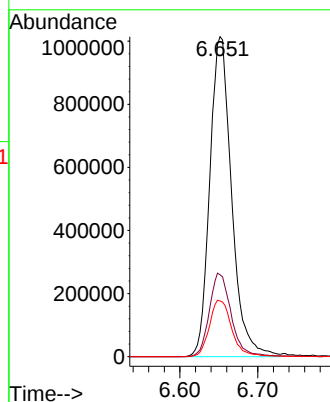
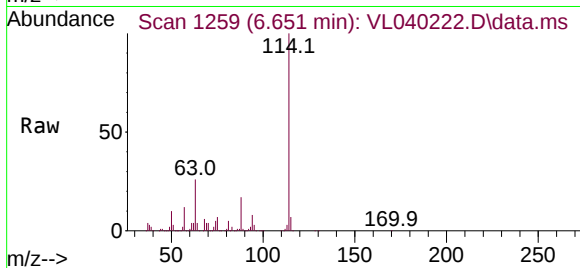
Tgt Ion:114 Resp: 1973279

Ion Ratio Lower Upper

114 100

63 26.3 20.4 30.6

88 18.1 14.3 21.5



#34

2-Butanone

Concen: 0.000 ppbv

RT: 4.754 min Scan# 669

Delta R.T. -0.026 min

Lab File: VL040222.D

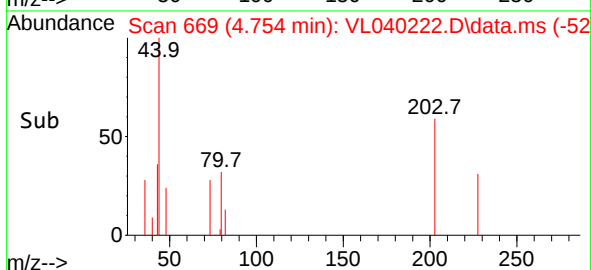
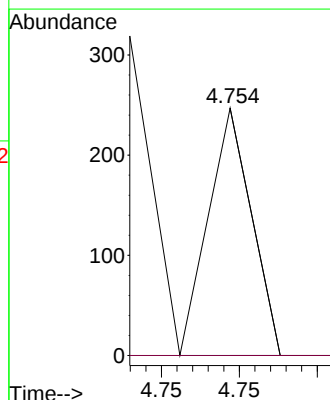
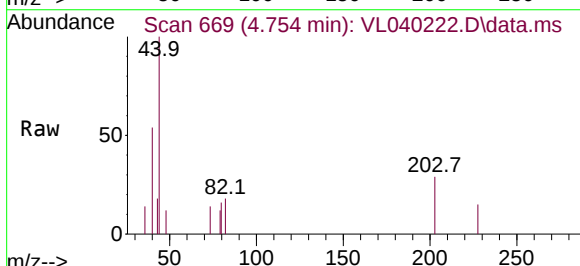
Acq: 23 Feb 2023 14:26

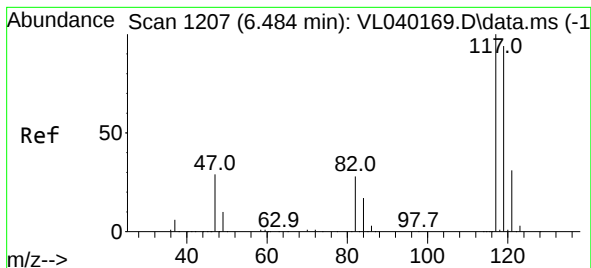
Tgt Ion: 43 Resp: 48

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.8#





#35

Carbon Tetrachloride

Concen: 0.026 ppbv

RT: 6.500 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

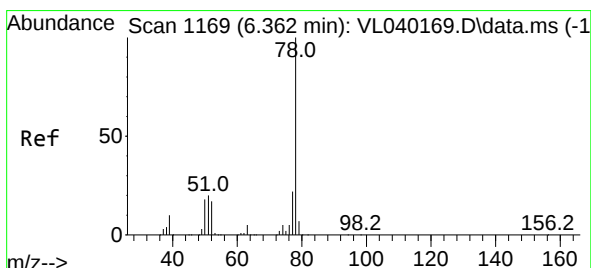
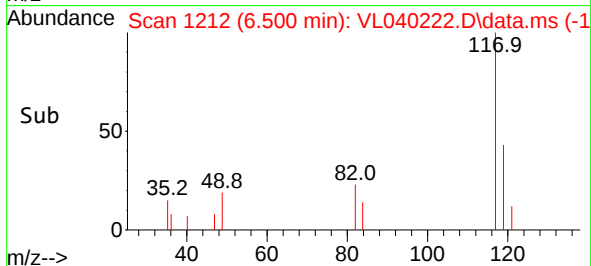
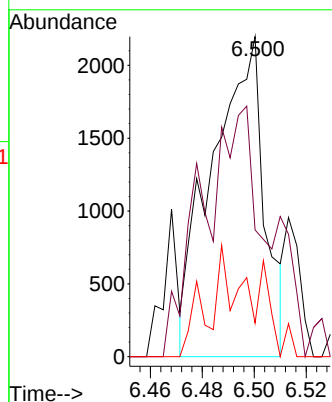
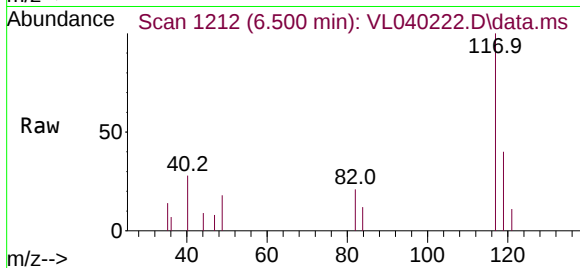
Tgt Ion:117 Resp: 3052

Ion Ratio Lower Upper

117 100

119 31.2 75.0 112.6#

121 12.2 25.0 37.4#



#36

Benzene

Concen: 0.015 ppbv

RT: 6.368 min Scan# 1171

Delta R.T. -0.003 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

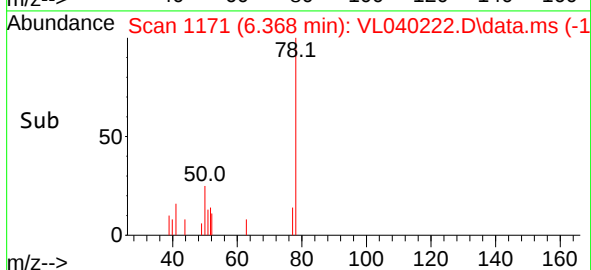
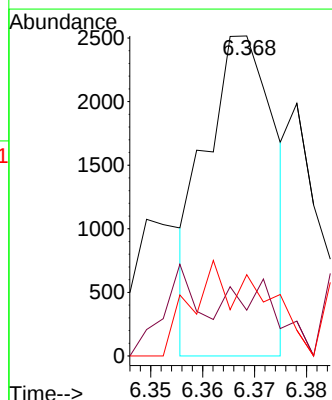
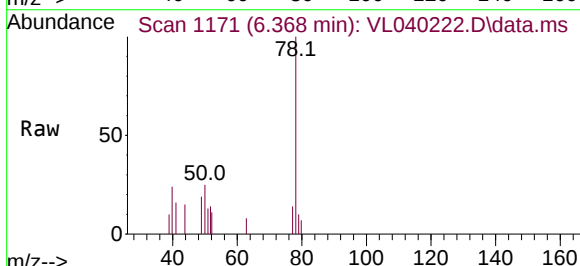
Tgt Ion: 78 Resp: 2323

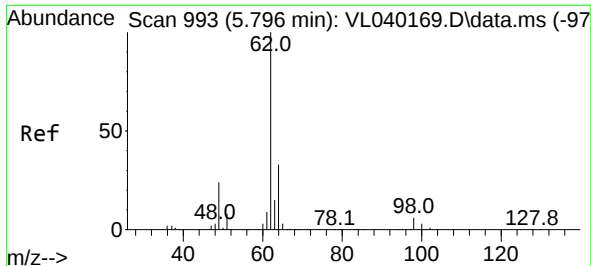
Ion Ratio Lower Upper

78 100

77 9.6 17.5 26.3#

50 10.6 14.6 22.0#





#37

1,2-Dichloroethane

Concen: 0.014 ppbv

RT: 5.803 min Scan# 995

Delta R.T. -0.003 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

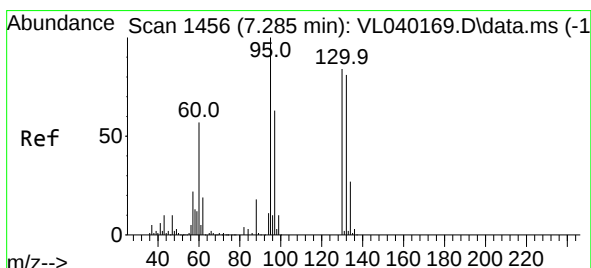
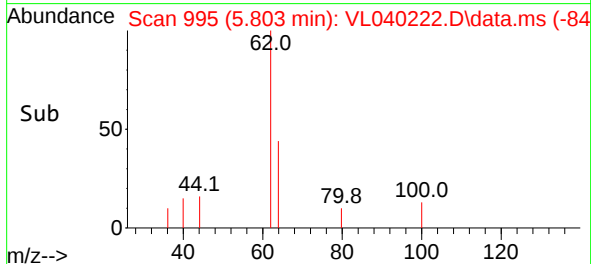
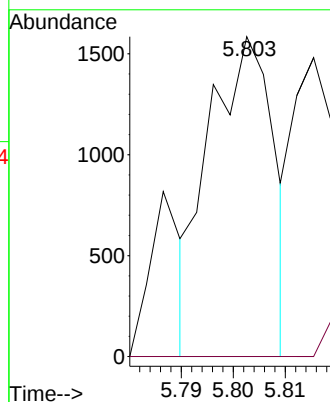
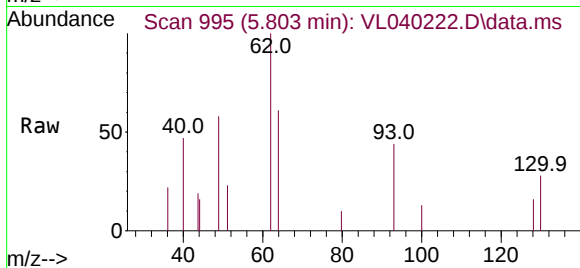
MDL-AIR-03-QT1-2023

Tgt Ion: 62 Resp: 1369

Ion Ratio Lower Upper

62 100

98 0.0 4.7 7.1#



#38

Trichloroethene

Concen: 0.010 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. -0.000 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Tgt Ion:130 Resp: 834

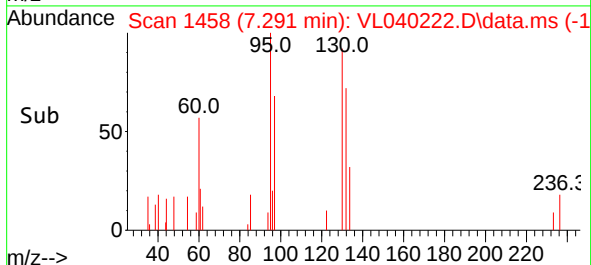
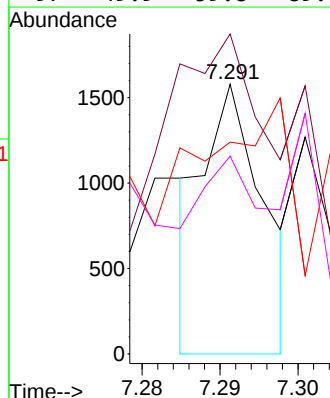
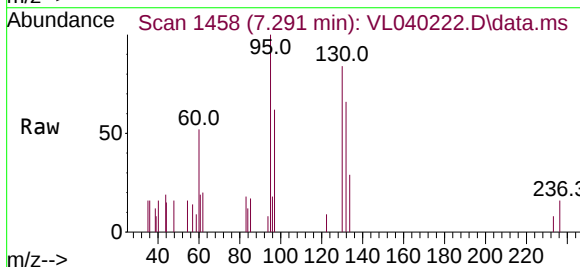
Ion Ratio Lower Upper

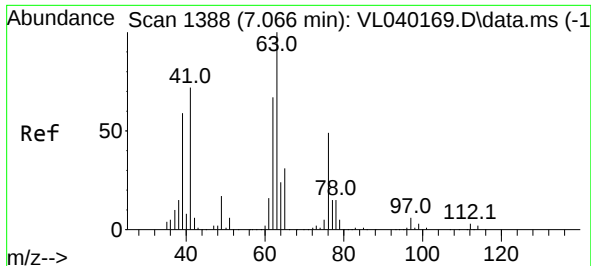
130 100

95 86.5 94.7 142.1#

132 4.0 76.4 114.6#

97 49.9 59.8 89.6#





#39

1,2-Dichloropropane

Concen: 8.579 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.428 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

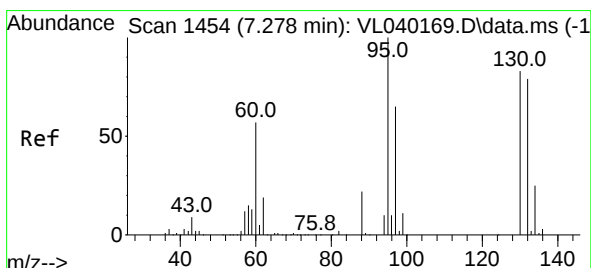
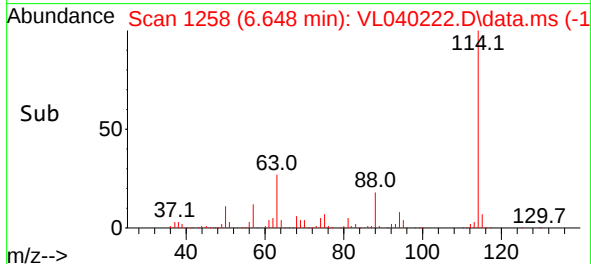
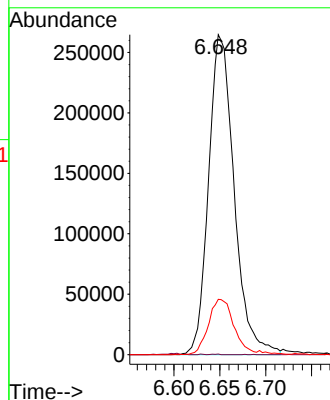
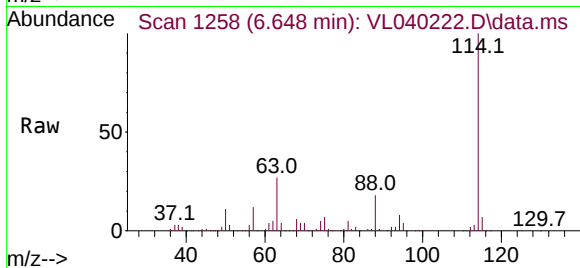
Tgt Ion: 63 Resp: 512491

Ion Ratio Lower Upper

63 100

41 0.2 57.6 86.4#

62 17.2 54.0 81.0#



#40

1,4-Dioxane

Concen: 0.004 ppbv

RT: 7.323 min Scan# 1468

Delta R.T. 0.035 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Tgt Ion: 88 Resp: 87

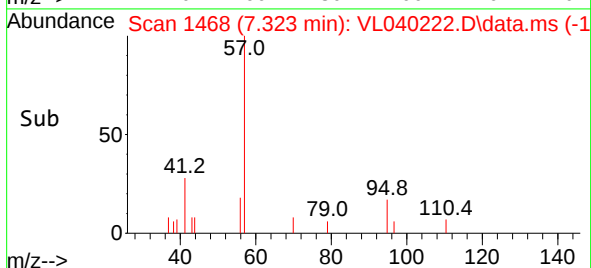
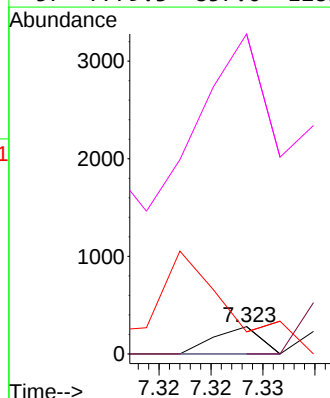
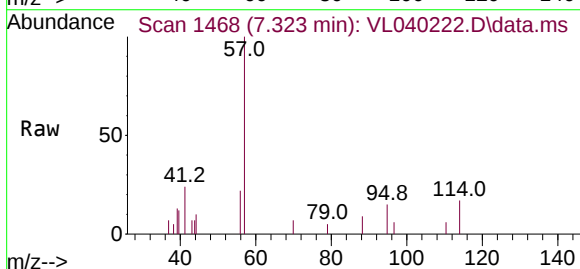
Ion Ratio Lower Upper

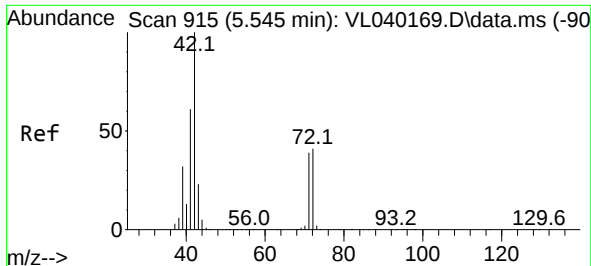
88 100

58 0.0 97.4 146.0#

43 654.0 193.5 290.3#

57 7779.3 857.0 1285.6#





#41

Tetrahydrofuran

Concen: 0.001 ppbv

RT: 5.584 min Scan# 915

Delta R.T. 0.029 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

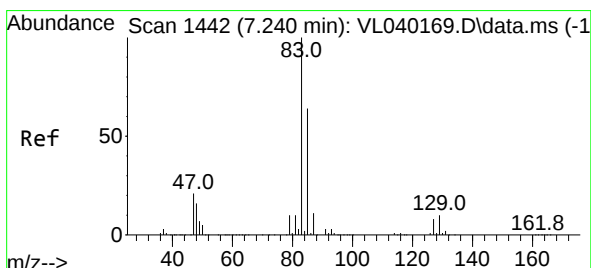
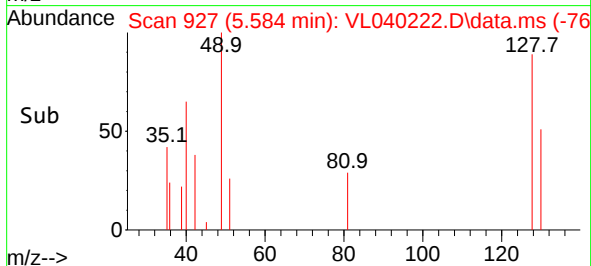
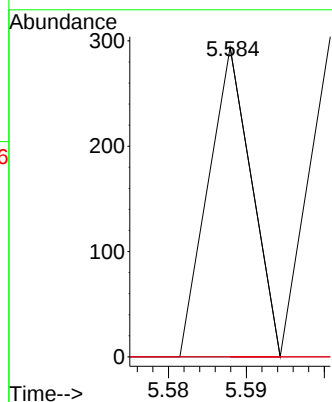
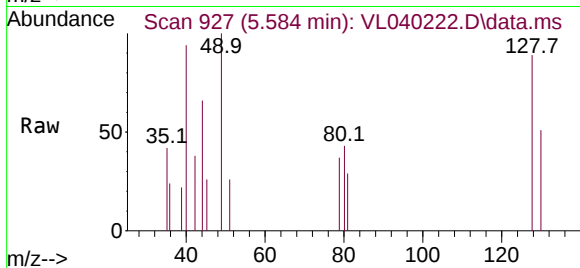
Tgt Ion: 42 Resp: 57

Ion Ratio Lower Upper

42 100

72 0.0 33.0 49.4#

71 0.0 31.4 47.2#



#42

Bromodichloromethane

Concen: 0.022 ppbv

RT: 7.249 min Scan# 1445

Delta R.T. -0.003 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

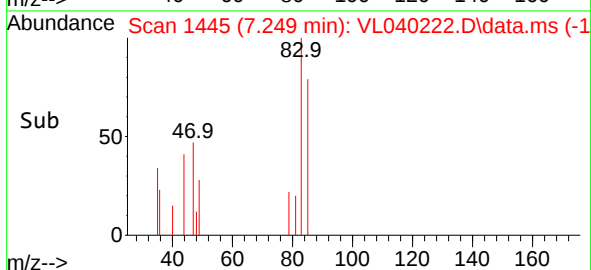
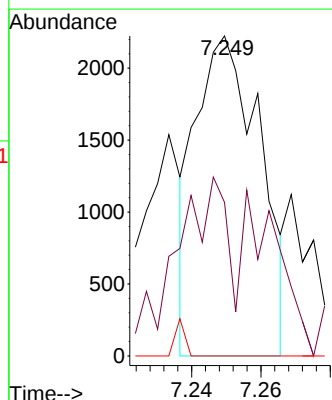
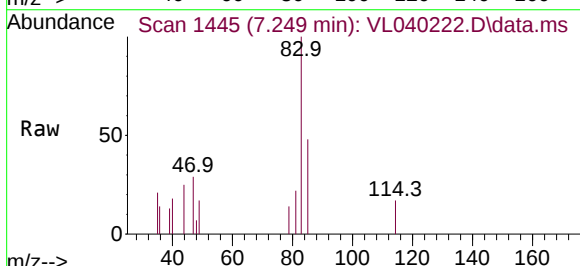
Tgt Ion: 83 Resp: 2877

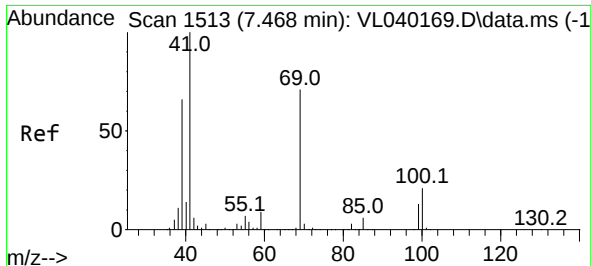
Ion Ratio Lower Upper

83 100

85 24.0 50.9 76.3#

127 0.0 6.2 9.2#

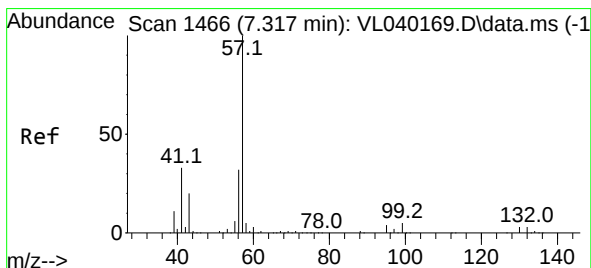
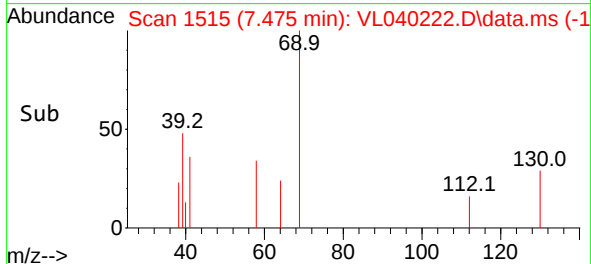
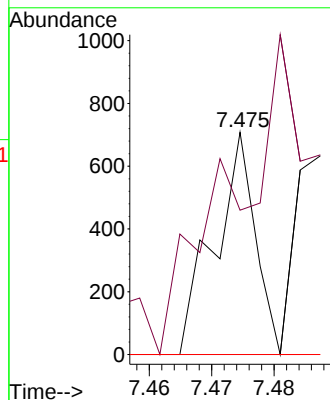
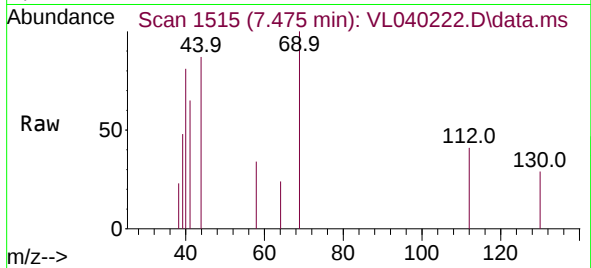




#43
Methyl Methacrylate
Concen: 0.006 ppbv
RT: 7.475 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

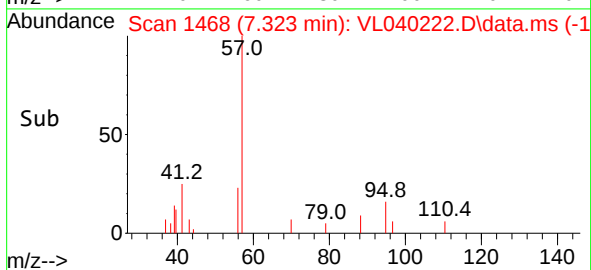
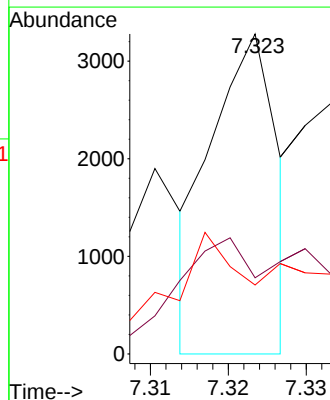
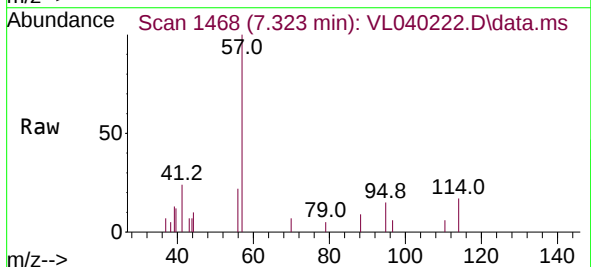
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

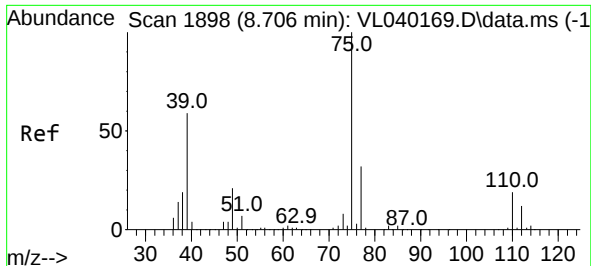
Tgt Ion: 69 Resp: 320
Ion Ratio Lower Upper
69 100
41 0.0 116.6 174.8#
100 0.0 25.6 38.4#



#44
2,2,4-Trimethylpentane
Concen: 0.008 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. -0.006 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion: 57 Resp: 1934
Ion Ratio Lower Upper
57 100
41 125.7 26.2 39.4#
56 105.7 24.9 37.3#





#45

t-1,3-Dichloropropene

Concen: 0.005 ppbv

RT: 8.703 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

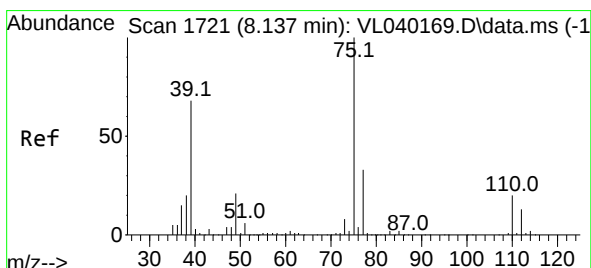
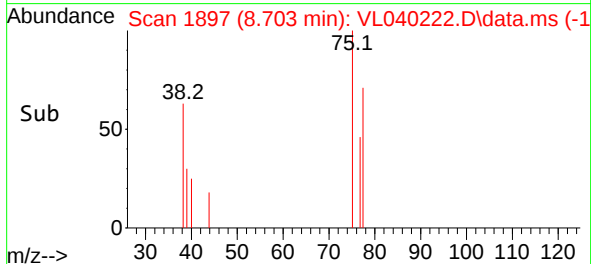
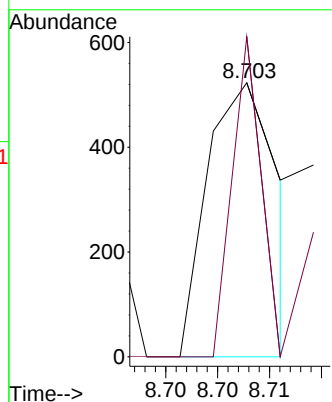
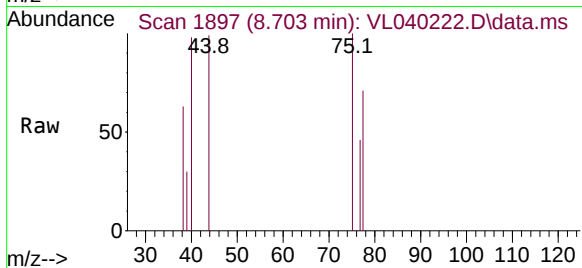
MDL-AIR-03-QT1-2023

Tgt Ion: 75 Resp: 249

Ion Ratio Lower Upper

75 100

77 116.8 25.7 38.5#



#46

cis-1,3-Dichloropropene

Concen: 0.015 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

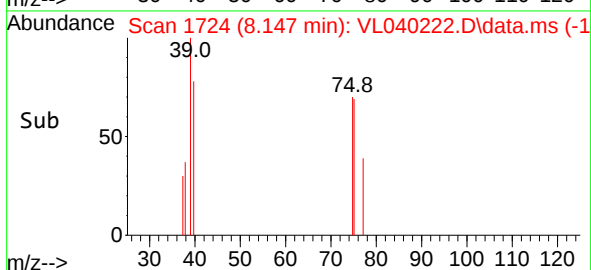
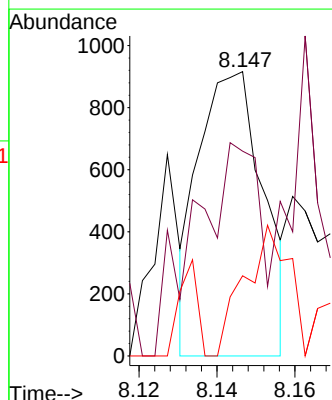
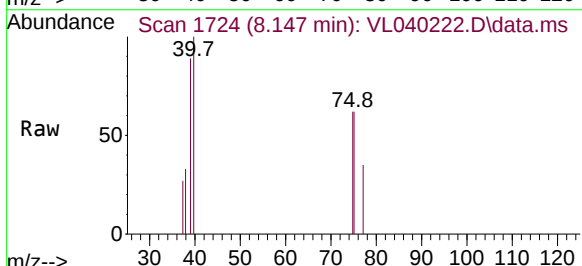
Tgt Ion: 75 Resp: 1056

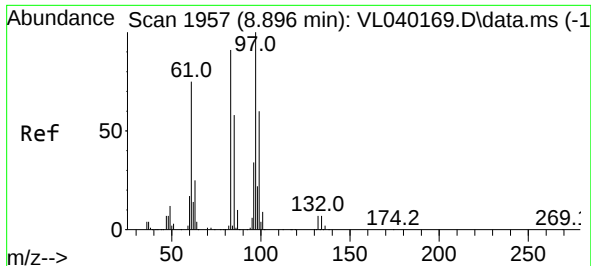
Ion Ratio Lower Upper

75 100

39 213.7 54.2 81.2#

77 8.8 26.0 39.0#





#47

1,1,2-Trichloroethane

Concen: 0.024 ppbv

RT: 8.899 min Scan# 1957

Delta R.T. -0.006 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

Tgt Ion: 97 Resp: 1582

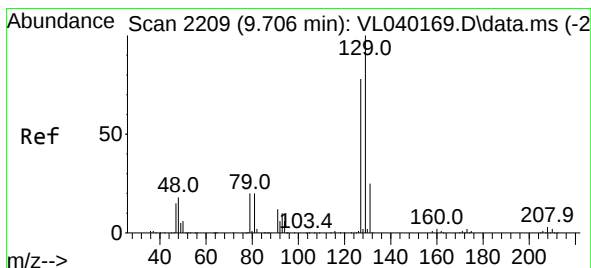
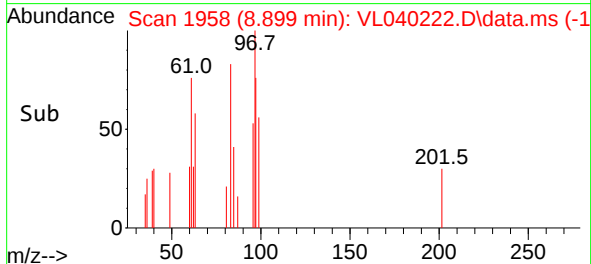
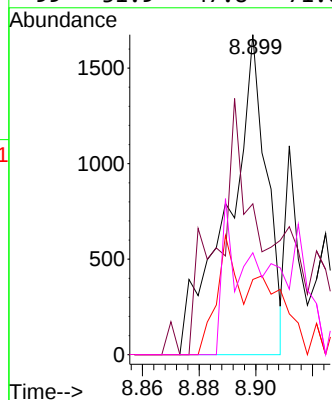
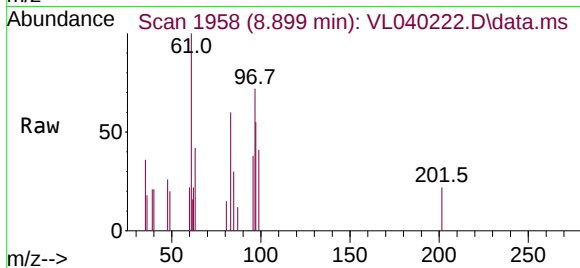
Ion Ratio Lower Upper

97 100

83 47.2 72.8 109.2#

85 23.5 46.6 69.8#

99 31.9 47.8 71.6#



#48

Dibromochloromethane

Concen: 0.001 ppbv

RT: 9.741 min Scan# 2220

Delta R.T. 0.026 min

Lab File: VL040222.D

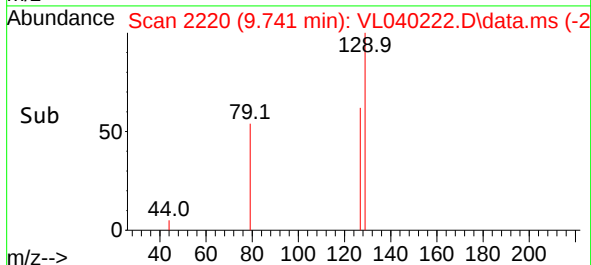
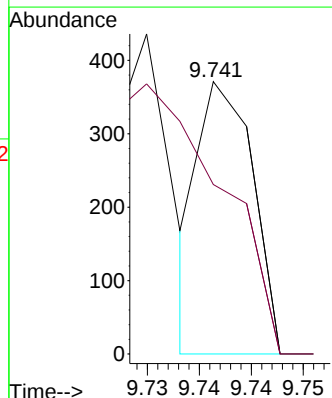
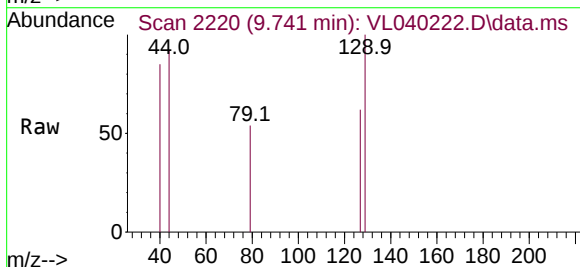
Acq: 23 Feb 2023 14:26

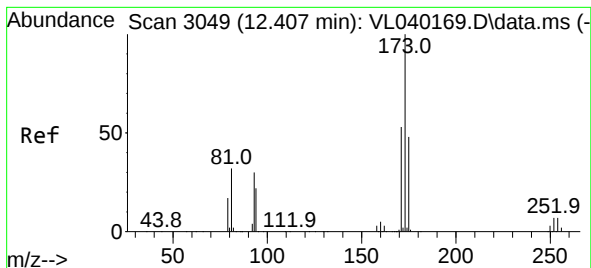
Tgt Ion: 129 Resp: 131

Ion Ratio Lower Upper

129 100

127 49.6 39.1 117.2





#49

Bromoform

Concen: 0.004 ppbv

RT: 12.404 min Scan# 3049

Delta R.T. -0.010 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

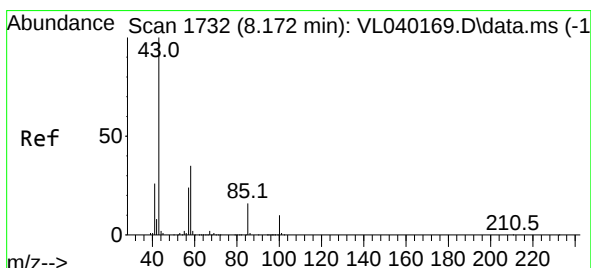
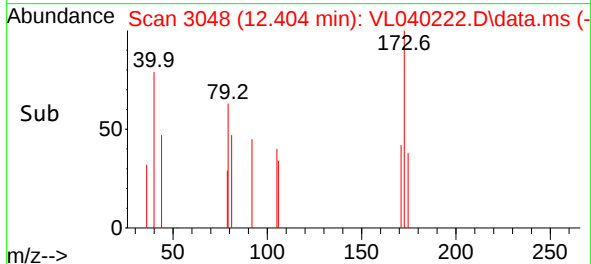
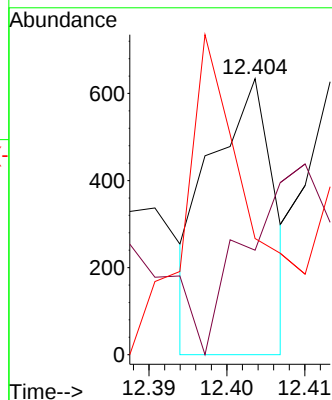
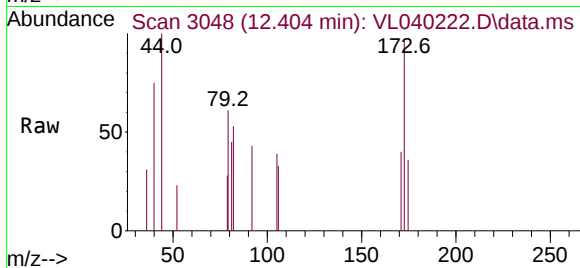
Tgt Ion:173 Resp: 361

Ion Ratio Lower Upper

173 100

175 0.0 39.4 59.0#

171 272.6 41.8 62.6#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

RT: 8.175 min Scan# 1733

Delta R.T. -0.006 min

Lab File: VL040222.D

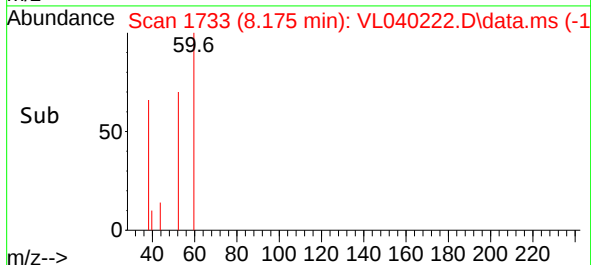
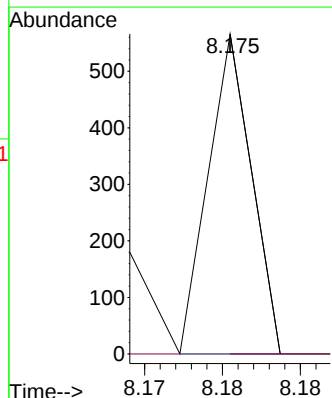
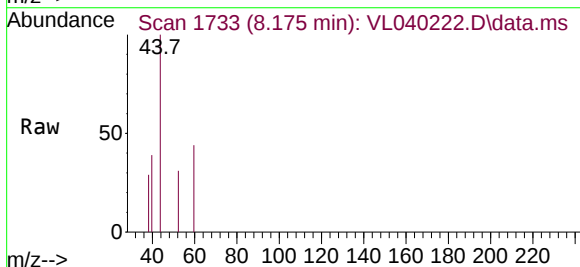
Acq: 23 Feb 2023 14:26

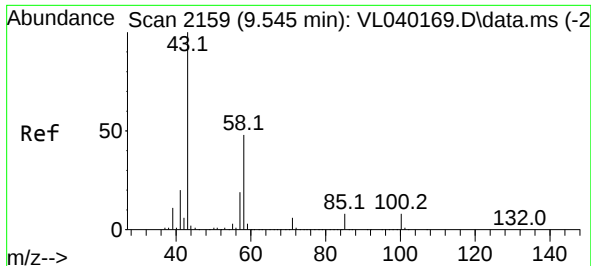
Tgt Ion: 43 Resp: 109

Ion Ratio Lower Upper

43 100

58 0.0 29.2 43.8#

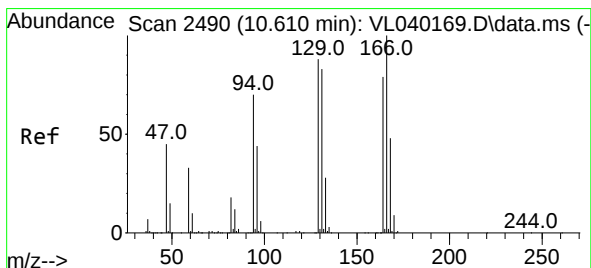
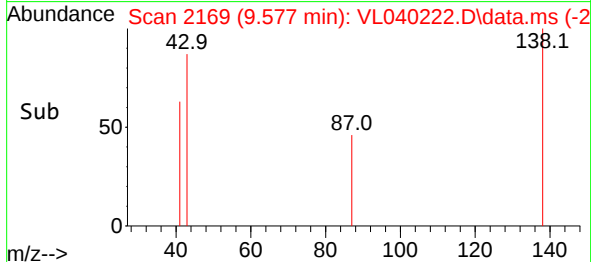
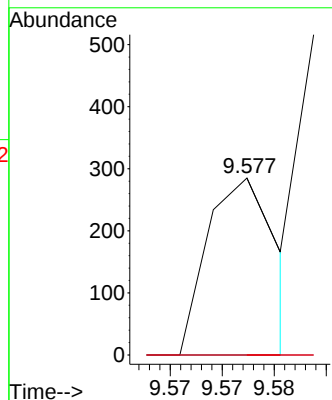
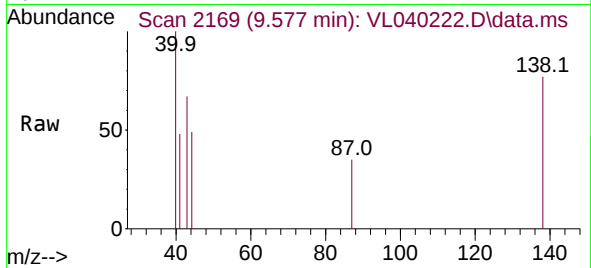




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.577 min Scan# 2159
Delta R.T. 0.022 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

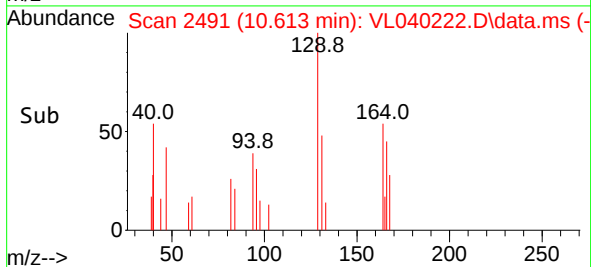
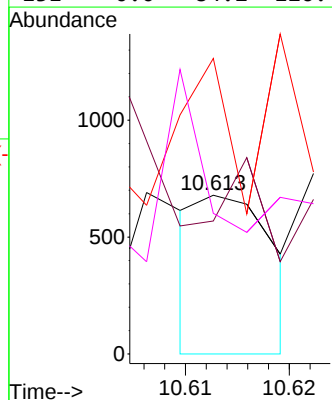
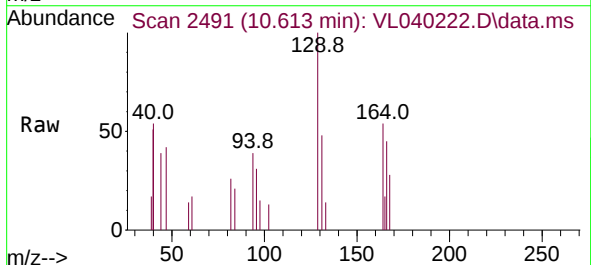
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

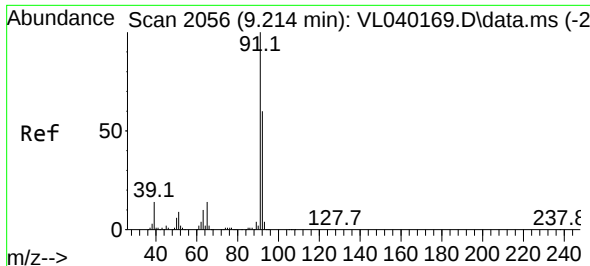
Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
58 0.0 39.1 58.7#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.007 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.006 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion: 164 Resp: 337
Ion Ratio Lower Upper
164 100
166 69.0 101.5 152.3#
129 95.6 89.0 133.4
131 0.0 84.2 126.4#

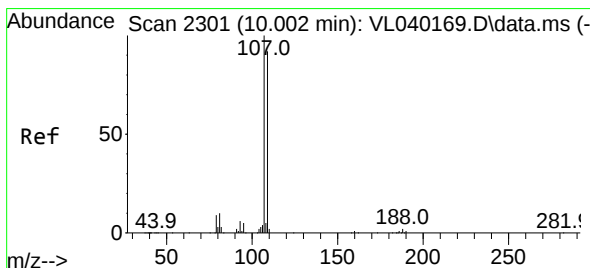
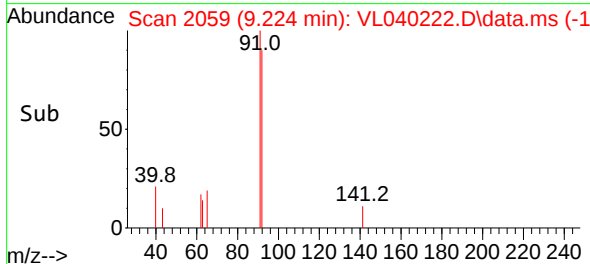
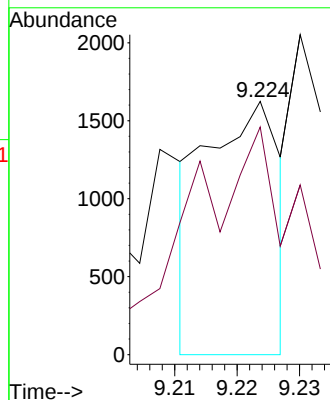
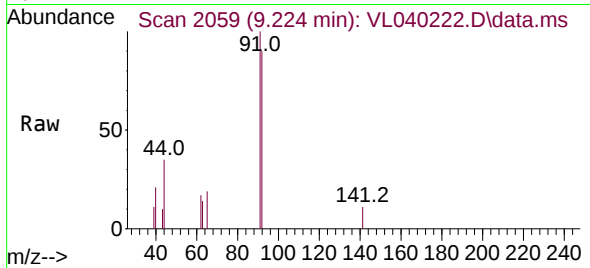




#53
Toluene
Concen: 0.008 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. -0.003 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

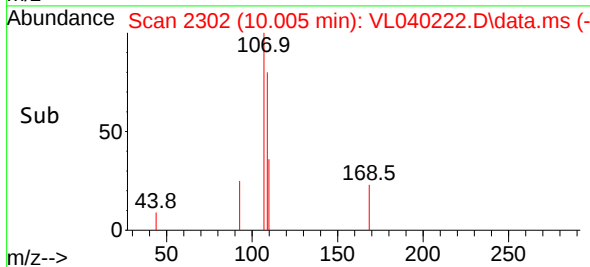
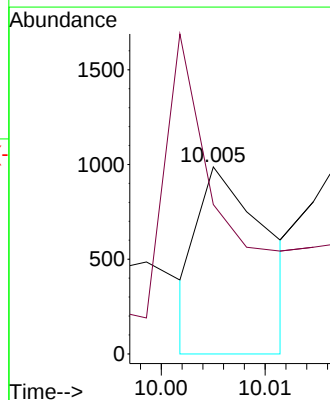
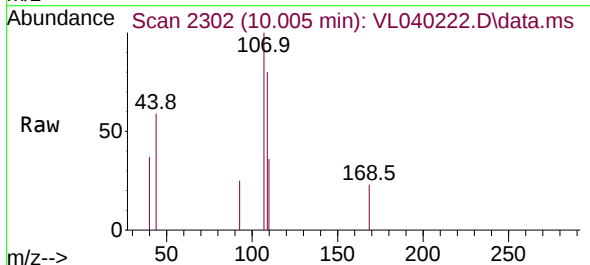
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

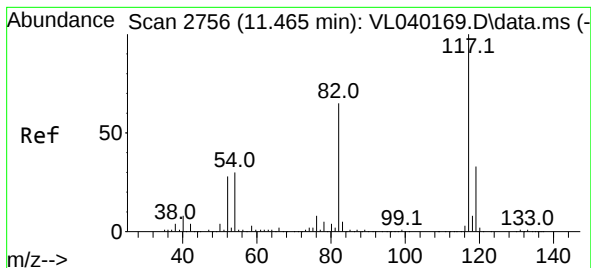
Tgt Ion: 91 Resp: 1341
Ion Ratio Lower Upper
91 100
92 166.1 48.9 73.3#



#54
1,2-Dibromoethane
Concen: 0.007 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.010 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion: 107 Resp: 451
Ion Ratio Lower Upper
107 100
109 41.2 73.8 110.8#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2756

Delta R.T. -0.006 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

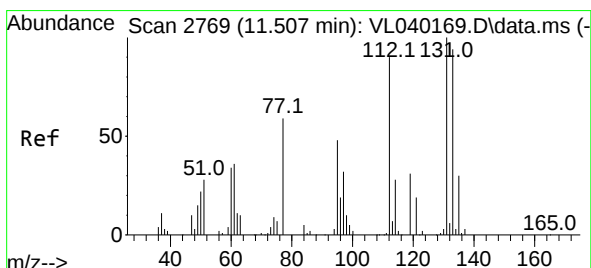
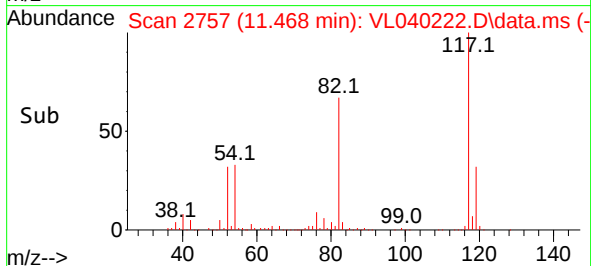
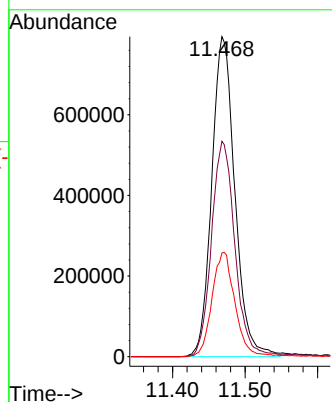
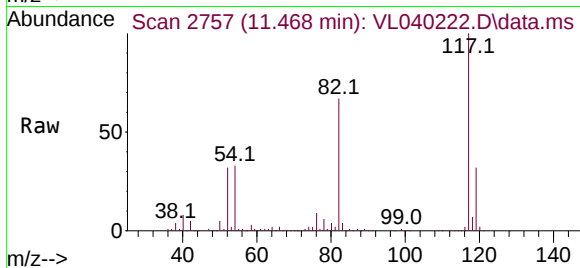
Tgt Ion:117 Resp: 1756756

Ion Ratio Lower Upper

117 100

82 69.0 53.3 79.9

119 32.7 24.6 37.0



#56

1,1,1,2-Tetrachloroethane

Concen: 0.007 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. -0.010 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

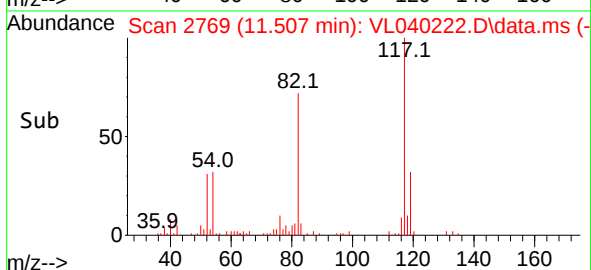
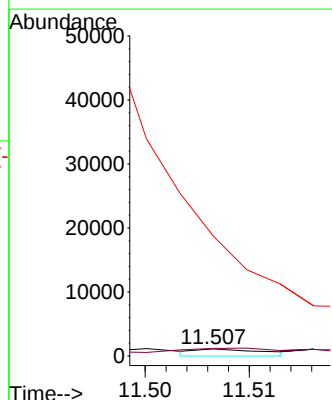
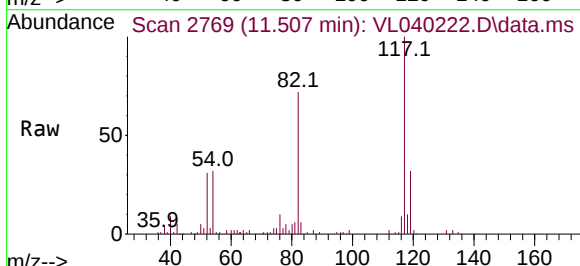
Tgt Ion:131 Resp: 484

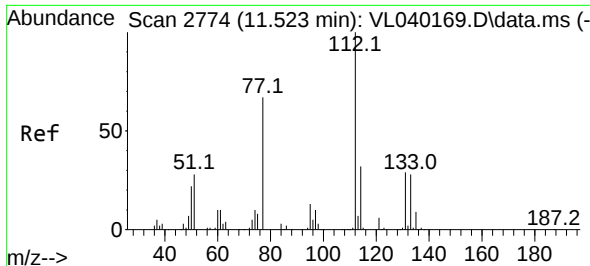
Ion Ratio Lower Upper

131 100

133 473.8 76.2 114.2#

119 0.0 45.4 68.0#

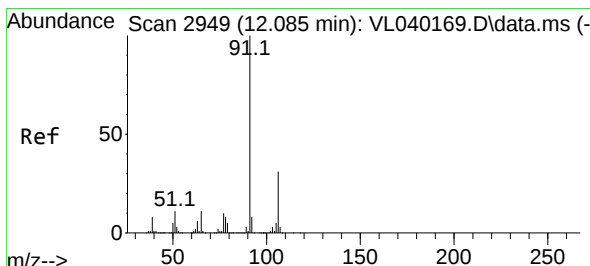
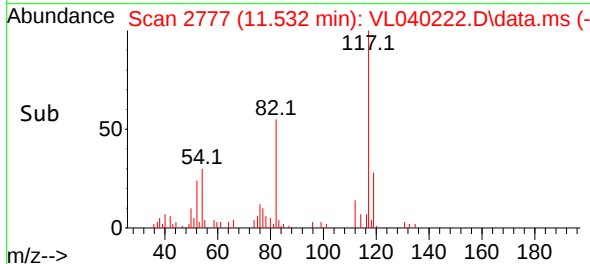
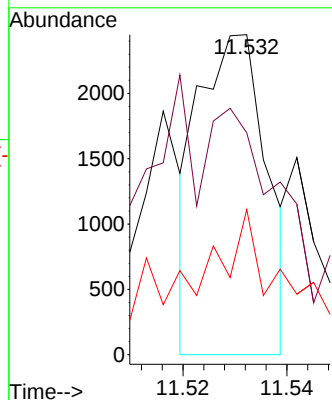
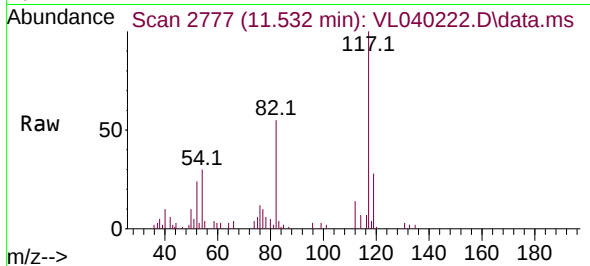




#57
Chlorobenzene
Concen: 0.017 ppbv
RT: 11.532 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

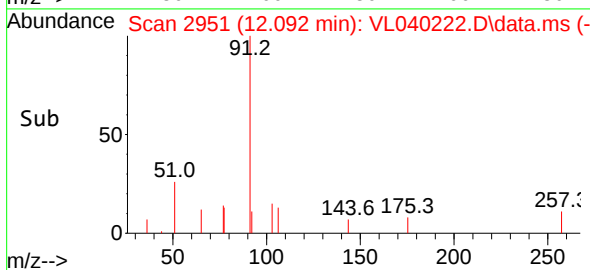
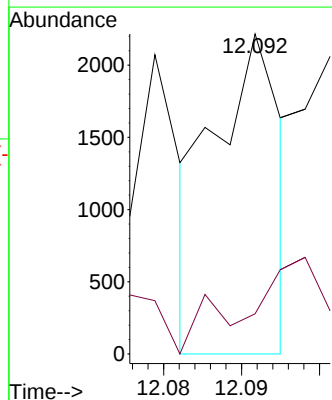
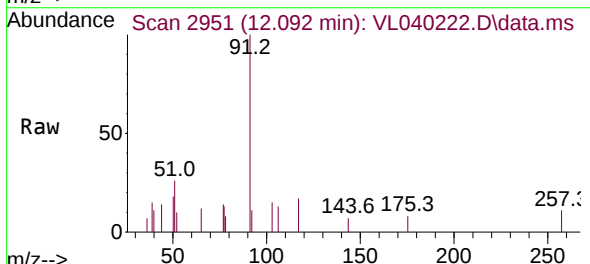
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

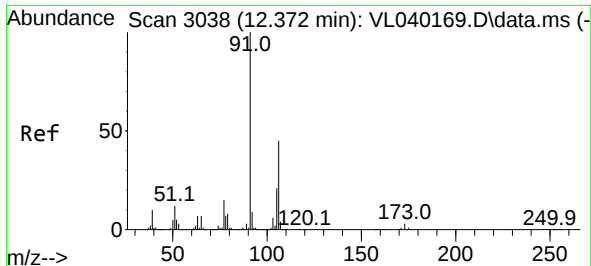
Tgt Ion:112 Resp: 2239
Ion Ratio Lower Upper
112 100
77 28.5 55.0 82.4#
114 35.4 29.0 35.4



#58
Ethyl Benzene
Concen: 0.006 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion: 91 Resp: 1326
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3





#59

m/p-Xylene

Concen: 0.007 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. -0.003 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

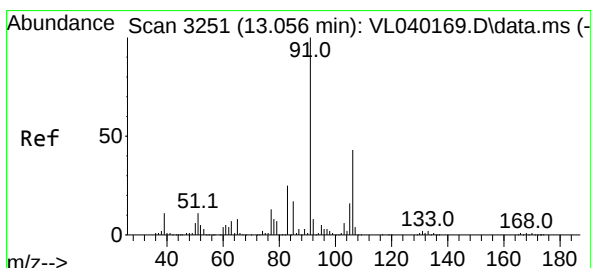
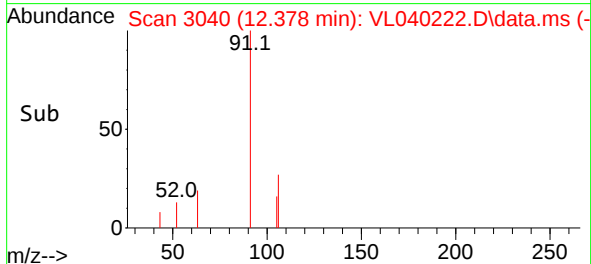
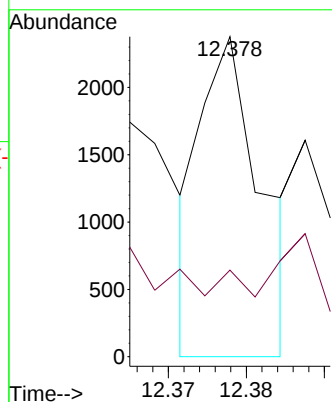
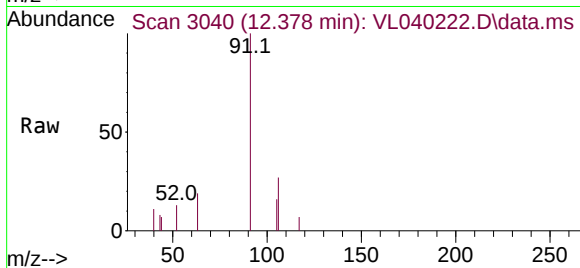
MDL-AIR-03-QT1-2023

Tgt Ion: 91 Resp: 1285

Ion Ratio Lower Upper

91 100

106 0.0 34.6 51.8#



#60

o-Xylene

Concen: 0.002 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. -0.010 min

Lab File: VL040222.D

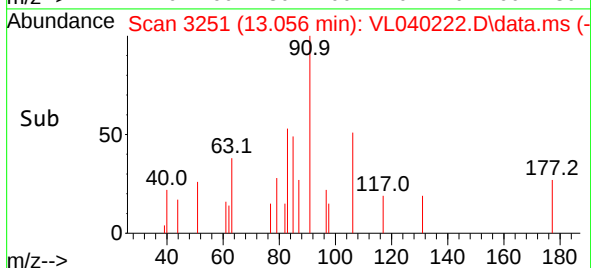
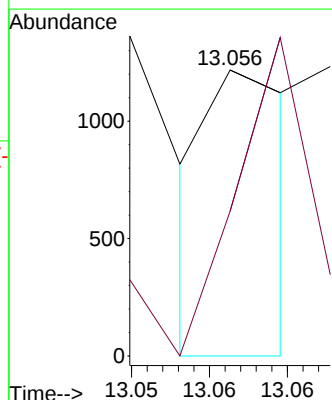
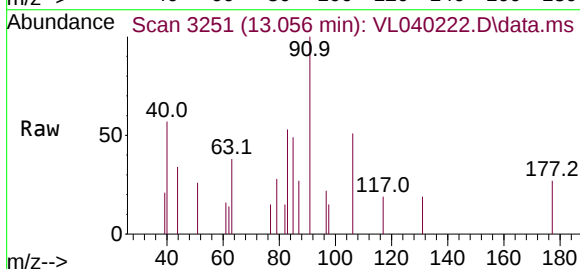
Acq: 23 Feb 2023 14:26

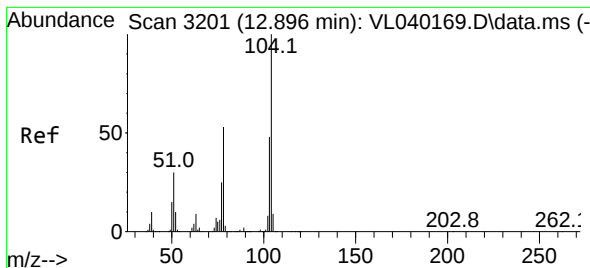
Tgt Ion: 91 Resp: 451

Ion Ratio Lower Upper

91 100

106 272.7 21.6 65.0#





#61

Styrene

Concen: 0.003 ppbv

RT: 12.902 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

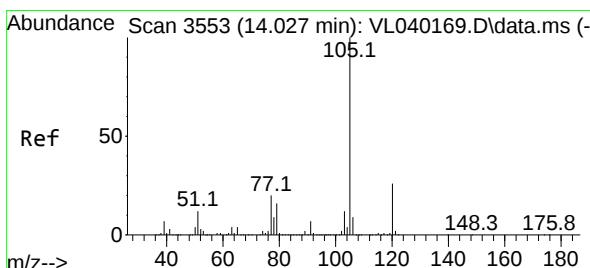
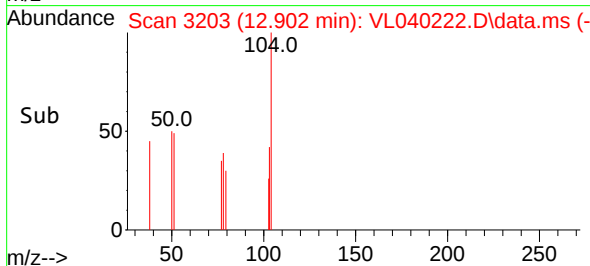
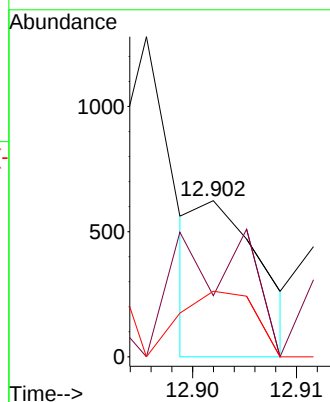
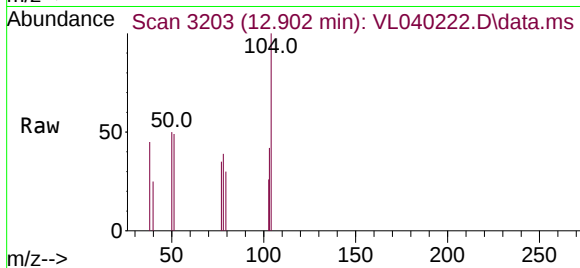
Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

Tgt Ion:104	Resp:	262
Ion Ratio	Lower	Upper
104	100	
78	0.0	42.3 63.5#
103	0.0	37.5 56.3#



#62

Isopropylbenzene

Concen: 0.007 ppbv

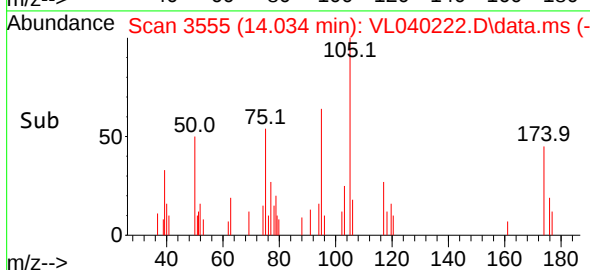
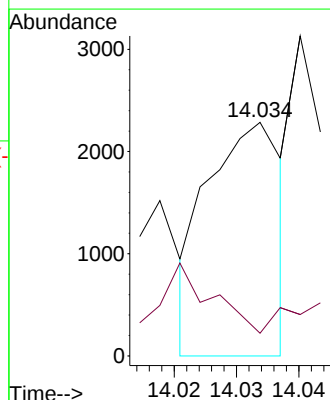
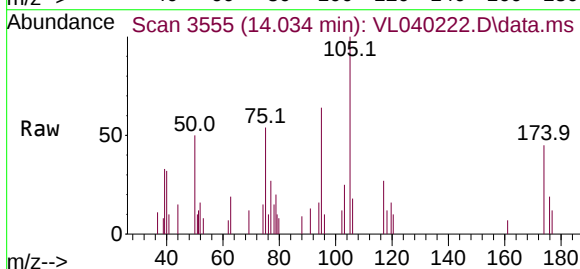
RT: 14.034 min Scan# 3555

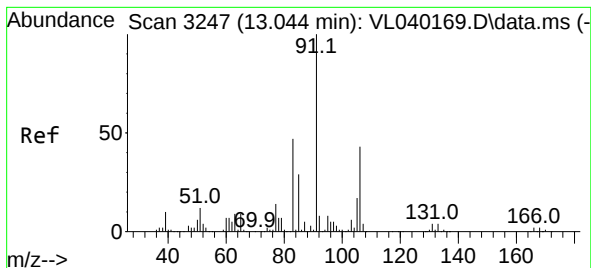
Delta R.T. -0.003 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Tgt Ion:105	Resp:	1894
Ion Ratio	Lower	Upper
105	100	
120	0.0	20.3 30.5#

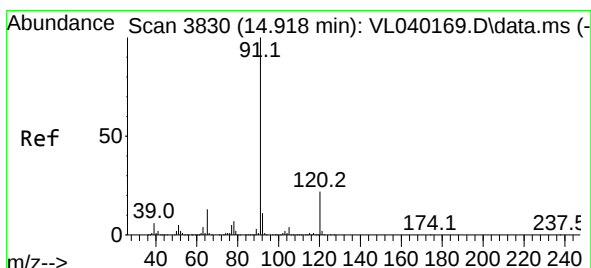
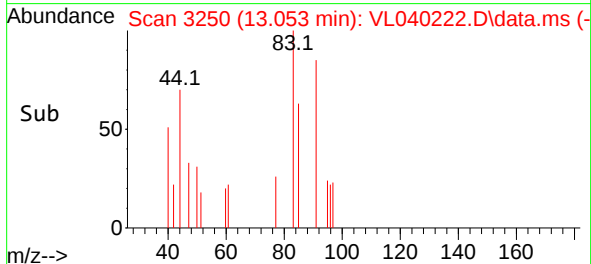
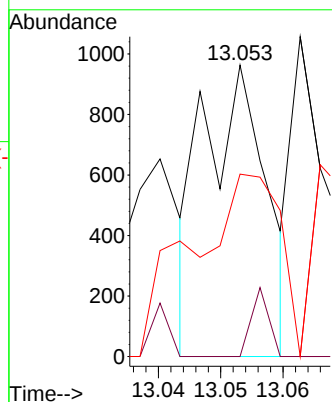
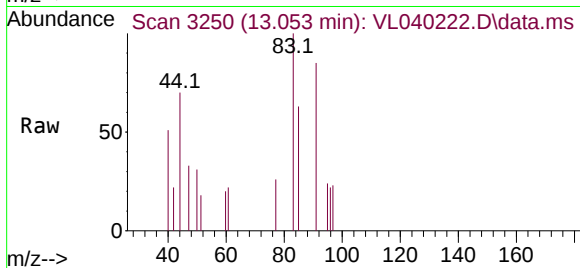




#63
1,1,2,2-Tetrachloroethane
Concen: 0.010 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

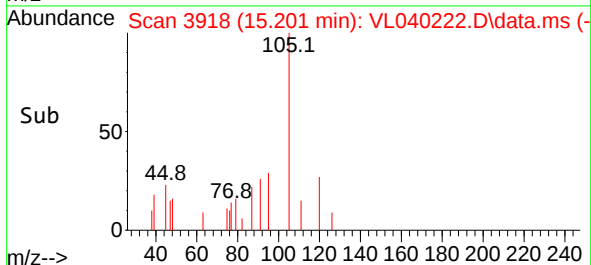
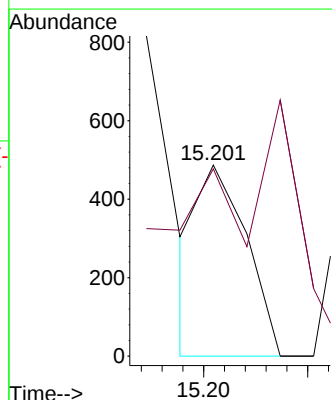
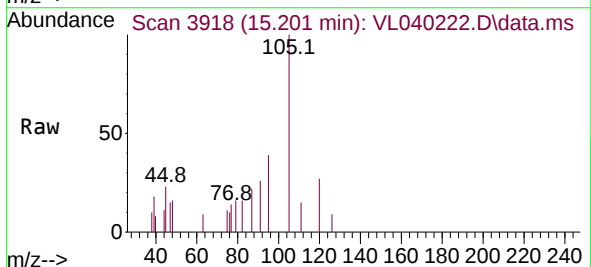
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

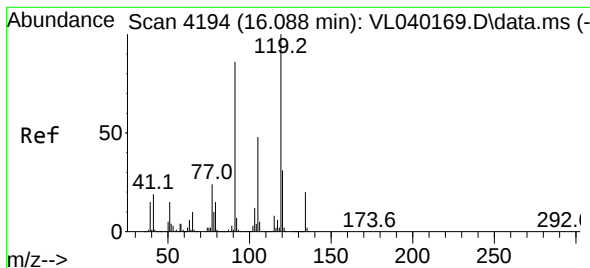
Tgt Ion: 83 Resp: 667
Ion Ratio Lower Upper
83 100
131 11.2 4.4 13.2
85 98.1 33.0 99.0



#64
n-propylbenzene
Concen: 0.002 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.273 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion: 120 Resp: 154
Ion Ratio Lower Upper
120 100
91 511.0 389.8 584.8





#65

tert-Butylbenzene

Concen: 0.003 ppbv

RT: 16.092 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

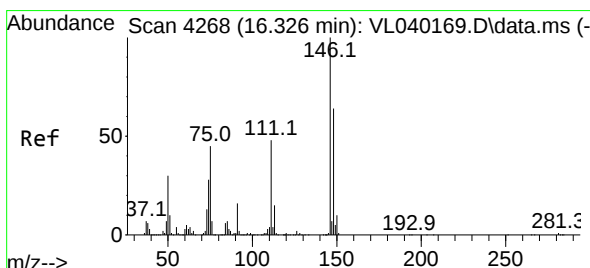
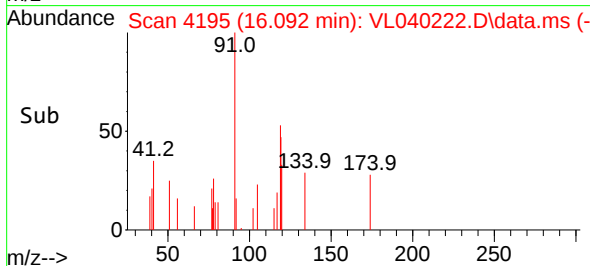
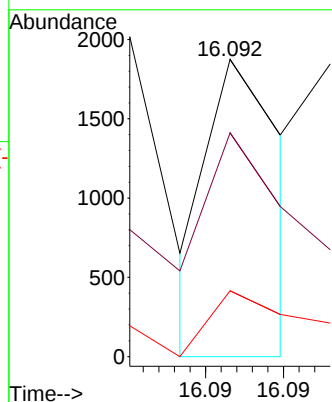
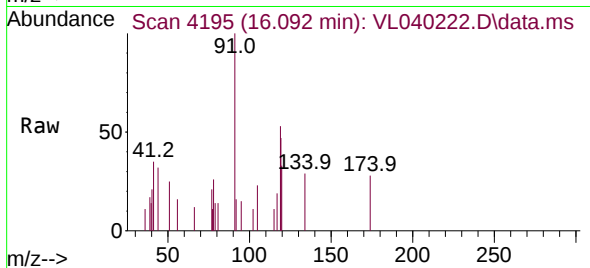
Tgt Ion:119 Resp: 632

Ion Ratio Lower Upper

119 100

91 0.0 68.6 102.8#

134 52.1 15.9 23.9#



#66

Benzyl Chloride

Concen: 0.003 ppbv

RT: 16.149 min Scan# 4213

Delta R.T. -0.190 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

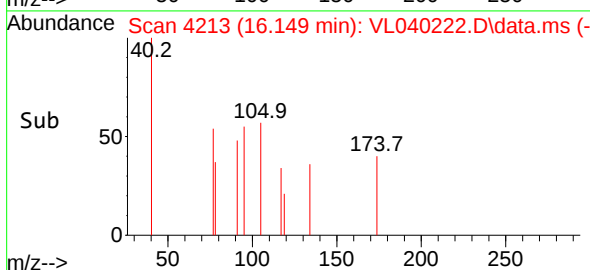
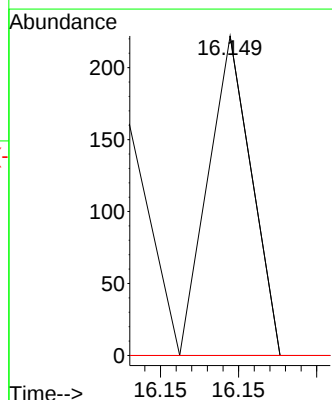
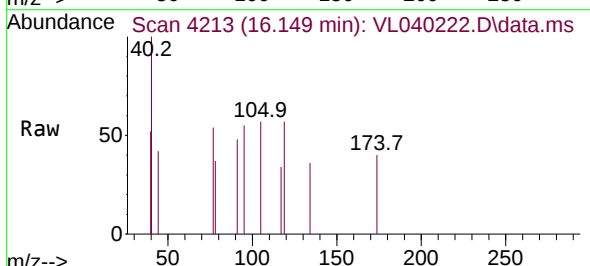
Tgt Ion: 91 Resp: 43

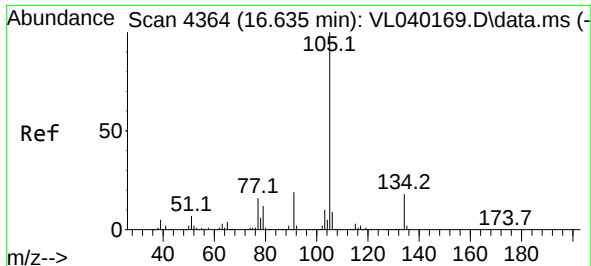
Ion Ratio Lower Upper

91 100

126 525.6 13.1 19.7#

128 0.0 4.1 6.1#

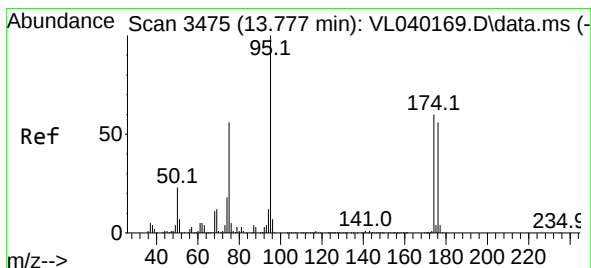
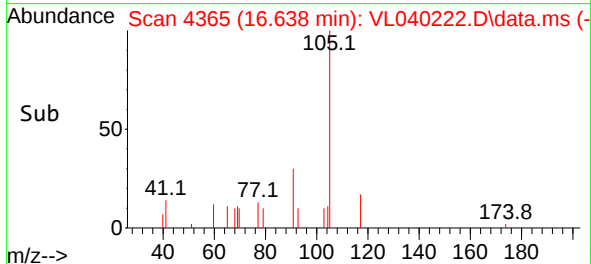
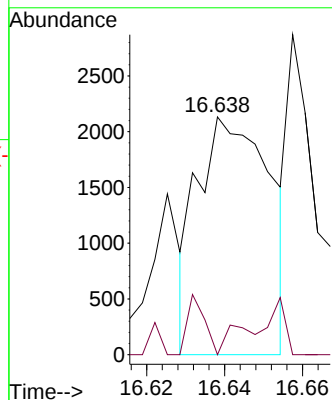
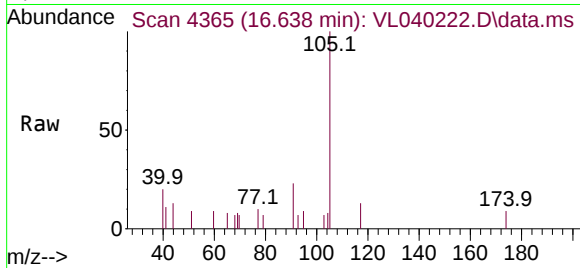




#67
 sec-Butylbenzene
 Concen: 0.008 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040222.D
 Acq: 23 Feb 2023 14:26

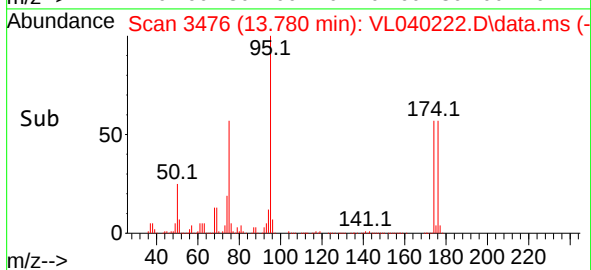
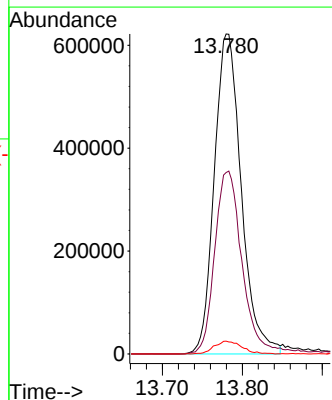
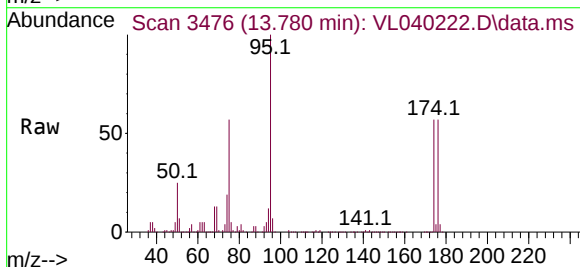
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL-AIR-03-QT1-2023

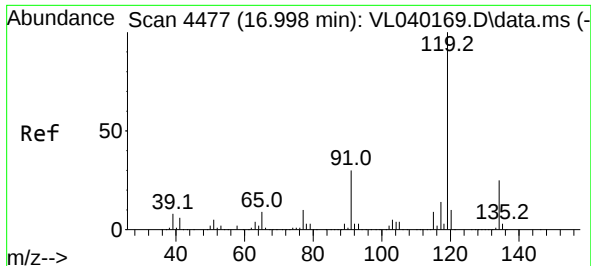
Tgt Ion:105 Resp: 2741
 Ion Ratio Lower Upper
 105 100
 134 16.2 14.1 21.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.079 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.003 min
 Lab File: VL040222.D
 Acq: 23 Feb 2023 14:26

Tgt Ion: 95 Resp: 1456058
 Ion Ratio Lower Upper
 95 100
 174 59.5 48.2 72.2
 175 4.2 3.4 5.2





#69

p-Isopropyltoluene

Concen: 0.005 ppbv

RT: 17.005 min Scan# 4479

Delta R.T. -0.000 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023

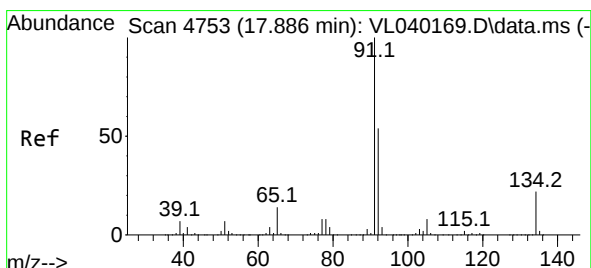
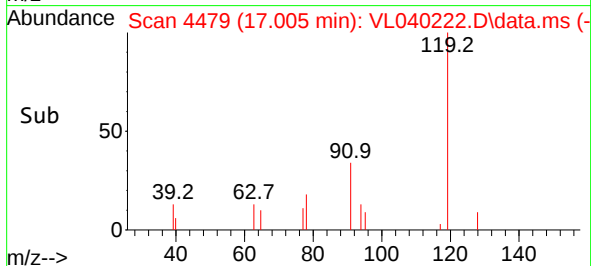
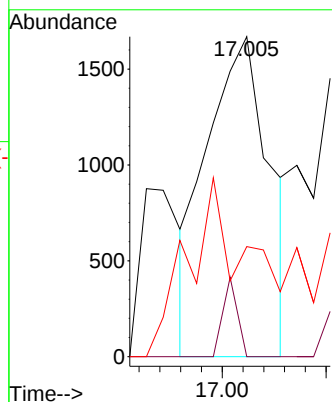
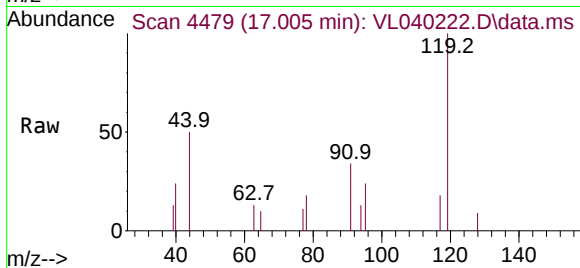
Tgt Ion:119 Resp: 1402

Ion Ratio Lower Upper

119 100

134 0.0 20.2 30.2#

91 75.5 24.7 37.1#



#70

n-Butylbenzene

Concen: 0.004 ppbv

RT: 17.889 min Scan# 4754

Delta R.T. -0.006 min

Lab File: VL040222.D

Acq: 23 Feb 2023 14:26

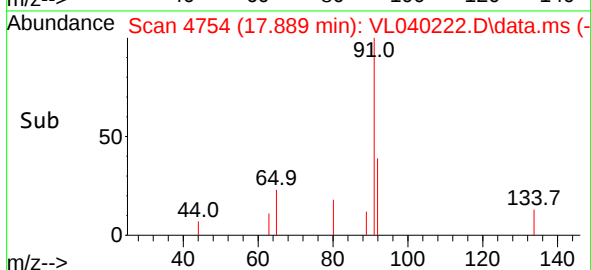
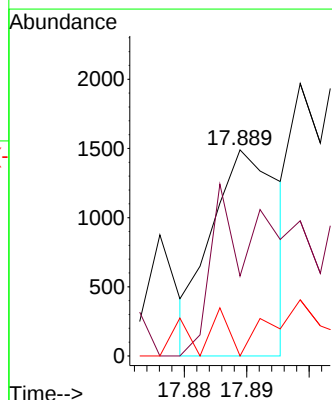
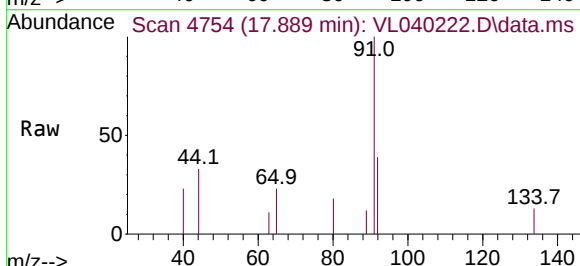
Tgt Ion: 91 Resp: 1126

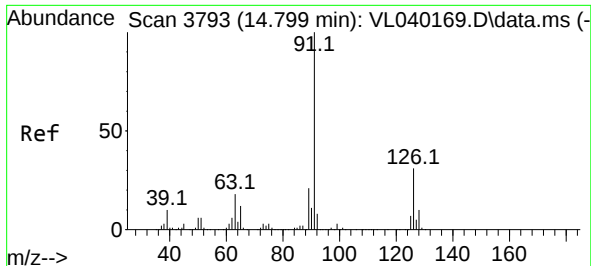
Ion Ratio Lower Upper

91 100

92 0.0 43.0 64.6#

134 0.0 16.9 25.3#

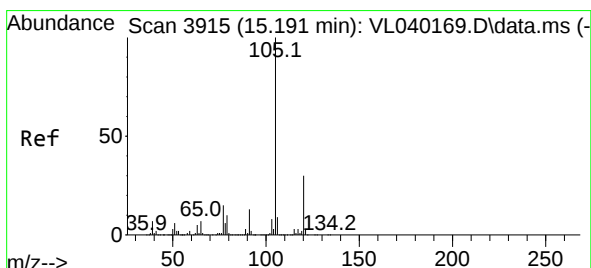
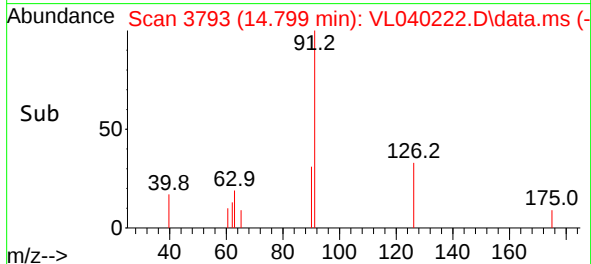
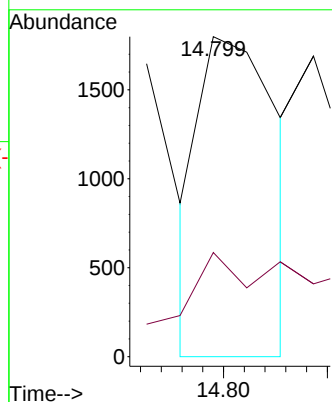
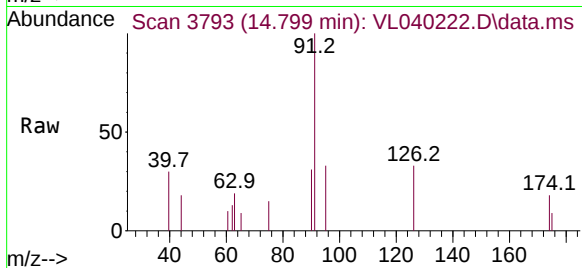




#71
2-Chlorotoluene
Concen: 0.005 ppbv
RT: 14.799 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

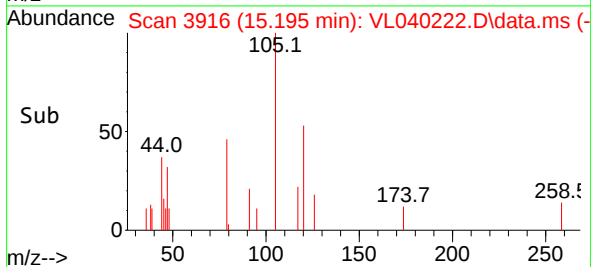
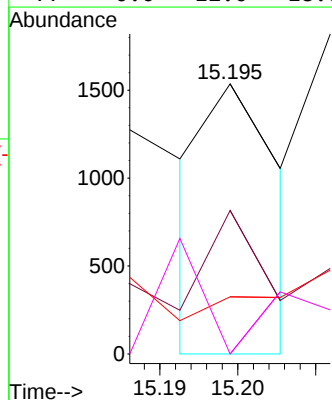
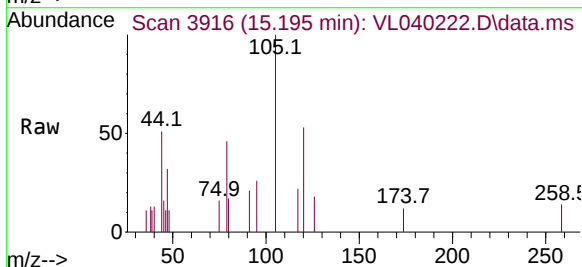
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

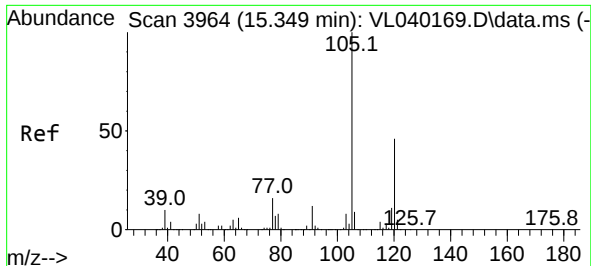
Tgt Ion: 91 Resp: 937
Ion Ratio Lower Upper
91 100
126 0.0 12.0 48.2#



#72
4-Ethyltoluene
Concen: 0.002 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.006 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion: 105 Resp: 500
Ion Ratio Lower Upper
105 100
120 178.6 23.2 34.8#
91 0.0 11.3 16.9#
77 0.0 12.0 18.0#

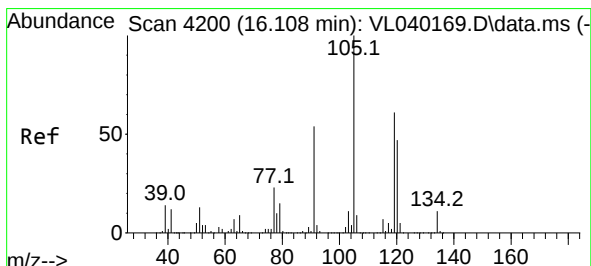
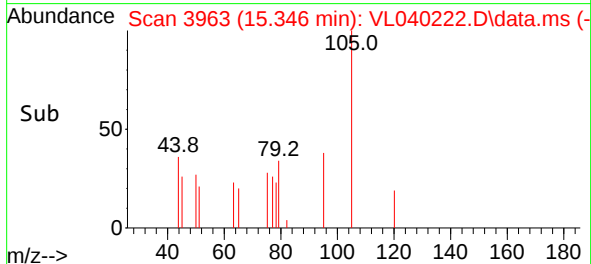
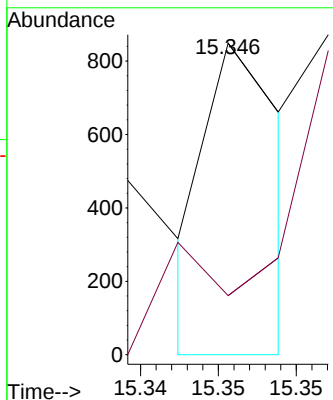
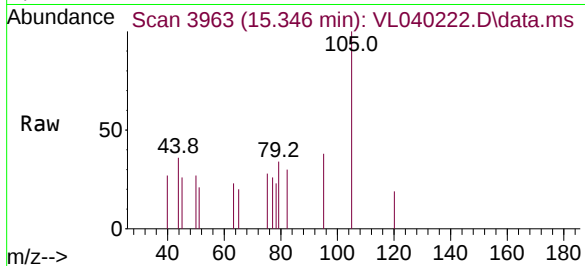




#73
1,3,5-Trimethylbenzene
Concen: 0.002 ppbv
RT: 15.346 min Scan# 3963
Delta R.T. -0.013 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

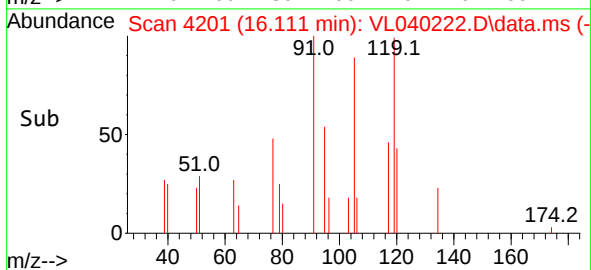
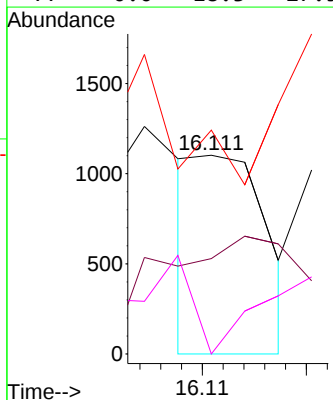
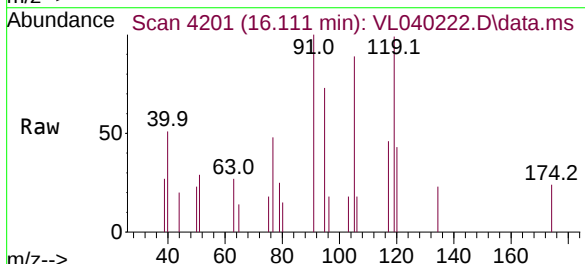
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

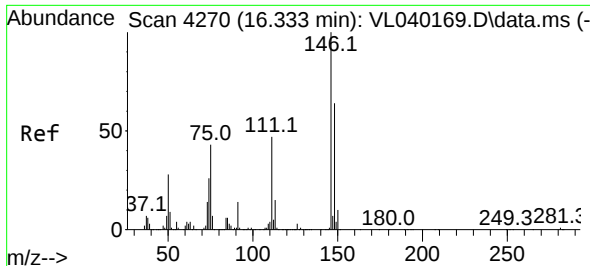
Tgt Ion:105 Resp: 291
Ion Ratio Lower Upper
105 100
120 0.0 36.8 55.2#



#74
1,2,4-Trimethylbenzene
Concen: 0.003 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. -0.006 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion:105 Resp: 517
Ion Ratio Lower Upper
105 100
120 10.8 37.9 56.9#
91 55.4 43.7 65.5
77 0.0 18.3 27.5#

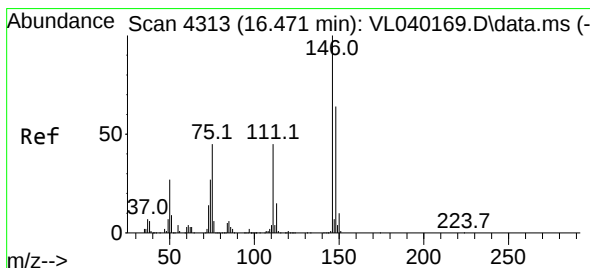
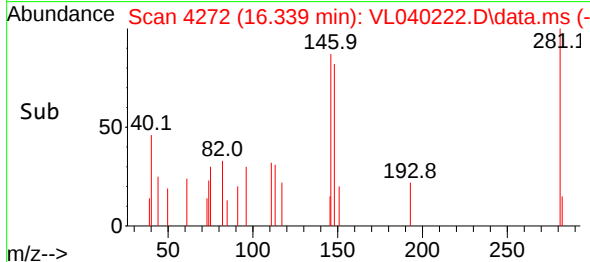
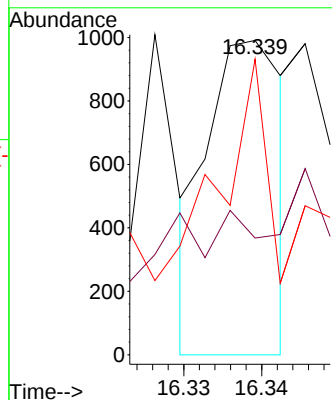
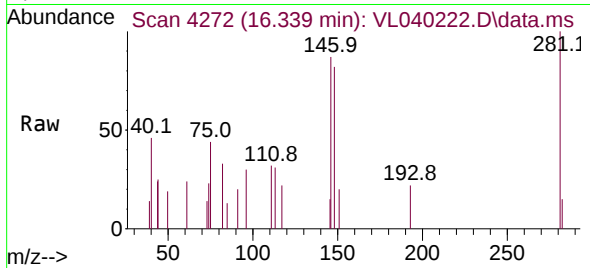




#75
1,3-Dichlorobenzene
Concen: 0.006 ppbv
RT: 16.339 min Scan# 4312
Delta R.T. -0.003 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

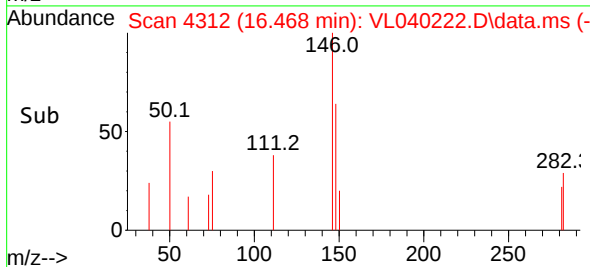
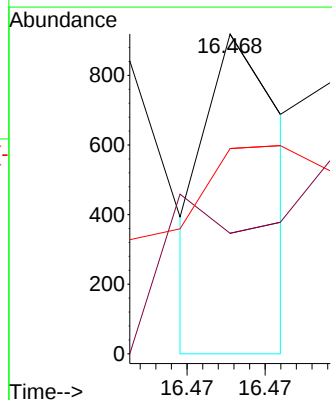
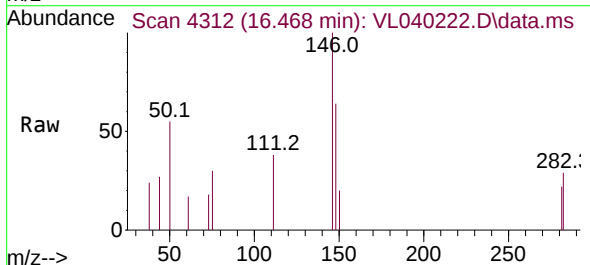
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

Tgt Ion:146 Resp: 668
Ion Ratio Lower Upper
146 100
111 0.0 23.9 71.8#
148 185.8 32.1 96.5#



#76
1,4-Dichlorobenzene
Concen: 0.003 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.013 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion:146 Resp: 309
Ion Ratio Lower Upper
146 100
111 0.0 23.5 70.5#
148 0.0 32.5 97.4#

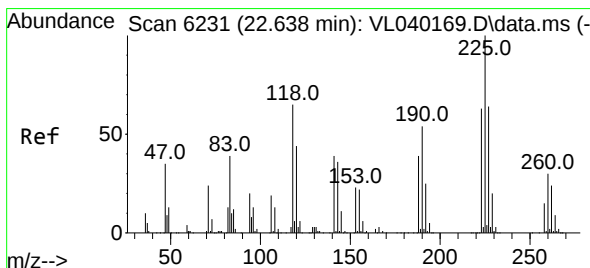
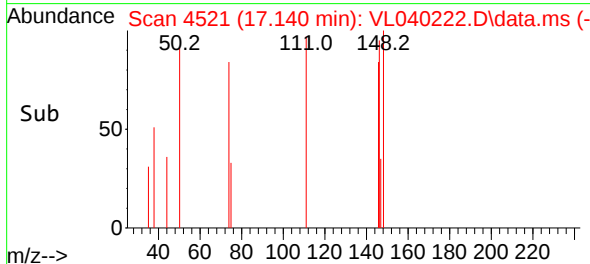
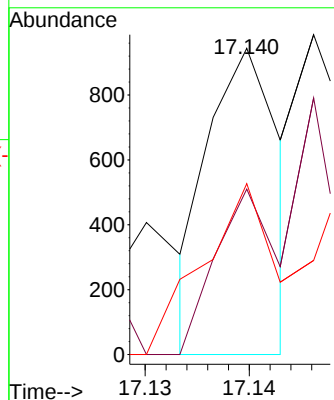
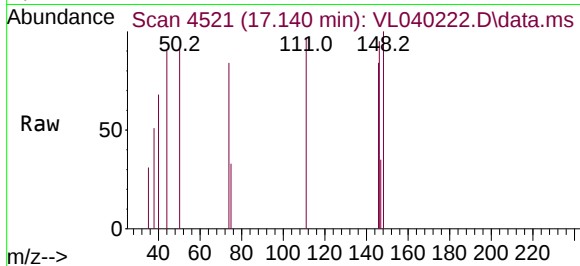




#77
1,2-Dichlorobenzene
Concen: 0.004 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. -0.013 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

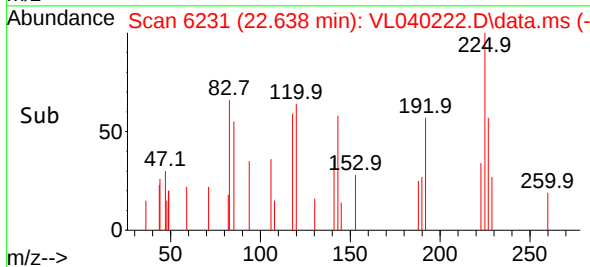
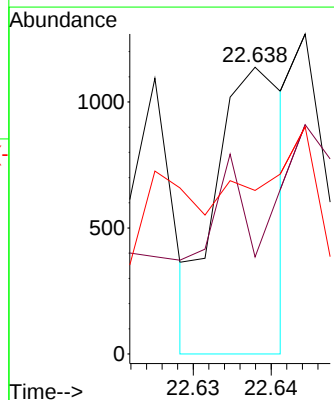
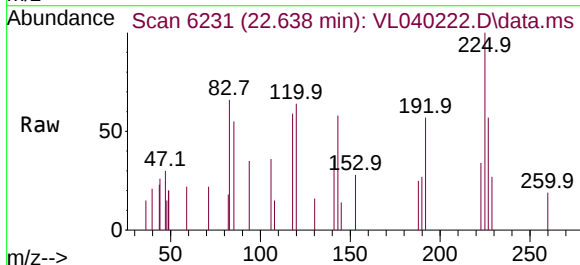
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

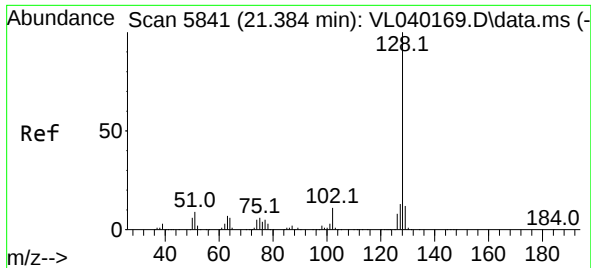
Tgt Ion:146 Resp: 450
Ion Ratio Lower Upper
146 100
111 0.0 25.3 75.8#
148 0.0 32.0 96.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.009 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. -0.010 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion:225 Resp: 691
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.2 76.8#

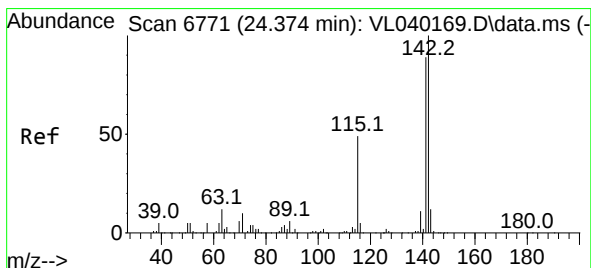
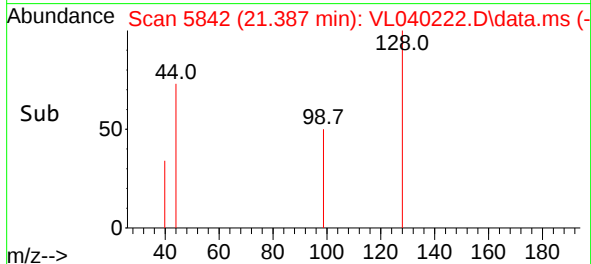
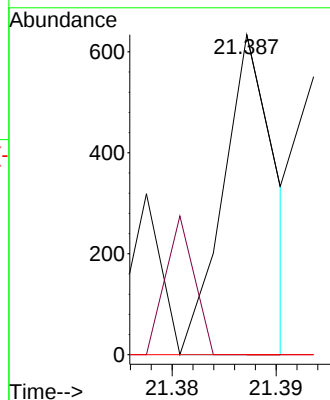
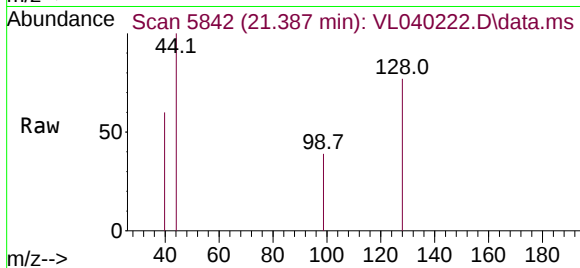




#79
Naphthalene
Concen: 0.002 ppbv
RT: 21.387 min Scan# 5842
Delta R.T. -0.013 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

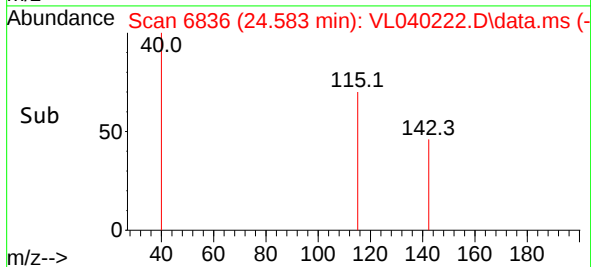
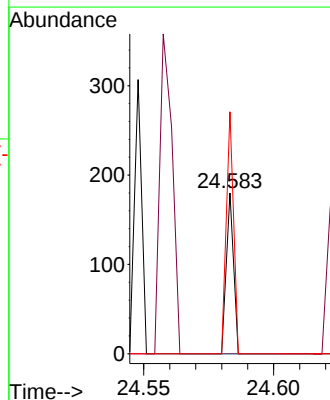
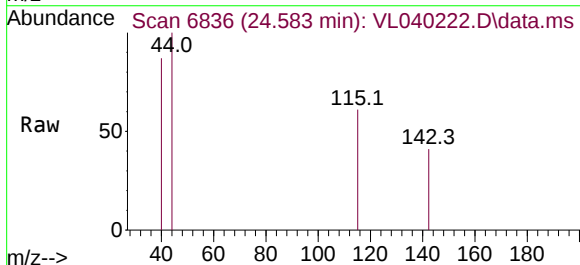
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2023

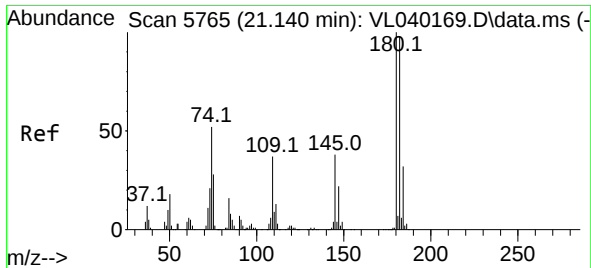
Tgt Ion:128 Resp: 225
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 9.4 14.0#



#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 24.583 min Scan# 6836
Delta R.T. 0.199 min
Lab File: VL040222.D
Acq: 23 Feb 2023 14:26

Tgt Ion:142 Resp: 35
Ion Ratio Lower Upper
142 100
141 265.7 67.3 100.9#
115 148.6 36.5 54.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.003 ppbv

RT: 21.136 min Scan# 51

Delta R.T. -0.013 min

Lab File: VL040222.D

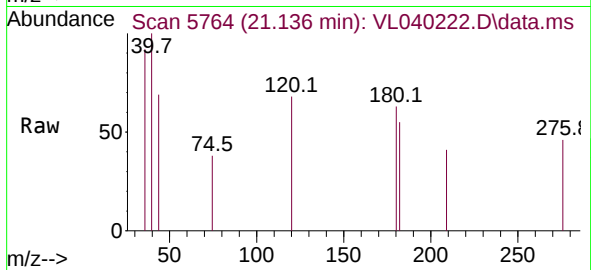
Acq: 23 Feb 2023 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2023



Tgt Ion:180 Resp: 201

Ion Ratio Lower Upper

180 100

182 92.0 79.0 118.6

184 0.0 24.6 36.8#

