

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040208.D
 Acq On : 21 Feb 2023 23:38
 Operator : SY/MD
 Sample : 01627-13 LOD 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

Quant Time: Feb 22 05:09:34 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 : Wed Feb 22 03:17:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	810302	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.652	114	2060545	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.475	117	1841153	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1526169	10.080	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	3561	0.024	ppbv	96
3) Chlorodifluoromethane	2.671	51	3307	0.034	ppbv	98
4) Chloromethane	2.809	50	1483	0.024	ppbv	95
5) Vinyl Chloride	2.919	62	1347	0.028	ppbv #	81
6) Bromomethane	3.115	94	157	0.009	ppbv #	78
7) Chloroethane	3.192	64	279	0.014	ppbv #	43
8) Dichlorotetrafluoroethane	2.854	85	3312	0.025	ppbv #	83
9) Propene	2.687	41	1077	0.027	ppbv #	14
10) Heptane	7.590	43	843	0.009	ppbv #	1
11) Trichlorofluoromethane	3.549	101	1182	0.009	ppbv	85
12) 1,1,2-Trichlorotrifluo...	4.063	101	3154	0.032	ppbv #	16
13) Ethanol	3.250	45	148	0.041	ppbv #	41
14) Bromoethene	3.369	108	383	0.010	ppbv #	6
15) Acetone	3.491	43	10657	0.109	ppbv #	67
16) 1,3-Butadiene	2.983	39	1127	0.025	ppbv #	79
17) tert-Butyl alcohol	3.886	59	34	0.000	ppbv #	1
18) 1,1-Dichloroethene	3.877	96	605	0.014	ppbv #	59
19) Isopropyl Alcohol	3.597	45	548	0.012	ppbv #	90
20) Methylene Chloride	3.925	84	3786	0.075	ppbv #	93
21) Allyl Chloride	3.989	41	897	0.015	ppbv #	27
22) trans-1,2-Dichloroethene	4.446	96	460	0.010	ppbv #	23
23) Vinyl Acetate	4.632	43	1065	0.036	ppbv #	77
24) 1,1-Dichloroethane	4.558	63	2941	0.032	ppbv #	91
25) Ethyl Acetate	5.205	43	520	0.003	ppbv #	74
26) Hexane	5.214	57	2750	0.035	ppbv #	3
27) Carbon Disulfide	4.124	76	623	0.006	ppbv #	1
28) Methyl tert-Butyl Ether	4.642	73	151	0.002	ppbv	93
29) Chloroform	5.275	83	1483	0.011	ppbv #	82
30) Cyclohexane	6.610	84	483	0.008	ppbv #	1
31) cis-1,2-Dichloroethene	5.079	61	1423	0.019	ppbv #	67
32) 1,1,1-Trichloroethane	6.015	97	613	0.005	ppbv #	1
34) 2-Butanone	4.748	43	44	0.000	ppbv #	1
35) Carbon Tetrachloride	6.504	117	587	0.005	ppbv	99
36) Benzene	6.369	78	2744	0.017	ppbv #	86
37) 1,2-Dichloroethane	5.806	62	2693	0.027	ppbv	98
38) Trichloroethene	7.288	130	633	0.007	ppbv #	57
39) 1,2-Dichloropropane	6.655	63	538193	8.628	ppbv #	26
40) 1,4-Dioxane	7.353	88	82	0.003	ppbv #	1
41) Tetrahydrofuran	5.581	42	41	0.001	ppbv #	1
42) Bromodichloromethane	7.253	83	2977	0.022	ppbv #	96
43) Methyl Methacrylate	7.491	69	431	0.007	ppbv #	1
44) 2,2,4-Trimethylpentane	7.314	57	1259	0.005	ppbv #	43
45) t-1,3-Dichloropropene	8.716	75	302	0.006	ppbv	92

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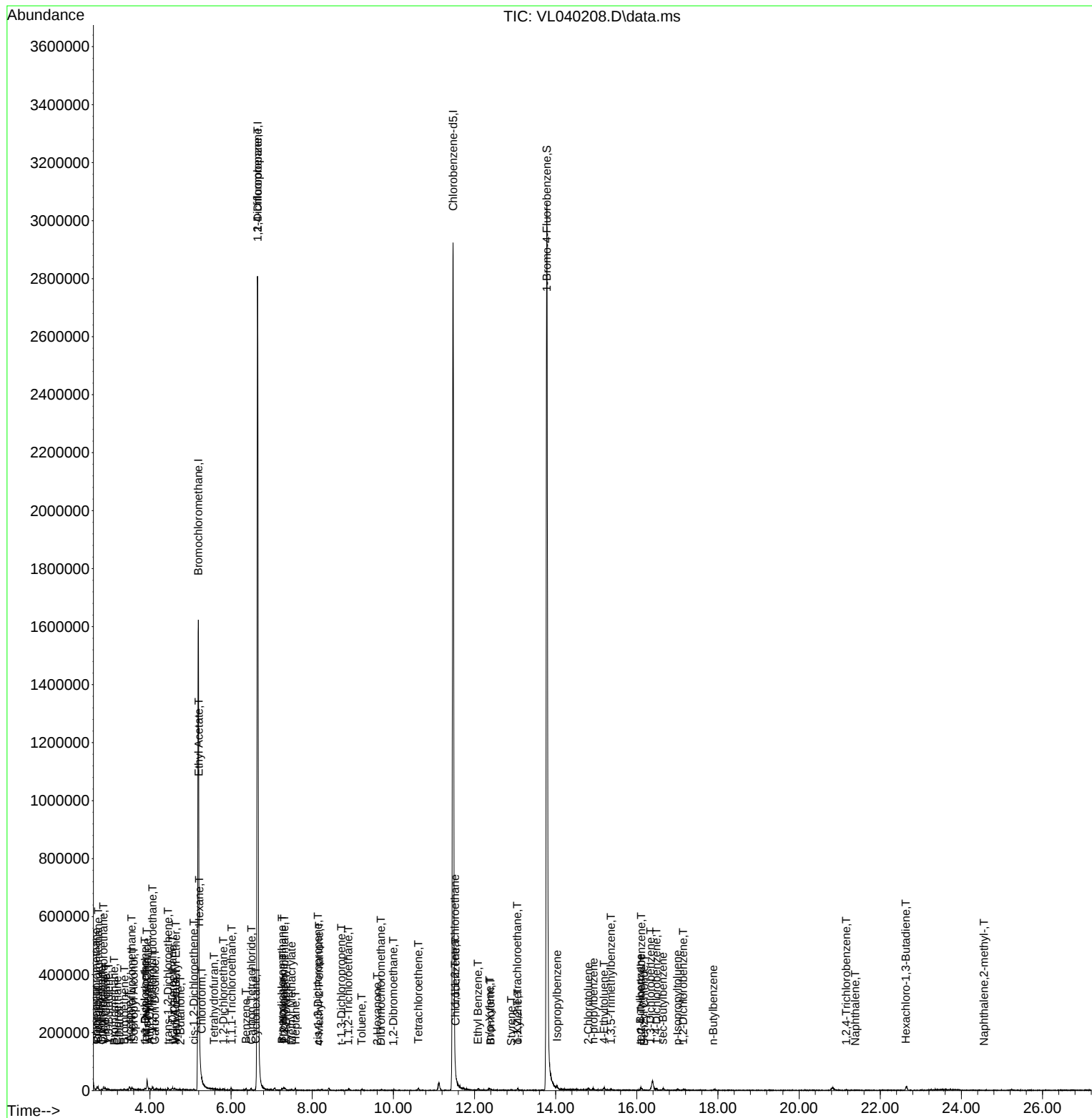
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.140	75	544	0.007	ppbv	#	19
47) 1,1,2-Trichloroethane	8.889	97	238	0.004	ppbv	#	54
48) Dibromochloromethane	9.693	129	353	0.003	ppbv	#	10
49) Bromoform	12.397	173	338	0.004	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.172	43	81	0.001	ppbv	#	38
51) 2-Hexanone	9.603	43	1172	0.010	ppbv	#	61
52) Tetrachloroethene	10.616	164	967	0.019	ppbv	#	47
53) Toluene	9.217	91	463	0.003	ppbv	#	1
54) 1,2-Dibromoethane	9.999	107	174	0.002	ppbv	#	19
56) 1,1,1,2-Tetrachloroethane	11.516	131	1278	0.017	ppbv	#	10
57) Chlorobenzene	11.532	112	1348	0.010	ppbv	#	76
58) Ethyl Benzene	12.082	91	1215	0.005	ppbv		96
59) m/p-Xylene	12.372	91	476	0.002	ppbv	#	1
60) o-Xylene	13.063	91	436	0.002	ppbv	#	33
61) Styrene	12.905	104	282	0.003	ppbv	#	27
62) Isopropylbenzene	14.034	105	4805	0.018	ppbv		92
63) 1,1,2,2-Tetrachloroethane	13.053	83	223	0.003	ppbv	#	24
64) n-propylbenzene	14.931	120	330	0.005	ppbv	#	1
65) tert-Butylbenzene	16.082	119	712	0.003	ppbv	#	21
66) Benzyl Chloride	16.179	91	178	0.011	ppbv	#	67
67) sec-Butylbenzene	16.645	105	2958	0.009	ppbv	#	85
69) p-Isopropyltoluene	17.002	119	795	0.003	ppbv	#	47
70) n-Butylbenzene	17.886	91	837	0.003	ppbv	#	33
71) 2-Chlorotoluene	14.806	91	1736	0.008	ppbv	#	45
72) 4-Ethyltoluene	15.195	105	850	0.004	ppbv	#	55
73) 1,3,5-Trimethylbenzene	15.362	105	1772	0.009	ppbv	#	52
74) 1,2,4-Trimethylbenzene	16.111	105	550	0.003	ppbv	#	83
75) 1,3-Dichlorobenzene	16.339	146	1159	0.010	ppbv	#	23
76) 1,4-Dichlorobenzene	16.484	146	1421	0.012	ppbv	#	6
77) 1,2-Dichlorobenzene	17.143	146	630	0.005	ppbv	#	5
78) Hexachloro-1,3-Butadiene	22.628	225	300	0.004	ppbv	#	18
79) Naphthalene	21.384	128	83	0.001	ppbv	#	69
80) Naphthalene,2-methyl-	24.554	142	86	0.002	ppbv	#	89
81) 1,2,4-Trichlorobenzene	21.162	180	99	0.001	ppbv	#	1

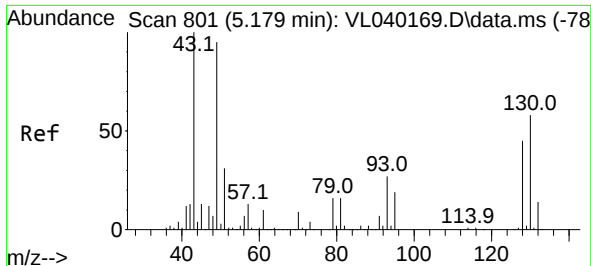
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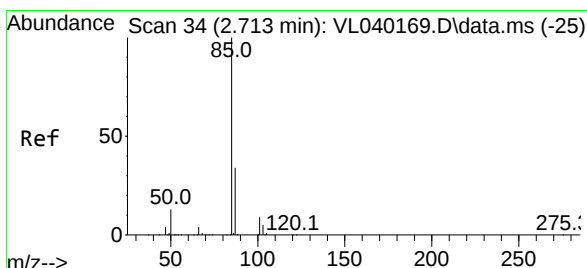
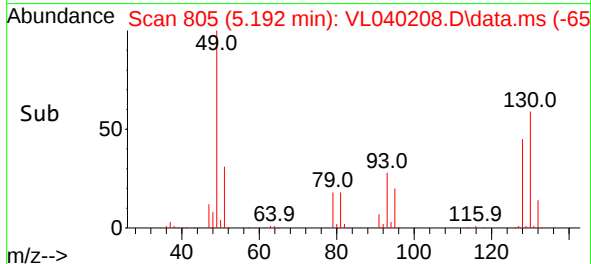
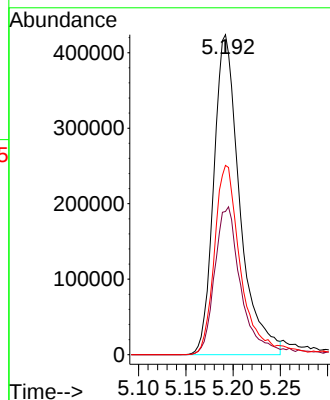
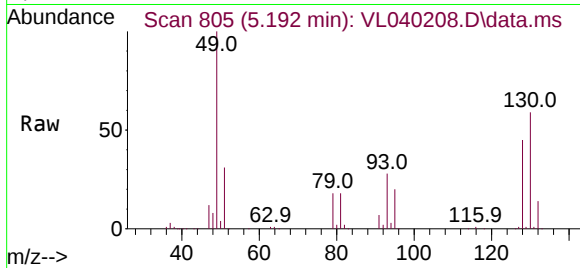




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

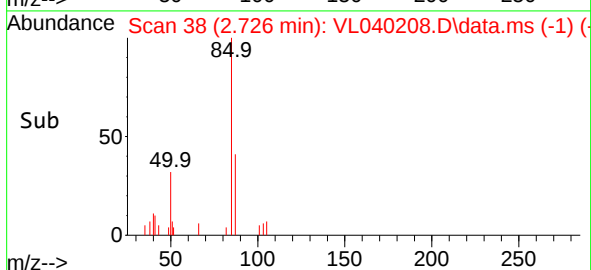
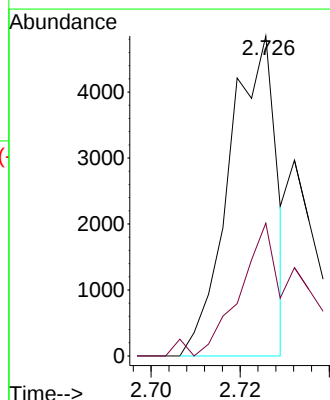
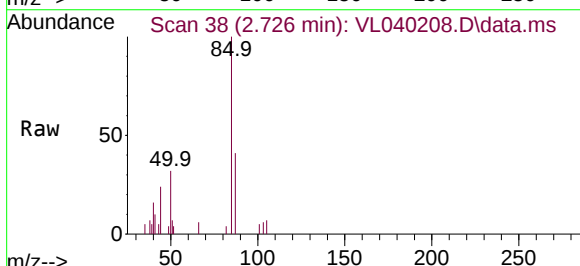
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MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

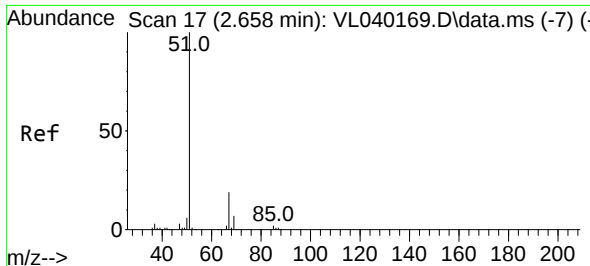
Tgt Ion: 49 Resp: 810302
Ion Ratio Lower Upper
49 100
128 49.2 24.1 72.3
130 62.2 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 0.024 ppbv
RT: 2.726 min Scan# 38
Delta R.T. -0.003 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 85 Resp: 3561
Ion Ratio Lower Upper
85 100
87 36.2 27.0 40.6

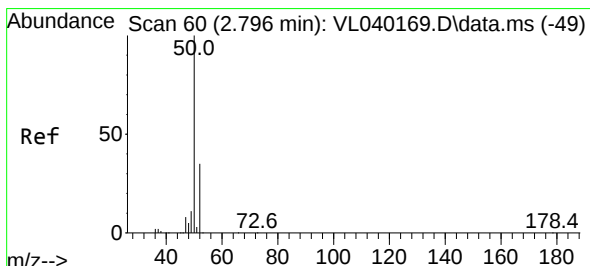
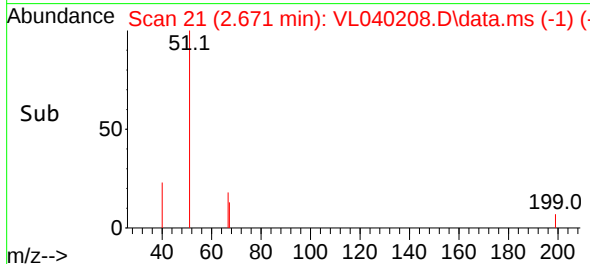
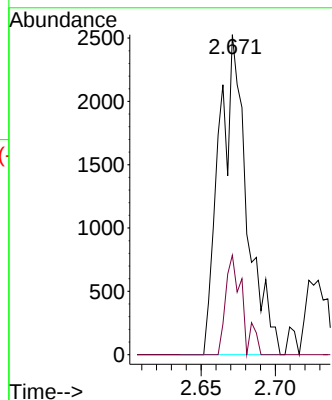
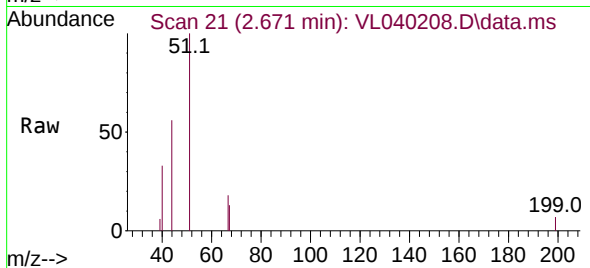




#3
Chlorodifluoromethane
Concen: 0.034 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

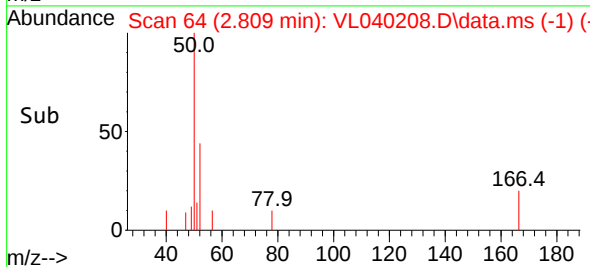
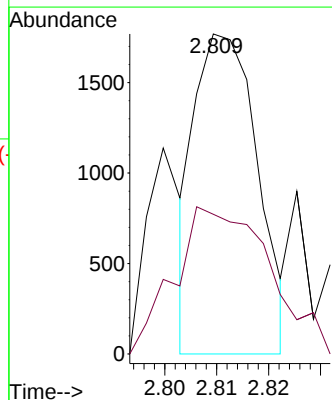
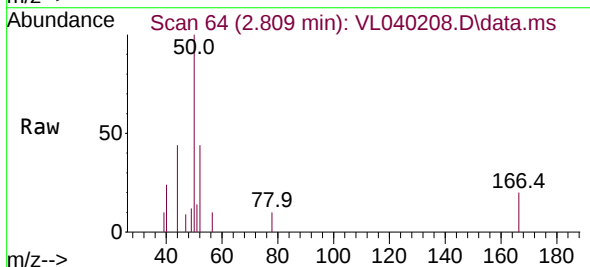
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ClientSampleId :
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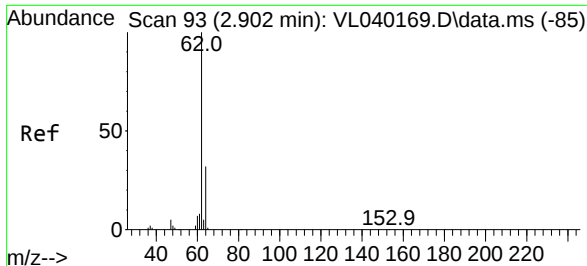
Tgt Ion: 51 Resp: 3307
Ion Ratio Lower Upper
51 100
67 18.6 15.4 23.2



#4
Chloromethane
Concen: 0.024 ppbv
RT: 2.809 min Scan# 64
Delta R.T. -0.003 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 50 Resp: 1483
Ion Ratio Lower Upper
50 100
52 32.7 28.3 42.5

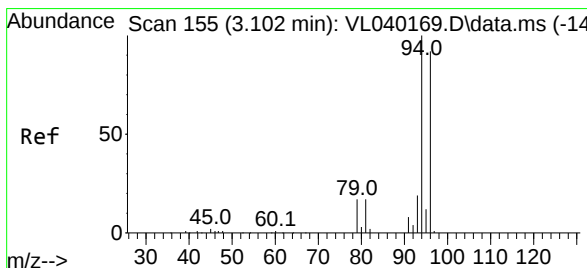
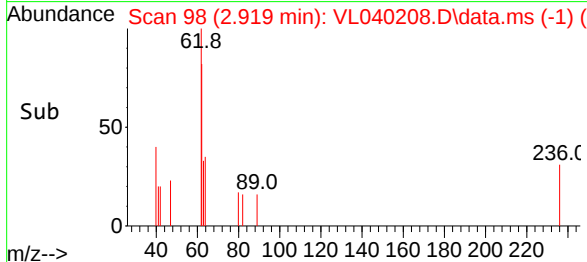
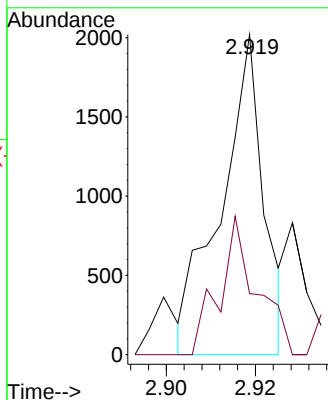
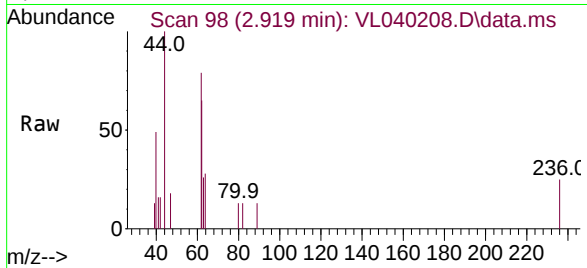




#5
 Vinyl Chloride
 Concen: 0.028 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040208.D
 Acq: 21 Feb 2023 23:38

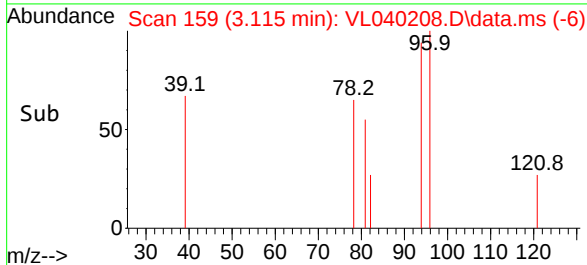
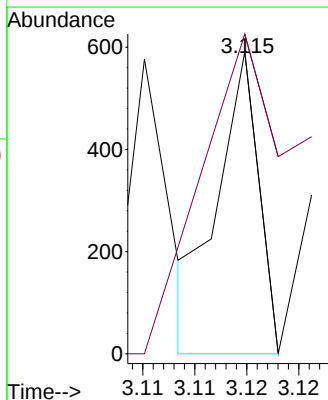
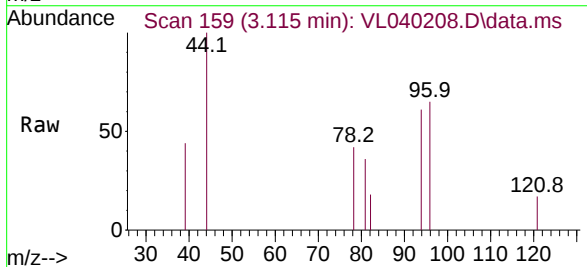
Instrument :
 MSVOA_L
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 LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 62 Resp: 1347
 Ion Ratio Lower Upper
 62 100
 64 21.1 25.6 38.4#



#6
 Bromomethane
 Concen: 0.009 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. -0.010 min
 Lab File: VL040208.D
 Acq: 21 Feb 2023 23:38

Tgt Ion: 94 Resp: 157
 Ion Ratio Lower Upper
 94 100
 96 70.7 73.4 110.2#

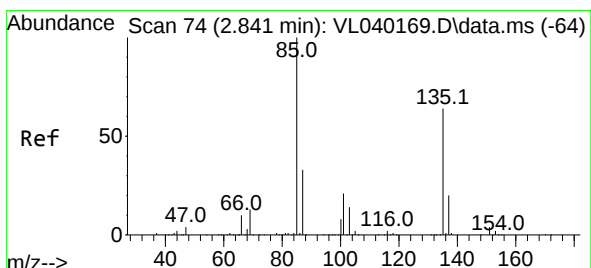
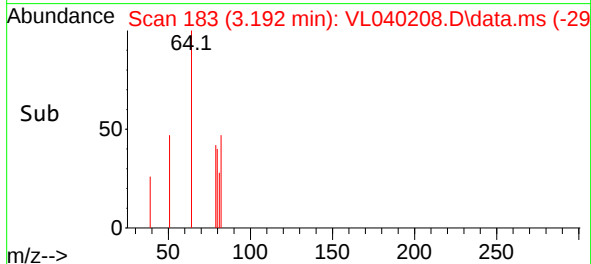
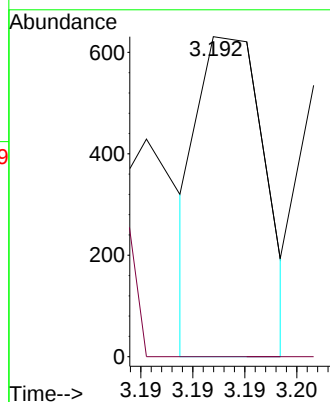
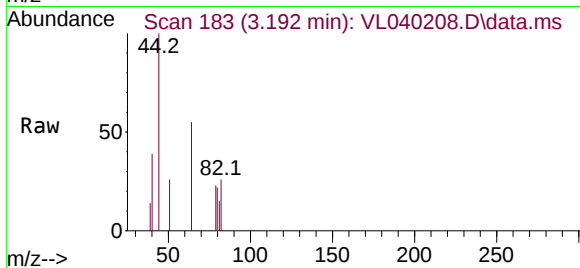




#7
Chloroethane
Concen: 0.014 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

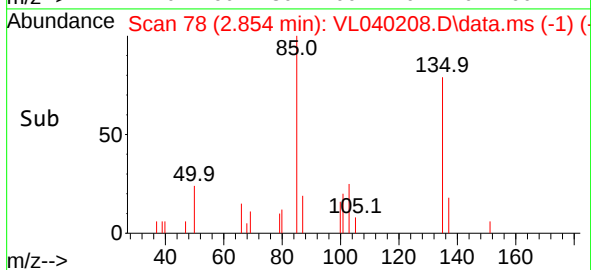
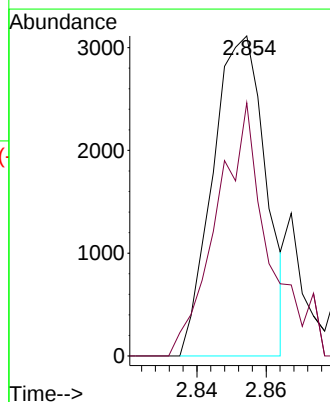
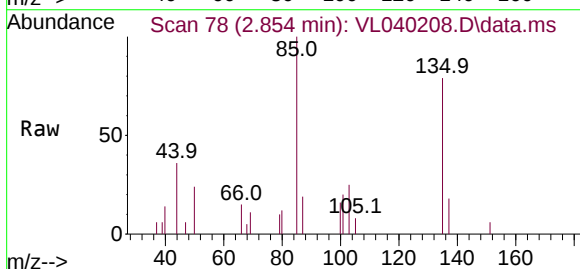
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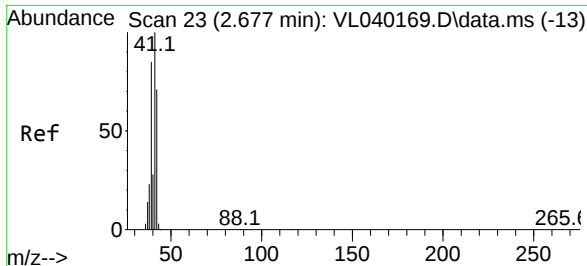
Tgt Ion: 64 Resp: 279
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#8
Dichlorotetrafluoroethane
Concen: 0.025 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.003 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 85 Resp: 3312
Ion Ratio Lower Upper
85 100
135 77.7 51.5 77.3#





#9

Propene

Concen: 0.027 ppbv

RT: 2.687 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

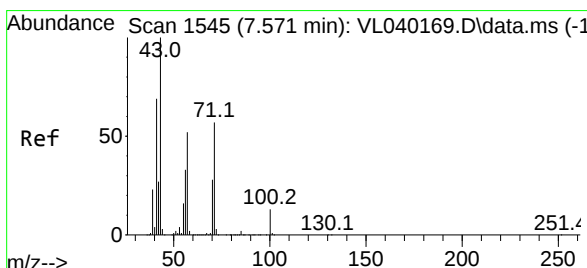
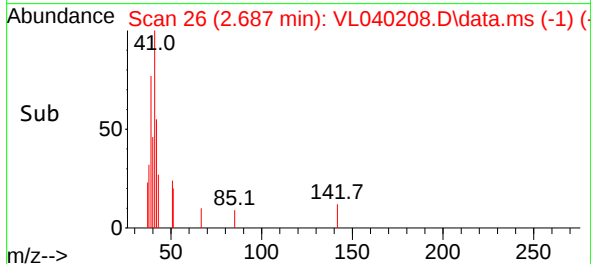
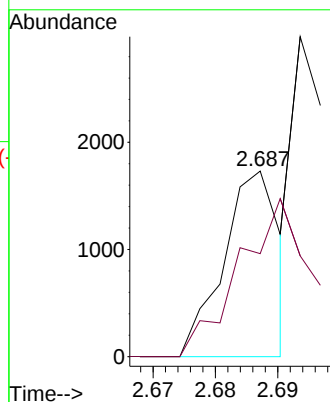
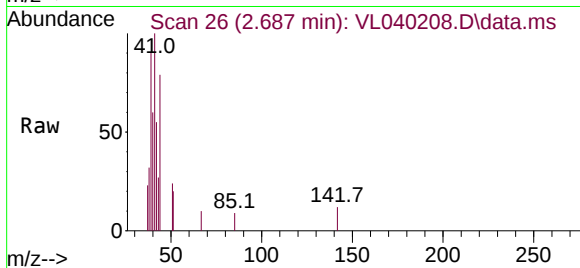
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 41 Resp: 1077

Ion Ratio Lower Upper

41 100

42 0.0 56.9 85.3#



#10

Heptane

Concen: 0.009 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. -0.013 min

Lab File: VL040208.D

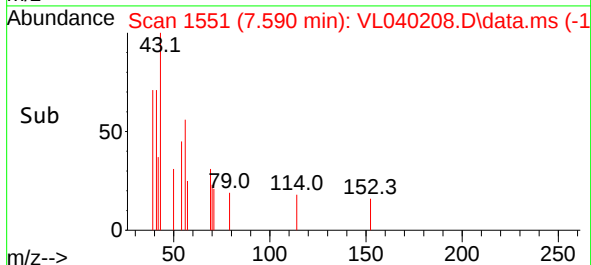
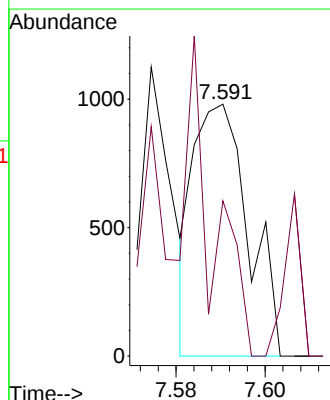
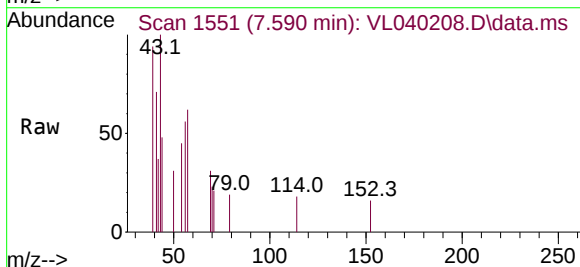
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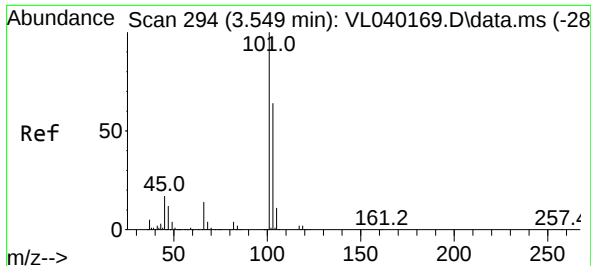
Tgt Ion: 43 Resp: 843

Ion Ratio Lower Upper

43 100

57 130.0 41.4 62.2#

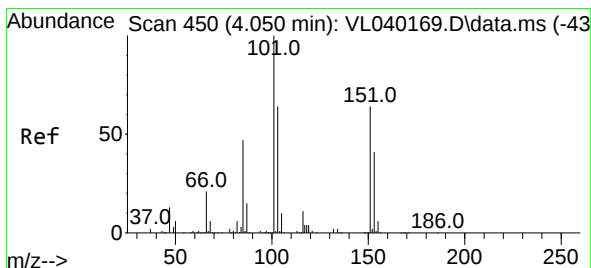
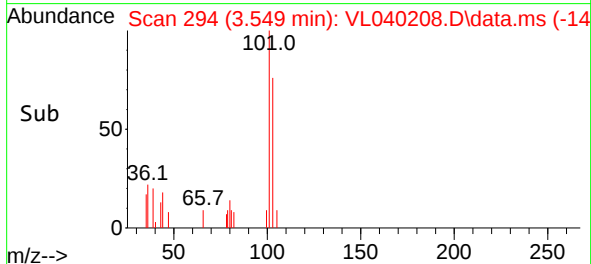
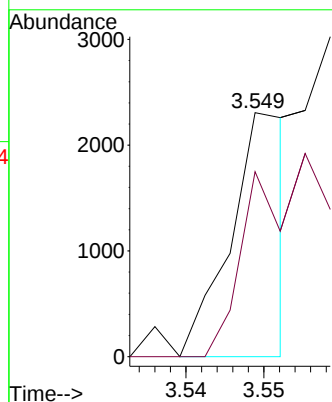
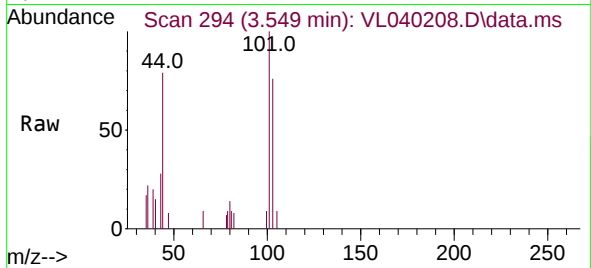




#11
 Trichlorofluoromethane
 Concen: 0.009 ppbv
 RT: 3.549 min Scan# 294
 Delta R.T. -0.019 min
 Lab File: VL040208.D
 Acq: 21 Feb 2023 23:38

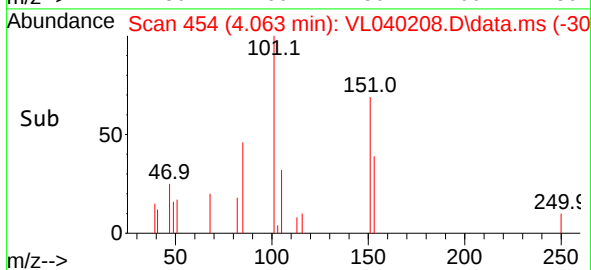
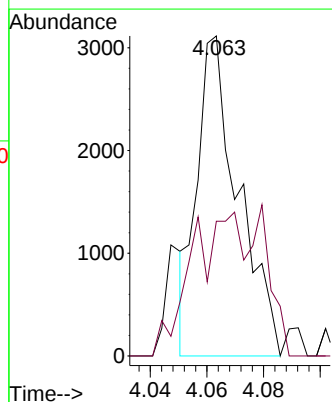
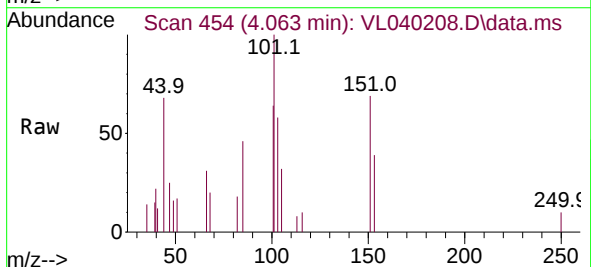
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

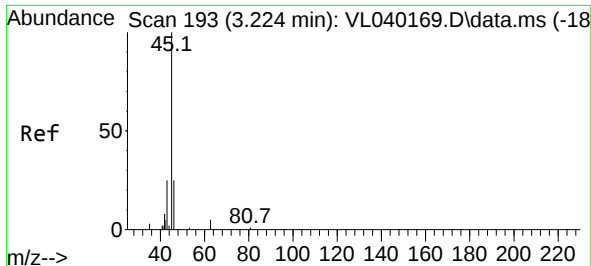
Tgt Ion:101 Resp: 1182
 Ion Ratio Lower Upper
 101 100
 103 75.8 51.0 76.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.032 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.010 min
 Lab File: VL040208.D
 Acq: 21 Feb 2023 23:38

Tgt Ion:101 Resp: 3154
 Ion Ratio Lower Upper
 101 100
 151 0.0 54.7 82.1#

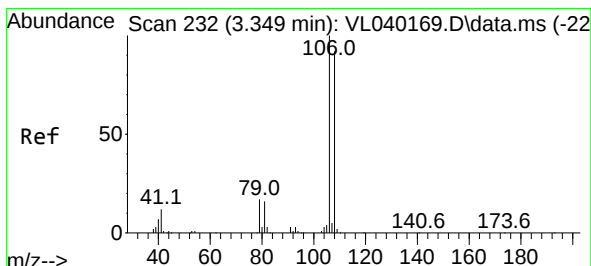
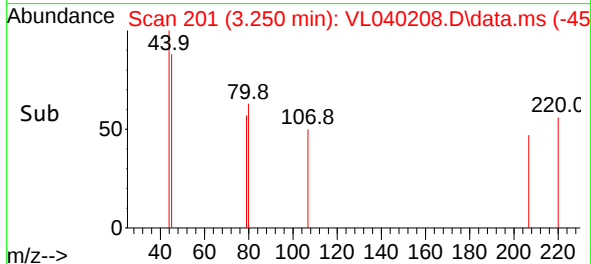
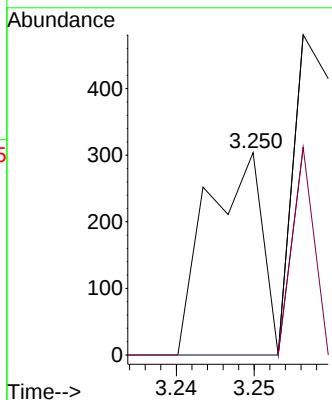
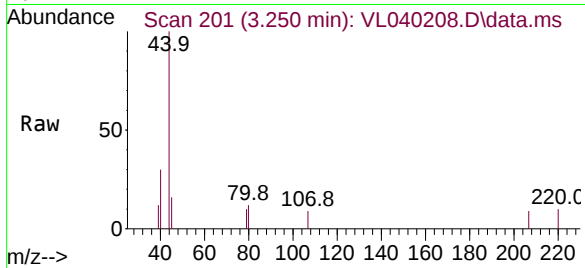




#13
Ethanol
Concen: 0.041 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.000 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

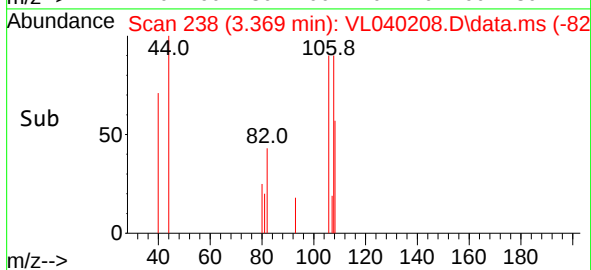
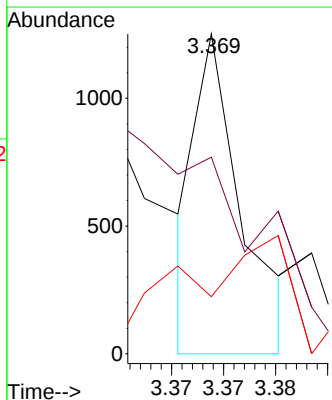
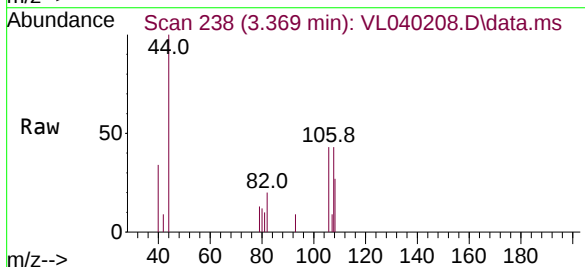
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

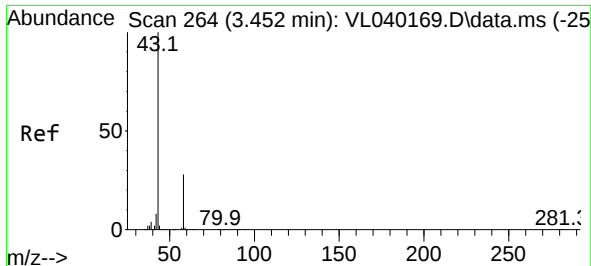
Tgt Ion: 45 Resp: 148
Ion Ratio Lower Upper
45 100
46 0.0 13.3 53.1#



#14
Bromoethene
Concen: 0.010 ppbv
RT: 3.369 min Scan# 238
Delta R.T. 0.000 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 108 Resp: 383
Ion Ratio Lower Upper
108 100
106 0.0 87.1 130.7#
79 0.0 15.4 23.2#

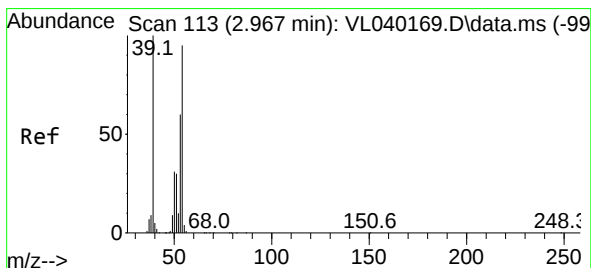
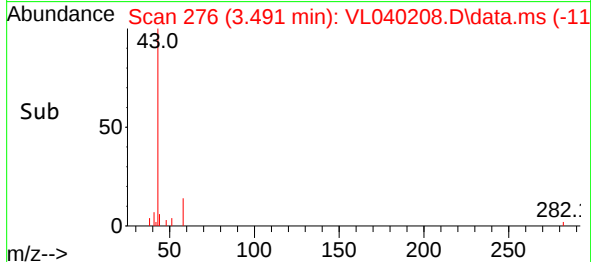
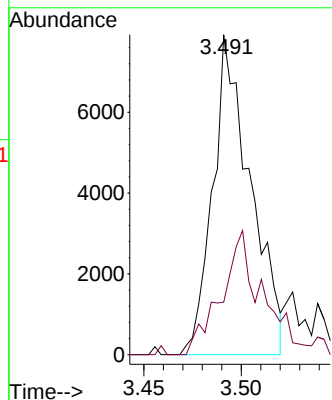
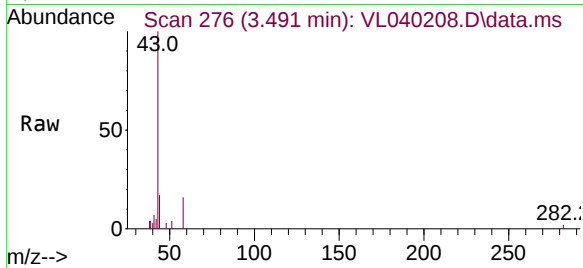




#15
Acetone
Concen: 0.109 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

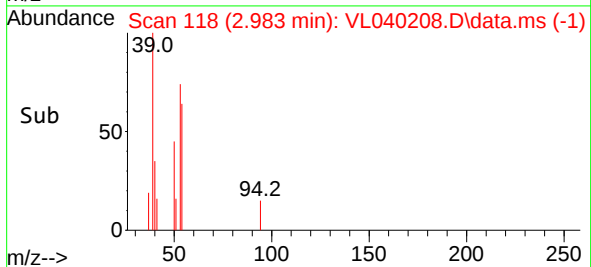
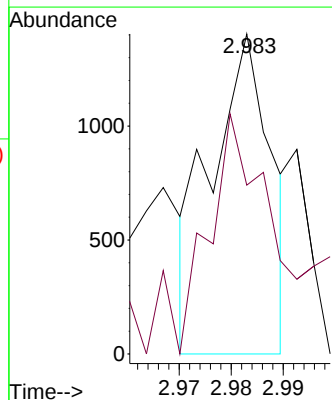
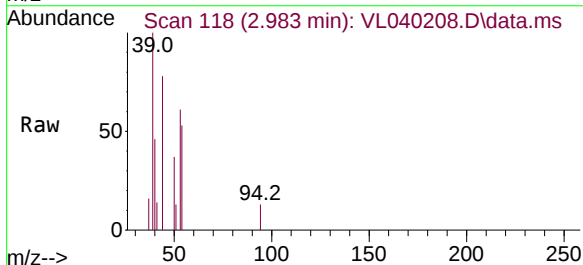
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

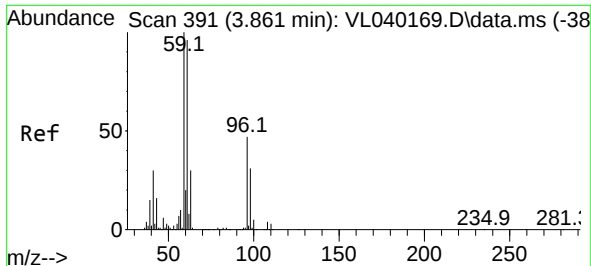
Tgt Ion: 43 Resp: 10657
Ion Ratio Lower Upper
43 100
58 45.3 22.4 33.6#



#16
1,3-Butadiene
Concen: 0.025 ppbv
RT: 2.983 min Scan# 118
Delta R.T. -0.003 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 39 Resp: 1127
Ion Ratio Lower Upper
39 100
54 102.8 66.7 100.1#





#17

tert-Butyl alcohol

Concen: 0.000 ppbv

RT: 3.886 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

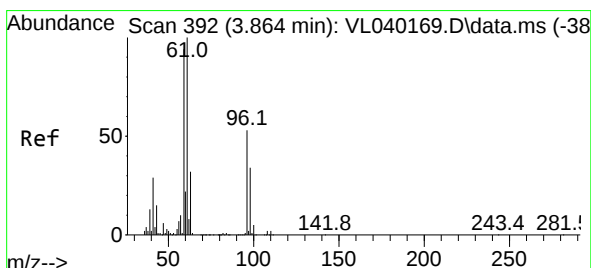
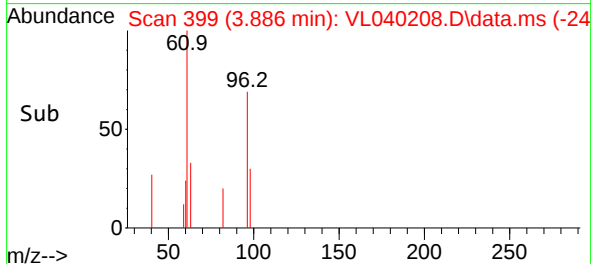
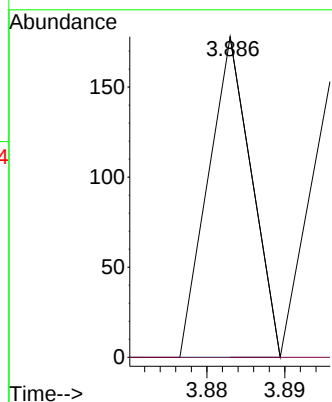
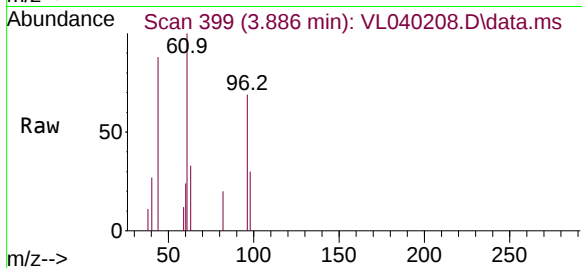
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 59 Resp: 34

Ion Ratio Lower Upper

59 100

57 355.9 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.014 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.010 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

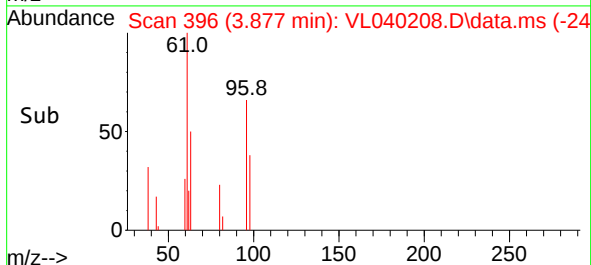
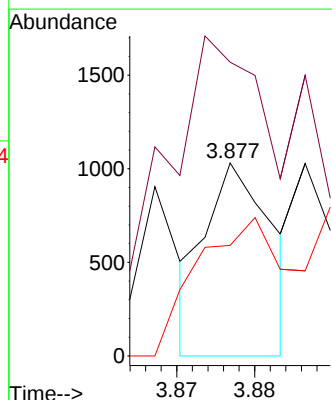
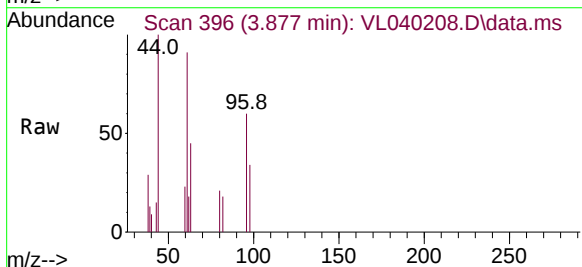
Tgt Ion: 96 Resp: 605

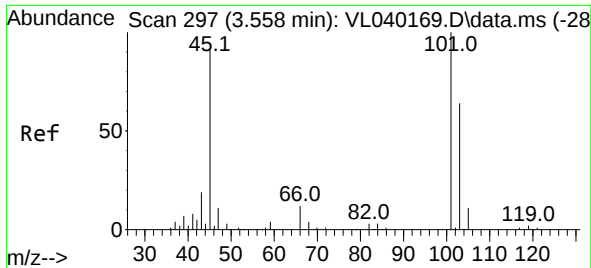
Ion Ratio Lower Upper

96 100

61 118.4 149.6 224.4#

98 45.1 51.1 76.7#





#19

Isopropyl Alcohol

Concen: 0.012 ppbv

RT: 3.597 min Scan# 309

Delta R.T. 0.016 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

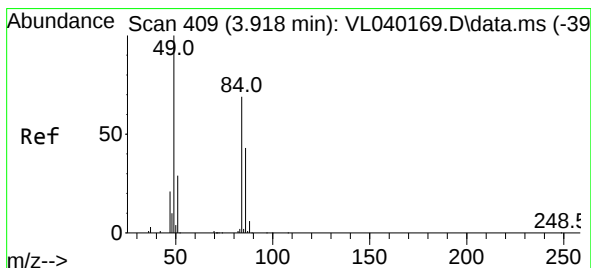
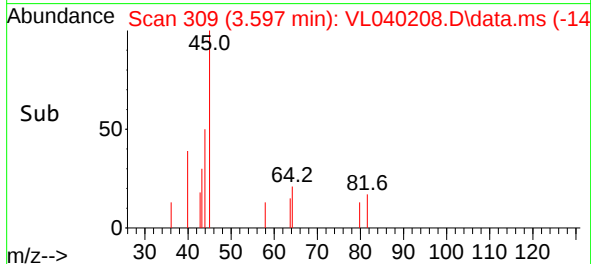
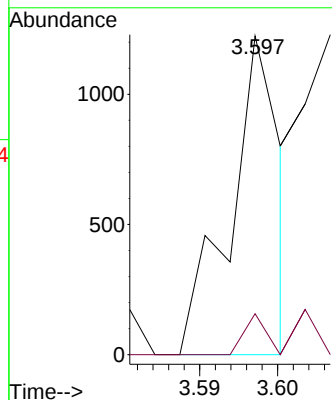
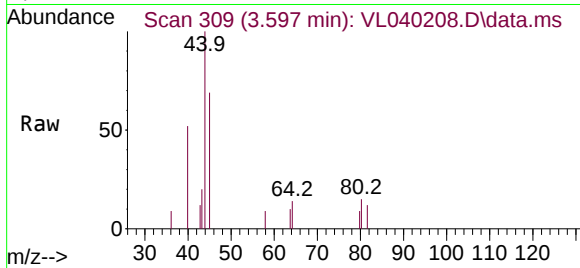
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 45 Resp: 548

Ion Ratio Lower Upper

45 100

58 0.0 2.6 3.8#



#20

Methylene Chloride

Concen: 0.075 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.013 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Tgt Ion: 84 Resp: 3786

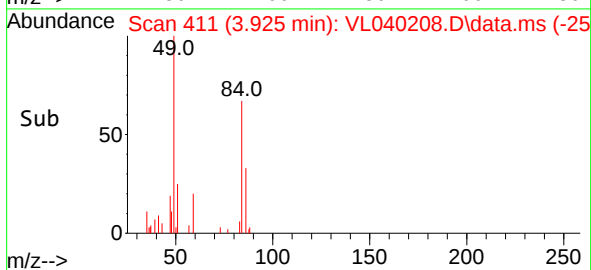
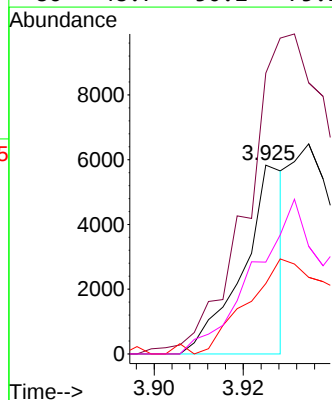
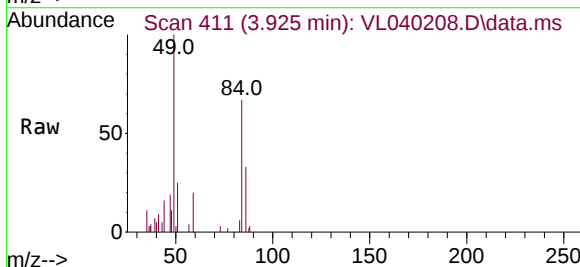
Ion Ratio Lower Upper

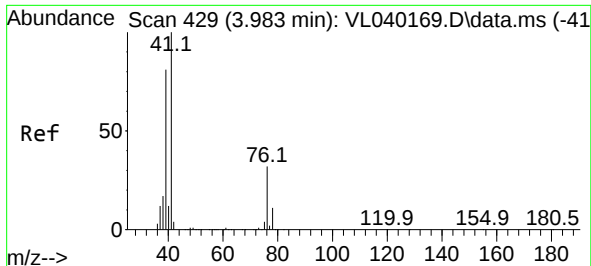
84 100

49 143.9 115.5 173.3

51 31.9 33.1 49.7#

86 48.7 50.2 75.2#

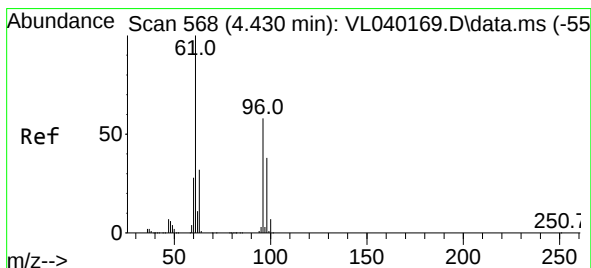
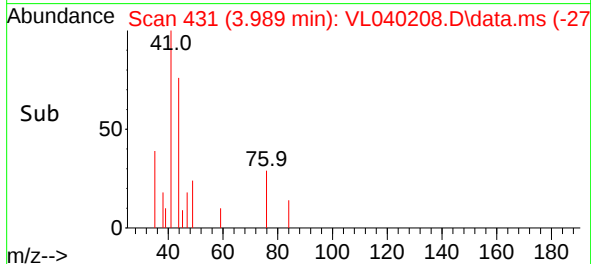
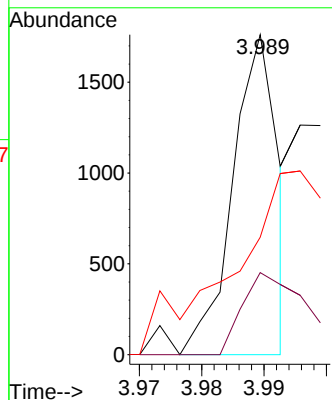
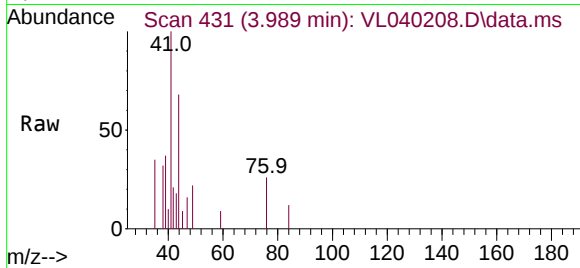




#21
 Allyl Chloride
 Concen: 0.015 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040208.D
 Acq: 21 Feb 2023 23:38

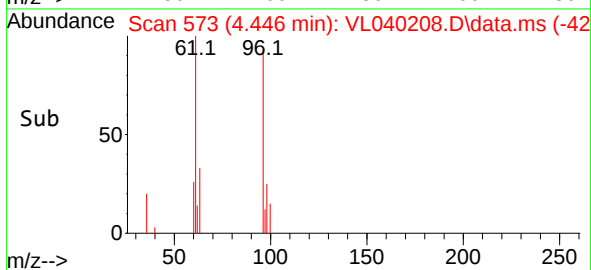
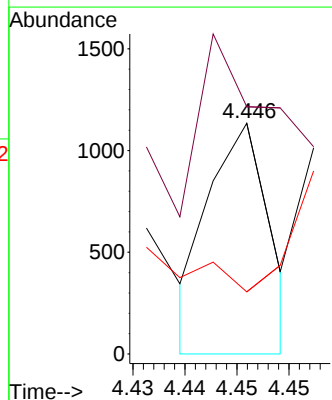
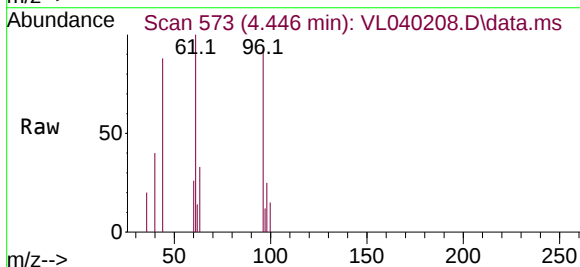
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

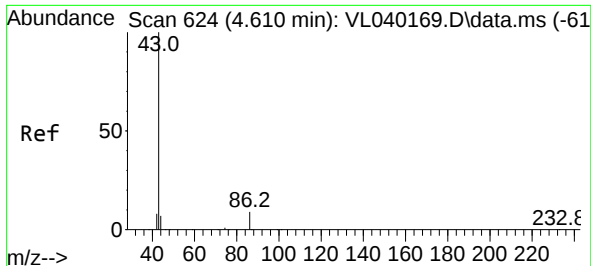
Tgt Ion: 41 Resp: 897
 Ion Ratio Lower Upper
 41 100
 76 48.2 25.5 38.3#
 39 0.0 64.5 96.7#



#22
 trans-1,2-Dichloroethene
 Concen: 0.010 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.010 min
 Lab File: VL040208.D
 Acq: 21 Feb 2023 23:38

Tgt Ion: 96 Resp: 460
 Ion Ratio Lower Upper
 96 100
 61 68.6 137.5 206.3#
 98 0.0 52.8 79.2#

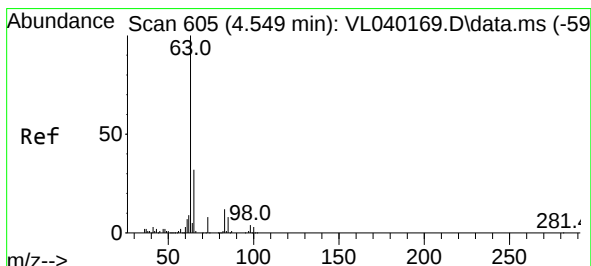
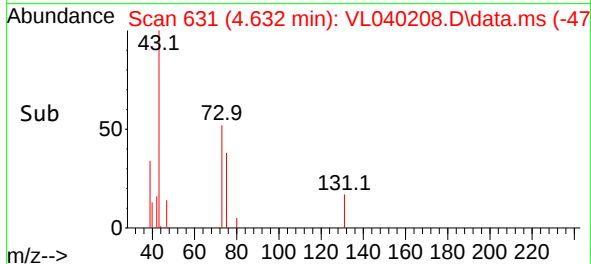
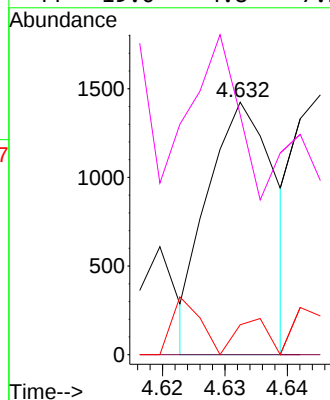
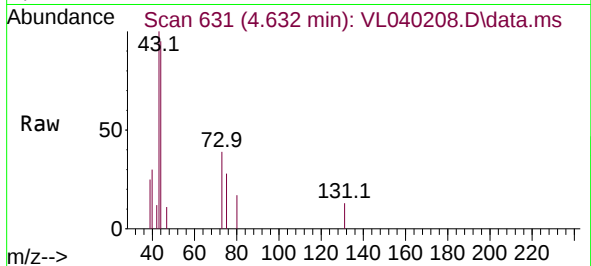




#23
 Vinyl Acetate
 Concen: 0.036 ppbv
 RT: 4.632 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040208.D
 Acq: 21 Feb 2023 23:38

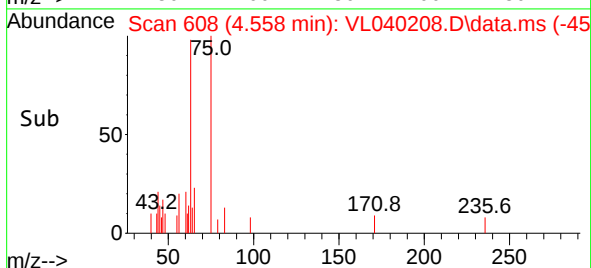
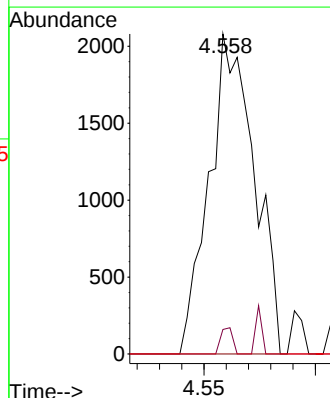
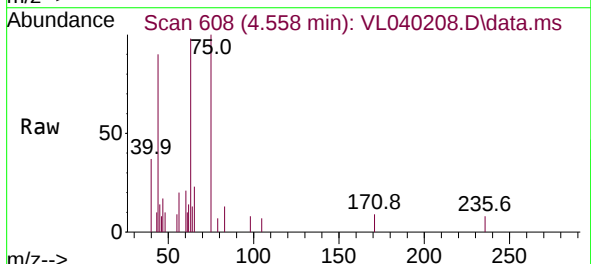
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

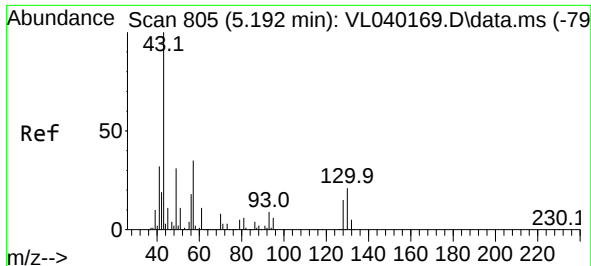
Tgt Ion: 43	Resp:	1065
Ion	Ratio	Lower Upper
43	100	
86	0.0	5.6 8.4#
42	14.8	7.6 11.4#
44	19.0	4.8 7.2#



#24
 1,1-Dichloroethane
 Concen: 0.032 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.016 min
 Lab File: VL040208.D
 Acq: 21 Feb 2023 23:38

Tgt Ion: 63	Resp:	2941
Ion	Ratio	Lower Upper
63	100	
98	7.7	2.3 6.8#
100	0.0	1.4 4.0#





#25

Ethyl Acetate

Concen: 0.003 ppbv

RT: 5.205 min Scan# 80

Delta R.T. -0.013 min

Lab File: VL040208.D

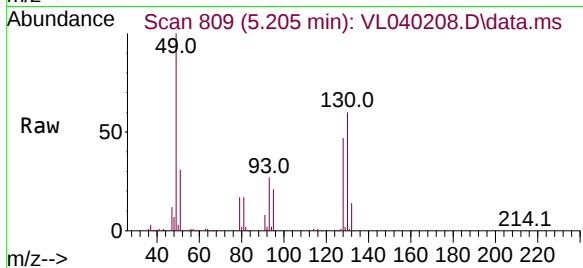
Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 43 Resp: 520

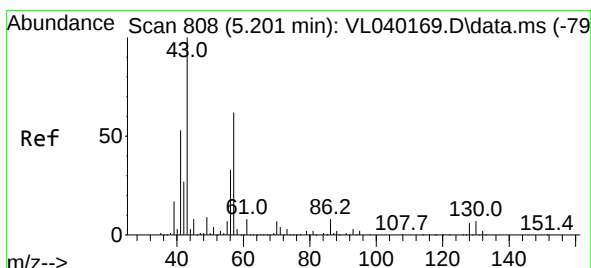
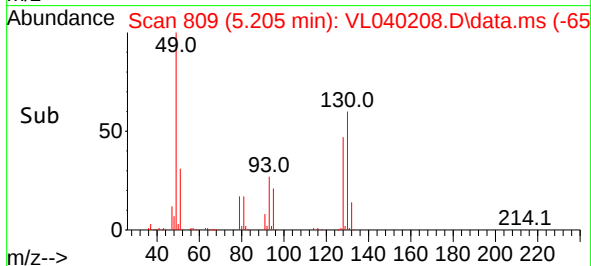
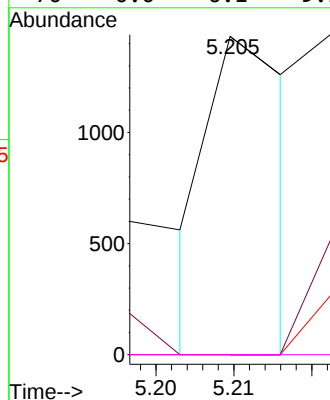
Ion Ratio Lower Upper

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: 0.035 ppbv

RT: 5.214 min Scan# 812

Delta R.T. -0.010 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Tgt Ion: 57 Resp: 2750

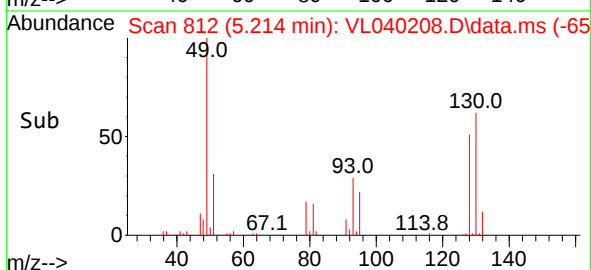
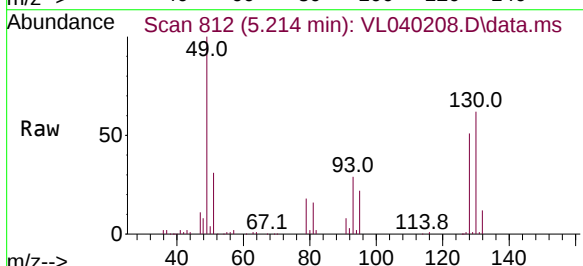
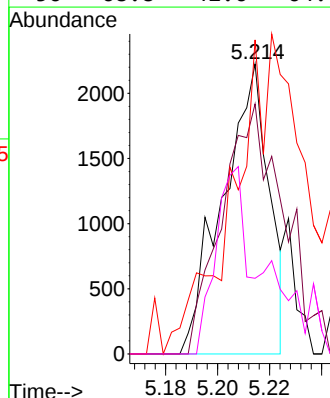
Ion Ratio Lower Upper

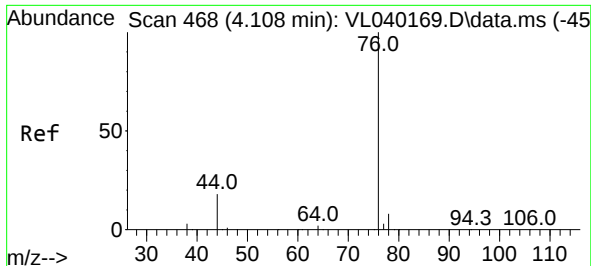
57 100

41 116.1 74.3 111.5#

43 0.0 193.0 289.4#

56 68.8 42.6 64.0#





#27

Carbon Disulfide

Concen: 0.006 ppbv

RT: 4.124 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040208.D

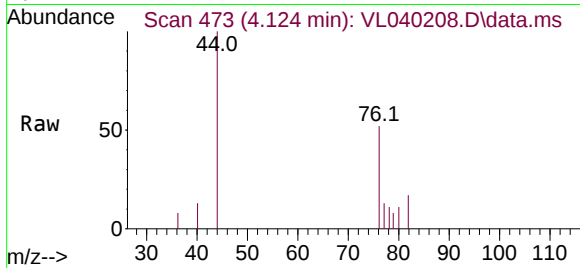
Acq: 21 Feb 2023 23:38

Instrument :

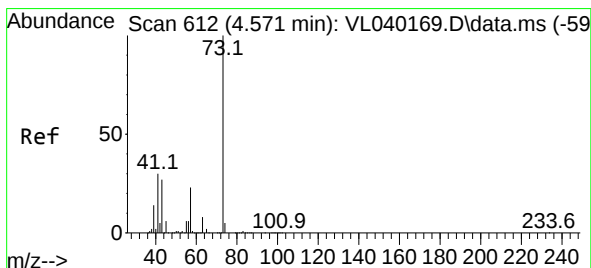
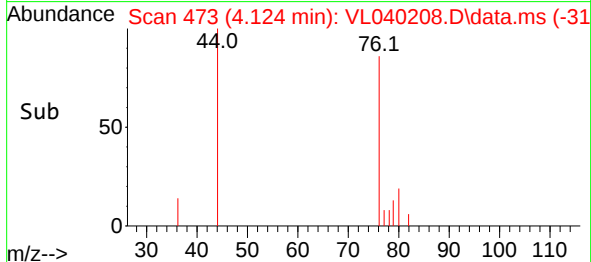
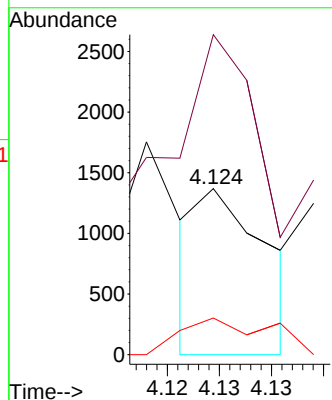
MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



Tgt Ion:	76	Resp:	623
Ion	Ratio	Lower	Upper
76	100		
44	487.3	15.3	22.9#
78	0.0	7.7	11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.002 ppbv

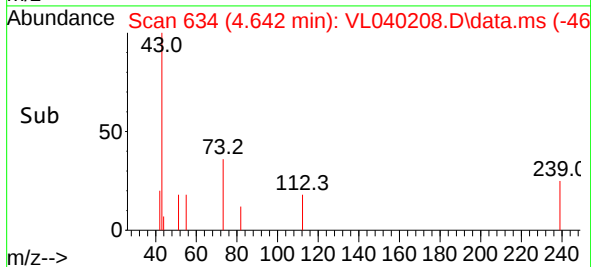
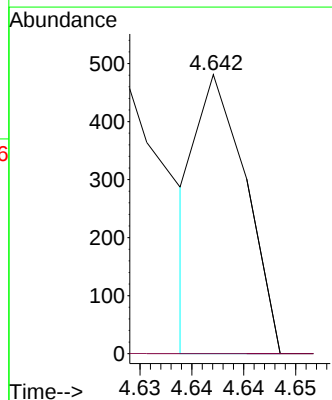
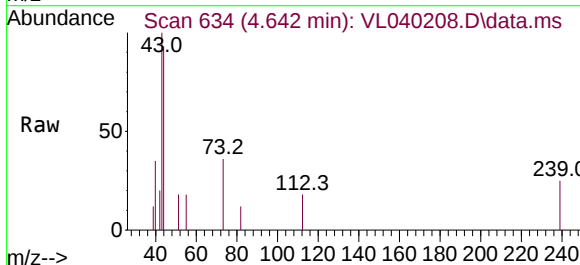
RT: 4.642 min Scan# 634

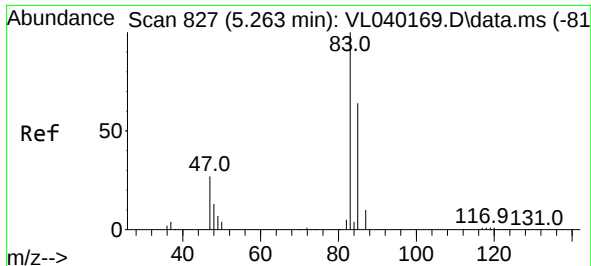
Delta R.T. 0.045 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Tgt Ion:	73	Resp:	151
Ion	Ratio	Lower	Upper
73	100		
57	19.9	18.8	28.2

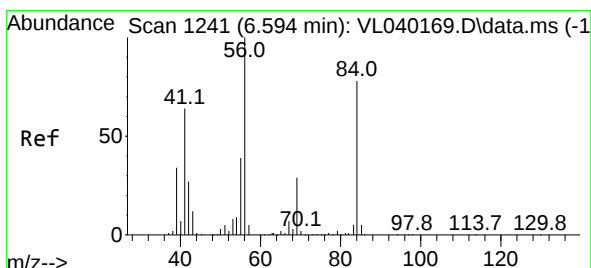
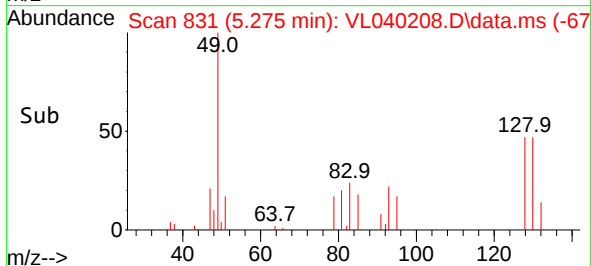
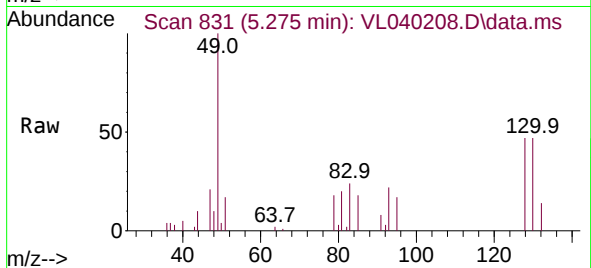




#29
Chloroform
Concen: 0.011 ppbv
RT: 5.275 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

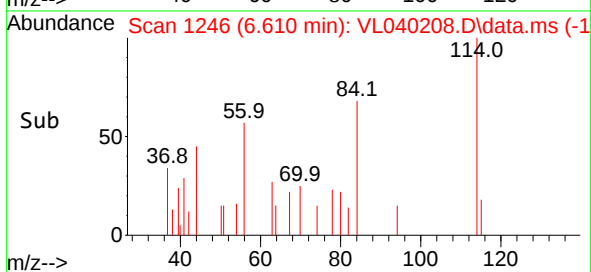
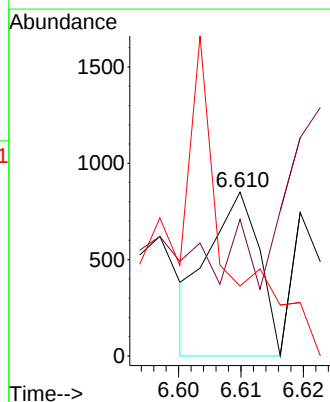
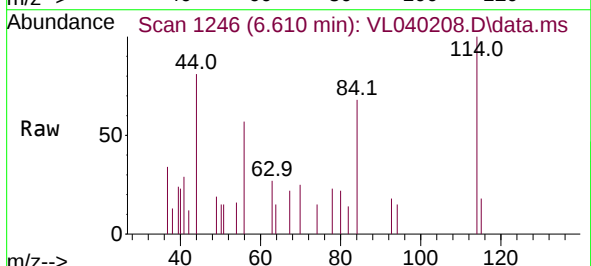
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

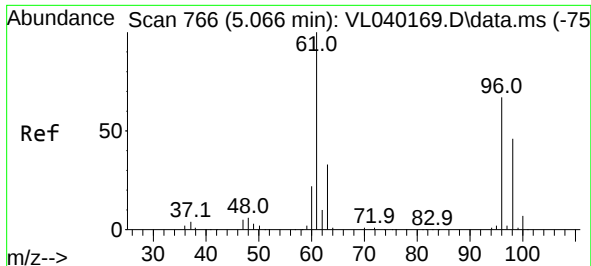
Tgt Ion: 83 Resp: 1483
Ion Ratio Lower Upper
83 100
85 78.6 51.5 77.3#



#30
Cyclohexane
Concen: 0.008 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. -0.013 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 84 Resp: 483
Ion Ratio Lower Upper
84 100
56 0.0 109.9 164.9#
41 288.4 67.8 101.6#





#31

cis-1,2-Dichloroethene

Concen: 0.019 ppbv

RT: 5.079 min Scan# 71

Delta R.T. -0.013 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

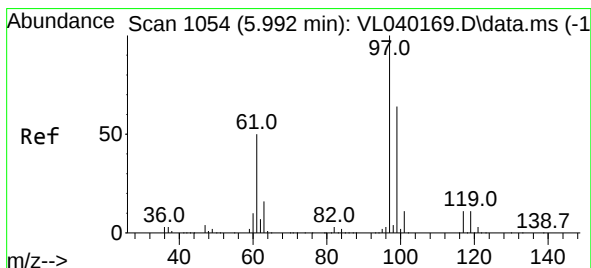
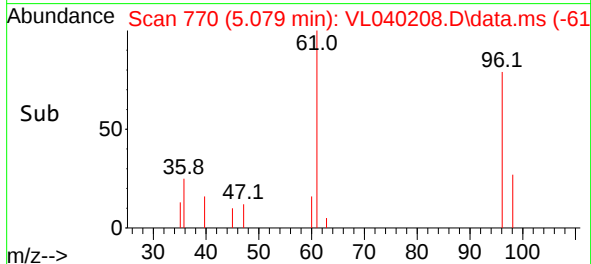
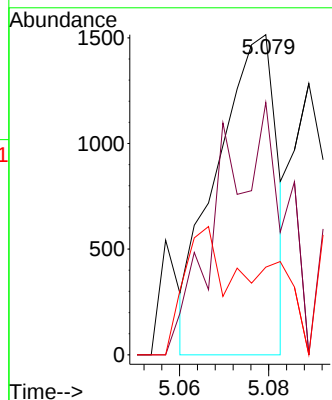
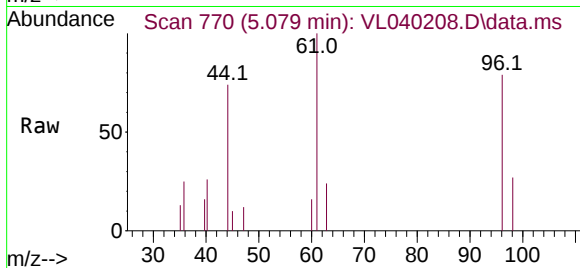
Tgt Ion: 61 Resp: 1423

Ion Ratio Lower Upper

61 100

96 81.5 53.7 80.5#

98 9.1 36.4 54.6#



#32

1,1,1-Trichloroethane

Concen: 0.005 ppbv

RT: 6.015 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

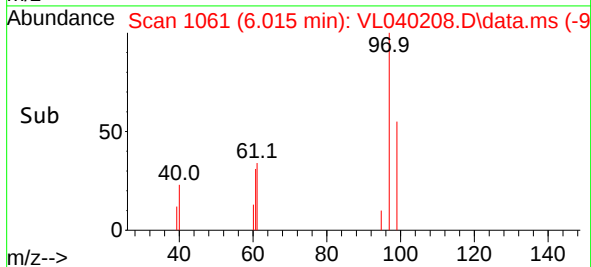
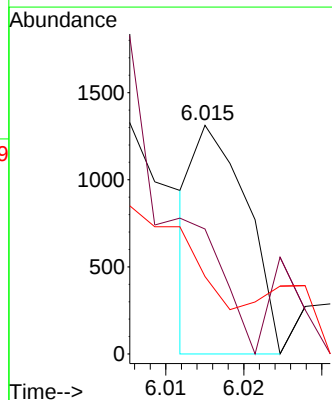
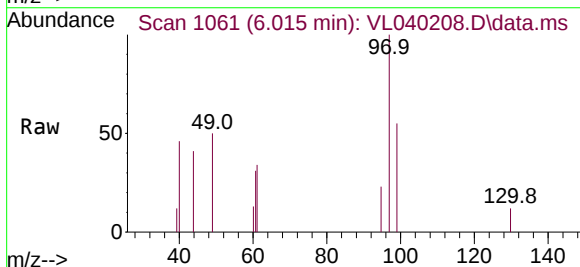
Tgt Ion: 97 Resp: 613

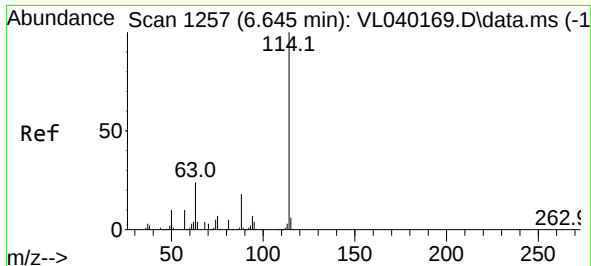
Ion Ratio Lower Upper

97 100

99 369.7 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. -0.022 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

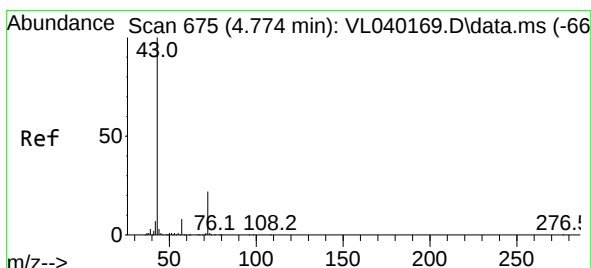
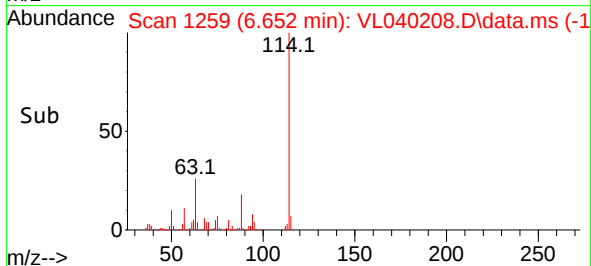
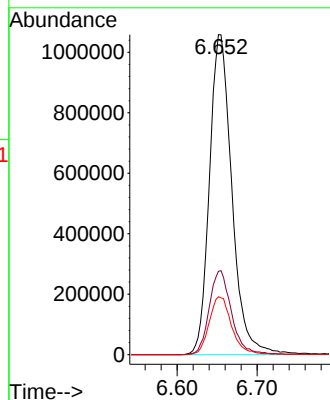
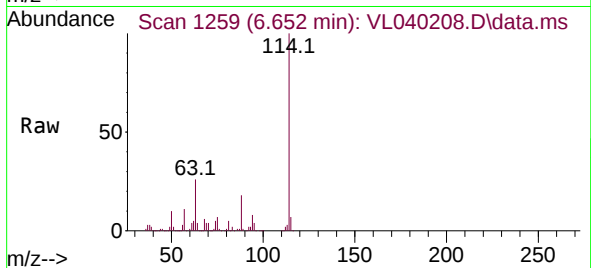
Tgt Ion:114 Resp: 2060545

Ion Ratio Lower Upper

114 100

63 26.4 20.4 30.6

88 18.3 14.3 21.5



#34

2-Butanone

Concen: 0.000 ppbv

RT: 4.748 min Scan# 667

Delta R.T. -0.048 min

Lab File: VL040208.D

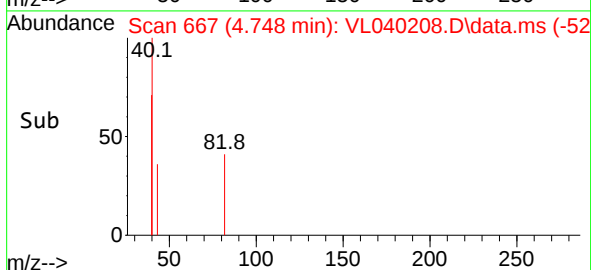
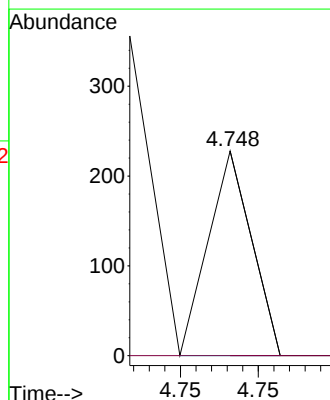
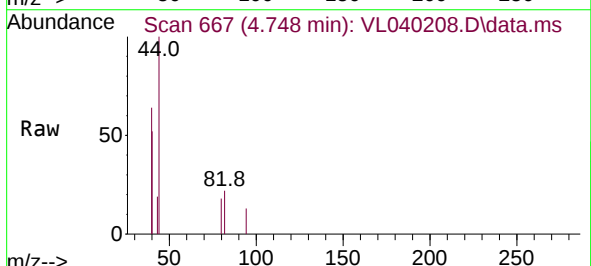
Acq: 21 Feb 2023 23:38

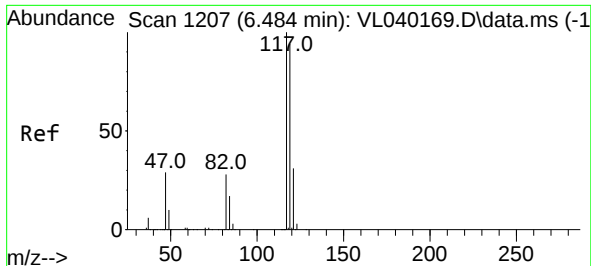
Tgt Ion: 43 Resp: 44

Ion Ratio Lower Upper

43 100

72 86.4 17.8 26.8#

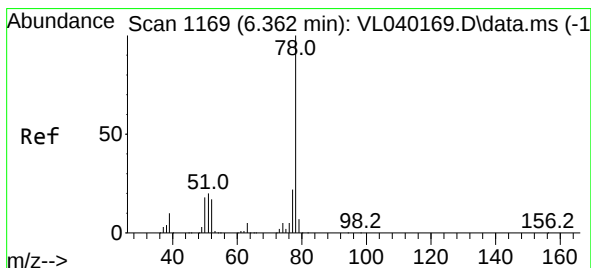
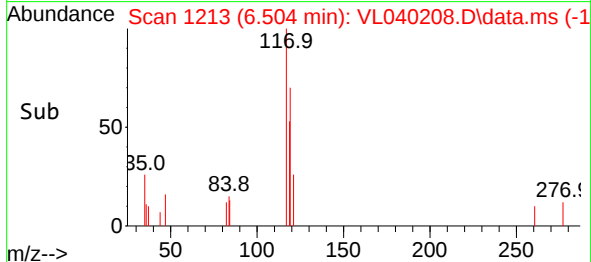
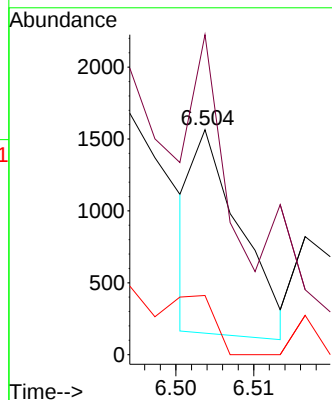
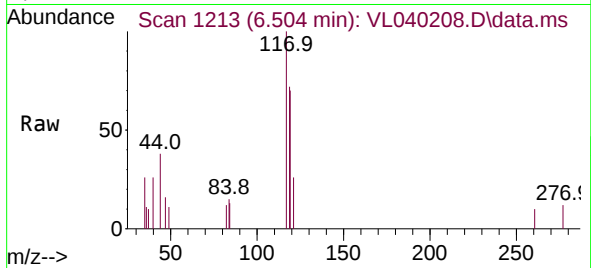




#35
Carbon Tetrachloride
Concen: 0.005 ppbv
RT: 6.504 min Scan# 1171
Delta R.T. -0.010 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

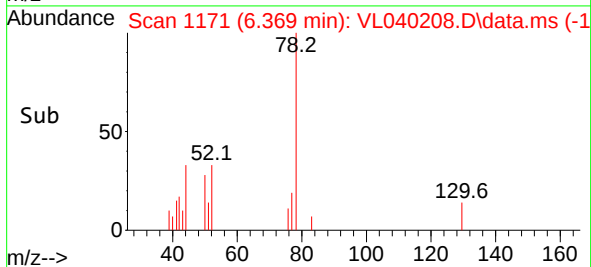
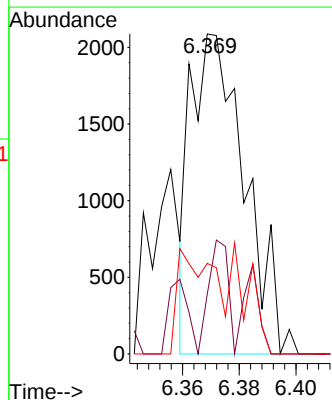
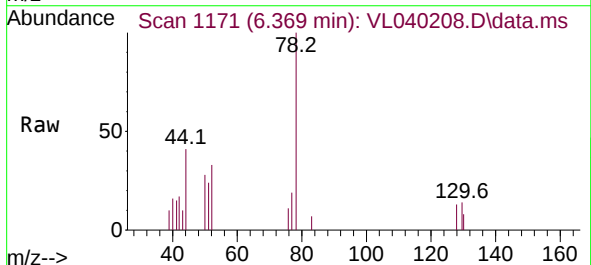
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

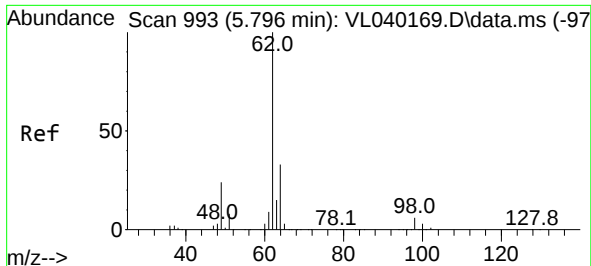
Tgt Ion:117 Resp: 587
Ion Ratio Lower Upper
117 100
119 94.3 75.0 112.6
121 32.9 25.0 37.4



#36
Benzene
Concen: 0.017 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.019 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 78 Resp: 2744
Ion Ratio Lower Upper
78 100
77 18.6 17.5 26.3
50 28.3 14.6 22.0#

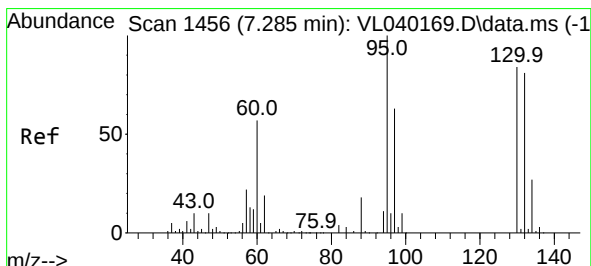
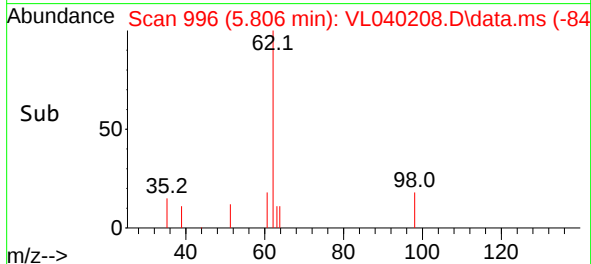
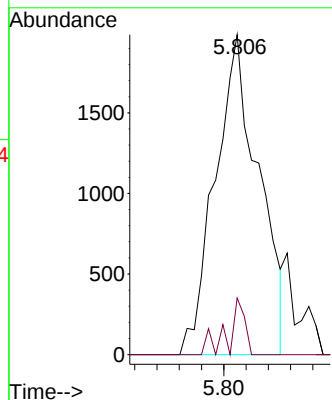
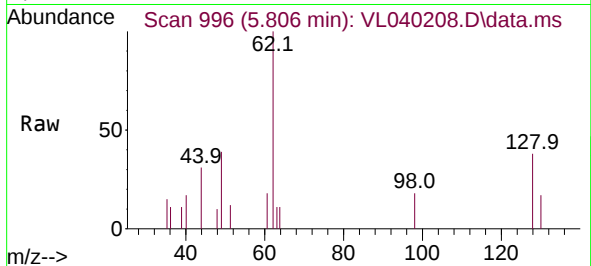




#37
1,2-Dichloroethane
Concen: 0.027 ppbv
RT: 5.806 min Scan# 91
Delta R.T. -0.016 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

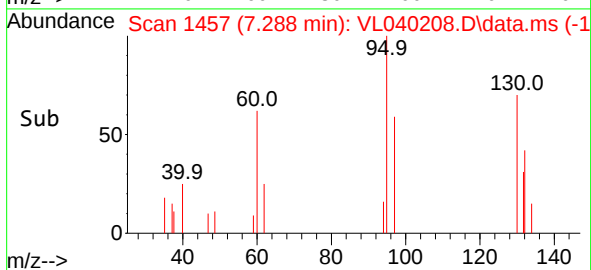
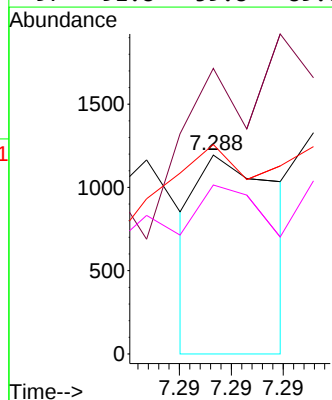
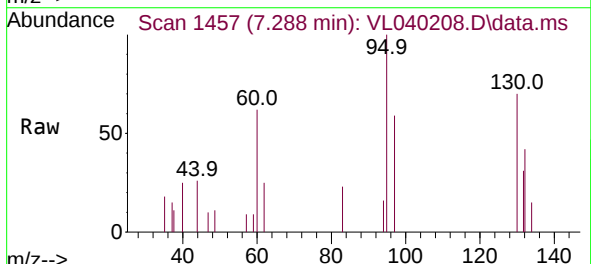
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

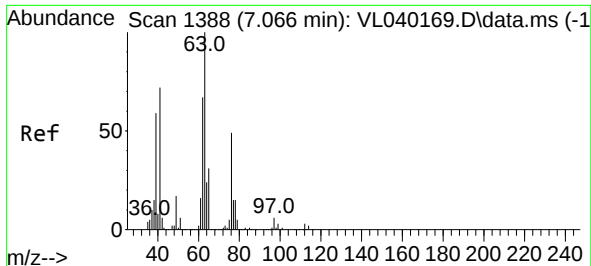
Tgt Ion: 62 Resp: 2693
Ion Ratio Lower Upper
62 100
98 6.7 4.7 7.1



#38
Trichloroethene
Concen: 0.007 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.026 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion:130 Resp: 633
Ion Ratio Lower Upper
130 100
95 58.1 94.7 142.1#
132 50.4 76.4 114.6#
97 91.8 59.8 89.6#





#39

1,2-Dichloropropane

Concen: 8.628 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.440 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

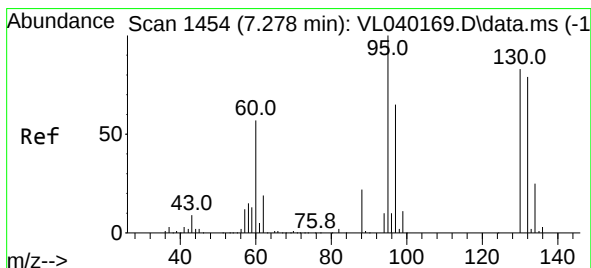
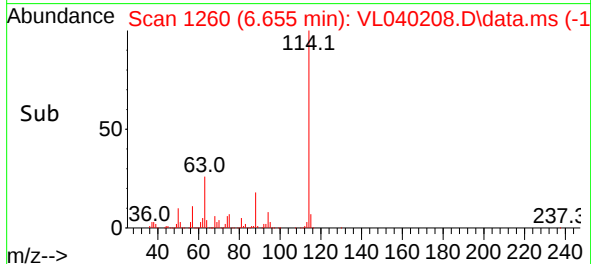
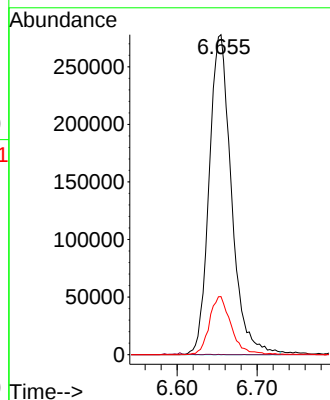
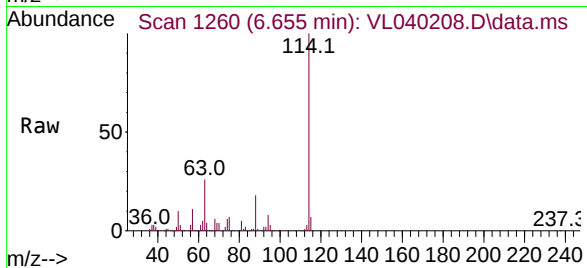
Tgt Ion: 63 Resp: 538193

Ion Ratio Lower Upper

63 100

41 0.0 57.6 86.4#

62 18.2 54.0 81.0#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.353 min Scan# 1477

Delta R.T. 0.045 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Tgt Ion: 88 Resp: 82

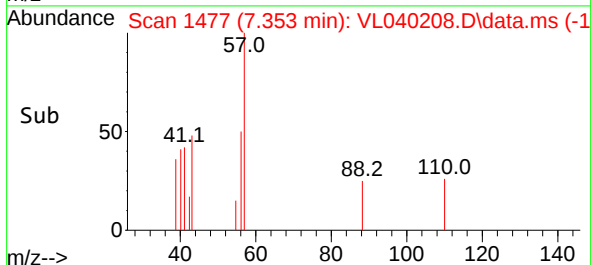
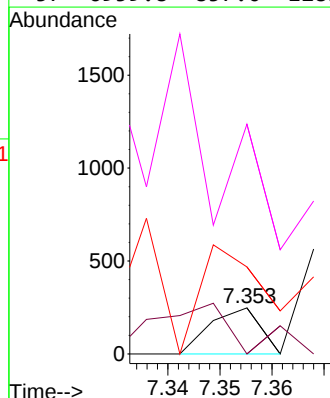
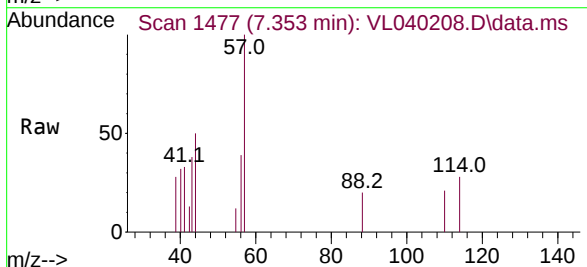
Ion Ratio Lower Upper

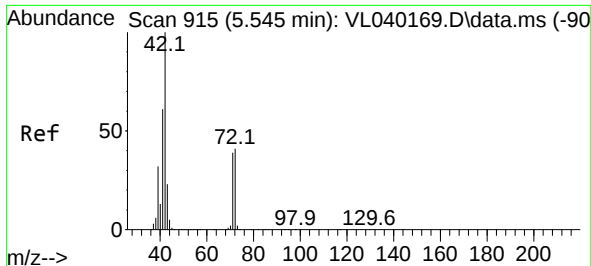
88 100

58 426.8 97.4 146.0#

43 1676.8 193.5 290.3#

57 6959.8 857.0 1285.6#





#41

Tetrahydrofuran

Concen: 0.001 ppbv

RT: 5.581 min Scan# 915

Delta R.T. 0.010 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

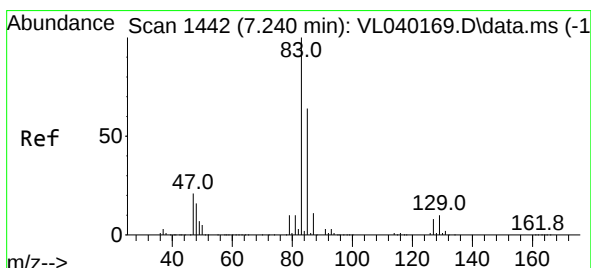
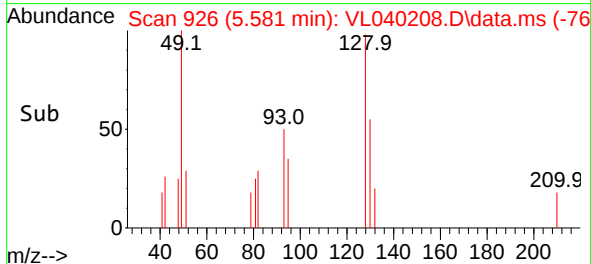
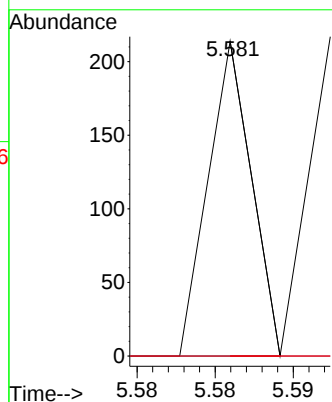
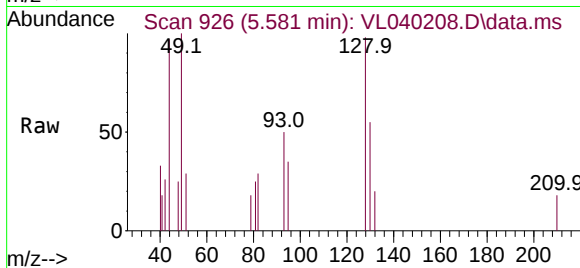
Tgt Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

72 226.8 33.0 49.4#

71 0.0 31.4 47.2#



#42

Bromodichloromethane

Concen: 0.022 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. -0.016 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

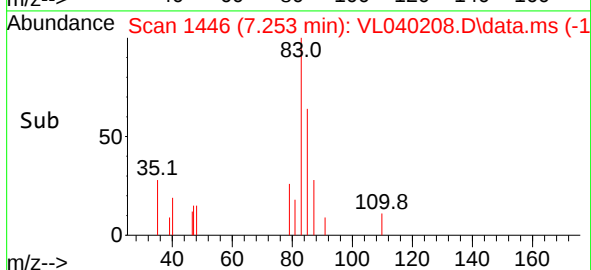
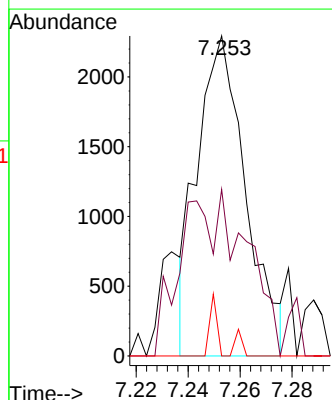
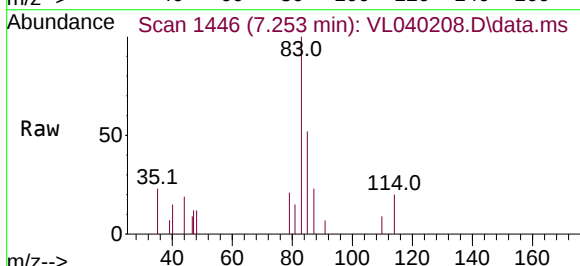
Tgt Ion: 83 Resp: 2977

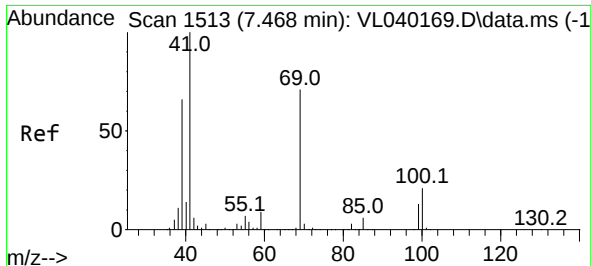
Ion Ratio Lower Upper

83 100

85 62.2 50.9 76.3

127 0.0 6.2 9.2#





#43

Methyl Methacrylate

Concen: 0.007 ppbv

RT: 7.491 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

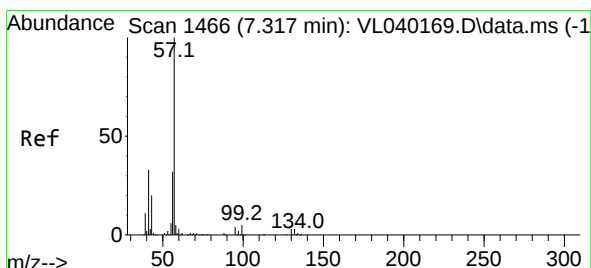
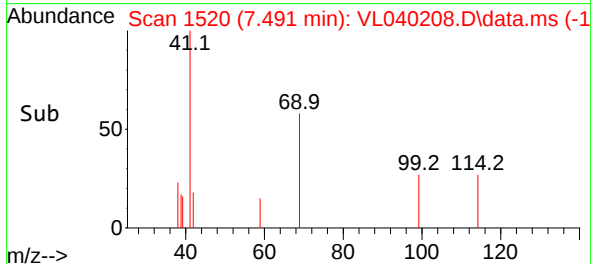
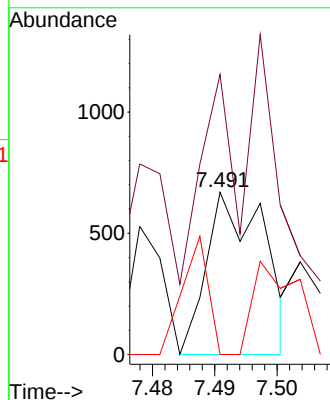
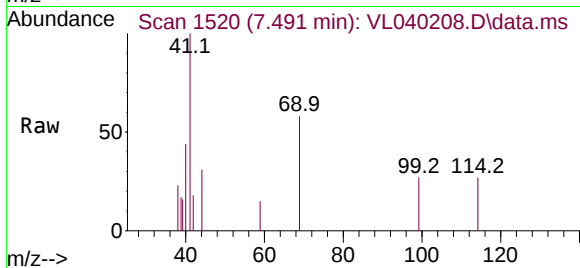
Tgt Ion: 69 Resp: 431

Ion Ratio Lower Upper

69 100

41 0.0 116.6 174.8#

100 76.1 25.6 38.4#



#44

2,2,4-Trimethylpentane

Concen: 0.005 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. -0.032 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

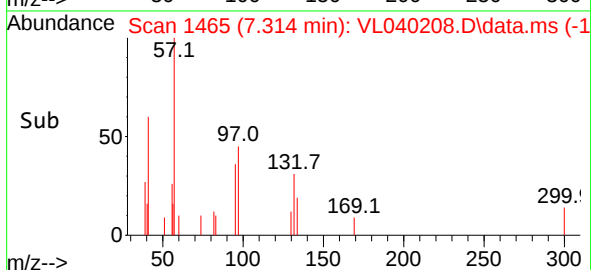
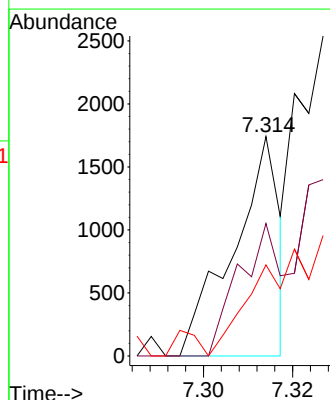
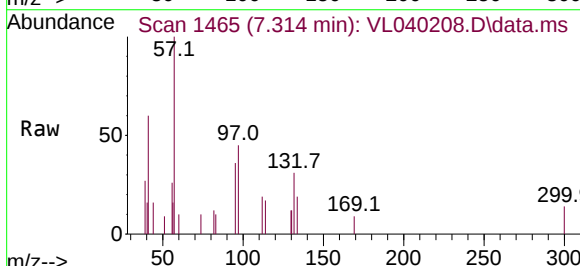
Tgt Ion: 57 Resp: 1259

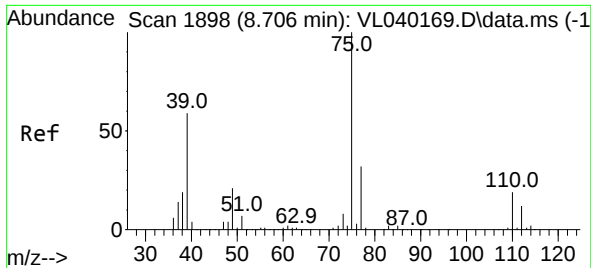
Ion Ratio Lower Upper

57 100

41 0.0 26.2 39.4#

56 0.0 24.9 37.3#

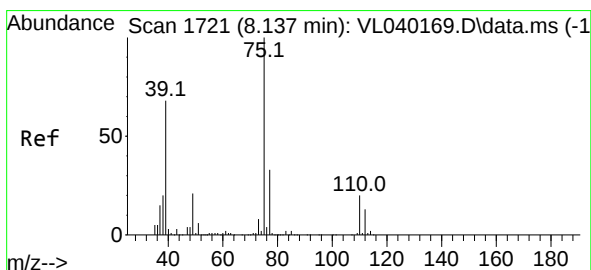
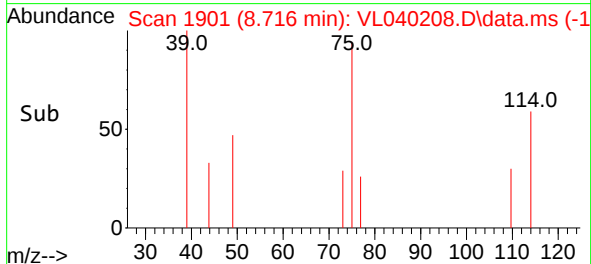
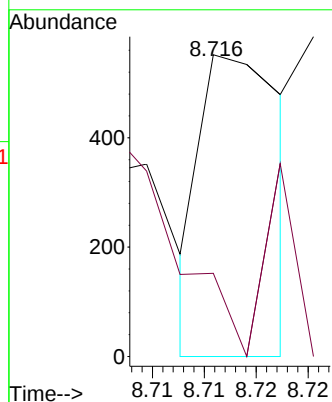
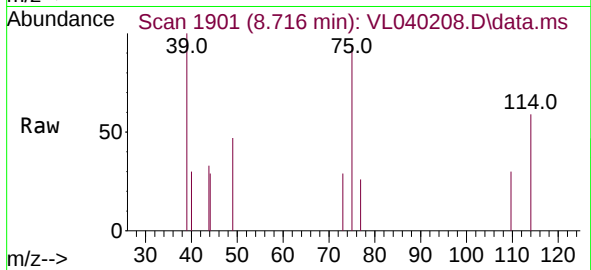




#45
 t-1,3-Dichloropropene
 Concen: 0.006 ppbv
 RT: 8.716 min Scan# 1901
 Delta R.T. -0.019 min
 Lab File: VL040208.D
 Acq: 21 Feb 2023 23:38

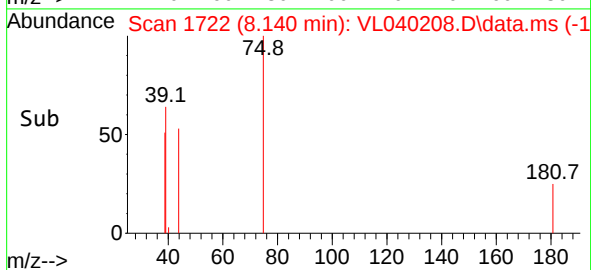
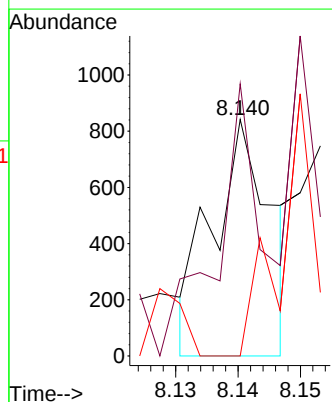
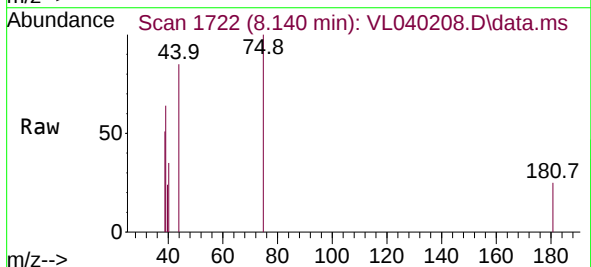
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

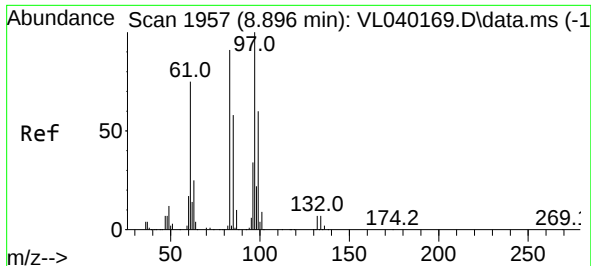
Tgt Ion: 75 Resp: 302
 Ion Ratio Lower Upper
 75 100
 77 27.5 25.7 38.5



#46
 cis-1,3-Dichloropropene
 Concen: 0.007 ppbv
 RT: 8.140 min Scan# 1722
 Delta R.T. -0.022 min
 Lab File: VL040208.D
 Acq: 21 Feb 2023 23:38

Tgt Ion: 75 Resp: 544
 Ion Ratio Lower Upper
 75 100
 39 142.0 54.2 81.2#
 77 0.0 26.0 39.0#





#47

1,1,2-Trichloroethane

Concen: 0.004 ppbv

RT: 8.889 min Scan# 1955

Delta R.T. -0.035 min

Lab File: VL040208.D

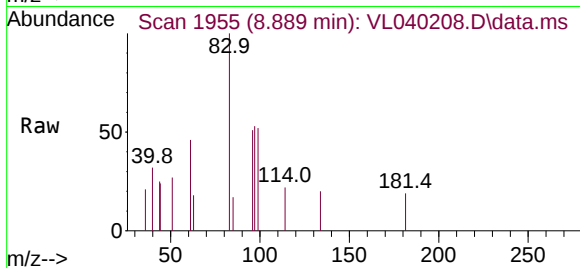
Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 97 Resp: 238

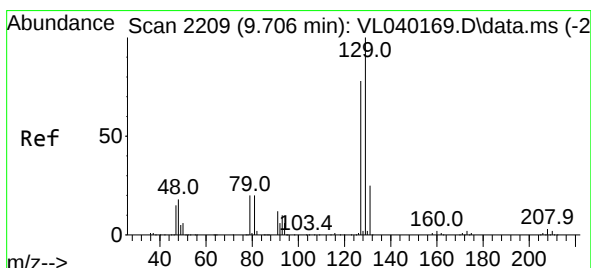
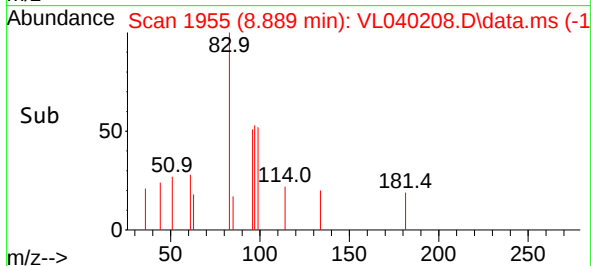
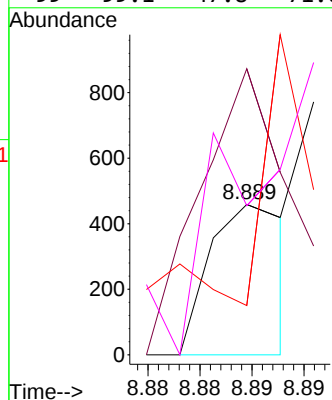
Ion Ratio Lower Upper

97 100

83 111.5 72.8 109.2#

85 0.0 46.6 69.8#

99 99.1 47.8 71.6#



#48

Dibromochloromethane

Concen: 0.003 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.042 min

Lab File: VL040208.D

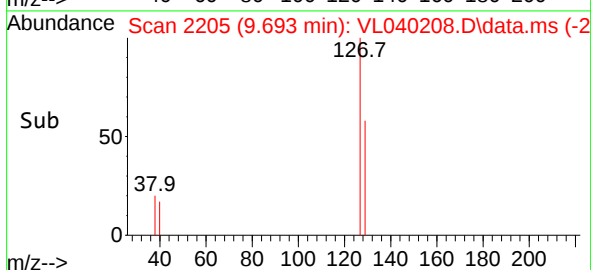
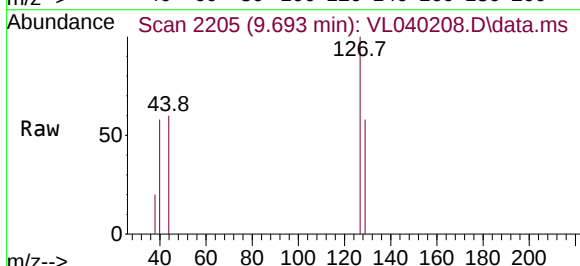
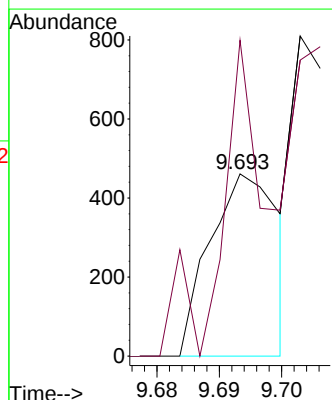
Acq: 21 Feb 2023 23:38

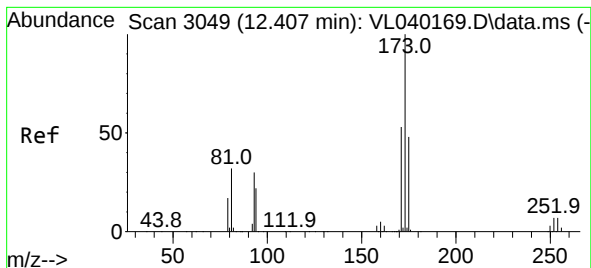
Tgt Ion: 129 Resp: 353

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#





#49

Bromoform

Concen: 0.004 ppbv

RT: 12.397 min Scan# 3049

Delta R.T. -0.039 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

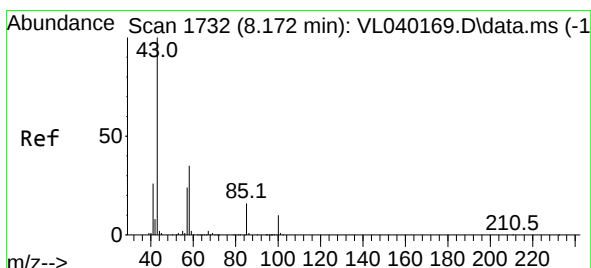
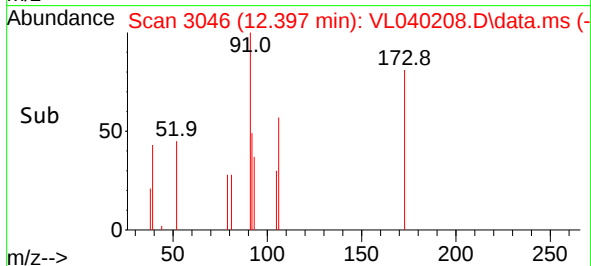
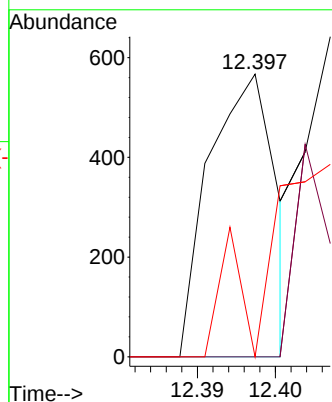
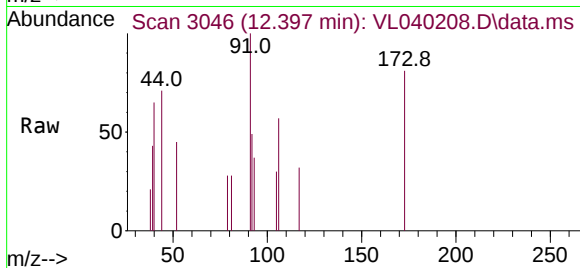
Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

Tgt Ion:	173	Resp:	338
Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.4	59.0#
171	0.0	41.8	62.6#



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

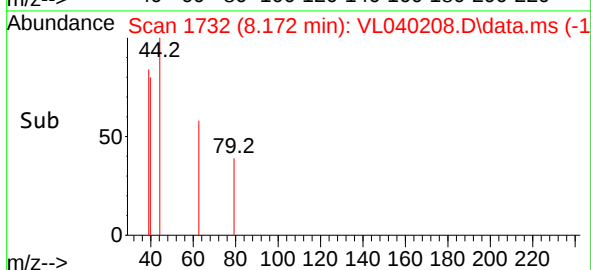
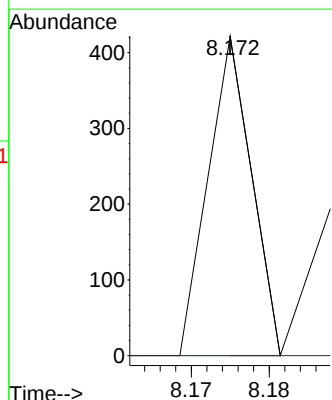
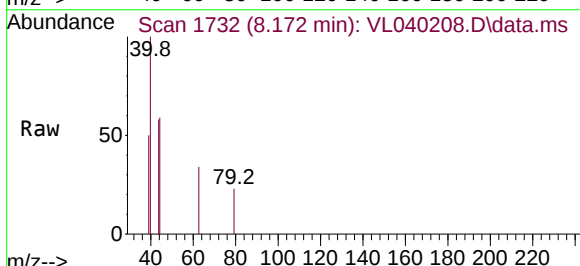
RT: 8.172 min Scan# 1732

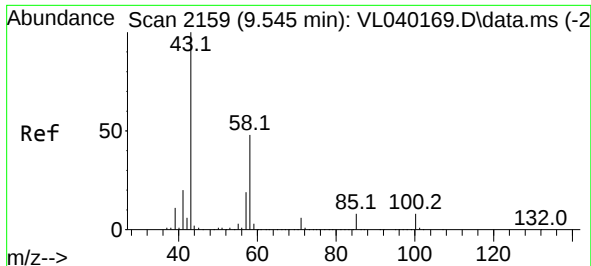
Delta R.T. -0.029 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Tgt Ion:	43	Resp:	81
Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.2	43.8#

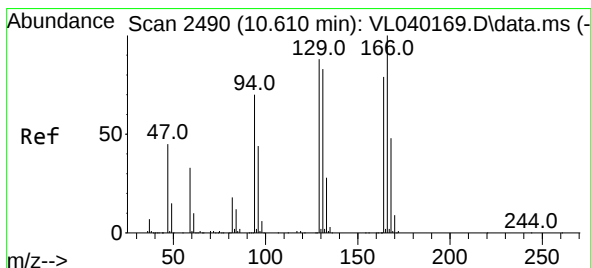
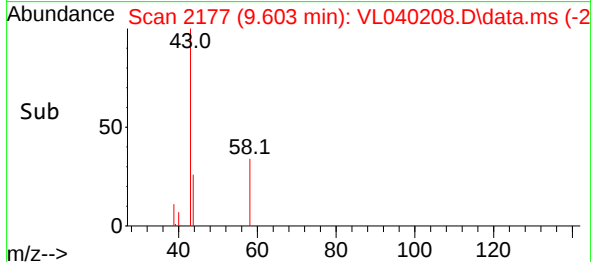
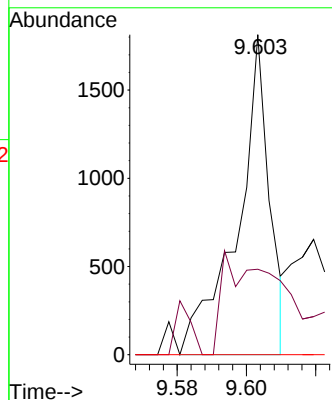
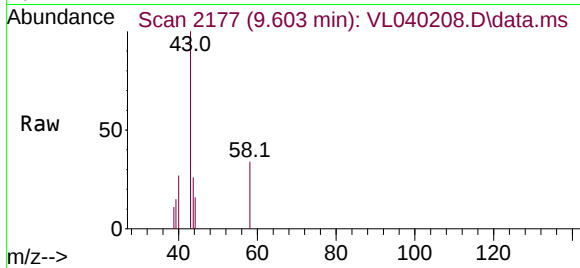




#51
2-Hexanone
Concen: 0.010 ppbv
RT: 9.603 min Scan# 2159
Delta R.T. 0.029 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

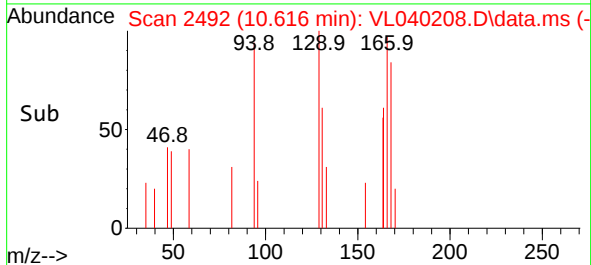
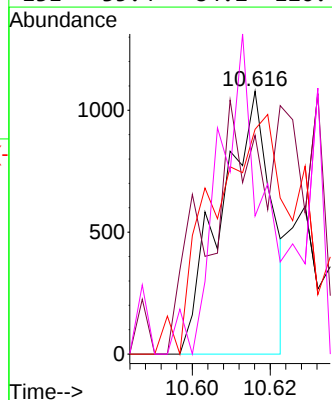
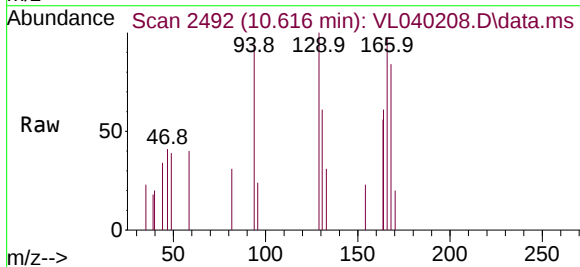
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

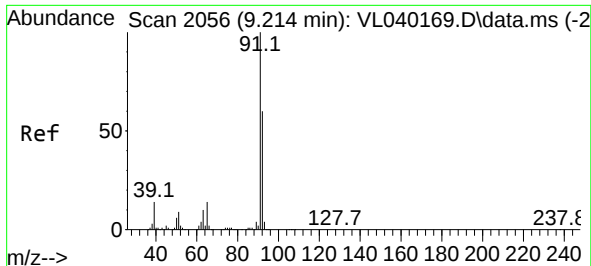
Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
58 75.9 39.1 58.7#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.019 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.026 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 164 Resp: 967
Ion Ratio Lower Upper
164 100
166 51.3 101.5 152.3#
129 85.5 89.0 133.4#
131 35.4 84.2 126.4#

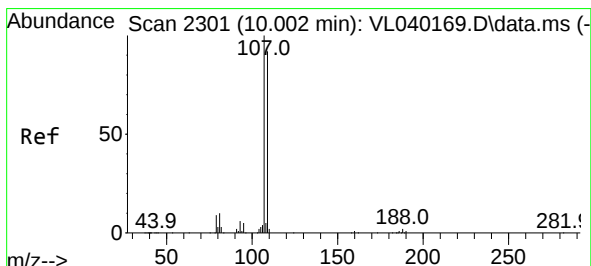
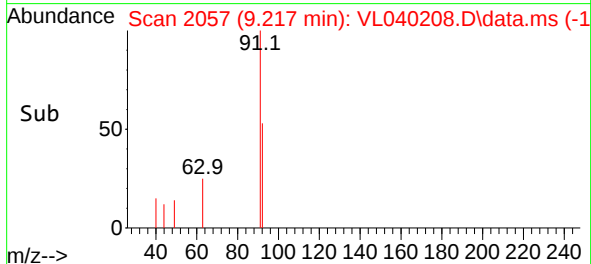
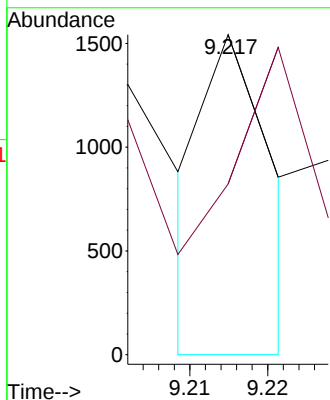
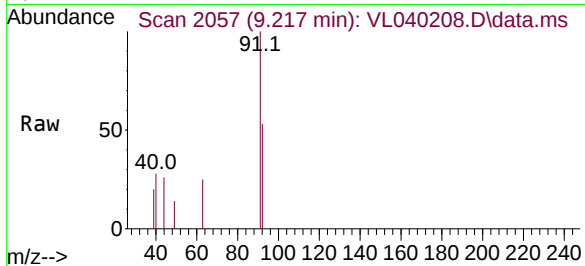




#53
Toluene
Concen: 0.003 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. -0.029 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

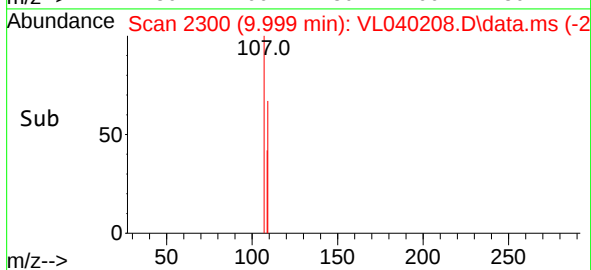
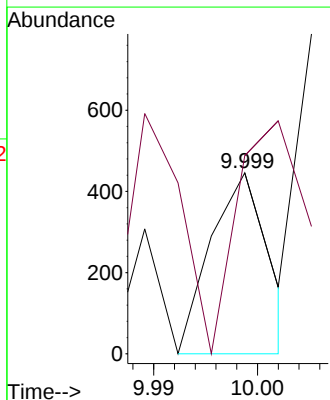
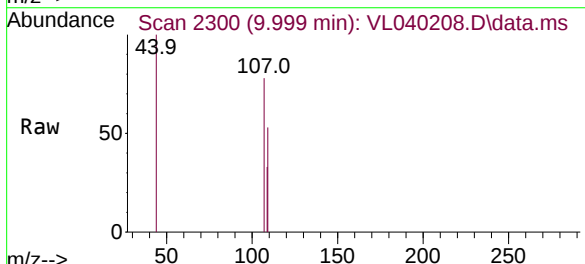
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT1-2023

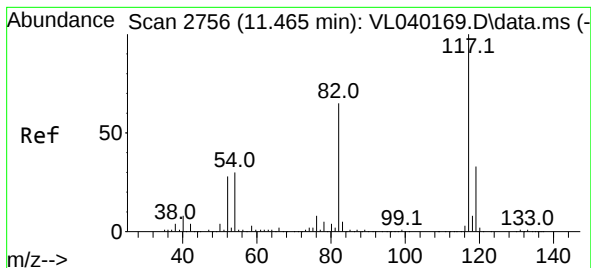
Tgt Ion: 91 Resp: 463
Ion Ratio Lower Upper
91 100
92 548.2 48.9 73.3#



#54
1,2-Dibromoethane
Concen: 0.002 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.035 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 107 Resp: 174
Ion Ratio Lower Upper
107 100
109 15.0 73.8 110.8#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 21

Delta R.T. -0.019 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

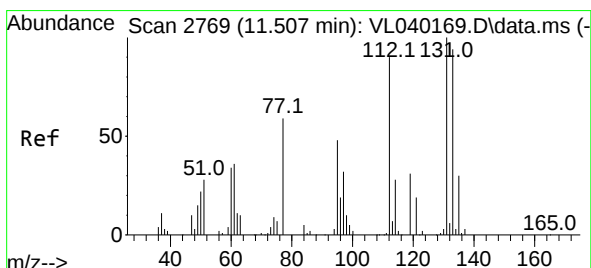
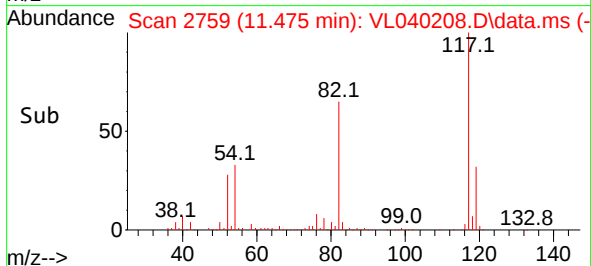
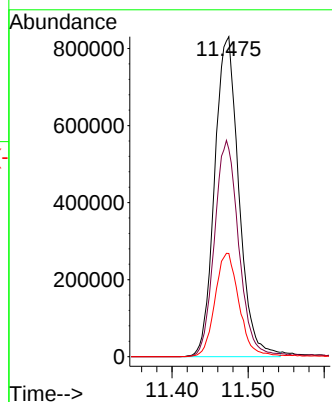
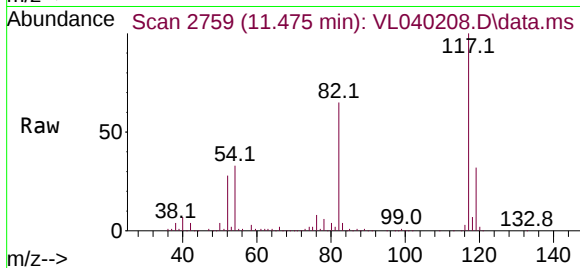
Tgt Ion:117 Resp: 1841153

Ion Ratio Lower Upper

117 100

82 68.1 53.3 79.9

119 32.6 24.6 37.0



#56

1,1,1,2-Tetrachloroethane

Concen: 0.017 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. -0.022 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

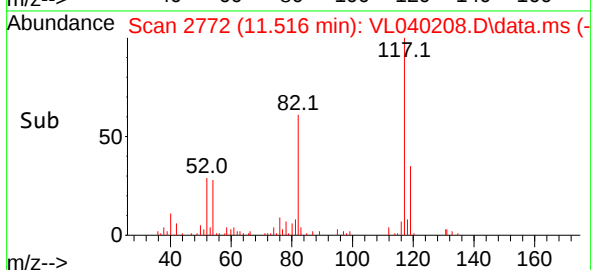
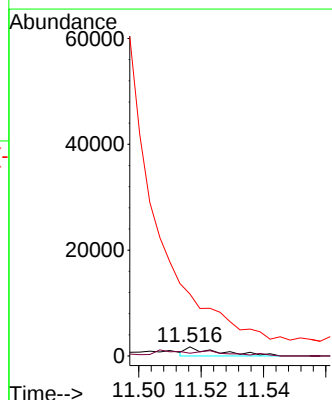
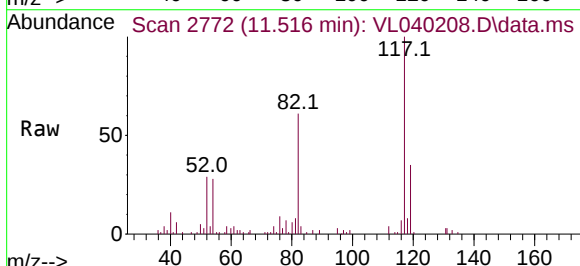
Tgt Ion:131 Resp: 1278

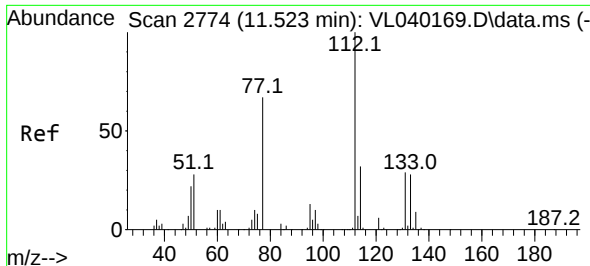
Ion Ratio Lower Upper

131 100

133 0.0 76.2 114.2#

119 0.0 45.4 68.0#





#57

Chlorobenzene

Concen: 0.010 ppbv

RT: 11.532 min Scan# 21

Delta R.T. -0.022 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

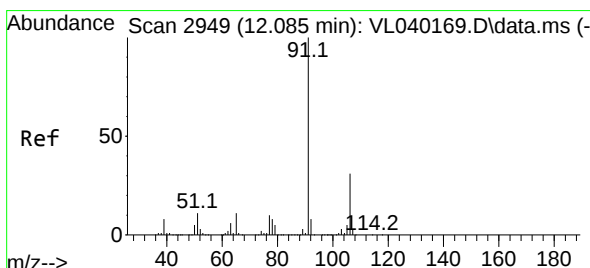
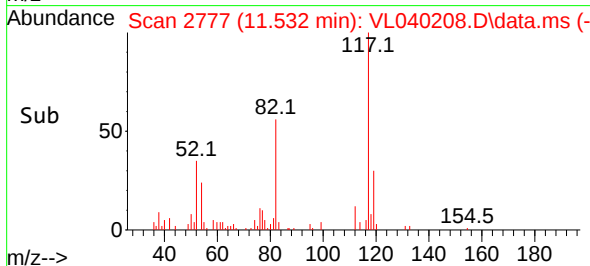
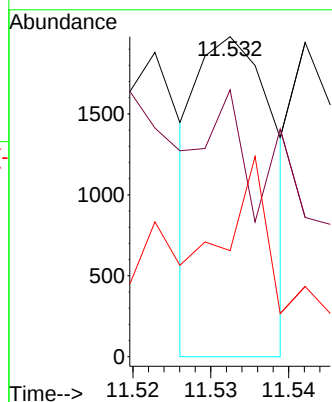
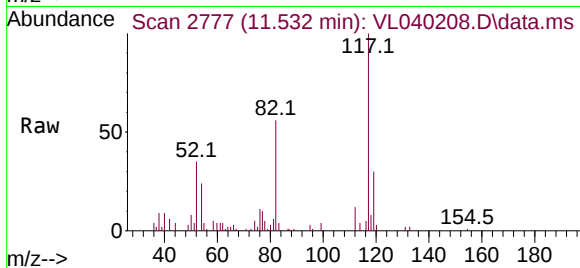
Tgt Ion:112 Resp: 1348

Ion Ratio Lower Upper

112 100

77 60.3 55.0 82.4

114 62.4 29.0 35.4#



#58

Ethyl Benzene

Concen: 0.005 ppbv

RT: 12.082 min Scan# 2948

Delta R.T. -0.035 min

Lab File: VL040208.D

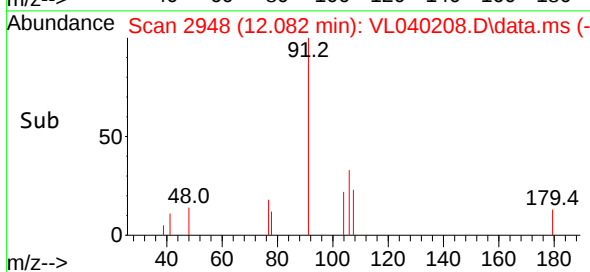
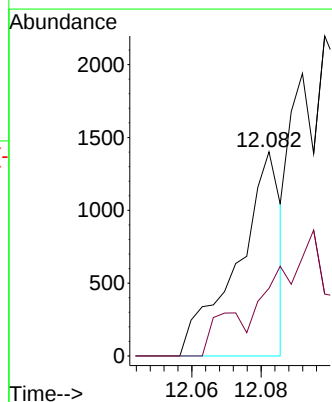
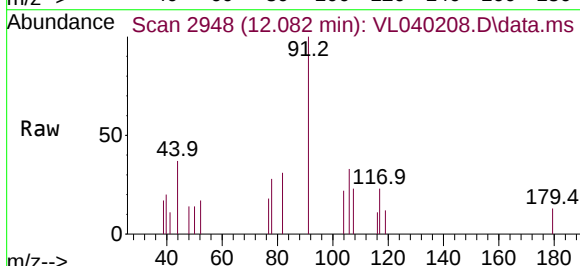
Acq: 21 Feb 2023 23:38

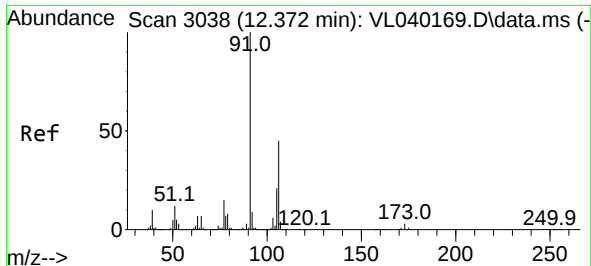
Tgt Ion: 91 Resp: 1215

Ion Ratio Lower Upper

91 100

106 33.2 24.9 37.3





#59

m/p-Xylene

Concen: 0.002 ppbv

RT: 12.372 min Scan# 3038

Delta R.T. -0.026 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

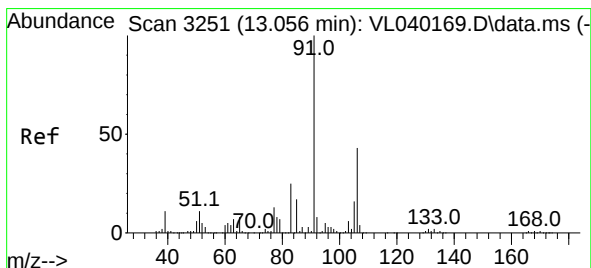
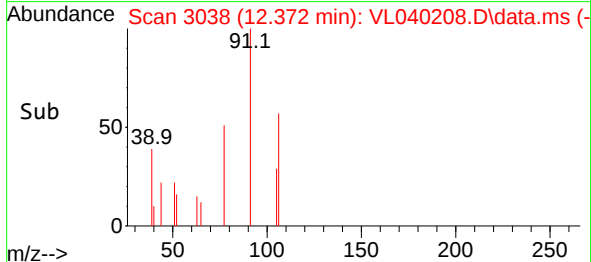
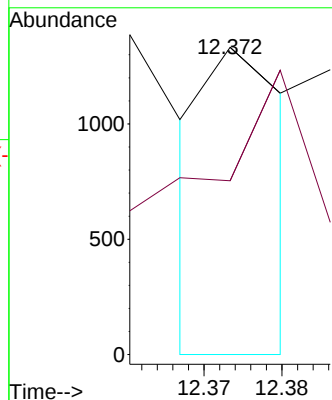
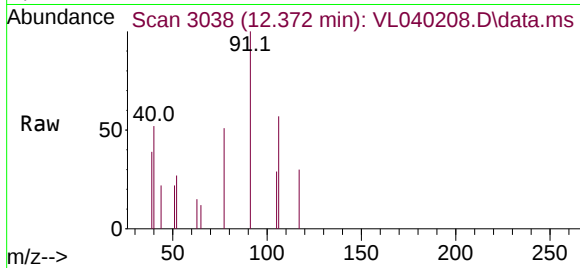
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 91 Resp: 476

Ion Ratio Lower Upper

91 100

106 526.5 34.6 51.8#



#60

o-Xylene

Concen: 0.002 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.022 min

Lab File: VL040208.D

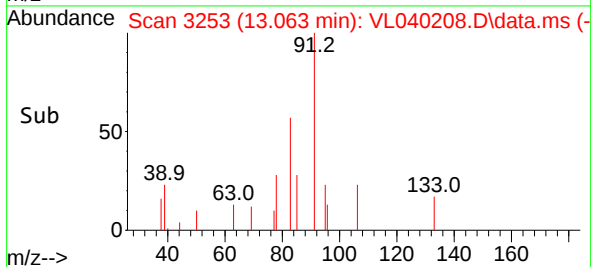
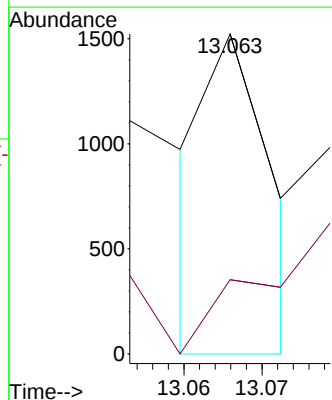
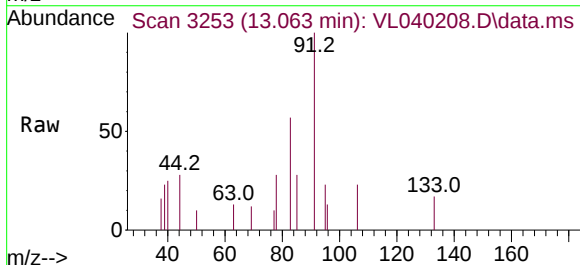
Acq: 21 Feb 2023 23:38

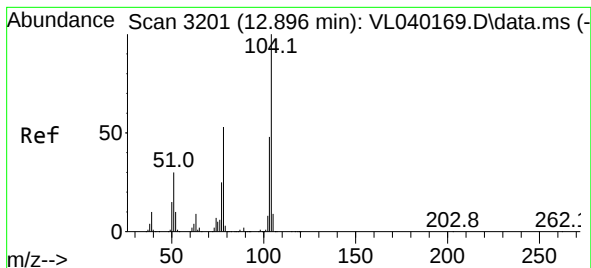
Tgt Ion: 91 Resp: 436

Ion Ratio Lower Upper

91 100

106 0.0 21.6 65.0#





#61

Styrene

Concen: 0.003 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.022 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

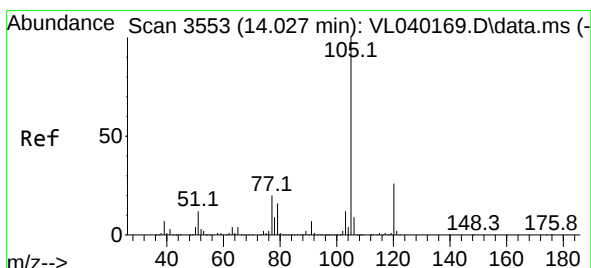
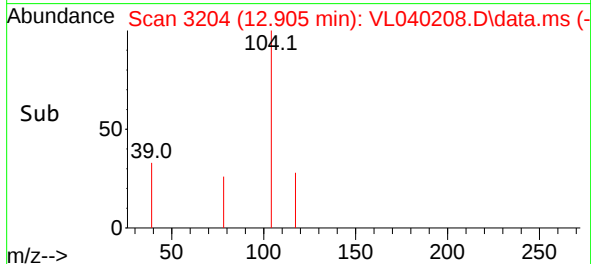
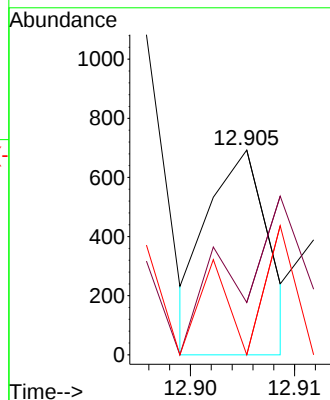
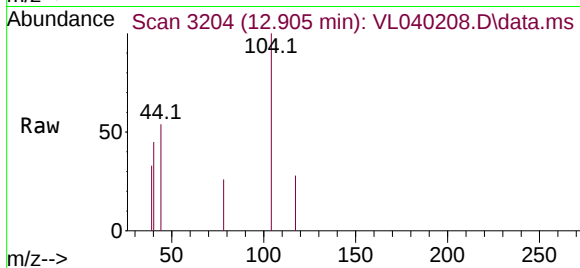
Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

Tgt Ion:104	Resp:	282
Ion Ratio	Lower	Upper
104	100	
78	0.0	42.3 63.5#
103	0.0	37.5 56.3#



#62

Isopropylbenzene

Concen: 0.018 ppbv

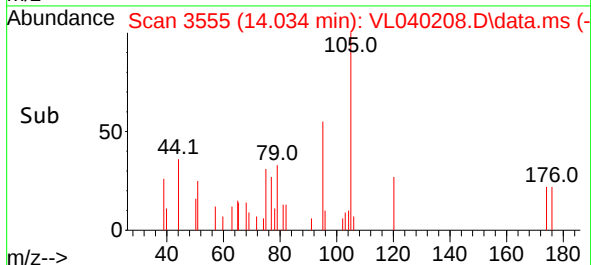
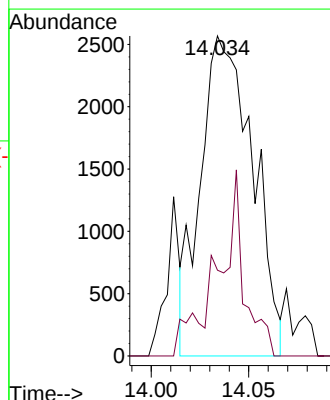
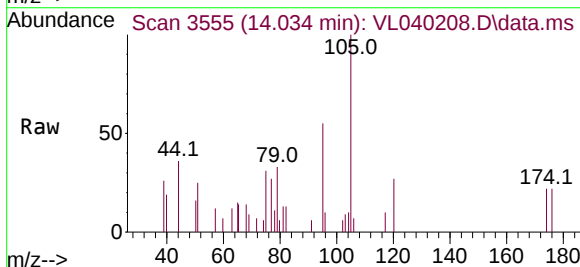
RT: 14.034 min Scan# 3555

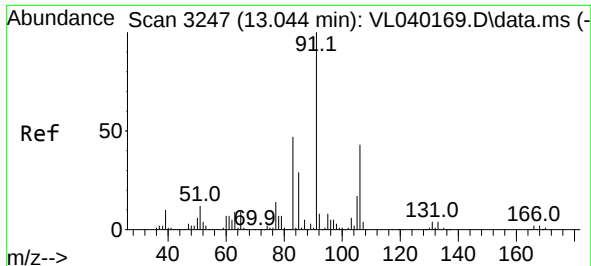
Delta R.T. -0.026 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Tgt Ion:105	Resp:	4805
Ion Ratio	Lower	Upper
105	100	
120	29.6	20.3 30.5

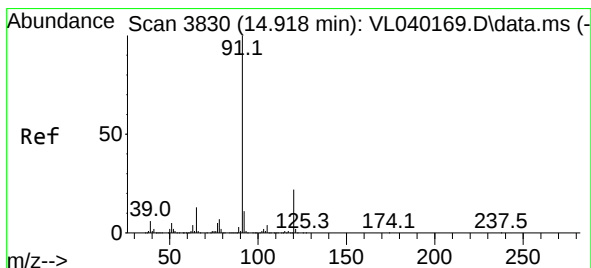
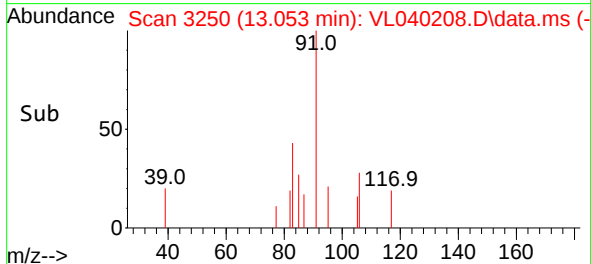
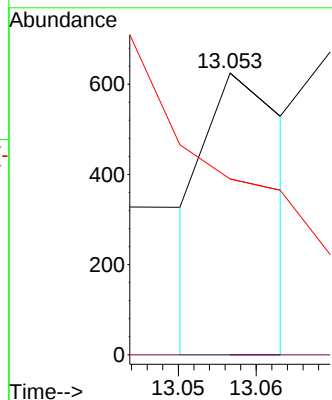
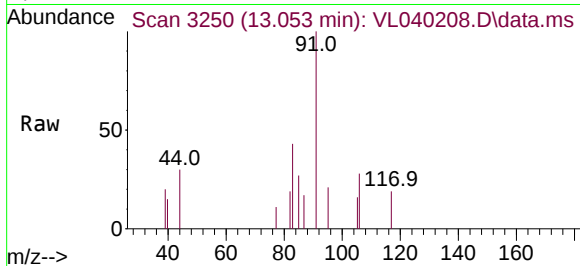




#63
1,1,2,2-Tetrachloroethane
Concen: 0.003 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

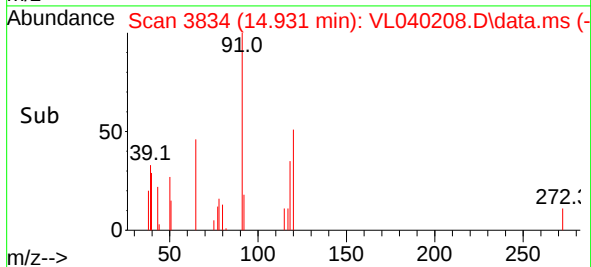
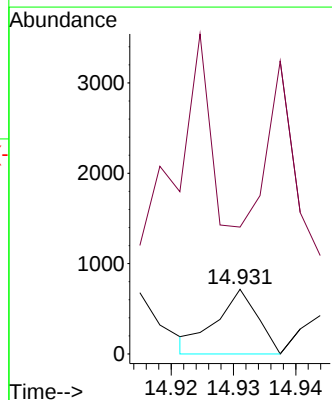
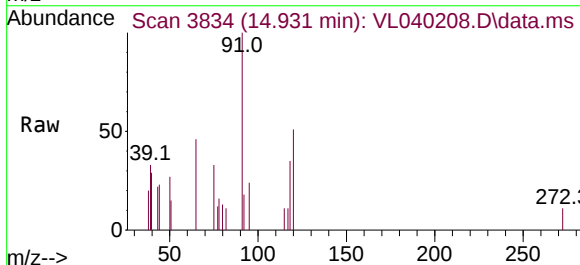
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

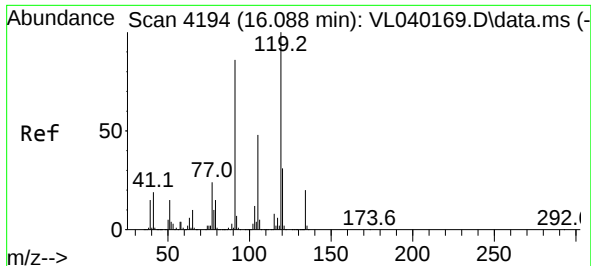
Tgt Ion: 83 Resp: 223
Ion Ratio Lower Upper
83 100
131 0.0 4.4 13.2#
85 0.0 33.0 99.0#



#64
n-propylbenzene
Concen: 0.005 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. -0.019 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 120 Resp: 330
Ion Ratio Lower Upper
120 100
91 1834.5 389.8 584.8#

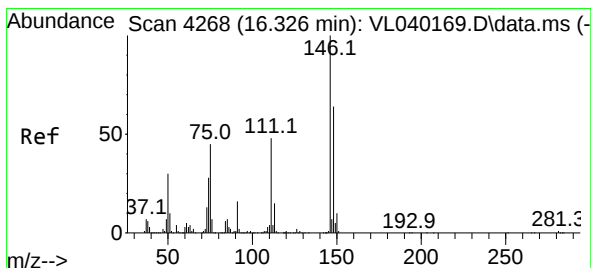
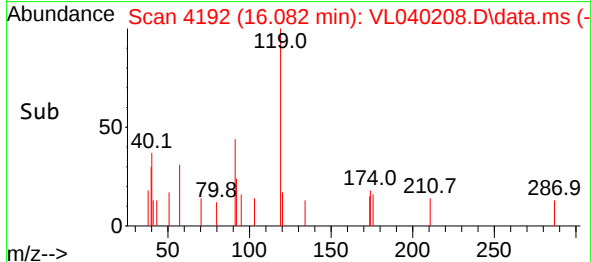
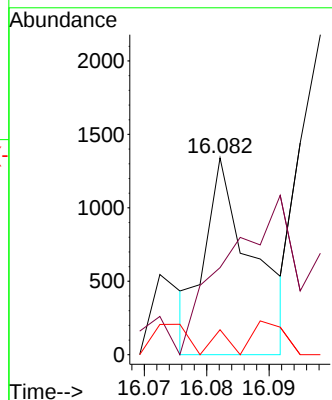
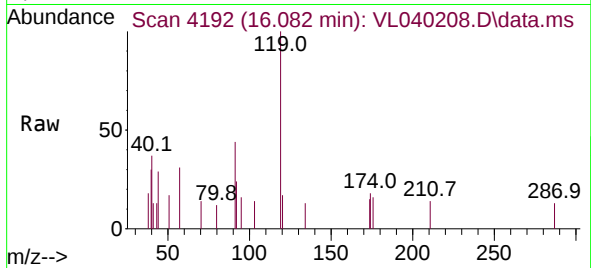




#65
tert-Butylbenzene
Concen: 0.003 ppbv
RT: 16.082 min Scan# 4194
Delta R.T. -0.039 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

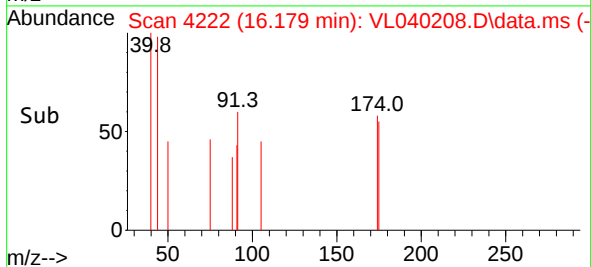
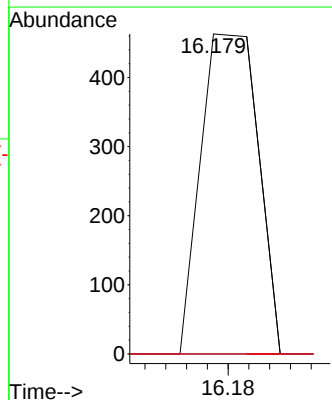
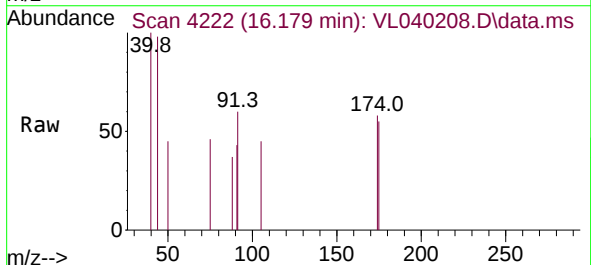
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

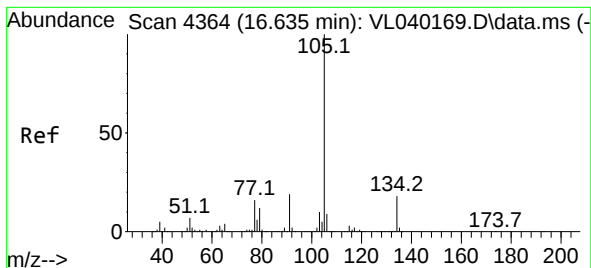
Tgt Ion:119 Resp: 712
Ion Ratio Lower Upper
119 100
91 0.0 68.6 102.8#
134 27.1 15.9 23.9#



#66
Benzyl Chloride
Concen: 0.011 ppbv
RT: 16.179 min Scan# 4222
Delta R.T. -0.180 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 91 Resp: 178
Ion Ratio Lower Upper
91 100
126 0.0 13.1 19.7#
128 0.0 4.1 6.1#





#67

sec-Butylbenzene

Concen: 0.009 ppbv

RT: 16.645 min Scan# 41

Delta R.T. -0.022 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_1

ClientSampleId :

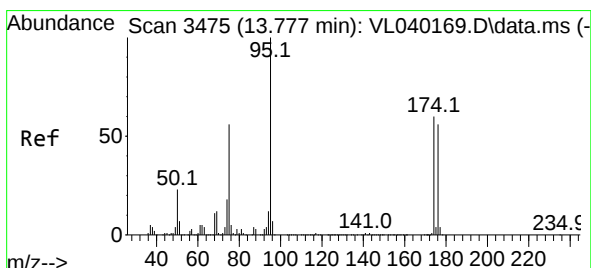
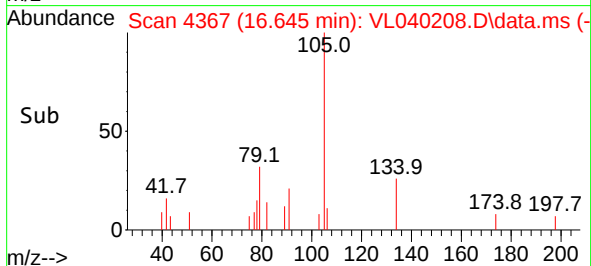
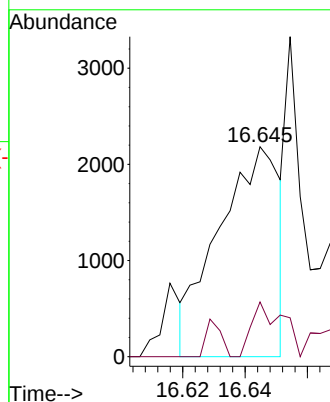
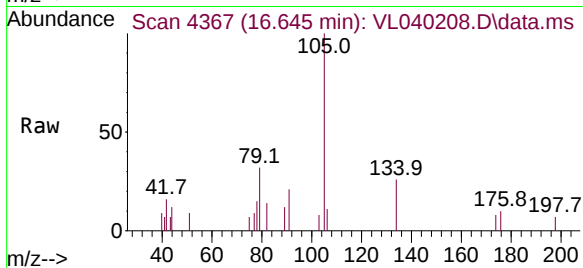
LOD-MDL-AIR-01-QT1-2023

Tgt Ion:105 Resp: 2958

Ion Ratio Lower Upper

105 100

134 24.0 14.1 21.1#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.080 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. -0.022 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

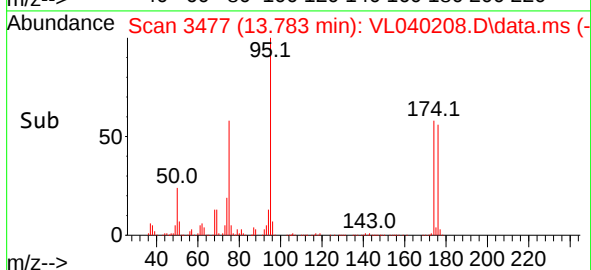
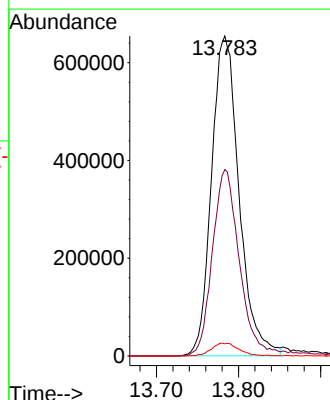
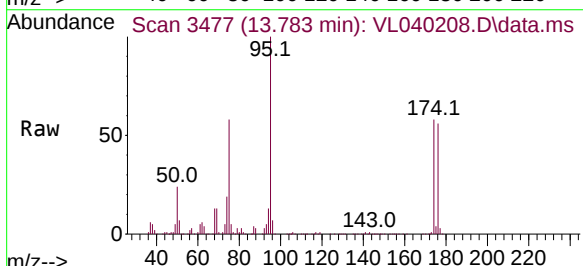
Tgt Ion: 95 Resp: 1526169

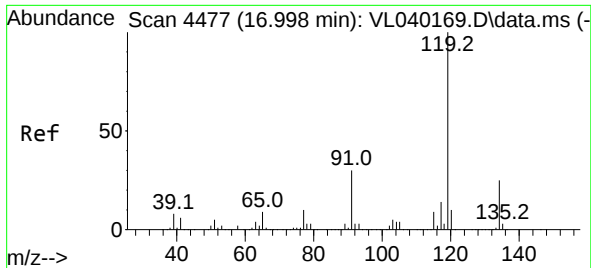
Ion Ratio Lower Upper

95 100

174 59.1 48.2 72.2

175 4.0 3.4 5.2

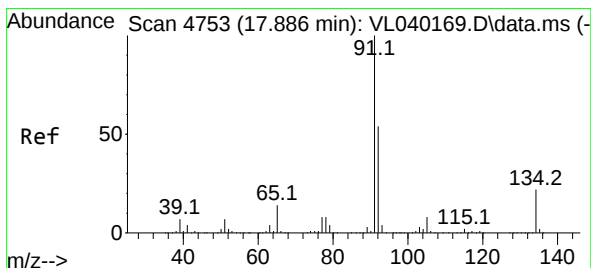
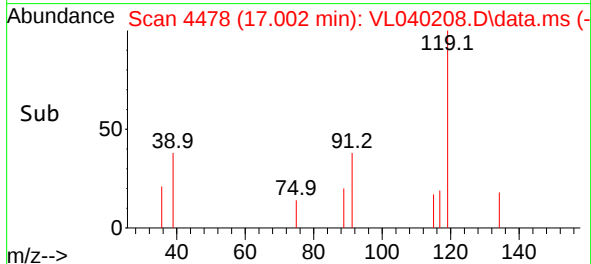
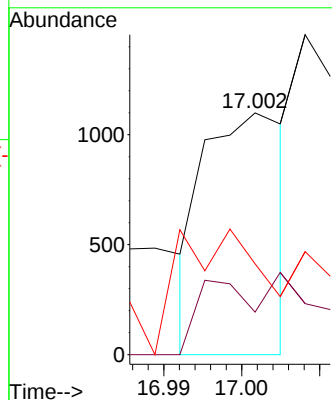
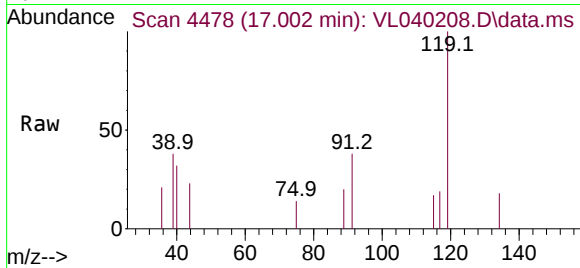




#69
p-Isopropyltoluene
Concen: 0.003 ppbv
RT: 17.002 min Scan# 4478
Delta R.T. -0.022 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

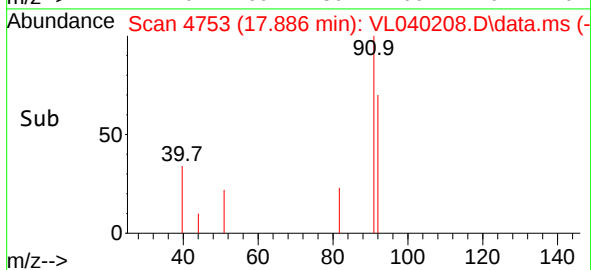
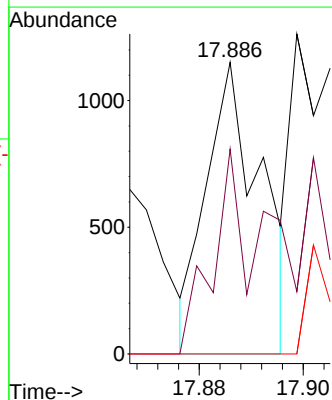
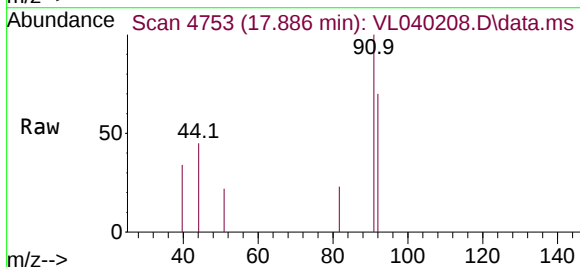
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

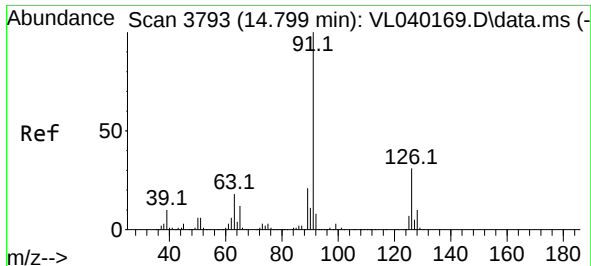
Tgt Ion:119 Resp: 795
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.2#
91 0.0 24.7 37.1#



#70
n-Butylbenzene
Concen: 0.003 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. -0.032 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 91 Resp: 837
Ion Ratio Lower Upper
91 100
92 0.0 43.0 64.6#
134 0.0 16.9 25.3#

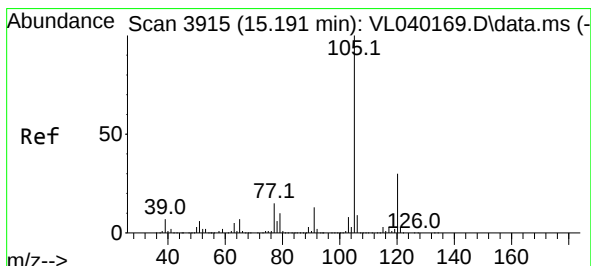
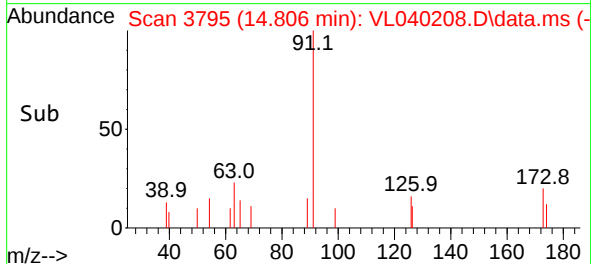
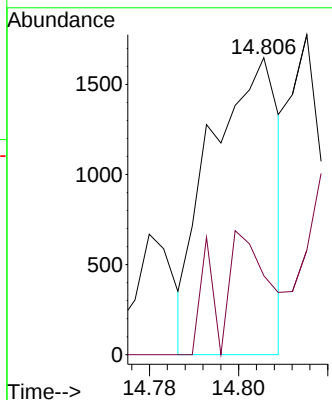
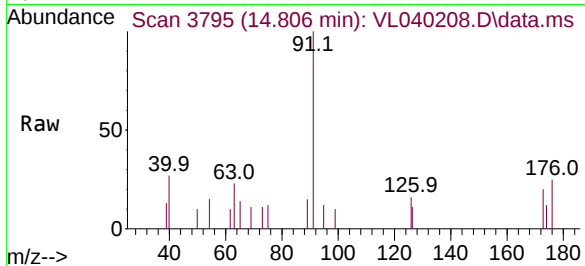




#71
2-Chlorotoluene
Concen: 0.008 ppbv
RT: 14.806 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

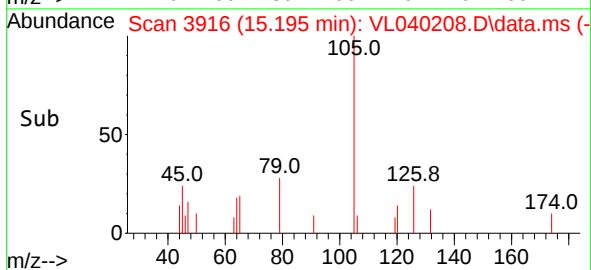
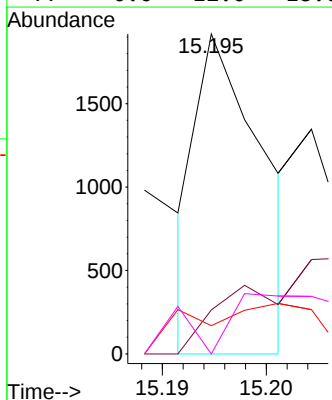
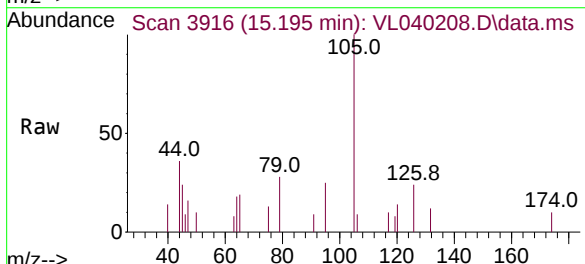
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

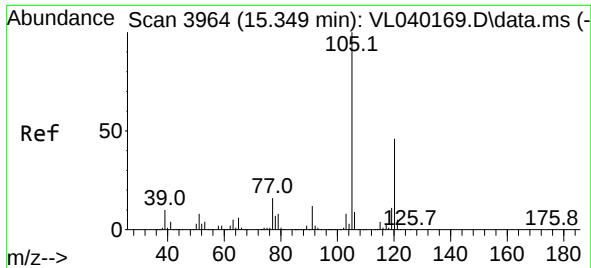
Tgt Ion: 91 Resp: 1736
Ion Ratio Lower Upper
91 100
126 0.0 12.0 48.2#



#72
4-Ethyltoluene
Concen: 0.004 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.026 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 105 Resp: 850
Ion Ratio Lower Upper
105 100
120 0.0 23.2 34.8#
91 0.0 11.3 16.9#
77 0.0 12.0 18.0#

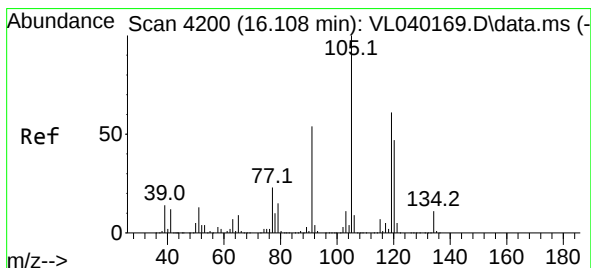
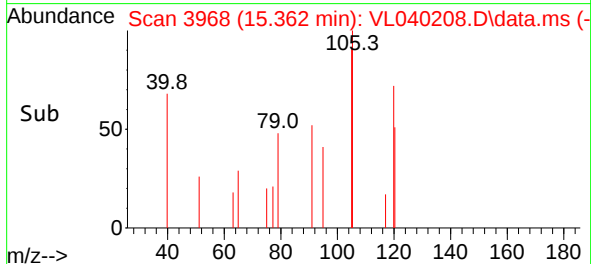
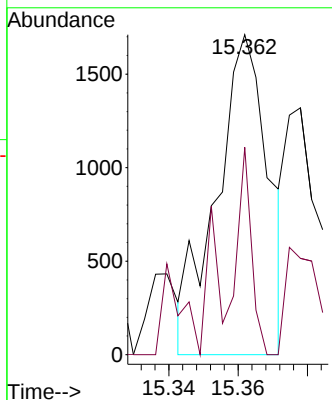
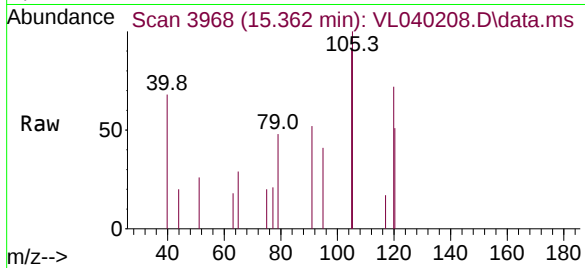




#73
1,3,5-Trimethylbenzene
Concen: 0.009 ppbv
RT: 15.362 min Scan# 3968
Delta R.T. -0.019 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

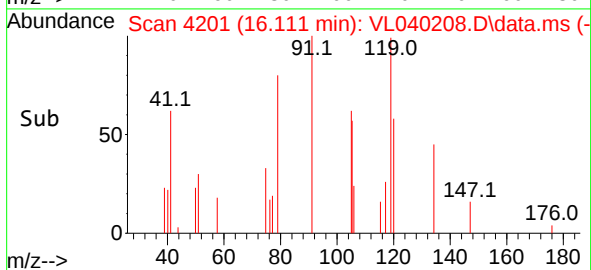
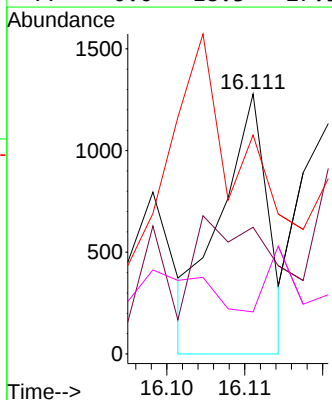
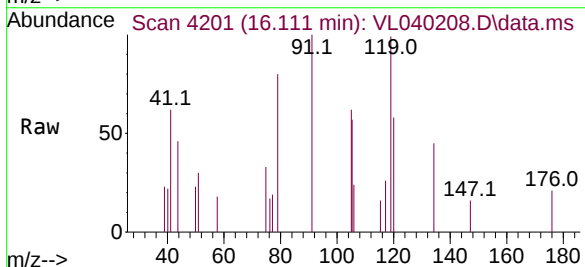
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

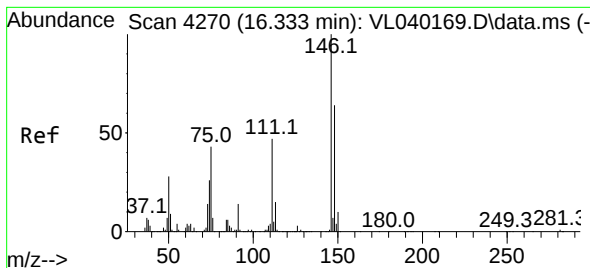
Tgt Ion:105 Resp: 1772
Ion Ratio Lower Upper
105 100
120 77.6 36.8 55.2#



#74
1,2,4-Trimethylbenzene
Concen: 0.003 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. -0.026 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion:105 Resp: 550
Ion Ratio Lower Upper
105 100
120 48.1 37.9 56.9
91 41.0 43.7 65.5#
77 0.0 18.3 27.5#





#75

1,3-Dichlorobenzene

Concen: 0.010 ppbv

RT: 16.339 min Scan# 41

Delta R.T. -0.022 min

Lab File: VL040208.D

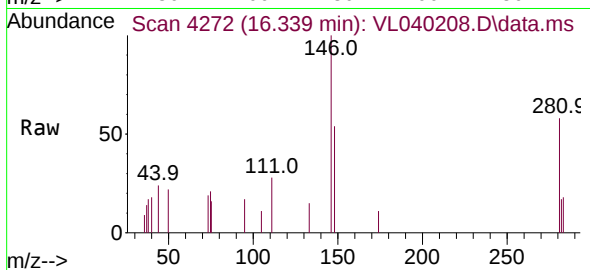
Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



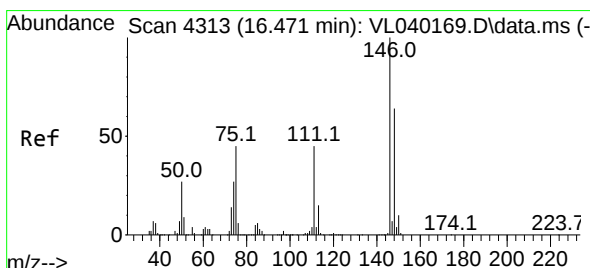
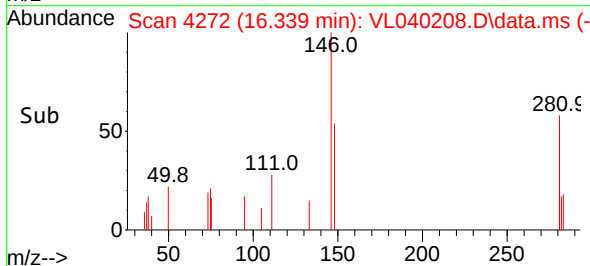
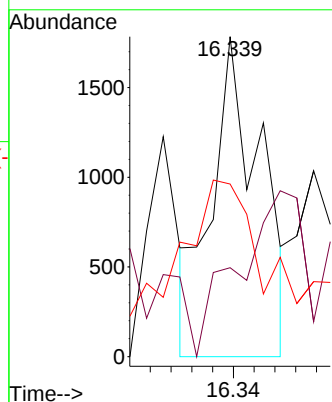
Tgt Ion:146 Resp: 1159

Ion Ratio Lower Upper

146 100

111 0.0 23.9 71.8#

148 127.6 32.1 96.5#



#76

1,4-Dichlorobenzene

Concen: 0.012 ppbv

RT: 16.484 min Scan# 4317

Delta R.T. -0.019 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

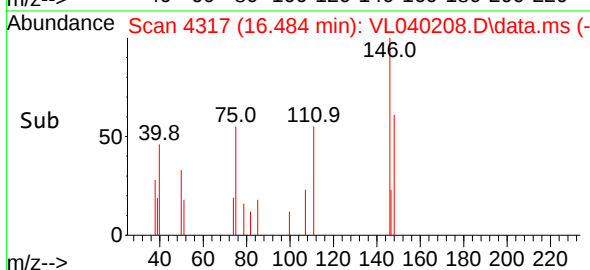
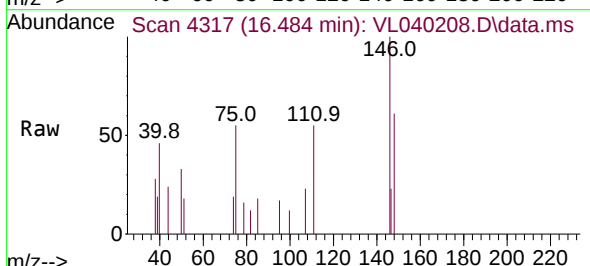
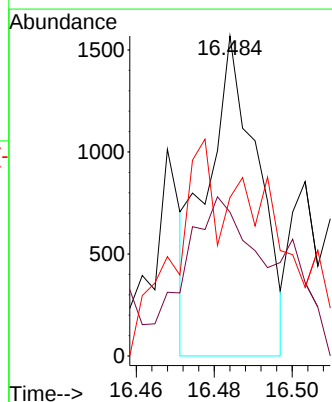
Tgt Ion:146 Resp: 1421

Ion Ratio Lower Upper

146 100

111 102.3 23.5 70.5#

148 145.8 32.5 97.4#

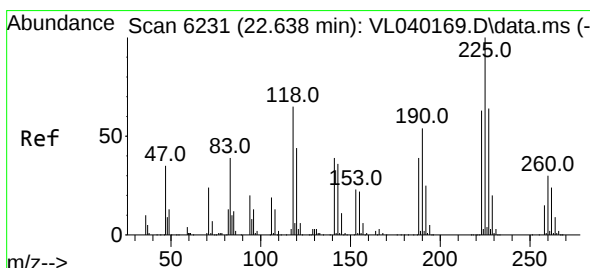
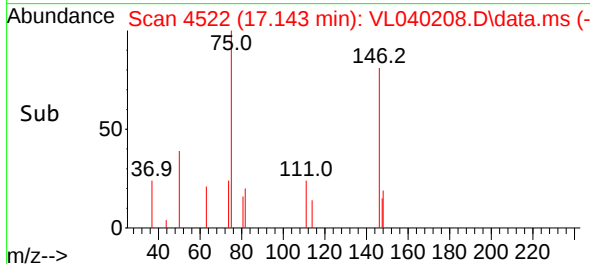
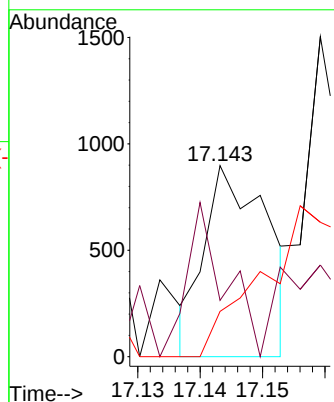
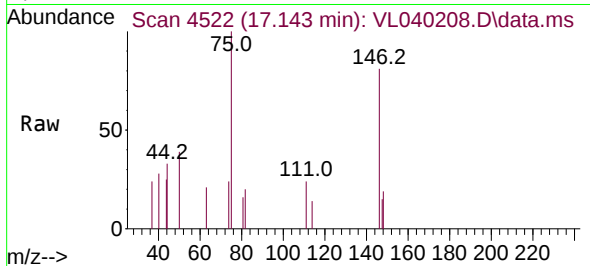




#77
1,2-Dichlorobenzene
Concen: 0.005 ppbv
RT: 17.143 min Scan# 41
Delta R.T. -0.035 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

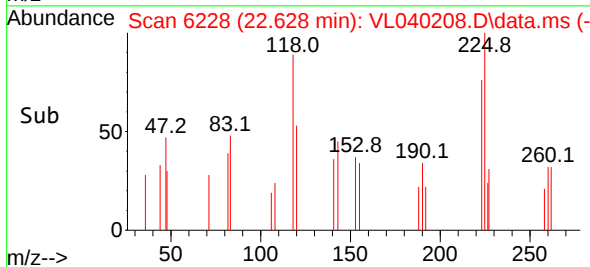
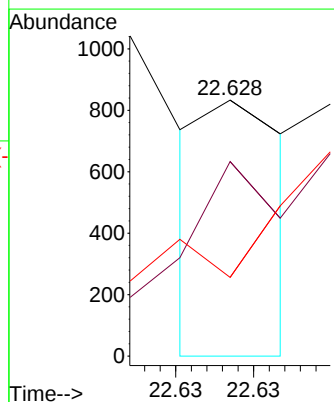
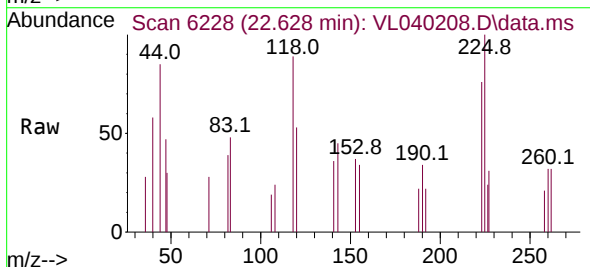
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

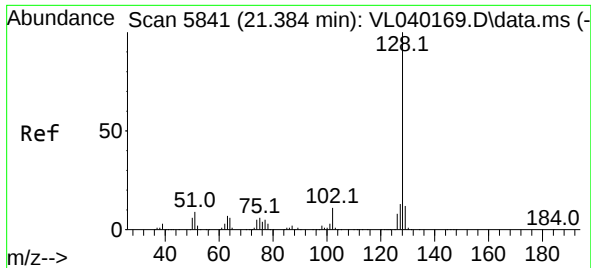
Tgt Ion:146 Resp: 630
Ion Ratio Lower Upper
146 100
111 127.6 25.3 75.8#
148 0.0 32.0 96.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.004 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. -0.039 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion:225 Resp: 300
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.2 76.8#

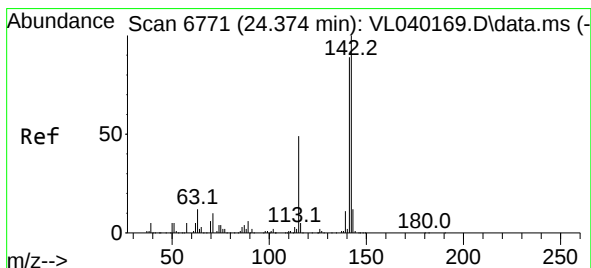
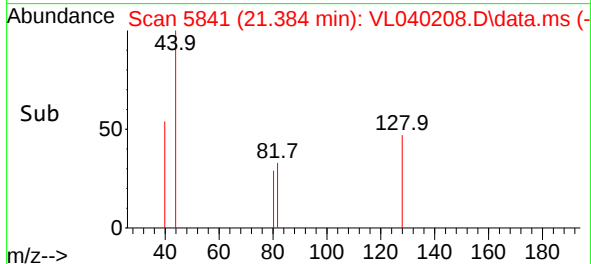
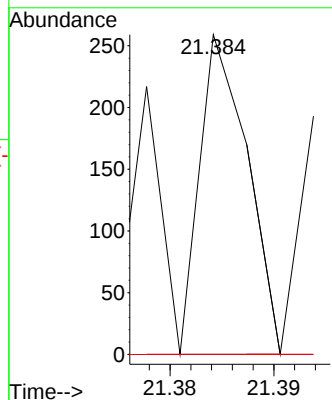
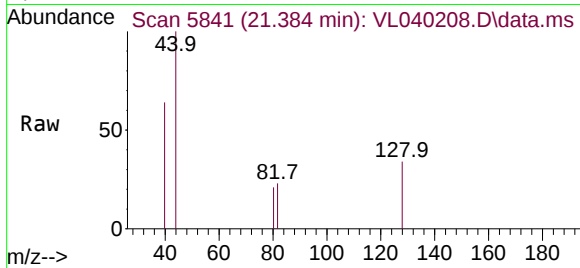




#79
Naphthalene
Concen: 0.001 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. -0.035 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

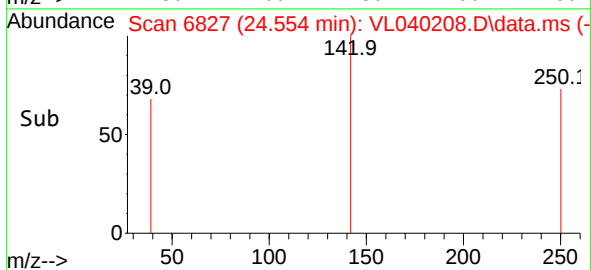
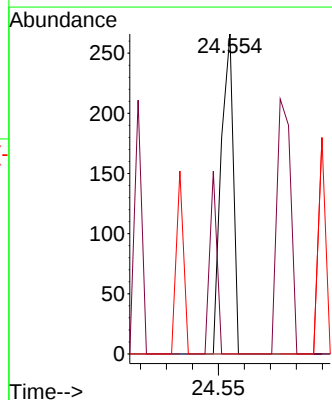
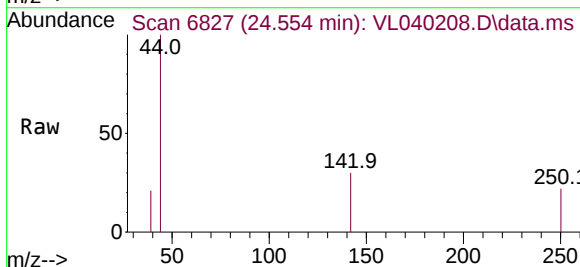
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT1-2023

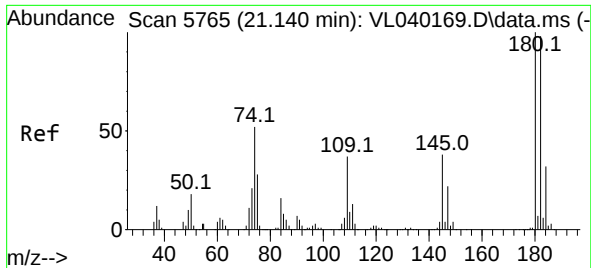
Tgt Ion:128 Resp: 83
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 9.4 14.0#



#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 24.554 min Scan# 6827
Delta R.T. 0.154 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion:142 Resp: 86
Ion Ratio Lower Upper
142 100
141 90.7 67.3 100.9
115 33.7 36.5 54.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.001 ppbv

RT: 21.162 min Scan# 51

Delta R.T. -0.013 min

Lab File: VL040208.D

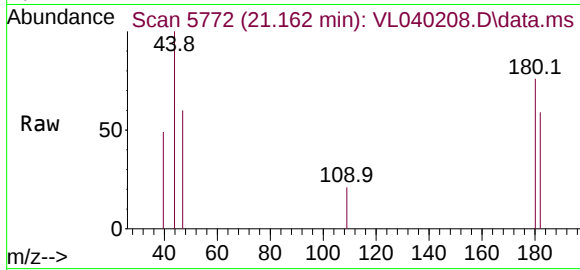
Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



Tgt Ion:180	Resp:	99
Ion	Ratio	Lower Upper
180	100	
182	1337.4	79.0 118.6#
184	0.0	24.6 36.8#

