

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040209.D
 Acq On : 22 Feb 2023 00:15
 Operator : SY/MD
 Sample : 01627-13 LOD 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Feb 22 05:10:11 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	5.189	49	797823	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.651	114	2096159	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.471	117	1856838	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1602932	10.498	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.722	85	84308	0.567	ppbv	99
3) Chlorodifluoromethane	2.668	51	51895	0.544	ppbv	98
4) Chloromethane	2.803	50	30542	0.510	ppbv #	80
5) Vinyl Chloride	2.912	62	23873	0.496	ppbv #	88
6) Bromomethane	3.111	94	8952	0.516	ppbv	95
7) Chloroethane	3.189	64	8323	0.436	ppbv #	78
8) Dichlorotetrafluoroethane	2.851	85	66664	0.520	ppbv	99
9) Propene	2.687	41	16321	0.420	ppbv	91
10) Heptane	7.577	43	33347	0.361	ppbv	91
11) Trichlorofluoromethane	3.555	101	68638	0.514	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.060	101	51243	0.521	ppbv	97
13) Ethanol	3.250	45	3075	0.860	ppbv	81
14) Bromoethene	3.359	108	17211	0.456	ppbv #	86
15) Acetone	3.478	43	56278	0.586	ppbv	97
16) 1,3-Butadiene	2.980	39	21657	0.494	ppbv	99
17) tert-Butyl alcohol	3.890	59	41209	0.470	ppbv #	92
18) 1,1-Dichloroethene	3.877	96	20692	0.484	ppbv	93
19) Isopropyl Alcohol	3.587	45	18800	0.412	ppbv #	88
20) Methylene Chloride	3.925	84	17564	0.351	ppbv	92
21) Allyl Chloride	3.996	41	27234	0.462	ppbv	89
22) trans-1,2-Dichloroethene	4.443	96	19818	0.448	ppbv #	83
23) Vinyl Acetate	4.629	43	12279	0.421	ppbv #	90
24) 1,1-Dichloroethane	4.558	63	45731	0.502	ppbv	99
25) Ethyl Acetate	5.214	43	79639	0.446	ppbv	99
26) Hexane	5.208	57	17858	0.233	ppbv #	1
27) Carbon Disulfide	4.121	76	42624	0.438	ppbv #	94
28) Methyl tert-Butyl Ether	4.597	73	36774	0.448	ppbv	98
29) Chloroform	5.266	83	62966	0.478	ppbv	93
30) Cyclohexane	6.600	84	19601	0.326	ppbv #	85
31) cis-1,2-Dichloroethene	5.073	61	34520	0.474	ppbv	91
32) 1,1,1-Trichloroethane	6.002	97	56213	0.455	ppbv	93
34) 2-Butanone	4.799	43	48649	0.470	ppbv	93
35) Carbon Tetrachloride	6.497	117	57910	0.467	ppbv	95
36) Benzene	6.365	78	66620	0.408	ppbv #	92
37) 1,2-Dichloroethane	5.806	62	45510	0.446	ppbv	99
38) Trichloroethene	7.291	130	37497	0.417	ppbv	92
39) 1,2-Dichloropropane	7.069	63	25755	0.406	ppbv	91
40) 1,4-Dioxane	7.298	88	379	0.015	ppbv #	1
41) Tetrahydrofuran	5.584	42	14950	0.249	ppbv #	74
42) Bromodichloromethane	7.246	83	58269	0.414	ppbv #	85
43) Methyl Methacrylate	7.481	69	12492	0.207	ppbv #	30
44) 2,2,4-Trimethylpentane	7.327	57	110095	0.404	ppbv #	91
45) t-1,3-Dichloropropene	8.703	75	3942	0.074	ppbv	95

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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 22 03:17:31 2023
 Response via : Initial Calibration

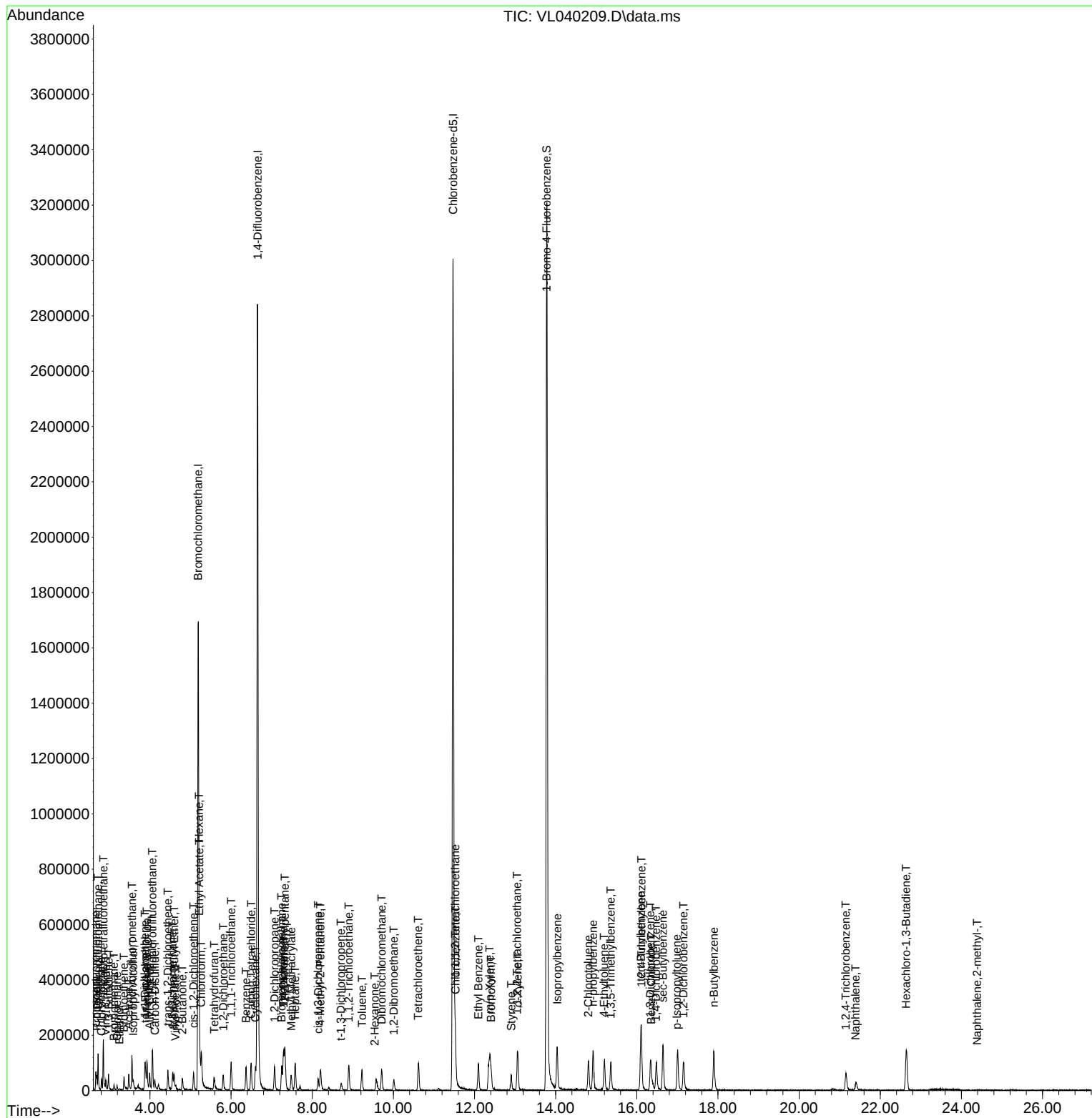
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	24635	0.330	ppbv	89
47) 1,1,2-Trichloroethane	8.896	97	14042	0.205	ppbv	97
48) Dibromochloromethane	9.709	129	22739	0.207	ppbv #	10
49) Bromoform	12.407	173	15674	0.183	ppbv #	27
50) 4-Methyl-2-Pentanone	8.201	43	59895	0.373	ppbv	93
51) 2-Hexanone	9.539	43	379	0.003	ppbv #	29
52) Tetrachloroethene	10.613	164	13388	0.263	ppbv #	82
53) Toluene	9.230	91	57264	0.328	ppbv	99
54) 1,2-Dibromoethane	10.008	107	29639	0.415	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.526	131	8927	0.115	ppbv #	10
57) Chlorobenzene	11.536	112	23605	0.174	ppbv	91
58) Ethyl Benzene	12.095	91	47720	0.212	ppbv	93
59) m/p-Xylene	12.371	91	22163	0.111	ppbv #	33
60) o-Xylene	13.066	91	76112	0.396	ppbv	96
61) Styrene	12.905	104	18252	0.181	ppbv #	55
62) Isopropylbenzene	14.040	105	117545	0.426	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.050	83	32148	0.464	ppbv	95
64) n-propylbenzene	14.921	120	11616	0.170	ppbv #	1
65) tert-Butylbenzene	16.101	119	86553	0.361	ppbv #	82
66) Benzyl Chloride	16.355	91	1217	0.076	ppbv #	8
67) sec-Butylbenzene	16.645	105	140585	0.409	ppbv	100
69) p-Isopropyltoluene	16.982	119	11129	0.041	ppbv #	47
70) n-Butylbenzene	17.899	91	109976	0.371	ppbv	99
71) 2-Chlorotoluene	14.805	91	77655	0.368	ppbv	99
72) 4-Ethyltoluene	15.195	105	42326	0.199	ppbv #	50
73) 1,3,5-Trimethylbenzene	15.355	105	75154	0.380	ppbv	89
74) 1,2,4-Trimethylbenzene	16.114	105	92367	0.425	ppbv	93
75) 1,3-Dichlorobenzene	16.333	146	20350	0.171	ppbv #	1
76) 1,4-Dichlorobenzene	16.474	146	20551	0.176	ppbv #	23
77) 1,2-Dichlorobenzene	17.146	146	21003	0.178	ppbv #	22
78) Hexachloro-1,3-Butadiene	22.635	225	15010	0.185	ppbv #	18
79) Naphthalene	21.387	128	6658	0.055	ppbv #	82
80) Naphthalene,2-methyl-	24.387	142	872	0.025	ppbv #	37
81) 1,2,4-Trichlorobenzene	21.149	180	10859	0.142	ppbv #	1

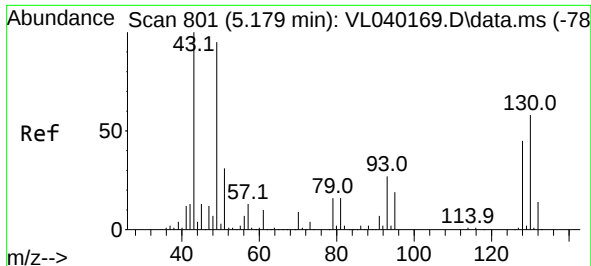
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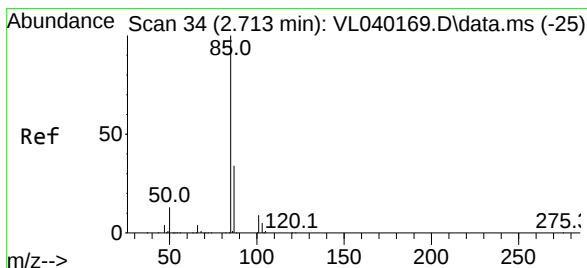
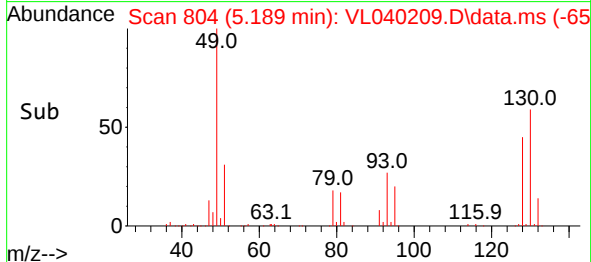
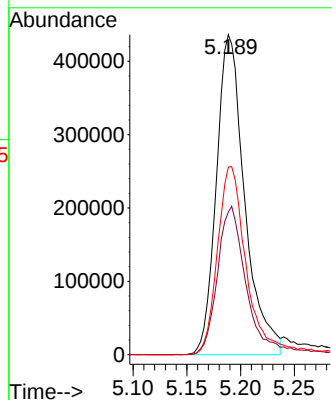
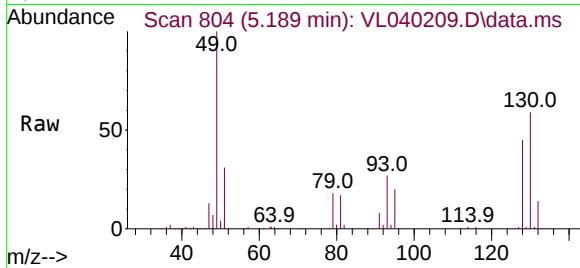




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

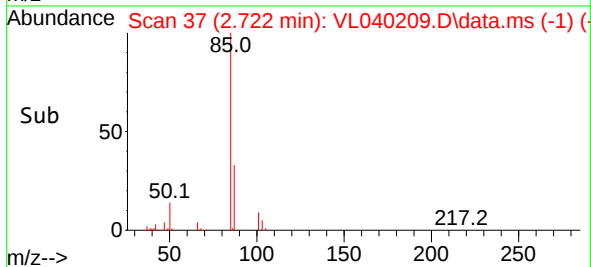
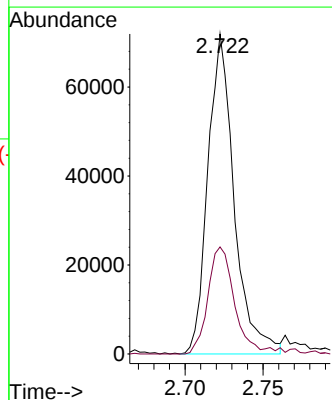
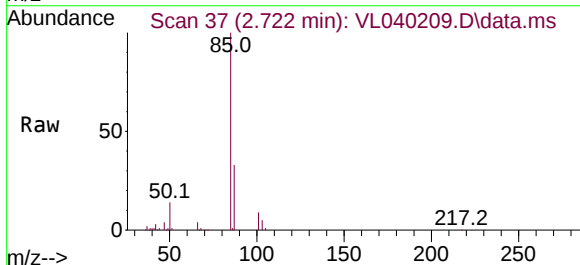
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ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

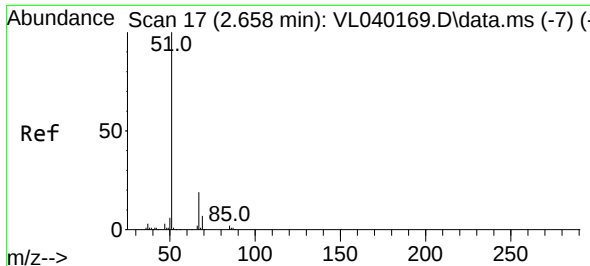
Tgt Ion: 49 Resp: 797823
Ion Ratio Lower Upper
49 100
128 48.7 24.1 72.3
130 62.0 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 0.567 ppbv
RT: 2.722 min Scan# 37
Delta R.T. -0.007 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 85 Resp: 84308
Ion Ratio Lower Upper
85 100
87 33.4 27.0 40.6

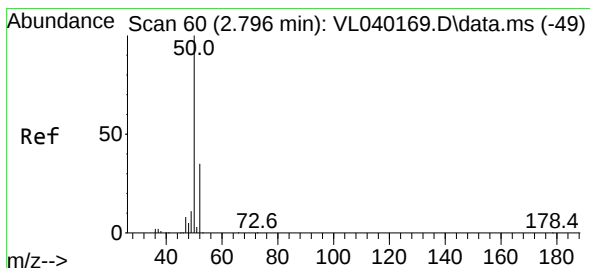
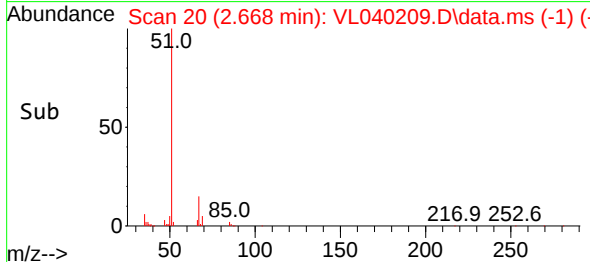
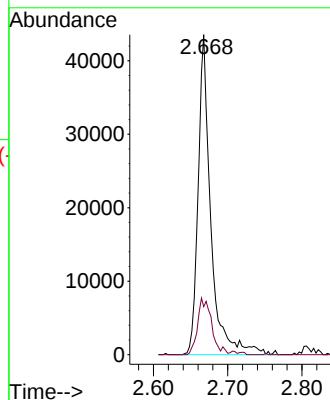
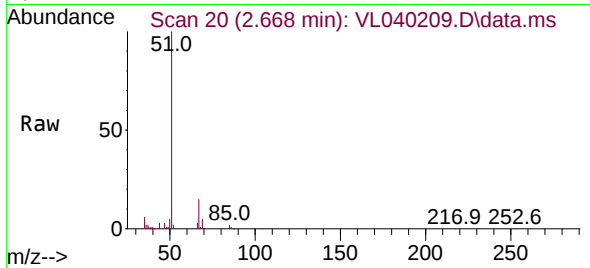




#3
Chlorodifluoromethane
Concen: 0.544 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.007 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

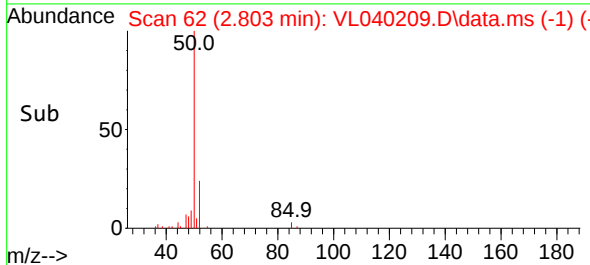
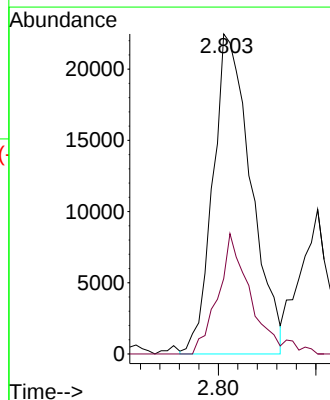
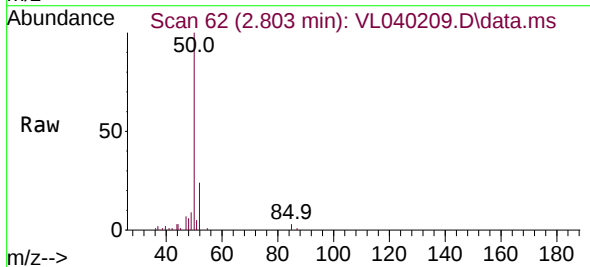
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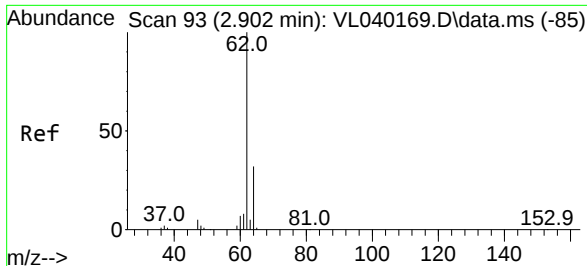
Tgt Ion: 51 Resp: 51895
Ion Ratio Lower Upper
51 100
67 20.3 15.4 23.2



#4
Chloromethane
Concen: 0.510 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.010 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 50 Resp: 30542
Ion Ratio Lower Upper
50 100
52 23.8 28.3 42.5#

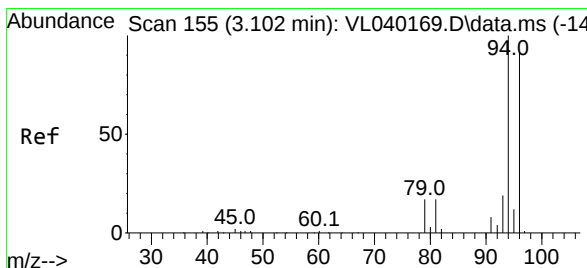
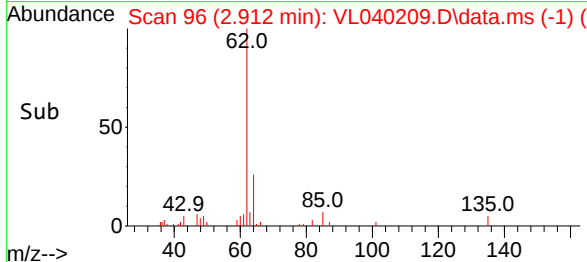
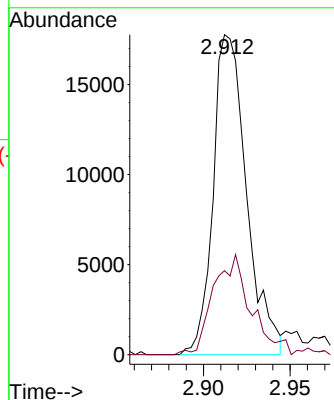
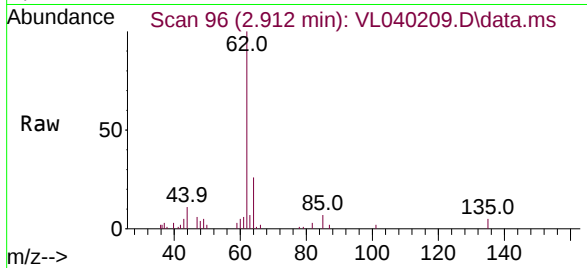




#5
 Vinyl Chloride
 Concen: 0.496 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.010 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

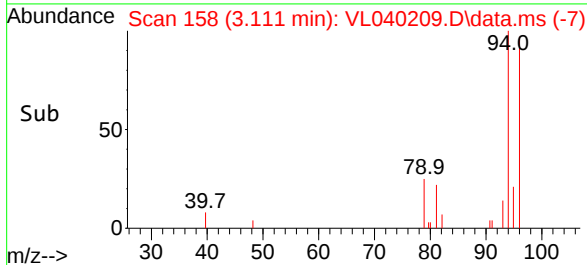
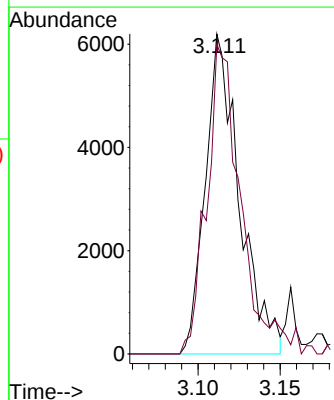
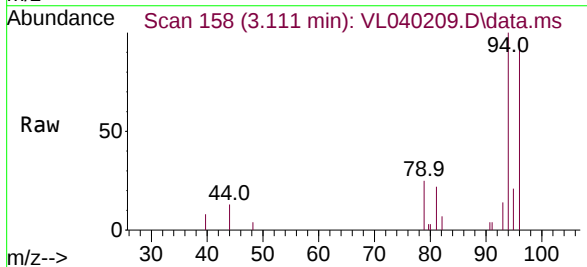
Instrument :
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 LOD-MDL-AIR-01-QT1-2023

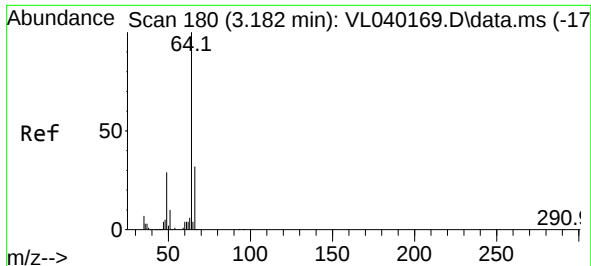
Tgt Ion: 62 Resp: 23873
 Ion Ratio Lower Upper
 62 100
 64 25.4 25.6 38.4#



#6
 Bromomethane
 Concen: 0.516 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.013 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

Tgt Ion: 94 Resp: 8952
 Ion Ratio Lower Upper
 94 100
 96 96.7 73.4 110.2

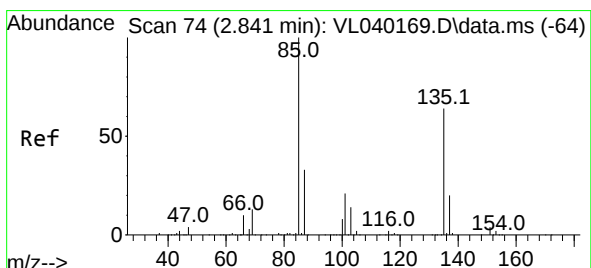
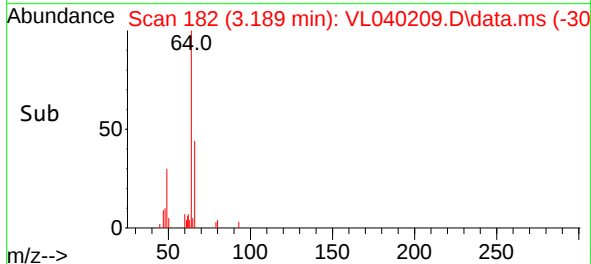
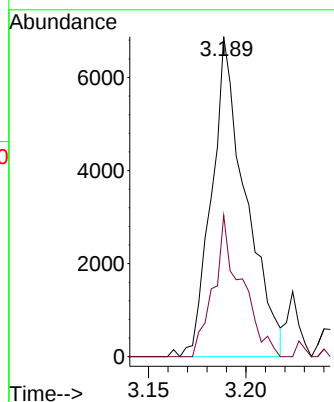
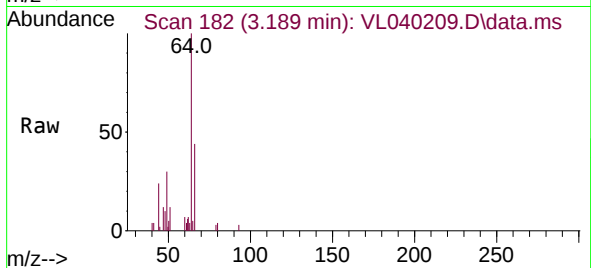




#7
Chloroethane
Concen: 0.436 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

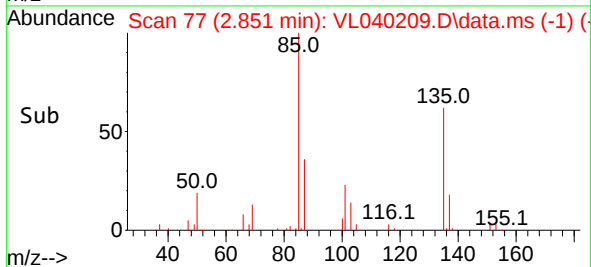
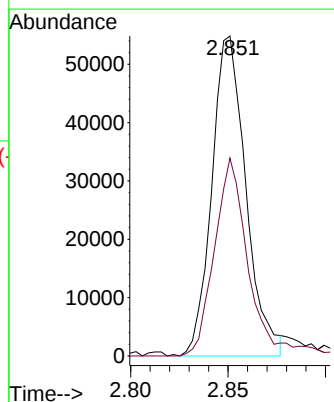
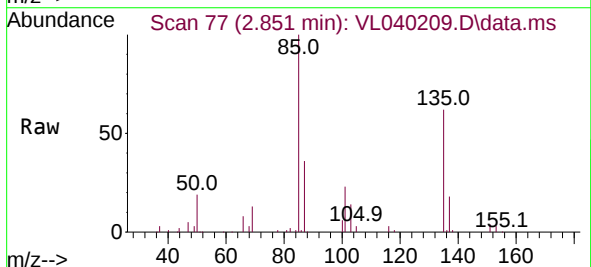
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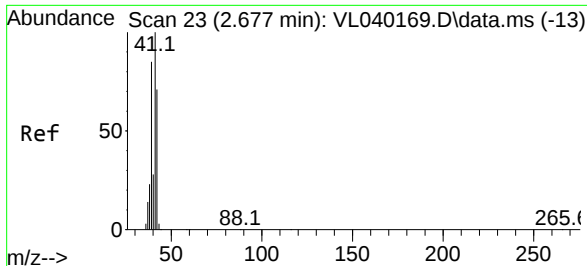
Tgt Ion: 64 Resp: 8323
Ion Ratio Lower Upper
64 100
66 44.2 25.4 38.2#



#8
Dichlorotetrafluoroethane
Concen: 0.520 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.007 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 85 Resp: 66664
Ion Ratio Lower Upper
85 100
135 63.7 51.5 77.3

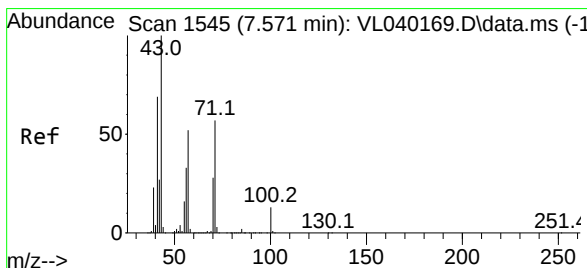
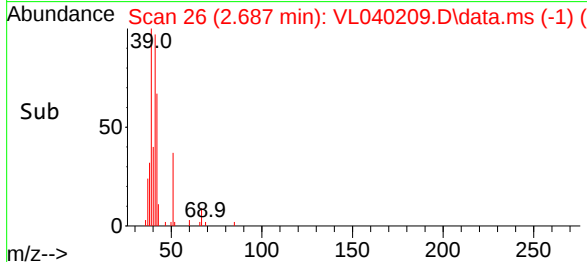
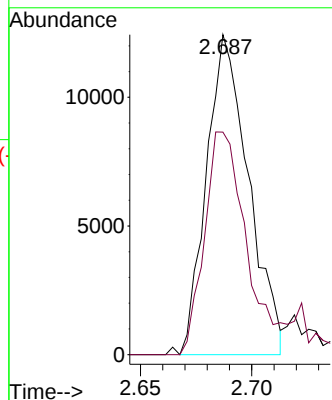
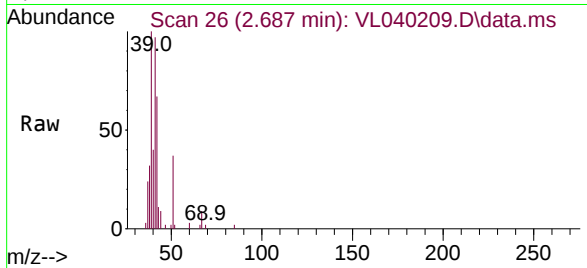




#9
 Propene
 Concen: 0.420 ppbv
 RT: 2.687 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

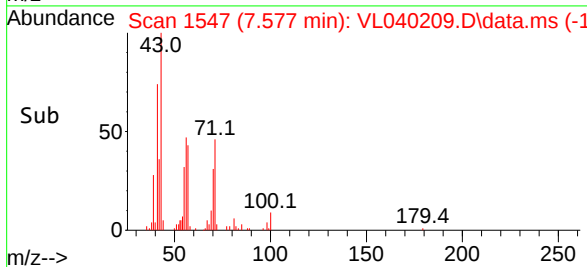
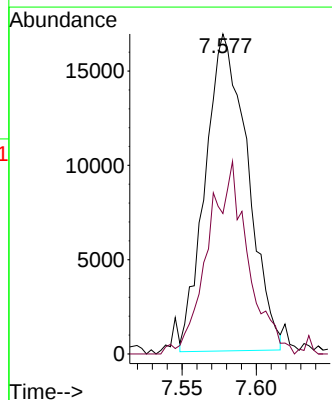
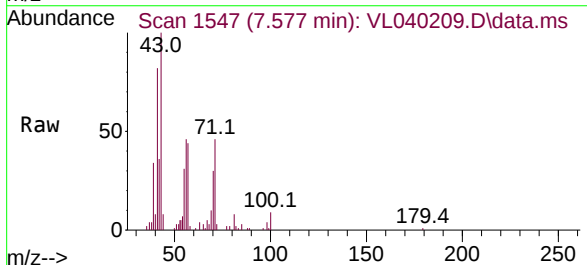
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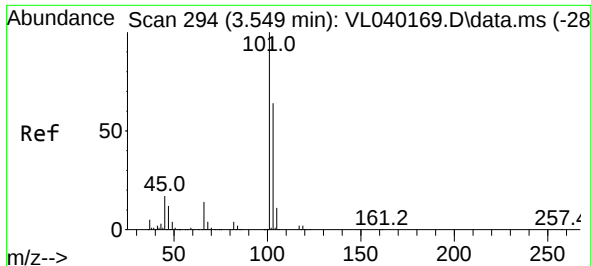
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 Ion Ratio Lower Upper
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 42 78.4 56.9 85.3



#10
 Heptane
 Concen: 0.361 ppbv
 RT: 7.577 min Scan# 1547
 Delta R.T. -0.026 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

Tgt Ion: 43 Resp: 33347
 Ion Ratio Lower Upper
 43 100
 57 58.2 41.4 62.2

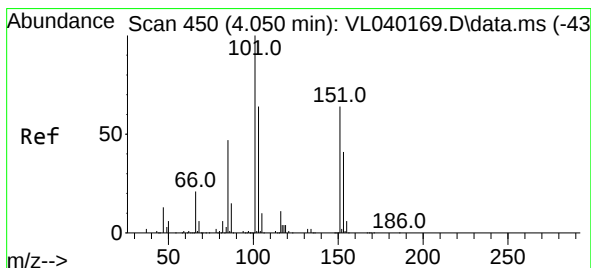
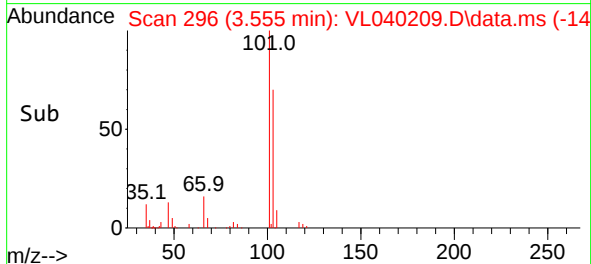
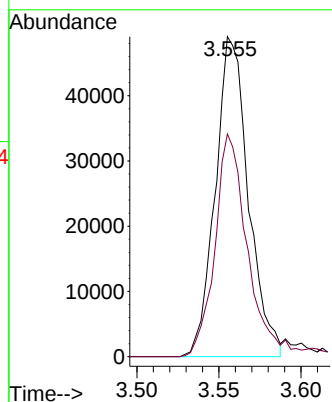
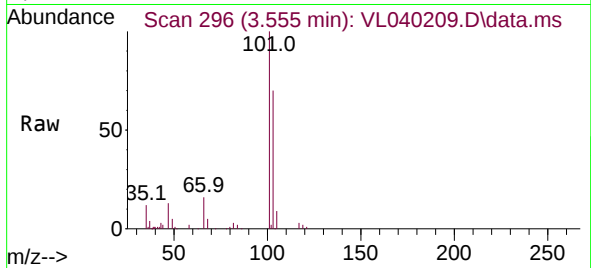




#11
 Trichlorofluoromethane
 Concen: 0.514 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. -0.013 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

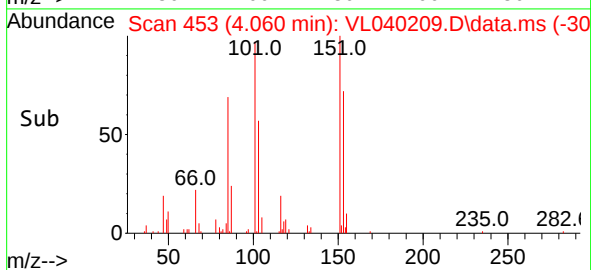
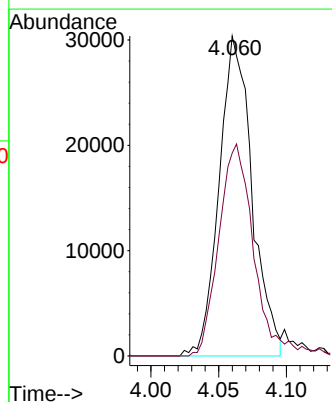
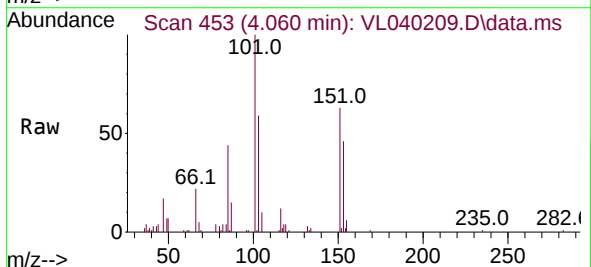
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

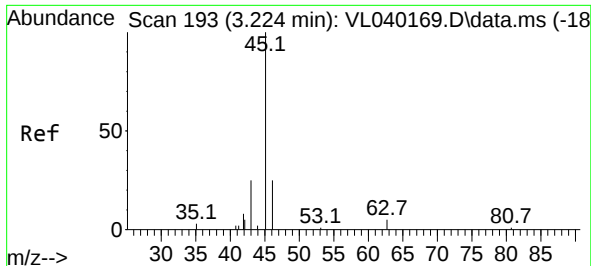
Tgt Ion:101 Resp: 68638
 Ion Ratio Lower Upper
 101 100
 103 69.6 51.0 76.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.521 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.013 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

Tgt Ion:101 Resp: 51243
 Ion Ratio Lower Upper
 101 100
 151 71.0 54.7 82.1

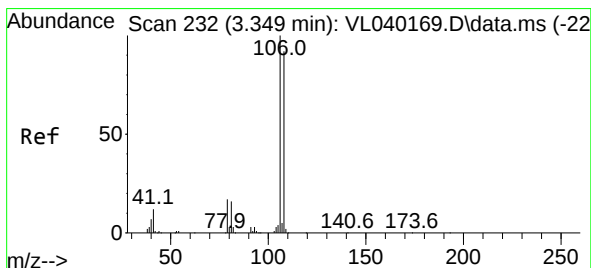
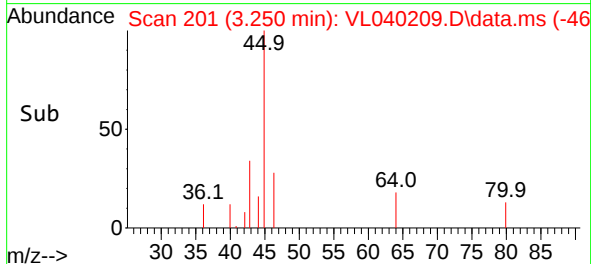
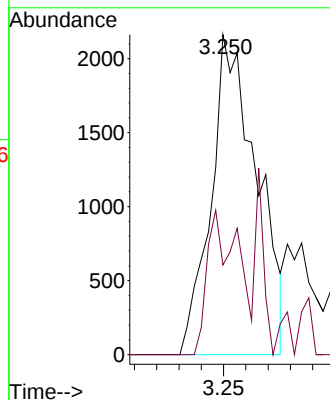
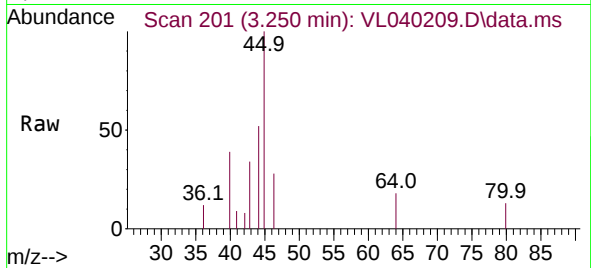




#13
Ethanol
Concen: 0.860 ppbv
RT: 3.250 min Scan# 201
Delta R.T. -0.000 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

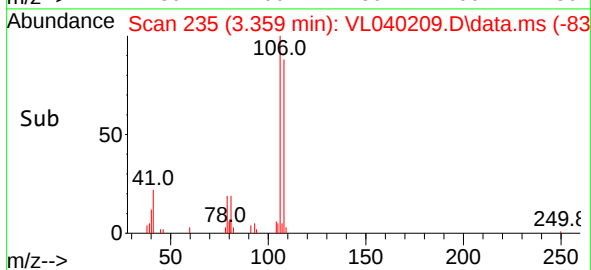
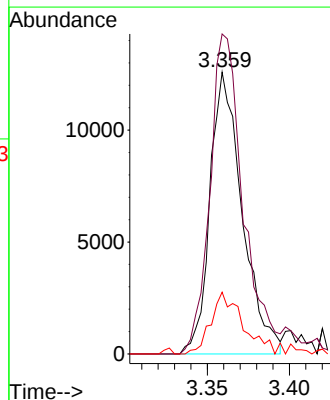
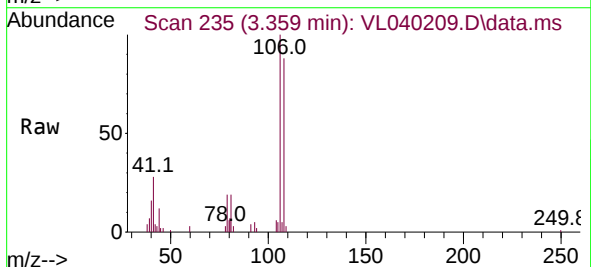
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT1-2023

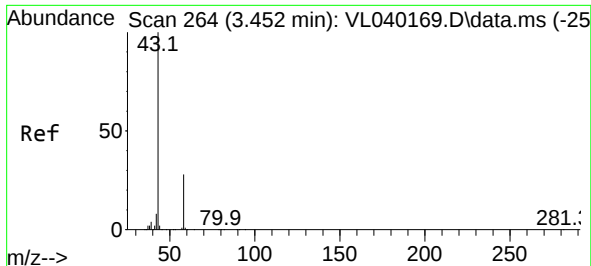
Tgt Ion: 45 Resp: 3075
Ion Ratio Lower Upper
45 100
46 43.7 13.3 53.1



#14
Bromoethene
Concen: 0.456 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.010 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 108 Resp: 17211
Ion Ratio Lower Upper
108 100
106 123.9 87.1 130.7
79 24.1 15.4 23.2#





#15

Acetone

Concen: 0.586 ppbv

RT: 3.478 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

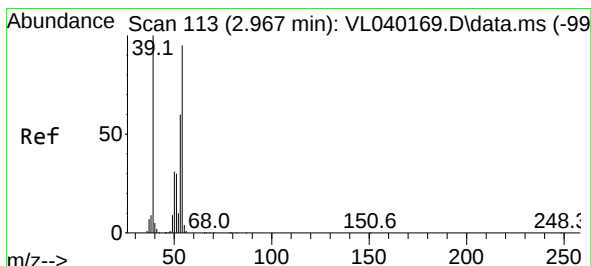
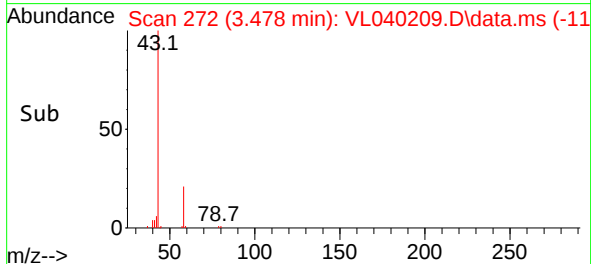
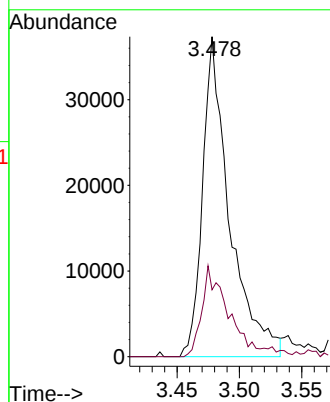
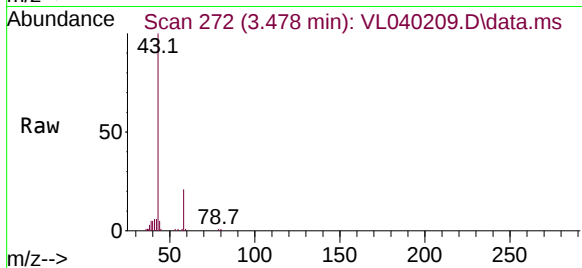
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 43 Resp: 56278

Ion Ratio Lower Upper

43 100

58 29.6 22.4 33.6



#16

1,3-Butadiene

Concen: 0.494 ppbv

RT: 2.980 min Scan# 117

Delta R.T. -0.007 min

Lab File: VL040209.D

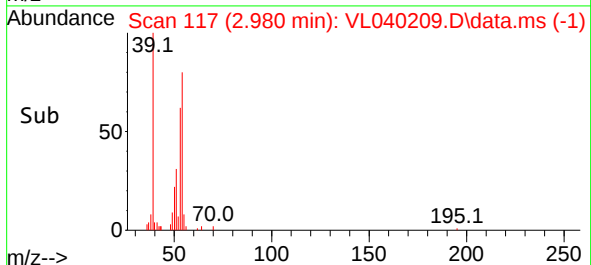
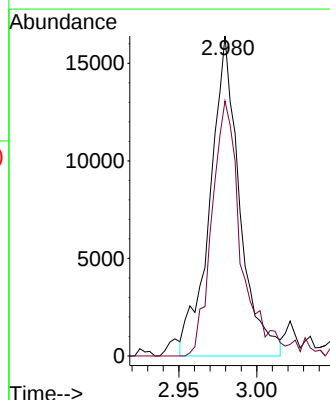
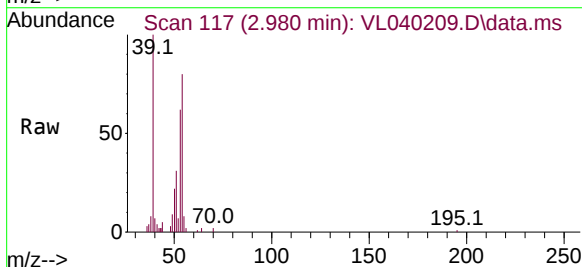
Acq: 22 Feb 2023 00:15

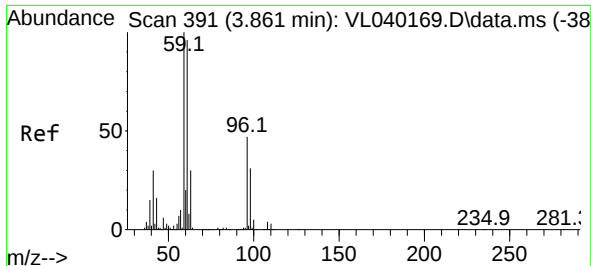
Tgt Ion: 39 Resp: 21657

Ion Ratio Lower Upper

39 100

54 82.3 66.7 100.1





#17

tert-Butyl alcohol

Concen: 0.470 ppbv

RT: 3.890 min Scan# 40

Delta R.T. 0.003 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_1

ClientSampleId :

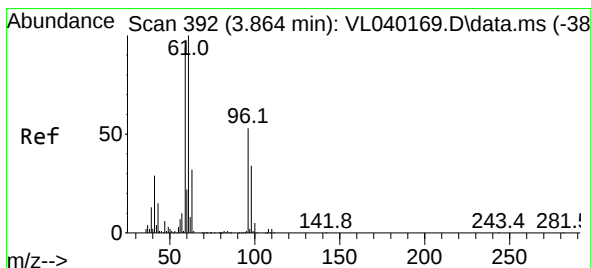
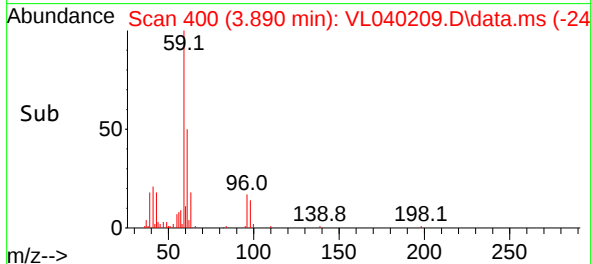
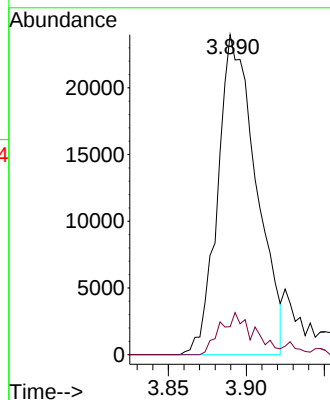
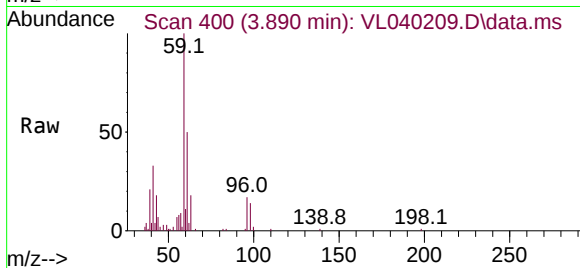
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 59 Resp: 41209

Ion Ratio Lower Upper

59 100

57 13.6 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.484 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.010 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

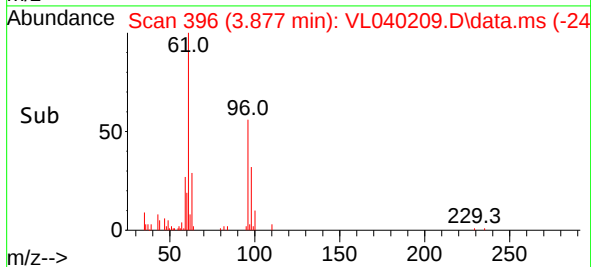
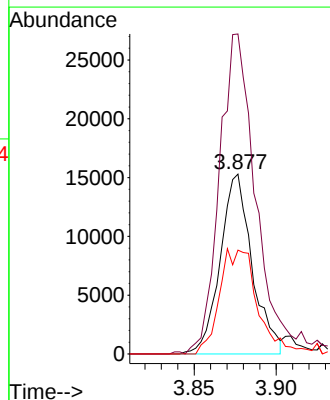
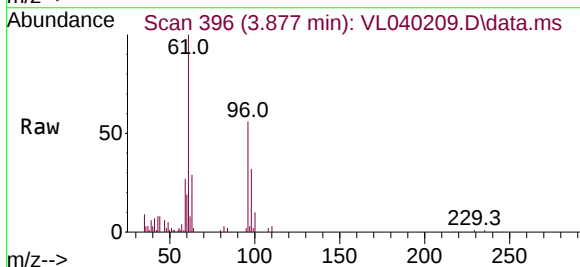
Tgt Ion: 96 Resp: 20692

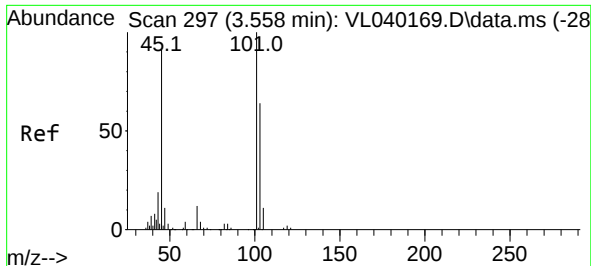
Ion Ratio Lower Upper

96 100

61 176.8 149.6 224.4

98 57.8 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.412 ppbv

RT: 3.587 min Scan# 306

Delta R.T. 0.006 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

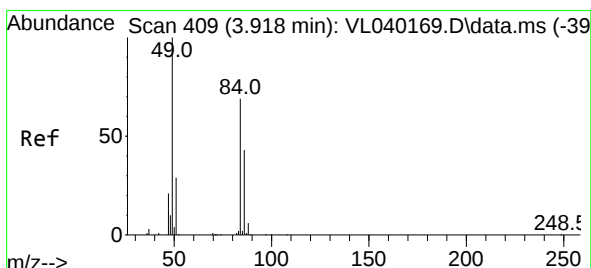
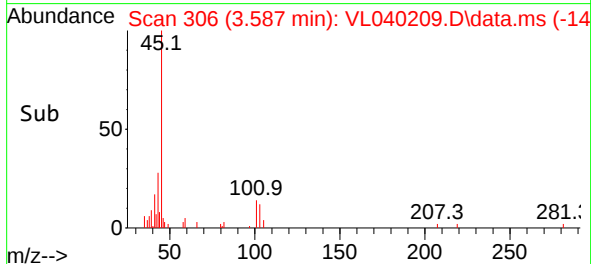
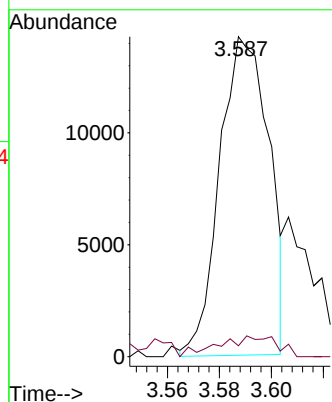
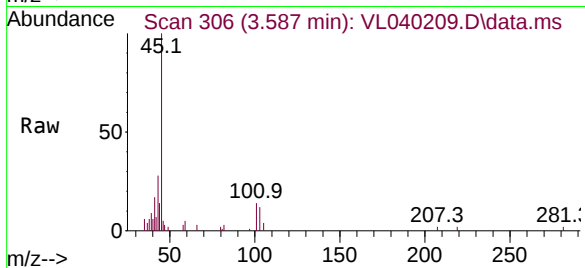
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 45 Resp: 18800

Ion Ratio Lower Upper

45 100

58 7.0 2.6 3.8#



#20

Methylene Chloride

Concen: 0.351 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.013 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Tgt Ion: 84 Resp: 17564

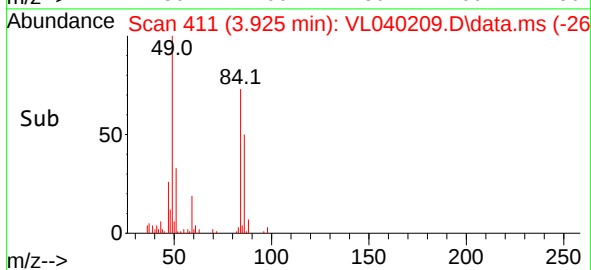
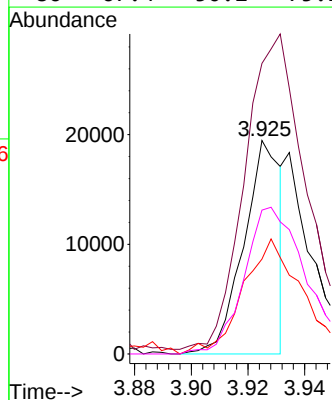
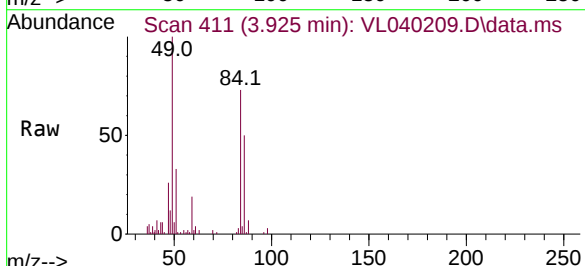
Ion Ratio Lower Upper

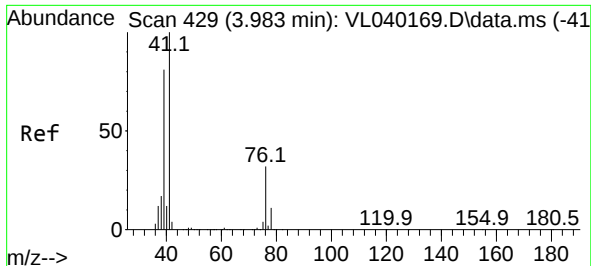
84 100

49 133.9 115.5 173.3

51 45.6 33.1 49.7

86 67.4 50.2 75.2

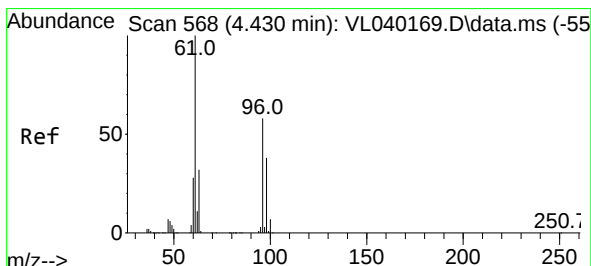
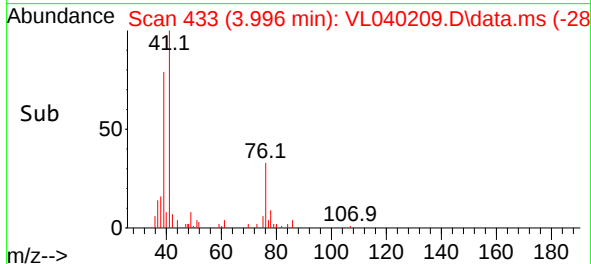
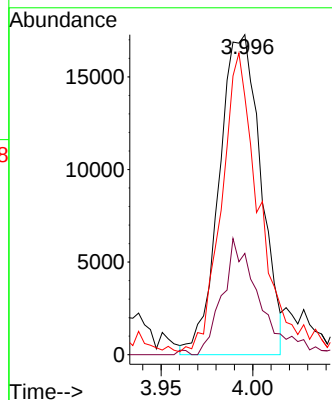
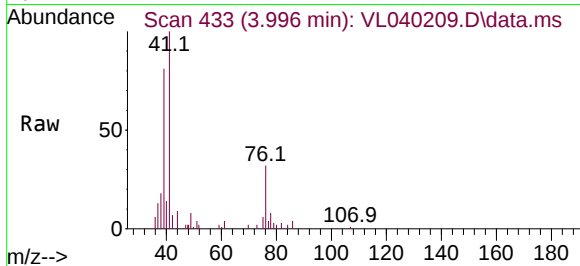




#21
 Allyl Chloride
 Concen: 0.462 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

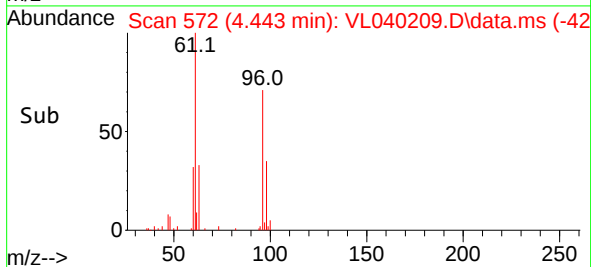
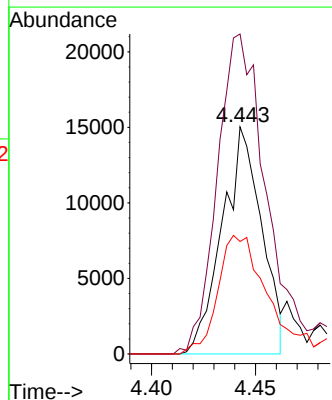
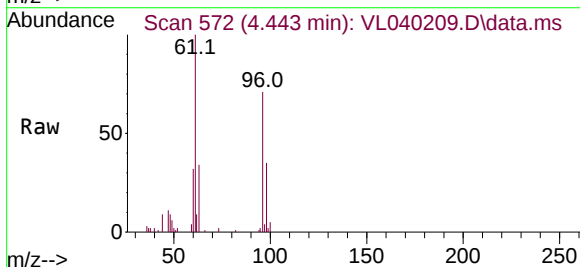
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

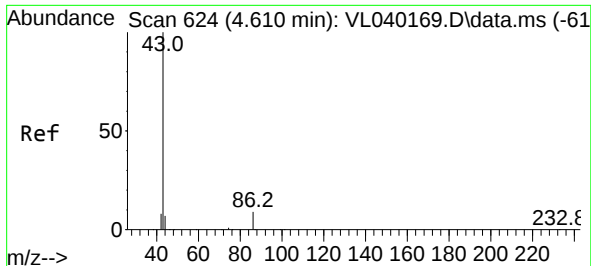
Tgt Ion: 41 Resp: 27234
 Ion Ratio Lower Upper
 41 100
 76 33.4 25.5 38.3
 39 92.8 64.5 96.7



#22
 trans-1,2-Dichloroethene
 Concen: 0.448 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.013 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

Tgt Ion: 96 Resp: 19818
 Ion Ratio Lower Upper
 96 100
 61 150.7 137.5 206.3
 98 49.6 52.8 79.2#

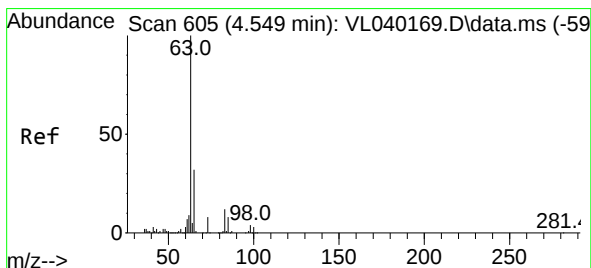
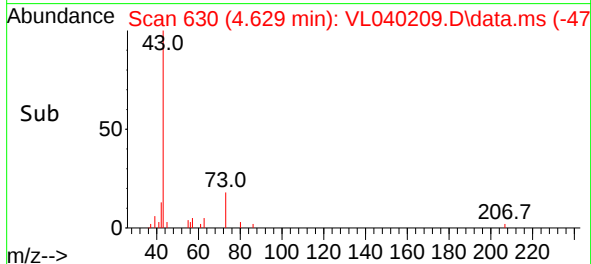
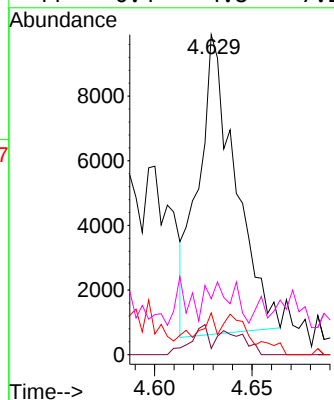
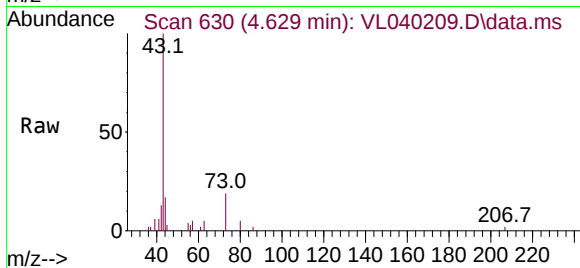




#23
 Vinyl Acetate
 Concen: 0.421 ppbv
 RT: 4.629 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

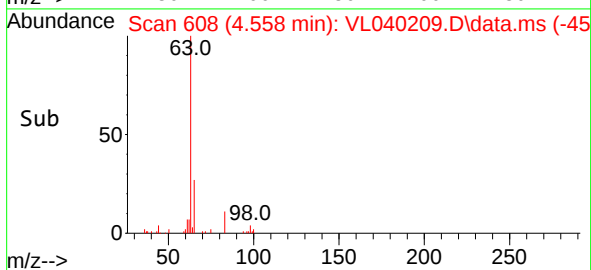
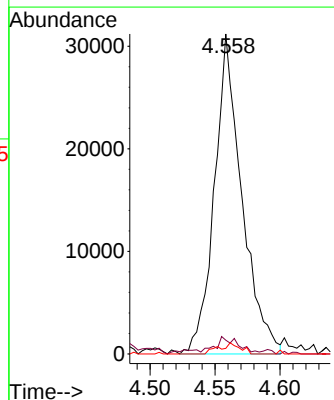
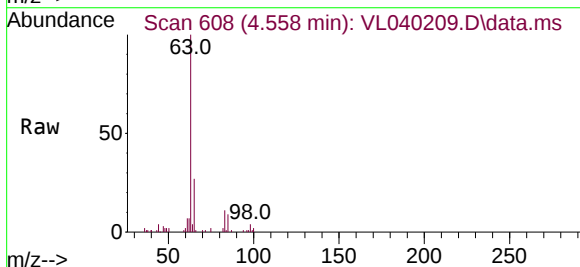
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

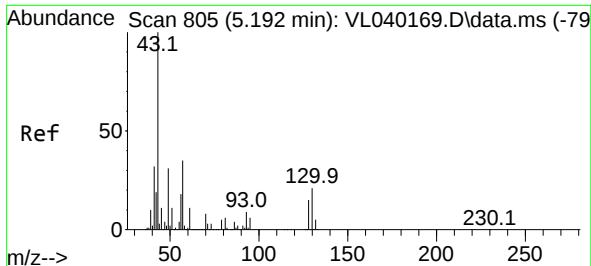
Tgt Ion:	43	Resp:	12279
Ion	Ratio	Lower	Upper
43	100		
86	2.1	5.6	8.4#
42	10.2	7.6	11.4
44	0.4	4.8	7.2#



#24
 1,1-Dichloroethane
 Concen: 0.502 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.016 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

Tgt Ion:	63	Resp:	45731
Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.3	6.8
100	1.8	1.4	4.0

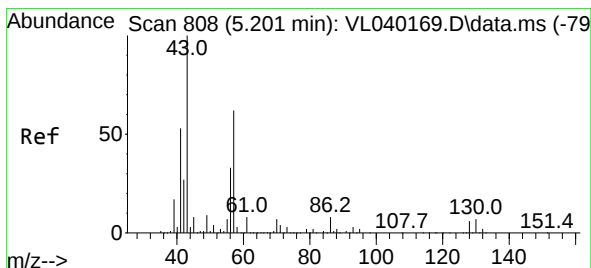
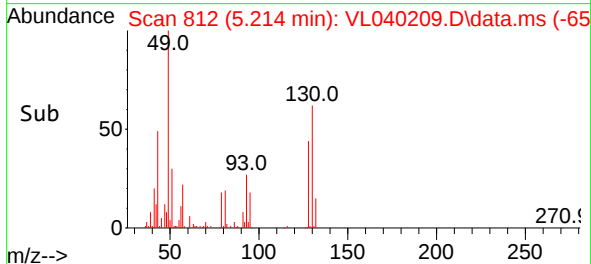
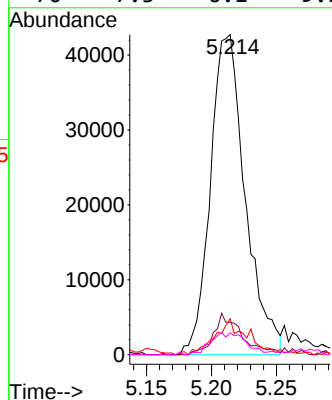
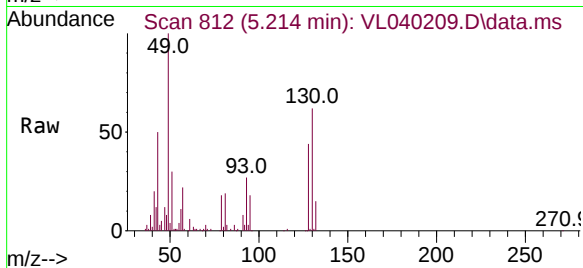




#25
Ethyl Acetate
Concen: 0.446 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.003 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

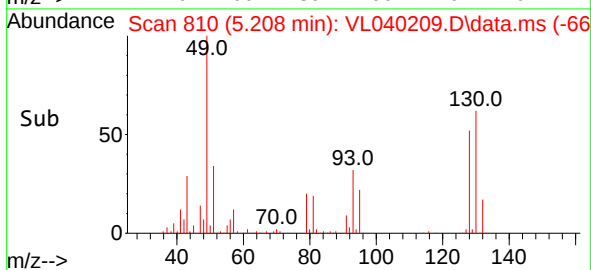
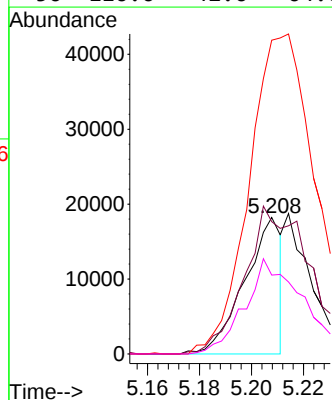
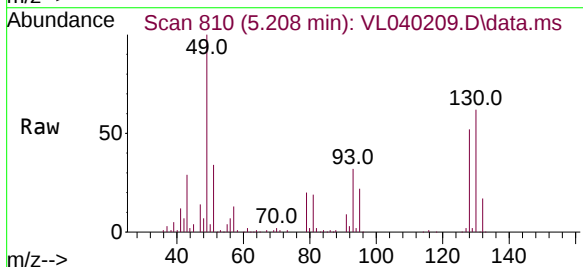
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

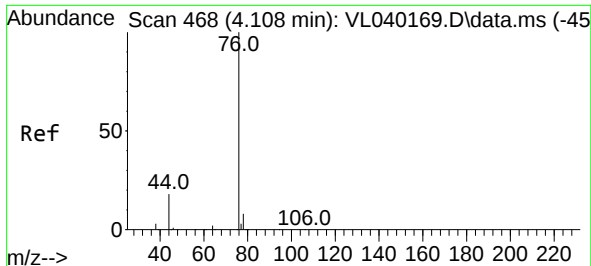
Tgt Ion: 43	Resp: 79639
Ion Ratio	Lower Upper
43 100	
45 10.4	8.3 12.5
61 11.3	8.4 12.6
70 7.3	6.1 9.1



#26
Hexane
Concen: 0.233 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.016 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 57	Resp: 17858
Ion Ratio	Lower Upper
57 100	
41 204.9	74.3 111.5#
43 0.0	193.0 289.4#
56 116.6	42.6 64.0#





#27

Carbon Disulfide

Concen: 0.438 ppbv

RT: 4.121 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

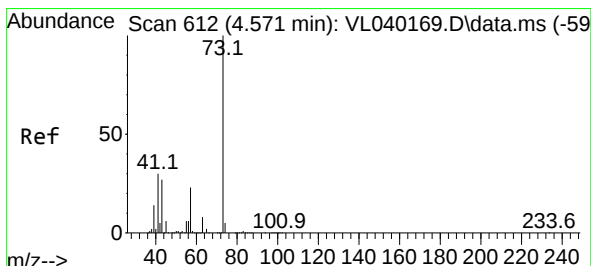
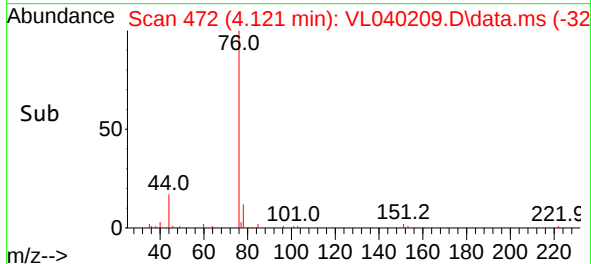
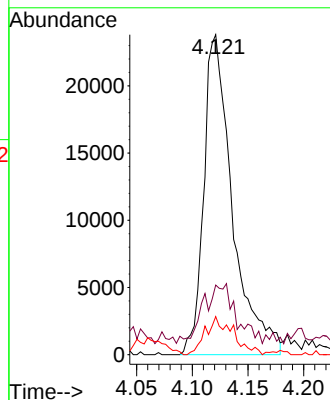
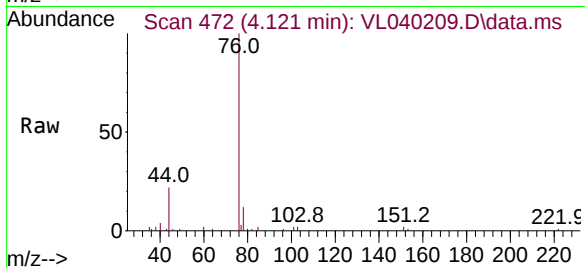
Tgt Ion: 76 Resp: 42624

Ion Ratio Lower Upper

76 100

44 21.6 15.3 22.9

78 12.1 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.448 ppbv

RT: 4.597 min Scan# 620

Delta R.T. -0.000 min

Lab File: VL040209.D

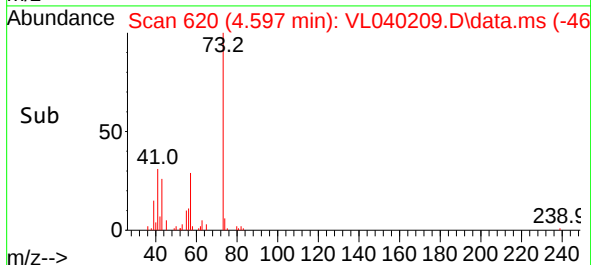
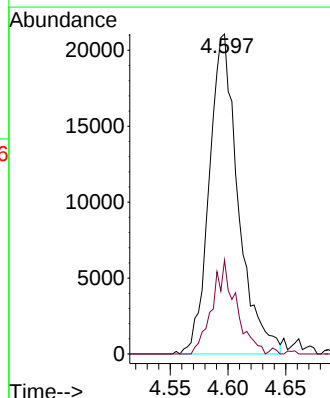
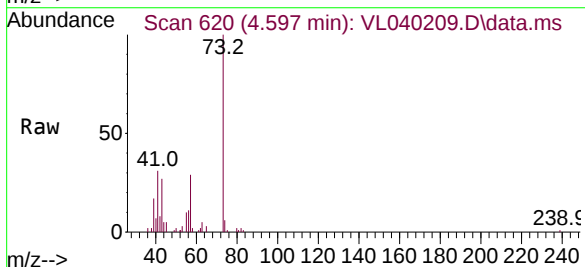
Acq: 22 Feb 2023 00:15

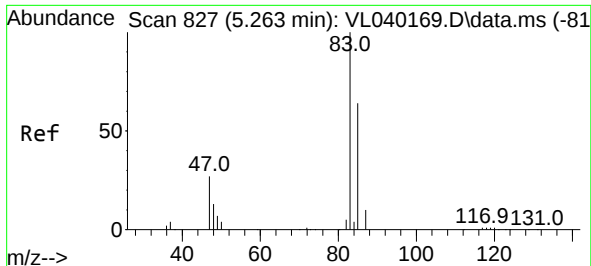
Tgt Ion: 73 Resp: 36774

Ion Ratio Lower Upper

73 100

57 24.7 18.8 28.2

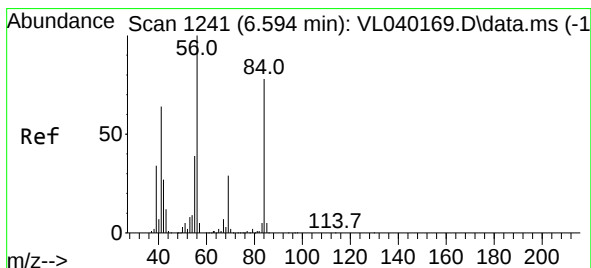
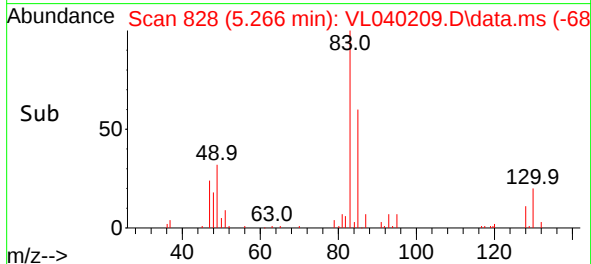
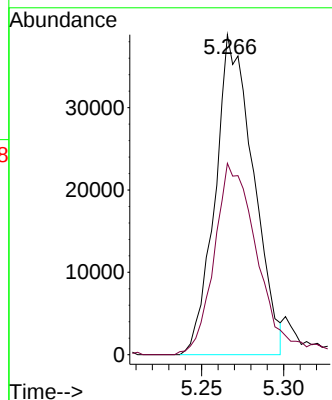
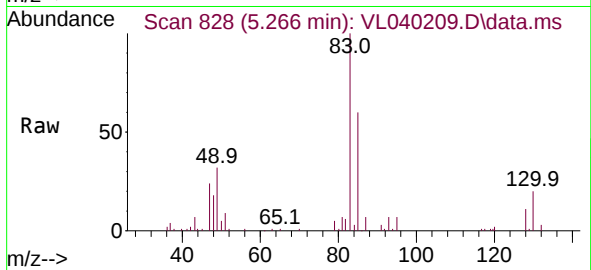




#29
Chloroform
Concen: 0.478 ppbv
RT: 5.266 min Scan# 81
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

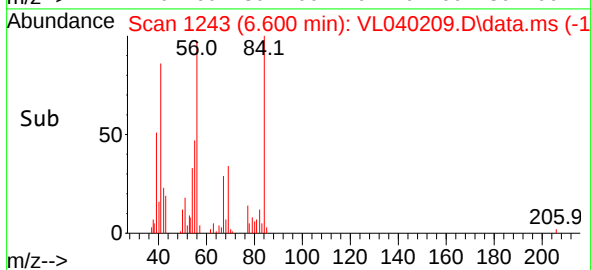
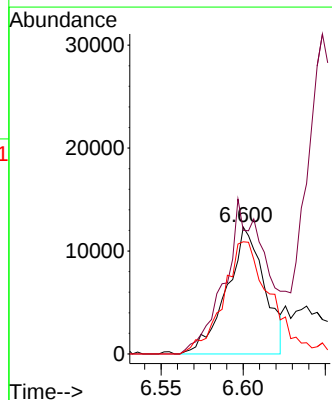
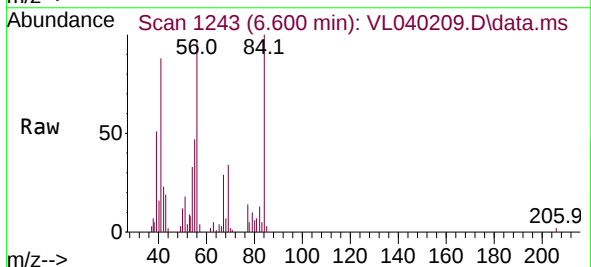
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

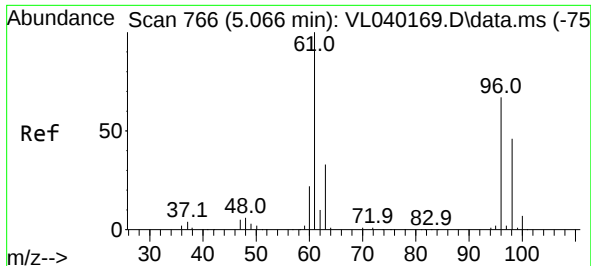
Tgt Ion: 83 Resp: 62966
Ion Ratio Lower Upper
83 100
85 58.8 51.5 77.3



#30
Cyclohexane
Concen: 0.326 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 84 Resp: 19601
Ion Ratio Lower Upper
84 100
56 130.3 109.9 164.9
41 111.7 67.8 101.6#

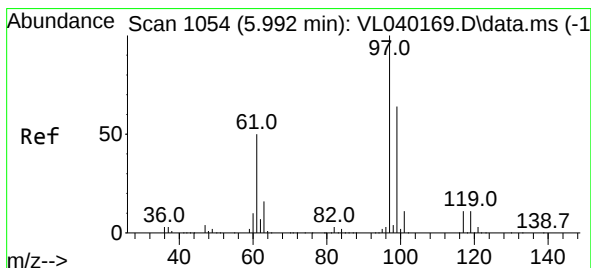
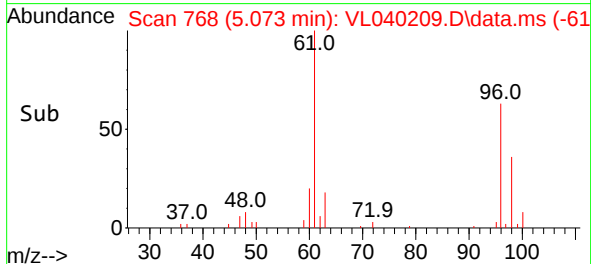
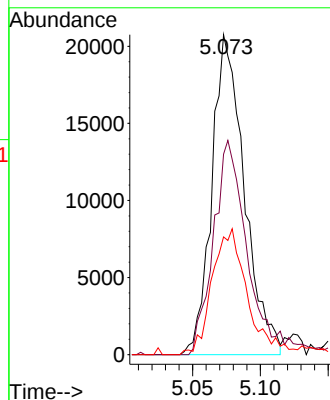
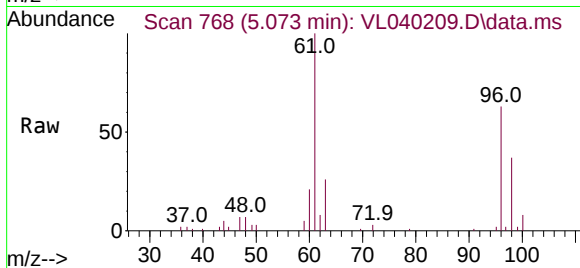




#31
 cis-1,2-Dichloroethene
 Concen: 0.474 ppbv
 RT: 5.073 min Scan# 768
 Delta R.T. -0.019 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

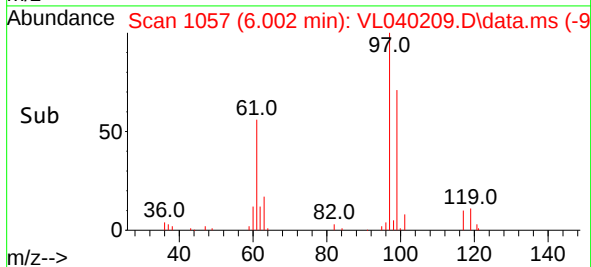
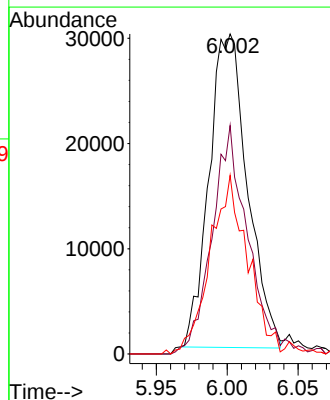
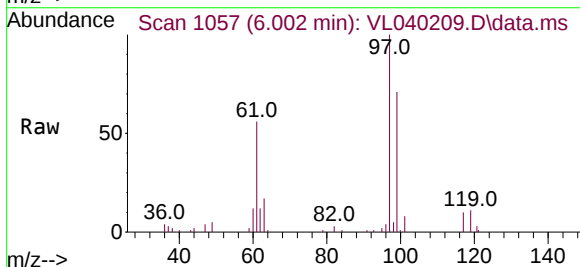
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

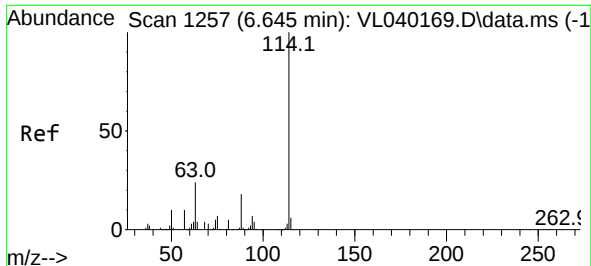
Tgt Ion: 61 Resp: 34520
 Ion Ratio Lower Upper
 61 100
 96 62.7 53.7 80.5
 98 36.8 36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 0.455 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.019 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

Tgt Ion: 97 Resp: 56213
 Ion Ratio Lower Upper
 97 100
 99 68.9 51.5 77.3
 61 57.3 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040209.D

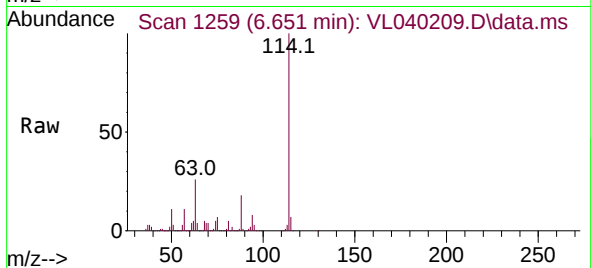
Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



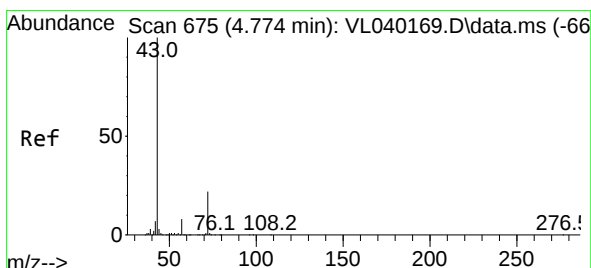
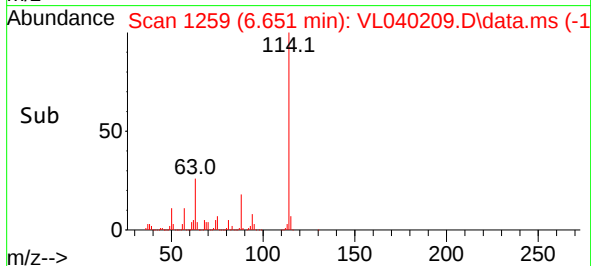
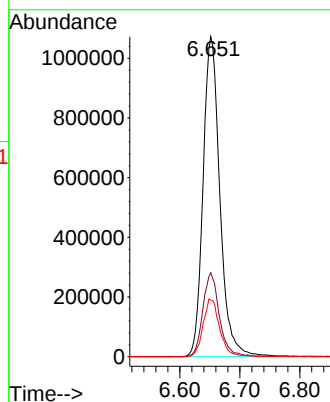
Tgt Ion:114 Resp: 2096159

Ion Ratio Lower Upper

114 100

63 26.0 20.4 30.6

88 17.9 14.3 21.5



#34

2-Butanone

Concen: 0.470 ppbv

RT: 4.799 min Scan# 683

Delta R.T. 0.003 min

Lab File: VL040209.D

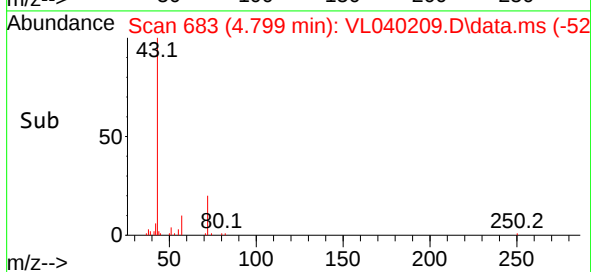
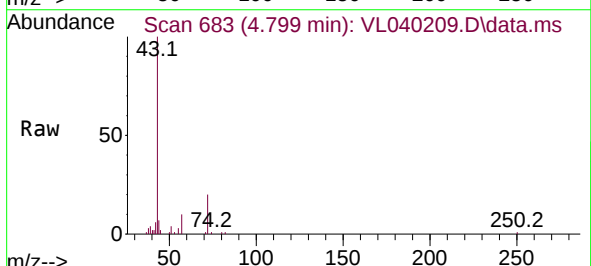
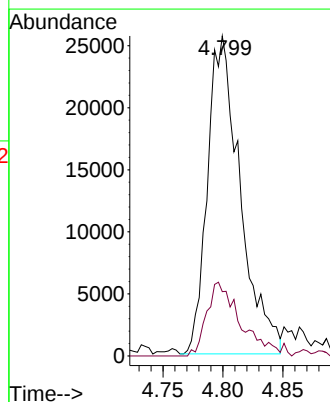
Acq: 22 Feb 2023 00:15

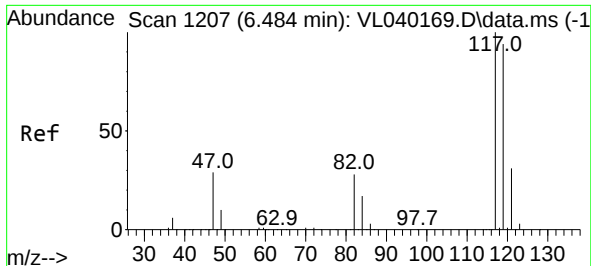
Tgt Ion: 43 Resp: 48649

Ion Ratio Lower Upper

43 100

72 25.7 17.8 26.8

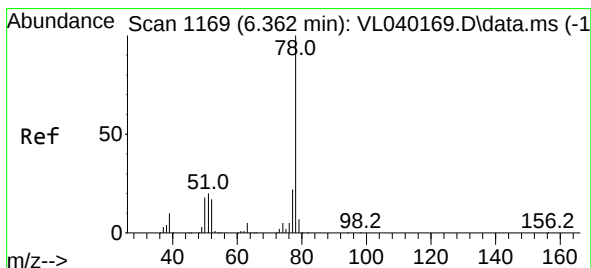
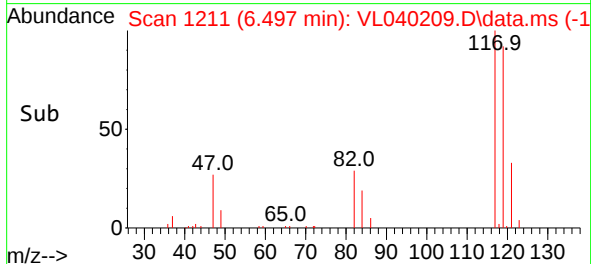
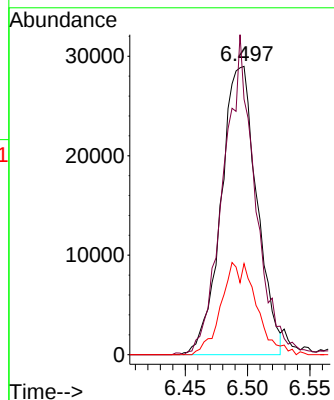
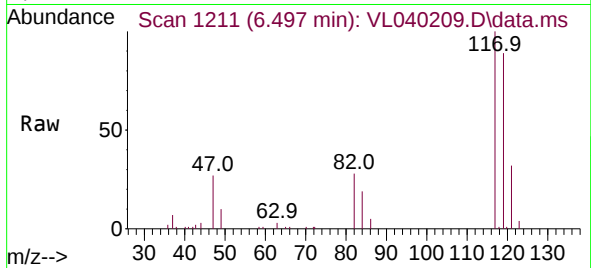




#35
Carbon Tetrachloride
Concen: 0.467 ppbv
RT: 6.497 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

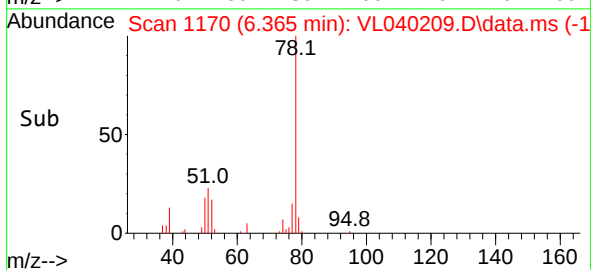
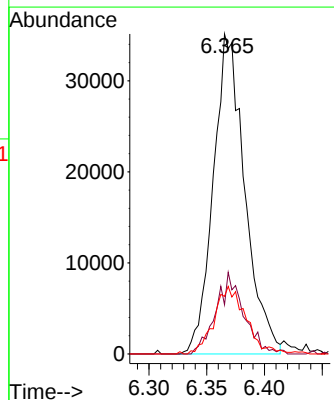
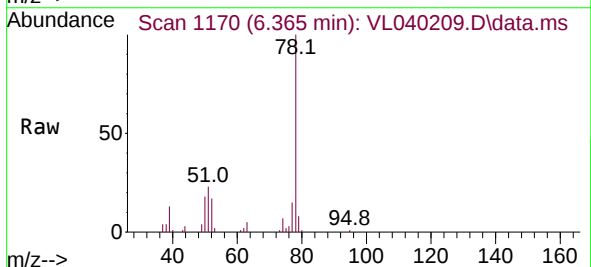
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

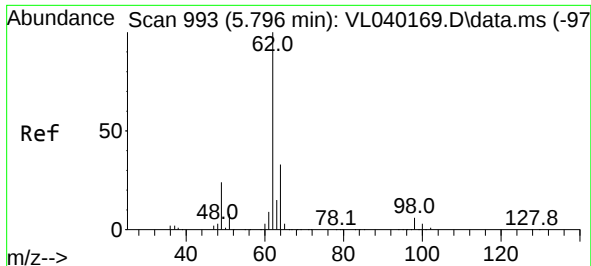
Tgt Ion:117 Resp: 57910
Ion Ratio Lower Upper
117 100
119 88.0 75.0 112.6
121 31.6 25.0 37.4



#36
Benzene
Concen: 0.408 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 78 Resp: 66620
Ion Ratio Lower Upper
78 100
77 15.4 17.5 26.3#
50 17.3 14.6 22.0

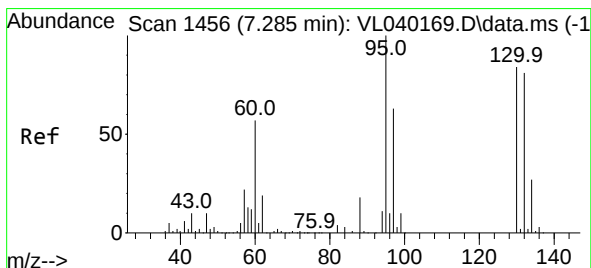
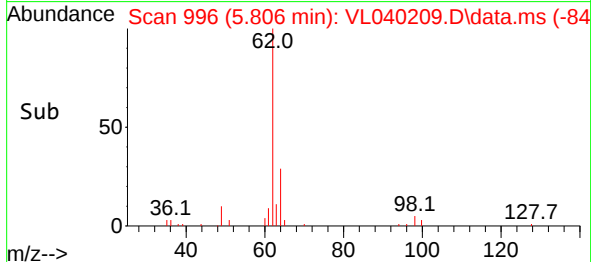
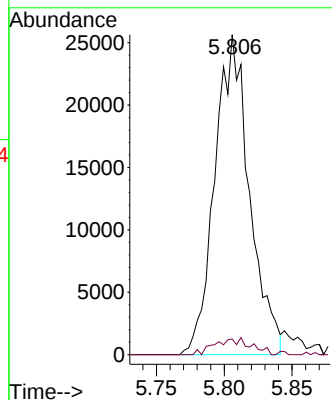
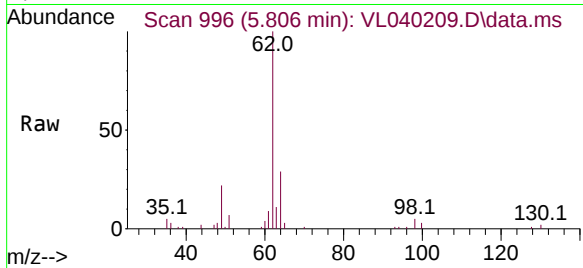




#37
1,2-Dichloroethane
Concen: 0.446 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.016 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

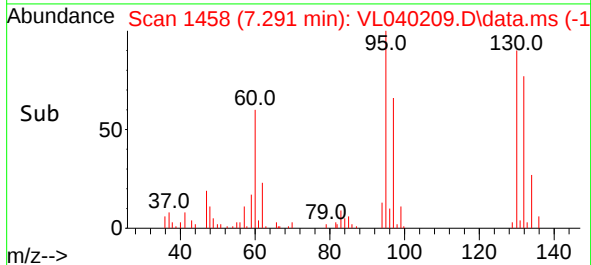
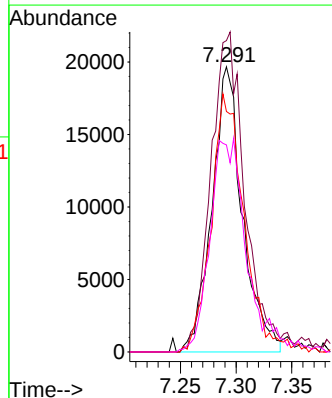
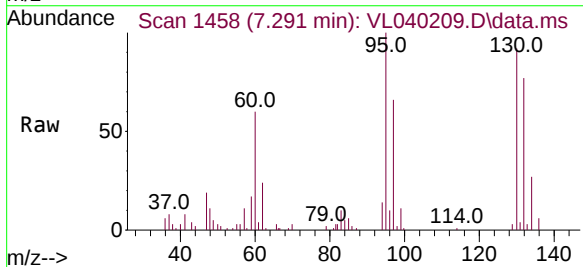
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

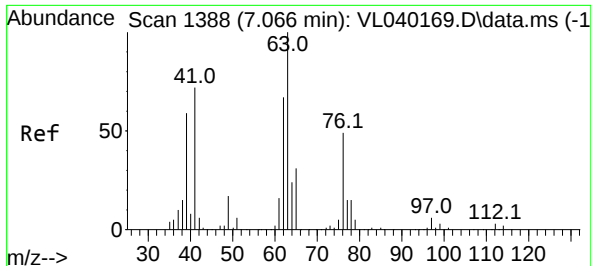
Tgt Ion: 62 Resp: 45510
Ion Ratio Lower Upper
62 100
98 5.6 4.7 7.1



#38
Trichloroethene
Concen: 0.417 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion:130 Resp: 37497
Ion Ratio Lower Upper
130 100
95 109.2 94.7 142.1
132 84.3 76.4 114.6
97 71.7 59.8 89.6





#39

1,2-Dichloropropane

Concen: 0.406 ppbv

RT: 7.069 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

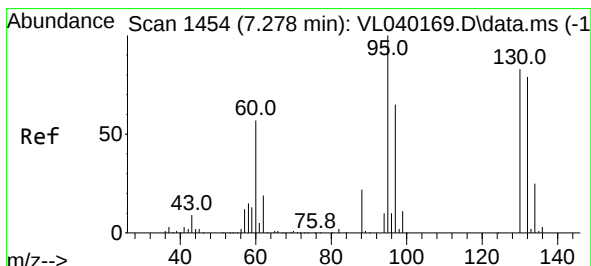
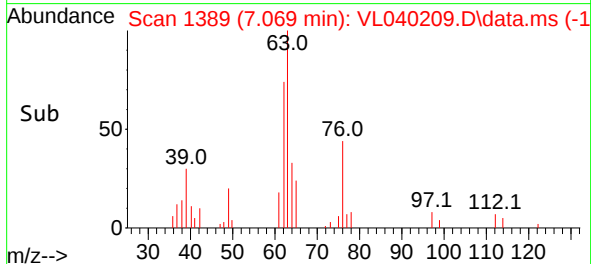
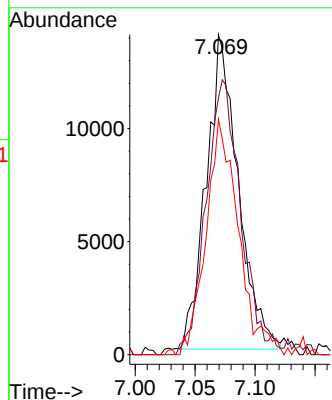
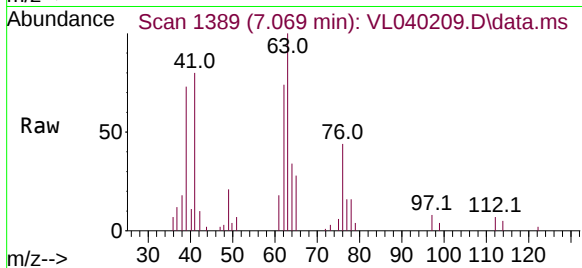
Tgt Ion: 63 Resp: 25755

Ion Ratio Lower Upper

63 100

41 79.5 57.6 86.4

62 74.9 54.0 81.0



#40

1,4-Dioxane

Concen: 0.015 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.010 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Tgt Ion: 88 Resp: 379

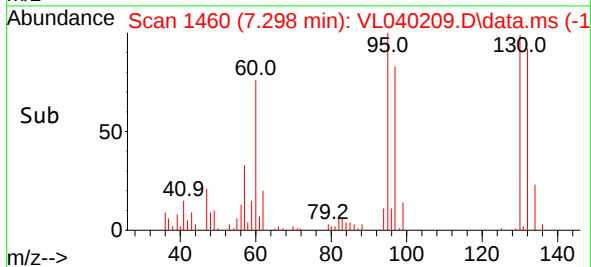
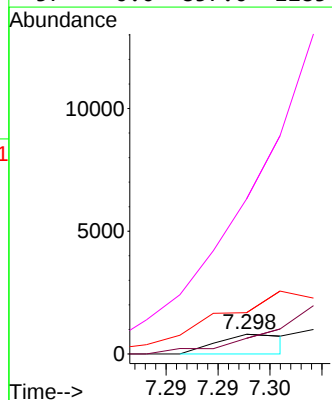
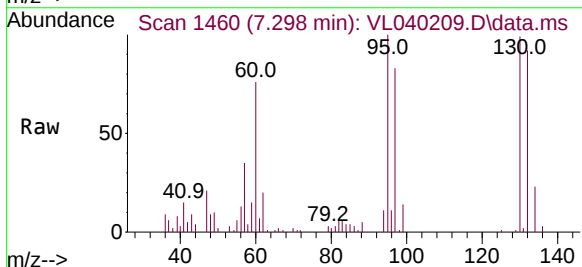
Ion Ratio Lower Upper

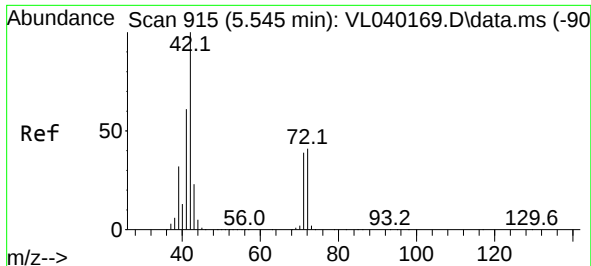
88 100

58 0.0 97.4 146.0#

43 0.0 193.5 290.3#

57 0.0 857.0 1285.6#





#41

Tetrahydrofuran

Concen: 0.249 ppbv

RT: 5.584 min Scan# 915

Delta R.T. 0.013 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

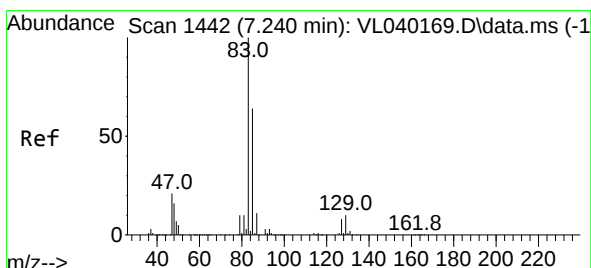
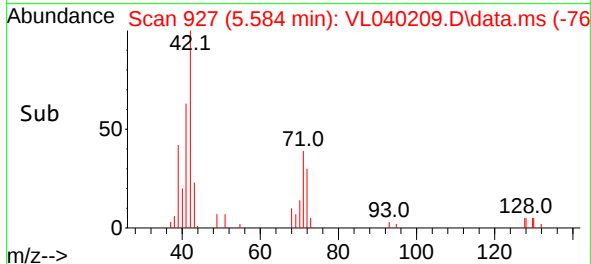
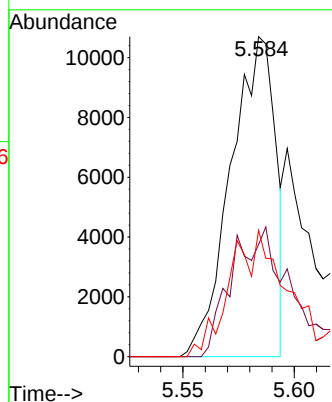
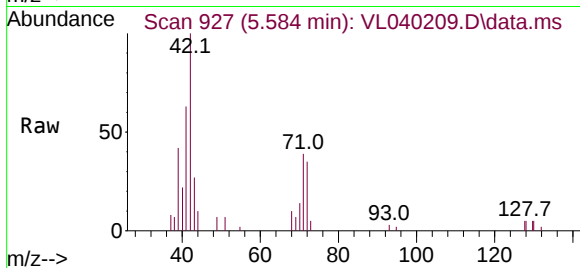
Tgt Ion: 42 Resp: 14950

Ion Ratio Lower Upper

42 100

72 59.3 33.0 49.4#

71 53.3 31.4 47.2#



#42

Bromodichloromethane

Concen: 0.414 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.023 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

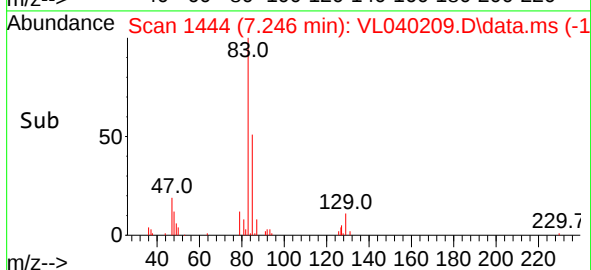
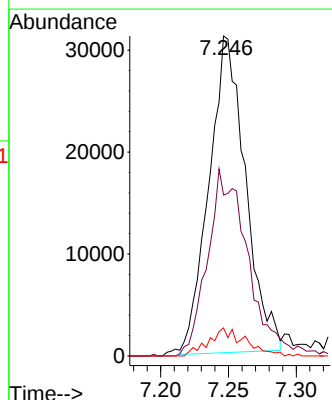
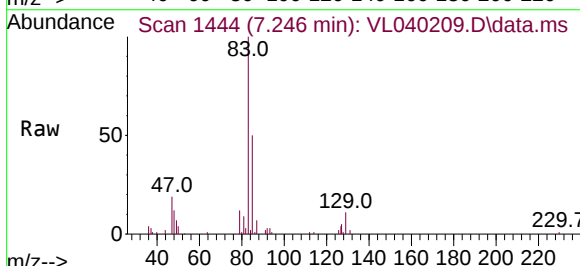
Tgt Ion: 83 Resp: 58269

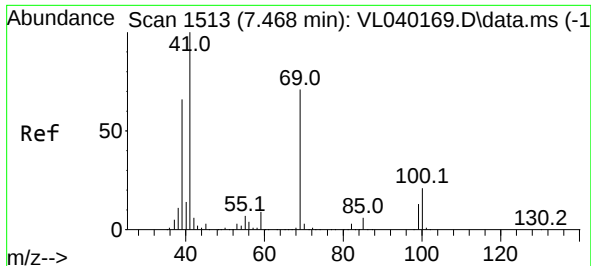
Ion Ratio Lower Upper

83 100

85 50.5 50.9 76.3#

127 8.9 6.2 9.2

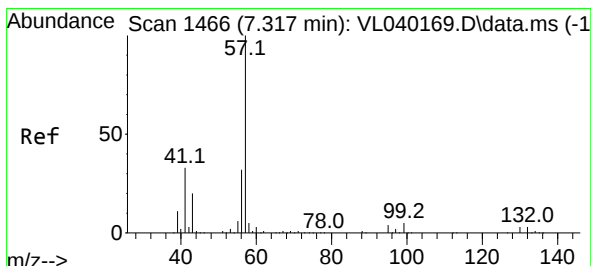
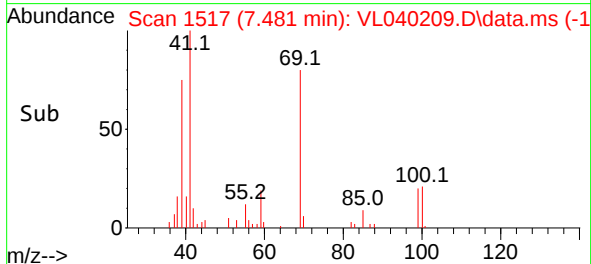
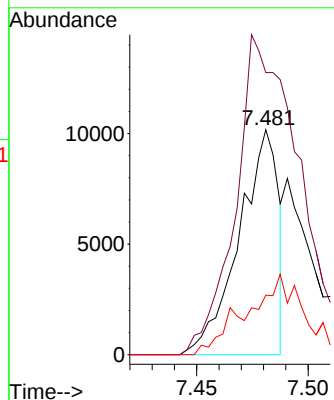
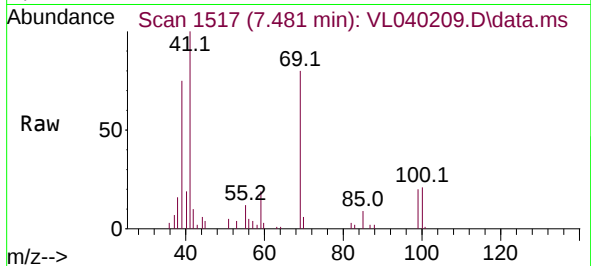




#43
Methyl Methacrylate
Concen: 0.207 ppbv
RT: 7.481 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

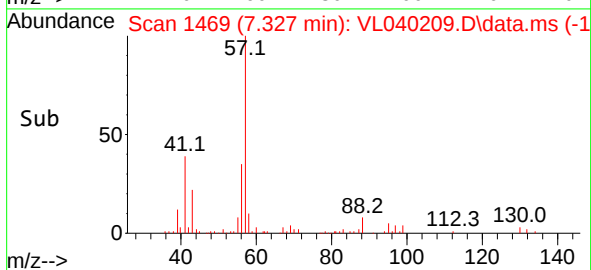
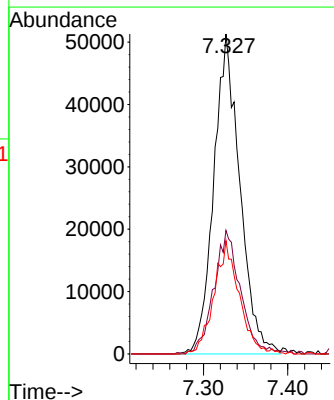
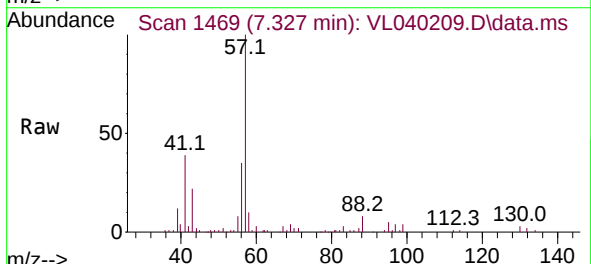
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

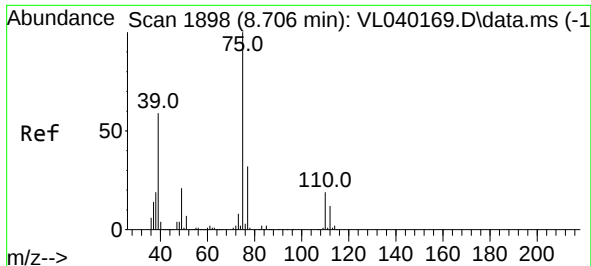
Tgt Ion: 69 Resp: 12492
Ion Ratio Lower Upper
69 100
41 236.6 116.6 174.8#
100 0.0 25.6 38.4#



#44
2,2,4-Trimethylpentane
Concen: 0.404 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.019 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 57 Resp: 110095
Ion Ratio Lower Upper
57 100
41 39.9 26.2 39.4#
56 34.2 24.9 37.3

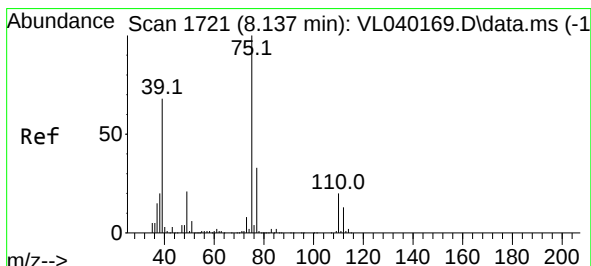
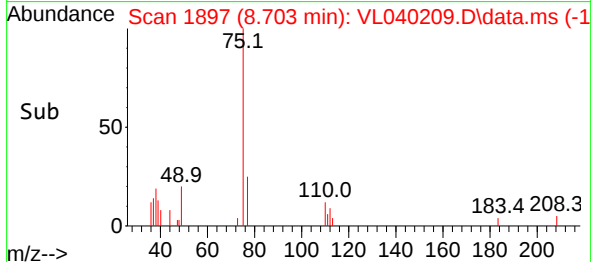
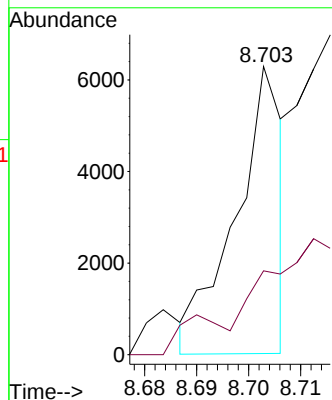
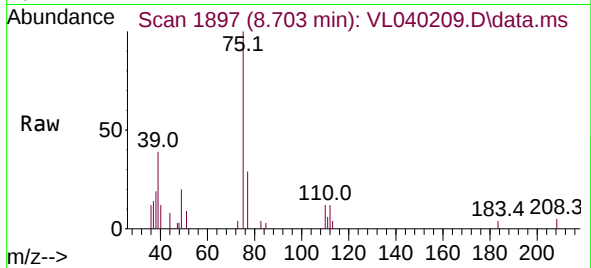




#45
 t-1,3-Dichloropropene
 Concen: 0.074 ppbv
 RT: 8.703 min Scan# 11
 Delta R.T. -0.032 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

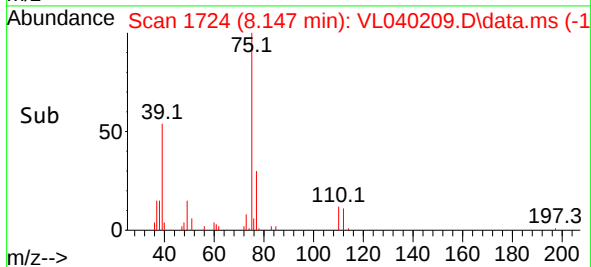
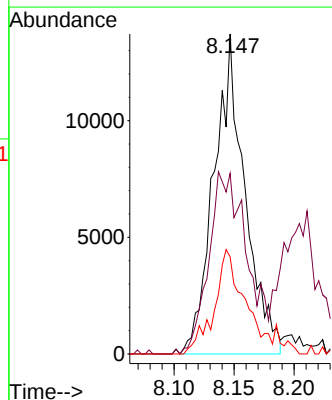
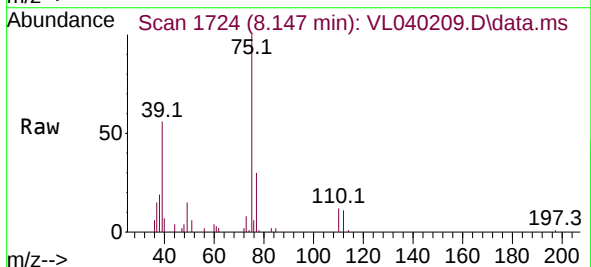
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

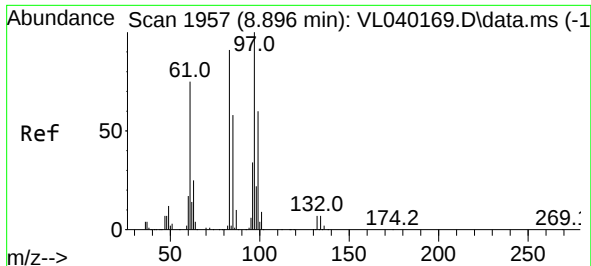
Tgt Ion: 75 Resp: 3942
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.7 38.5



#46
 cis-1,3-Dichloropropene
 Concen: 0.330 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. -0.016 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

Tgt Ion: 75 Resp: 24635
 Ion Ratio Lower Upper
 75 100
 39 56.4 54.2 81.2
 77 30.4 26.0 39.0



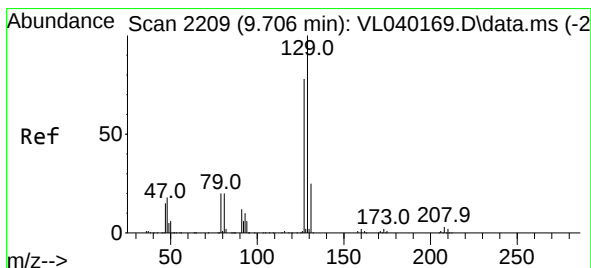
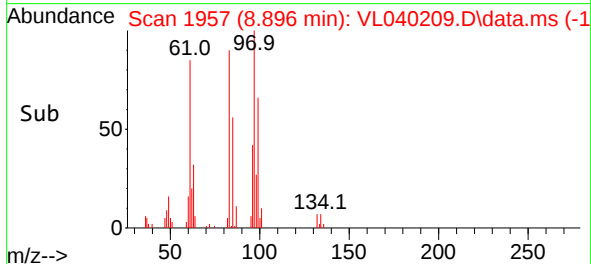
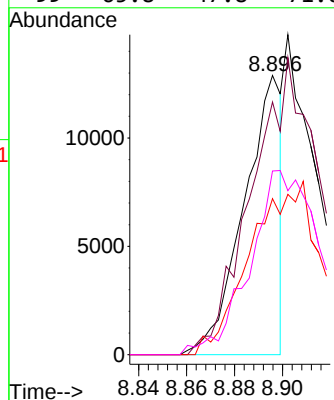
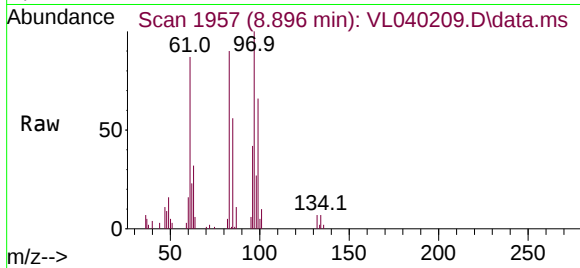


#47
1,1,2-Trichloroethane
Concen: 0.205 ppbv
RT: 8.896 min Scan# 1957
Delta R.T. -0.029 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

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

Tgt Ion: 97 Resp: 14042

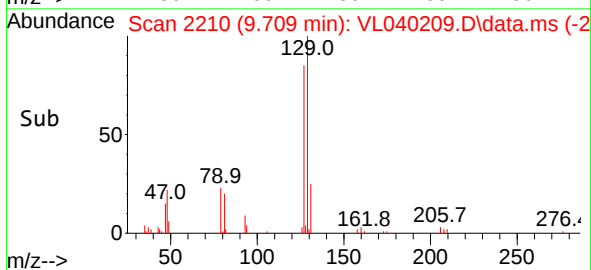
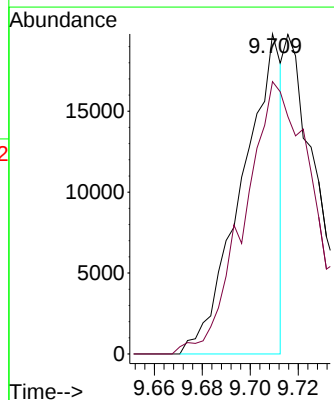
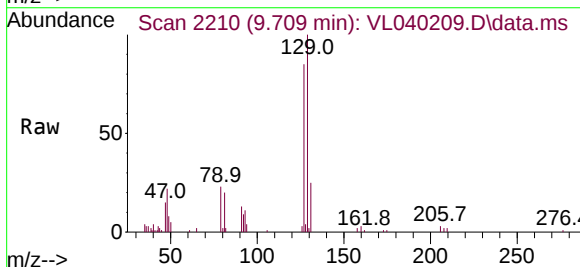
Ion	Ratio	Lower	Upper
97	100		
83	90.5	72.8	109.2
85	55.9	46.6	69.8
99	65.8	47.8	71.6

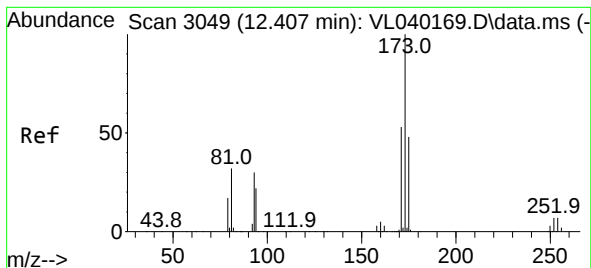


#48
Dibromochloromethane
Concen: 0.207 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. -0.026 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 129 Resp: 22739

Ion	Ratio	Lower	Upper
129	100		
127	156.7	39.1	117.2





#49

Bromoform

Concen: 0.183 ppbv

RT: 12.407 min Scan# 3049

Delta R.T. -0.029 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

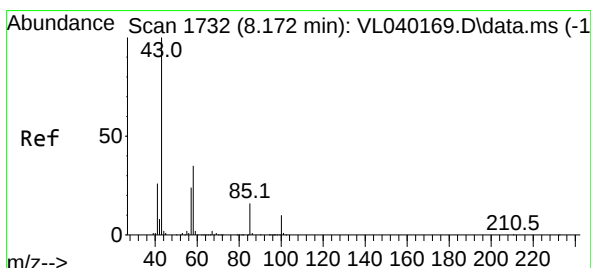
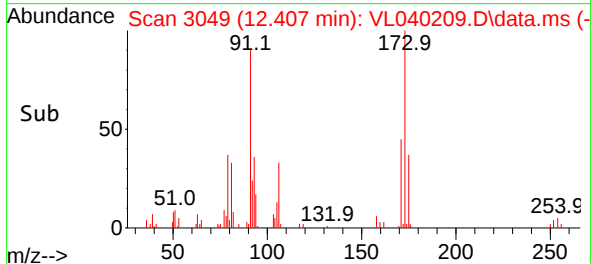
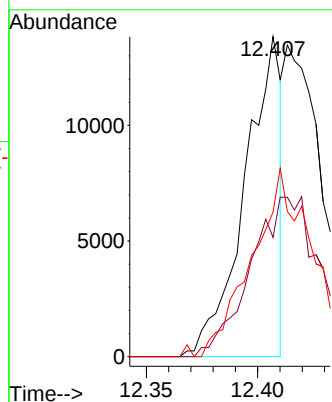
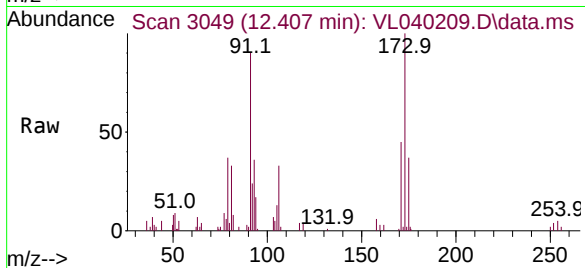
Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

Tgt Ion:173	Resp:	15674
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: 0.373 ppbv

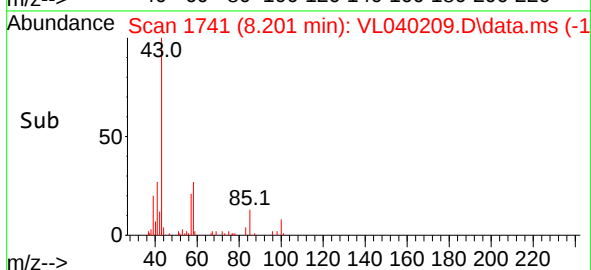
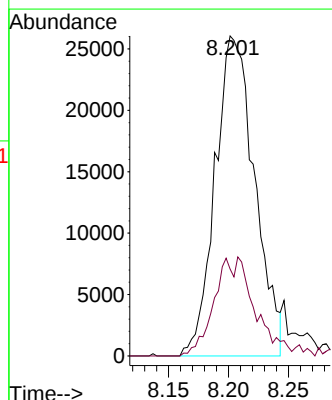
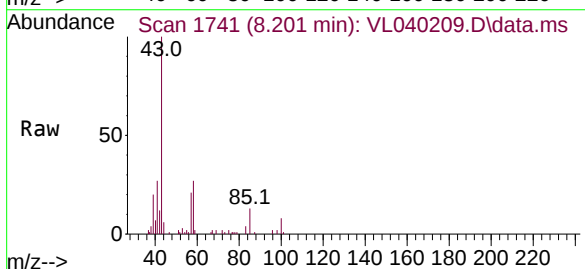
RT: 8.201 min Scan# 1741

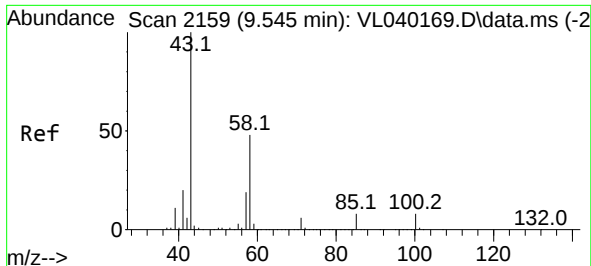
Delta R.T. -0.000 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Tgt Ion: 43	Resp:	59895
Ion Ratio	Lower	Upper
43	100	
58	32.3	29.2 43.8

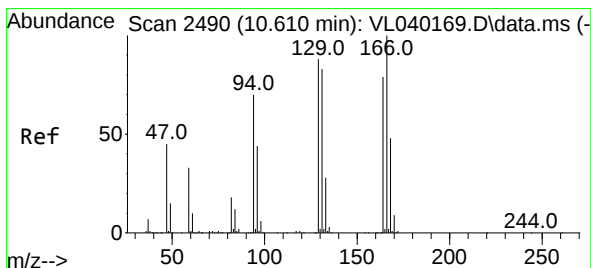
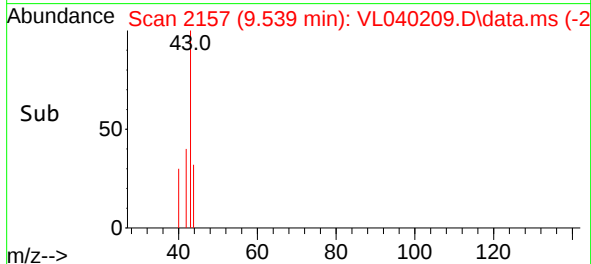
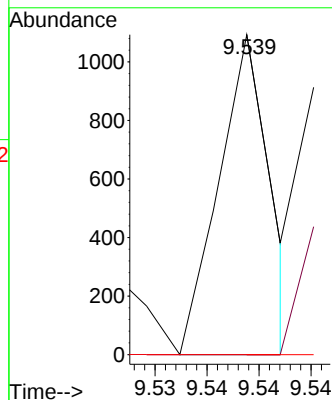
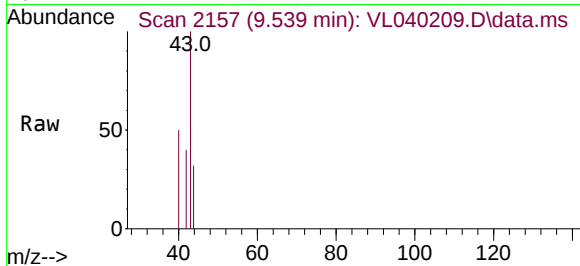




#51
2-Hexanone
Concen: 0.003 ppbv
RT: 9.539 min Scan# 2159
Delta R.T. -0.035 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

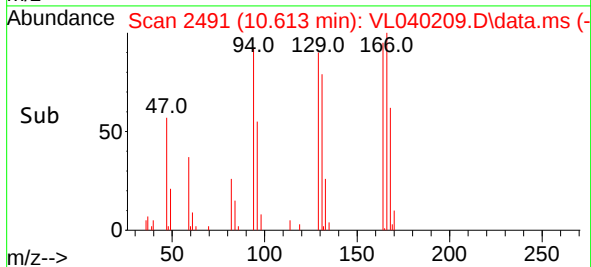
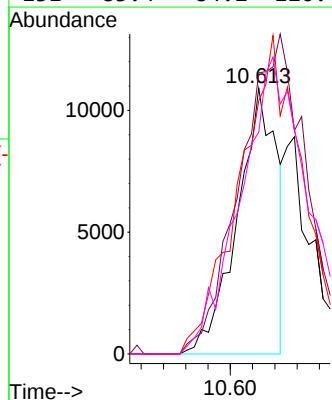
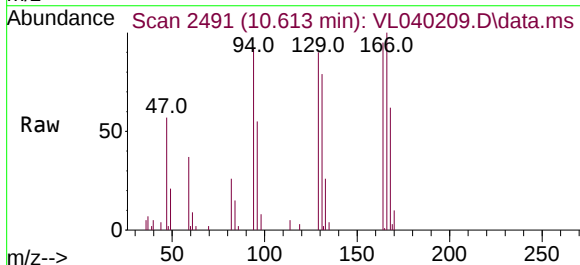
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT1-2023

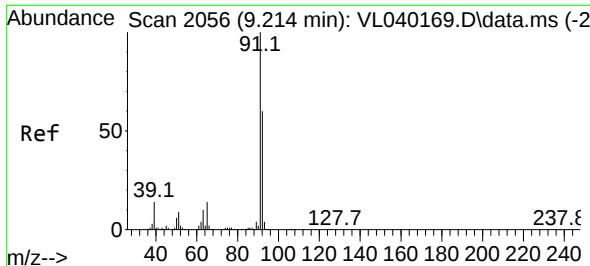
Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
58 0.0 39.1 58.7#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.263 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.029 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion:164 Resp: 13388
Ion Ratio Lower Upper
164 100
166 105.8 101.5 152.3
129 95.3 89.0 133.4
131 83.4 84.2 126.4#

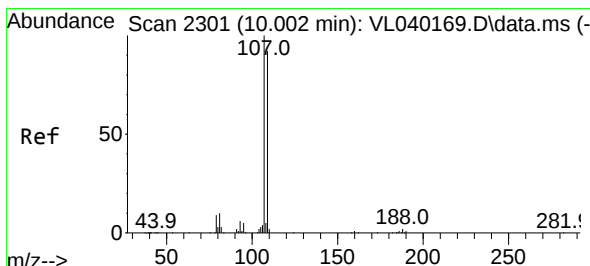
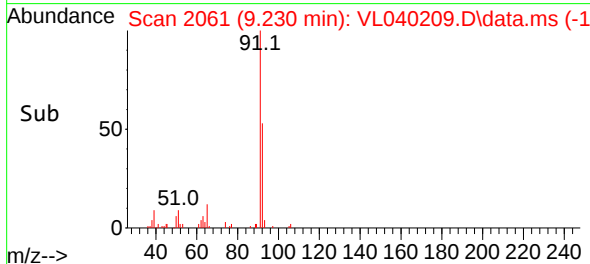
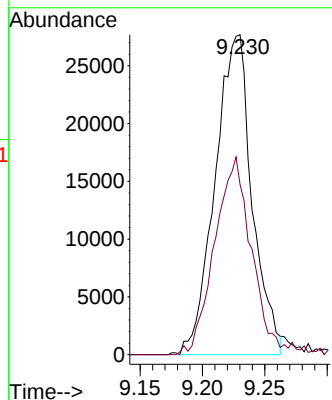
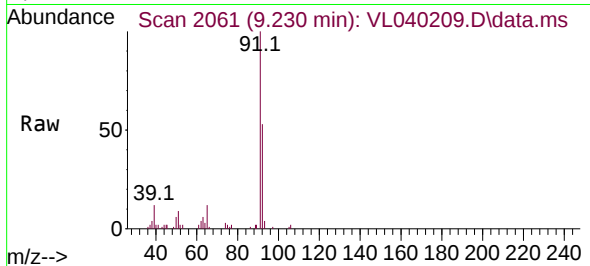




#53
Toluene
Concen: 0.328 ppbv
RT: 9.230 min Scan# 2056
Delta R.T. -0.016 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

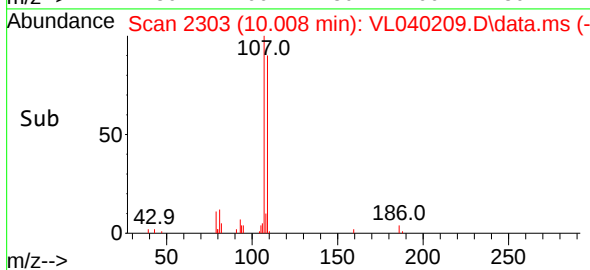
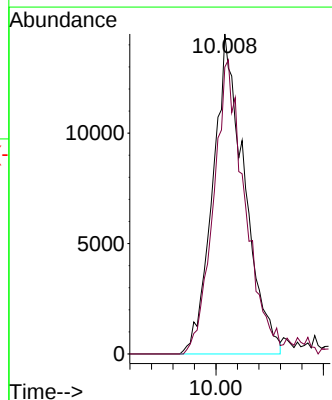
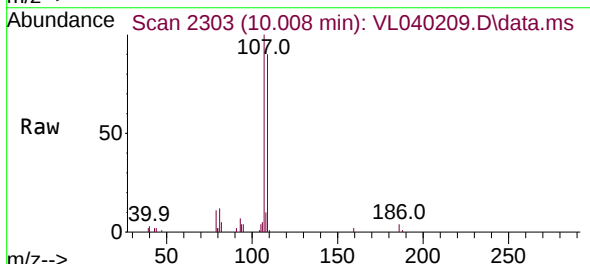
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT1-2023

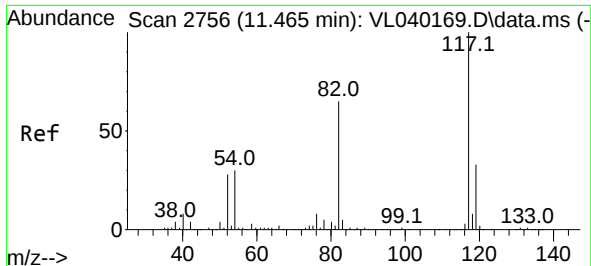
Tgt Ion: 91 Resp: 57264
Ion Ratio Lower Upper
91 100
92 62.0 48.9 73.3



#54
1,2-Dibromoethane
Concen: 0.415 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.026 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 107 Resp: 29639
Ion Ratio Lower Upper
107 100
109 89.6 73.8 110.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. -0.023 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

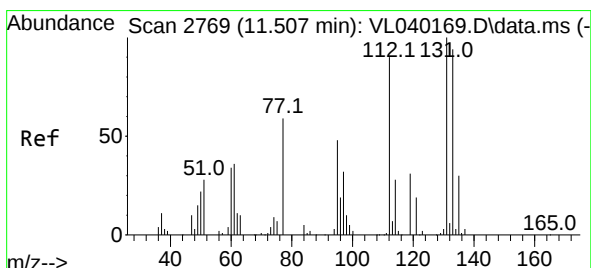
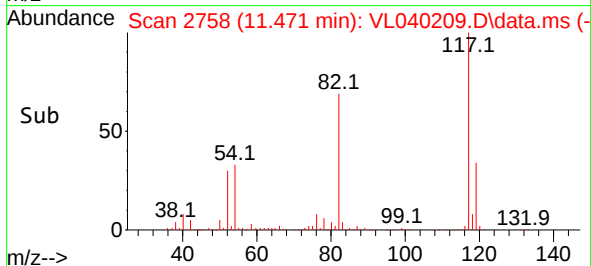
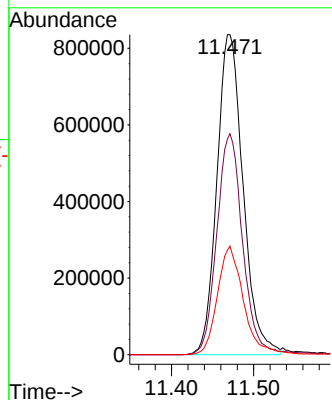
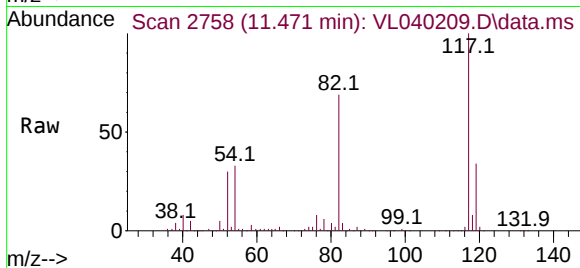
Tgt Ion:117 Resp: 1856838

Ion Ratio Lower Upper

117 100

82 69.0 53.3 79.9

119 34.0 24.6 37.0



#56

1,1,1,2-Tetrachloroethane

Concen: 0.115 ppbv

RT: 11.526 min Scan# 2775

Delta R.T. -0.013 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

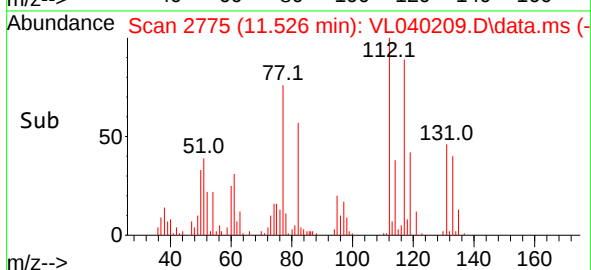
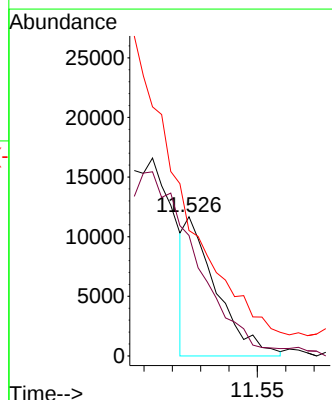
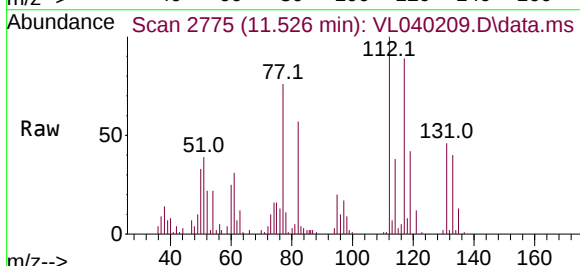
Tgt Ion:131 Resp: 8927

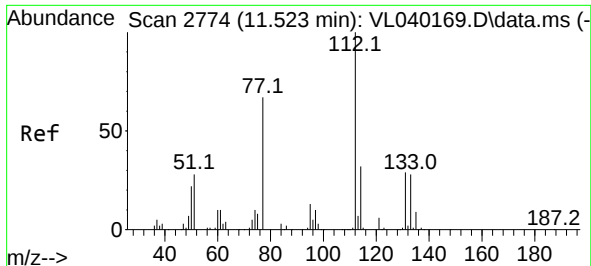
Ion Ratio Lower Upper

131 100

133 0.0 76.2 114.2#

119 0.0 45.4 68.0#

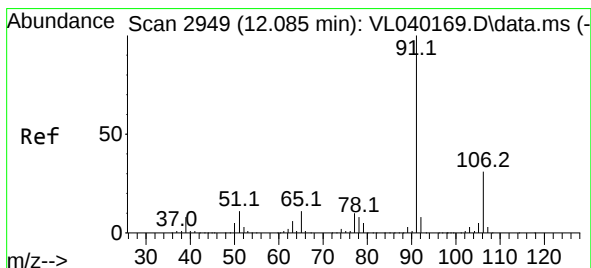
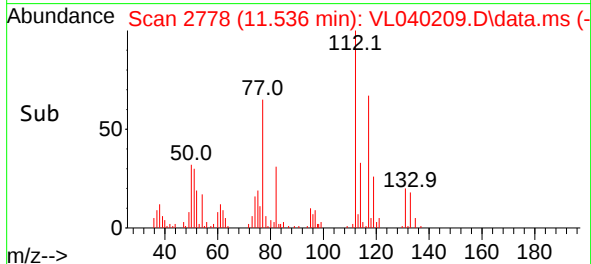
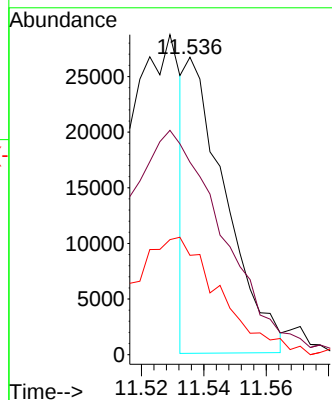
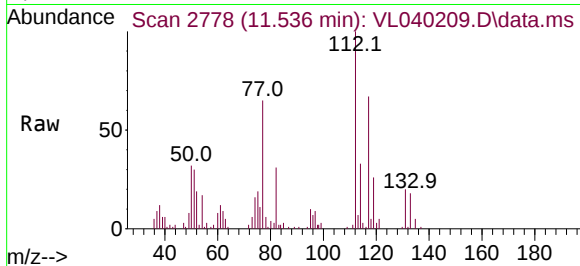




#57
Chlorobenzene
Concen: 0.174 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

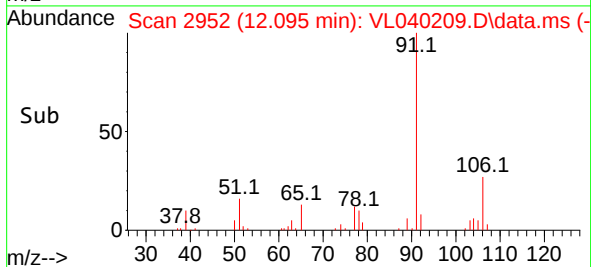
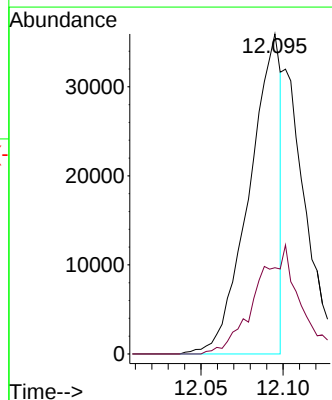
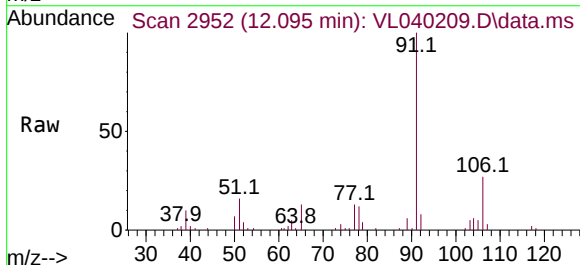
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

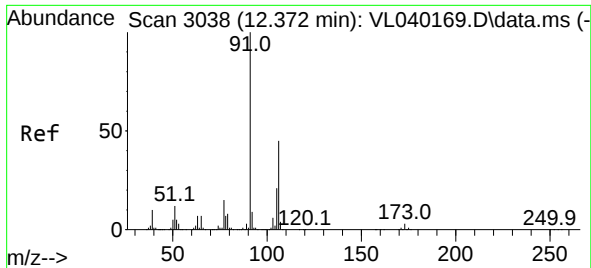
Tgt Ion:112 Resp: 23605
Ion Ratio Lower Upper
112 100
77 59.2 55.0 82.4
114 30.2 29.0 35.4



#58
Ethyl Benzene
Concen: 0.212 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 91 Resp: 47720
Ion Ratio Lower Upper
91 100
106 27.0 24.9 37.3





#59

m/p-Xylene

Concen: 0.111 ppbv

RT: 12.371 min Scan# 3038

Delta R.T. -0.026 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_1

ClientSampleId :

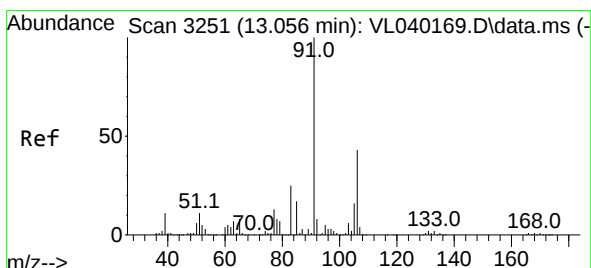
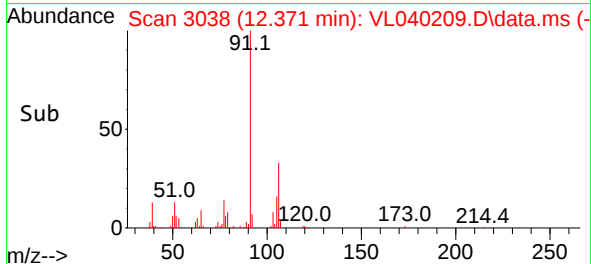
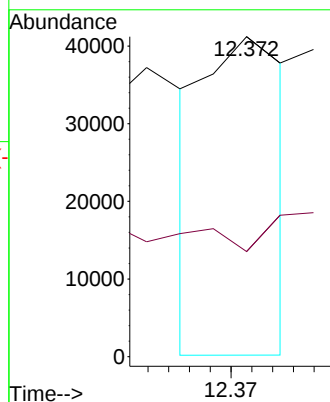
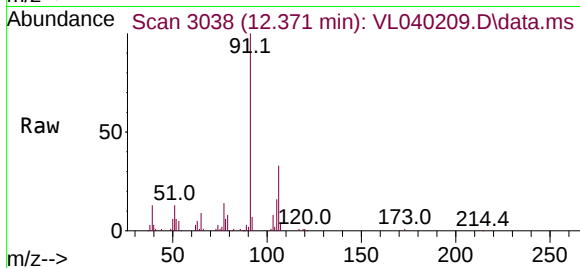
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 91 Resp: 22163

Ion Ratio Lower Upper

91 100

106 0.0 34.6 51.8#



#60

o-Xylene

Concen: 0.396 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. -0.019 min

Lab File: VL040209.D

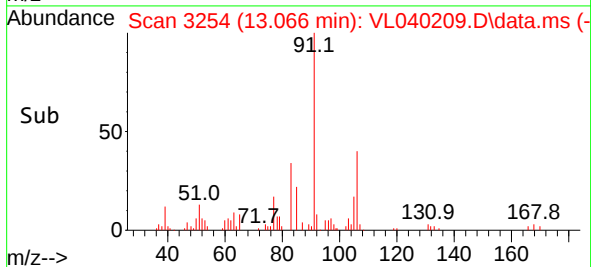
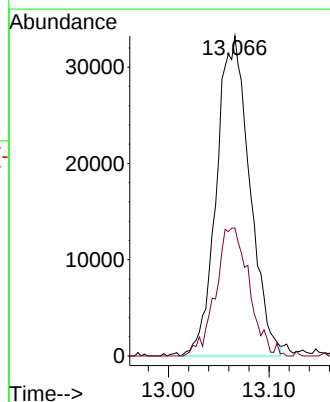
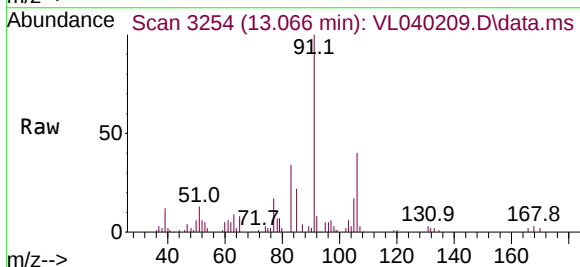
Acq: 22 Feb 2023 00:15

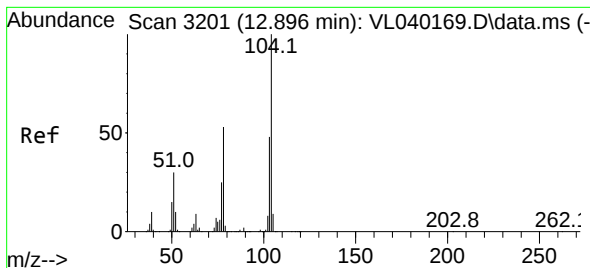
Tgt Ion: 91 Resp: 76112

Ion Ratio Lower Upper

91 100

106 40.8 21.6 65.0





#61

Styrene

Concen: 0.181 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.023 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

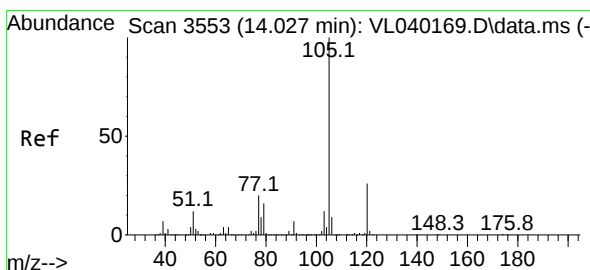
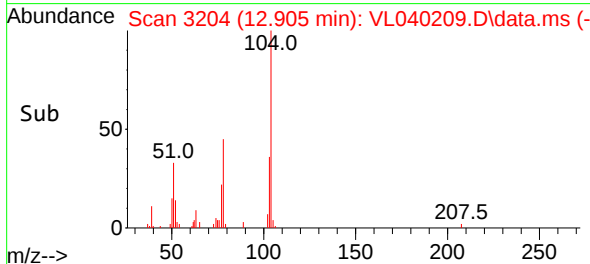
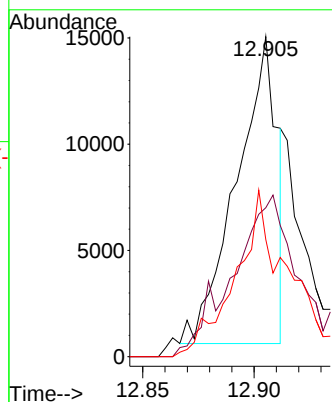
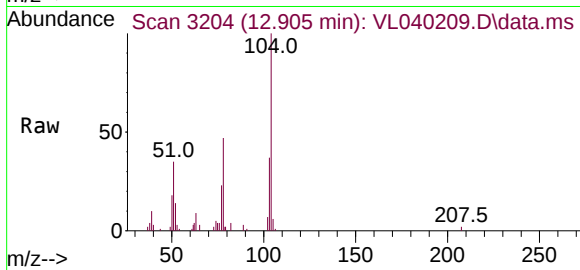
Tgt Ion:104 Resp: 18252

Ion Ratio Lower Upper

104 100

78 88.2 42.3 63.5#

103 72.9 37.5 56.3#



#62

Isopropylbenzene

Concen: 0.426 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. -0.019 min

Lab File: VL040209.D

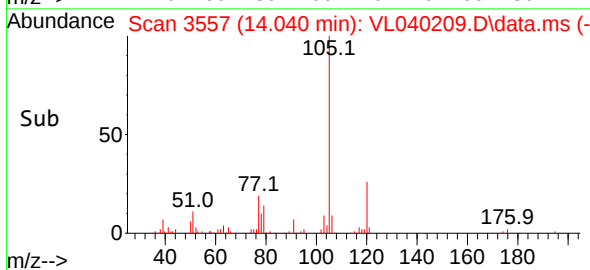
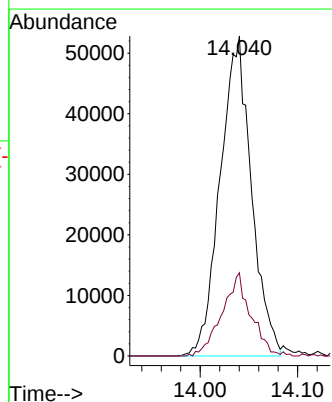
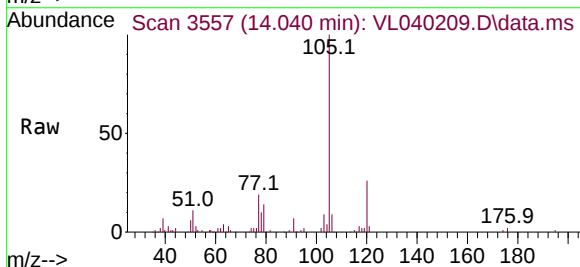
Acq: 22 Feb 2023 00:15

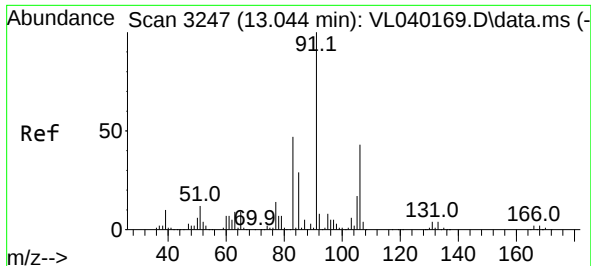
Tgt Ion:105 Resp: 117545

Ion Ratio Lower Upper

105 100

120 24.0 20.3 30.5

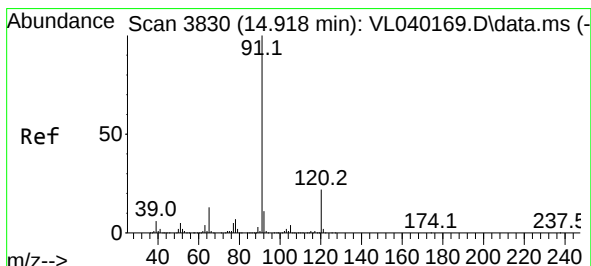
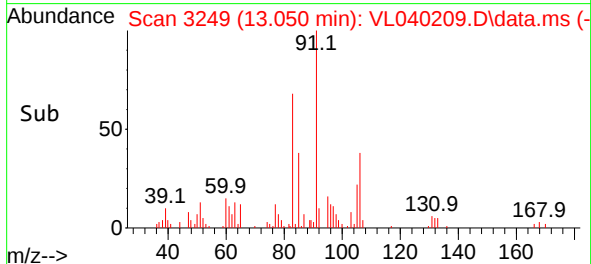
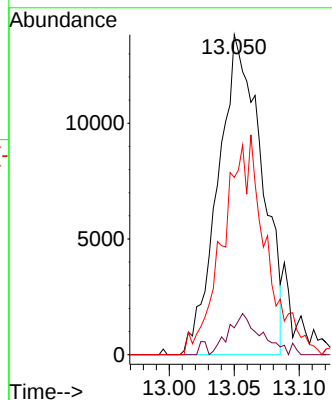
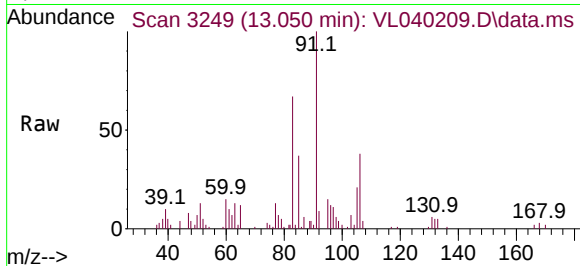




#63
1,1,2,2-Tetrachloroethane
Concen: 0.464 ppbv
RT: 13.050 min Scan# 3247
Delta R.T. -0.026 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

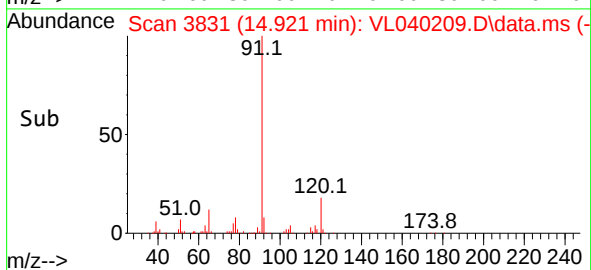
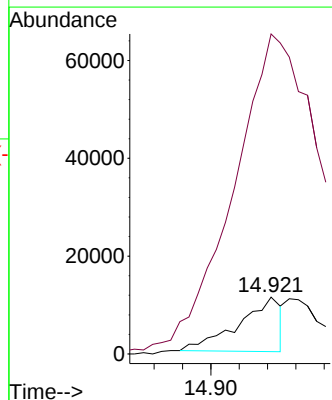
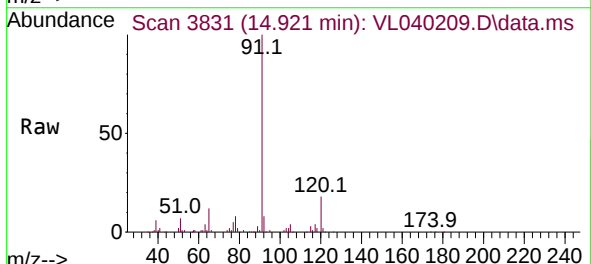
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

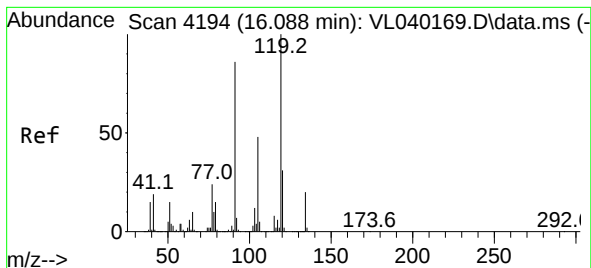
Tgt Ion: 83 Resp: 32148
Ion Ratio Lower Upper
83 100
131 10.4 4.4 13.2
85 69.7 33.0 99.0



#64
n-propylbenzene
Concen: 0.170 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.029 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 120 Resp: 11616
Ion Ratio Lower Upper
120 100
91 1287.3 389.8 584.8#





#65

tert-Butylbenzene

Concen: 0.361 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. -0.019 min

Lab File: VL040209.D

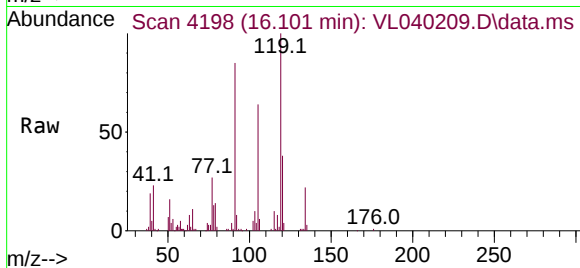
Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



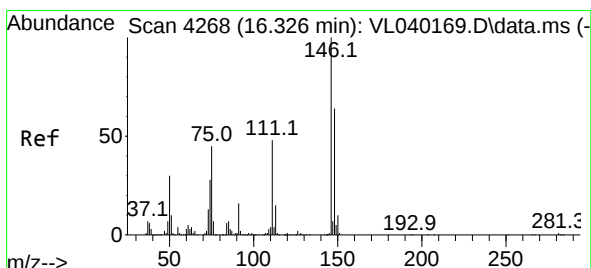
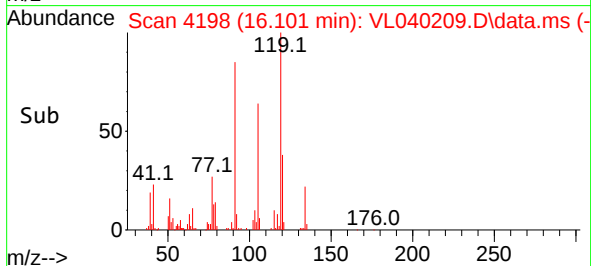
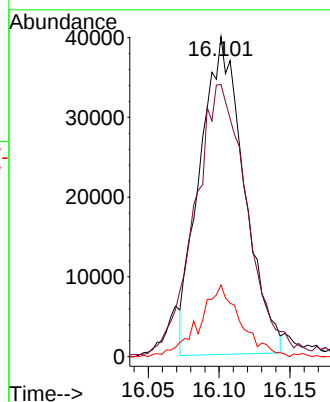
Tgt Ion:119 Resp: 86553

Ion Ratio Lower Upper

119 100

91 104.9 68.6 102.8#

134 21.4 15.9 23.9



#66

Benzyl Chloride

Concen: 0.076 ppbv

RT: 16.355 min Scan# 4277

Delta R.T. -0.003 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

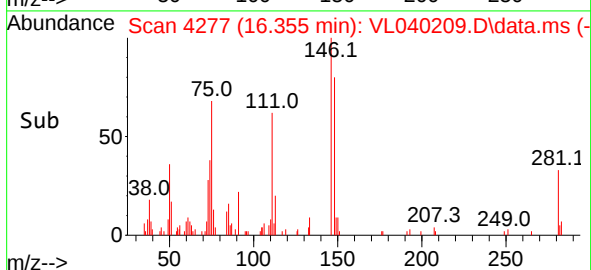
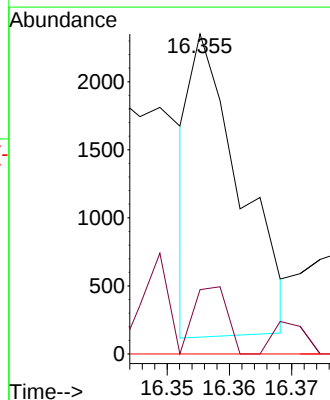
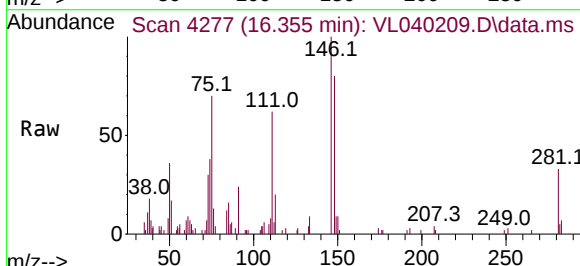
Tgt Ion: 91 Resp: 1217

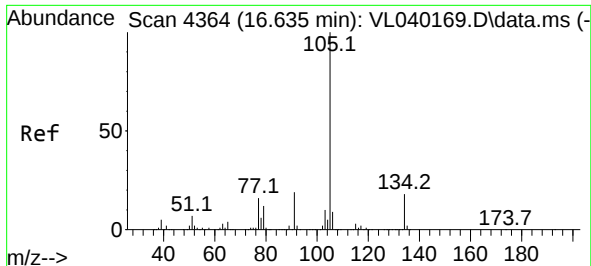
Ion Ratio Lower Upper

91 100

126 65.8 13.1 19.7#

128 0.0 4.1 6.1#





#67

sec-Butylbenzene

Concen: 0.409 ppbv

RT: 16.645 min Scan# 41

Delta R.T. -0.023 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_1

ClientSampleId :

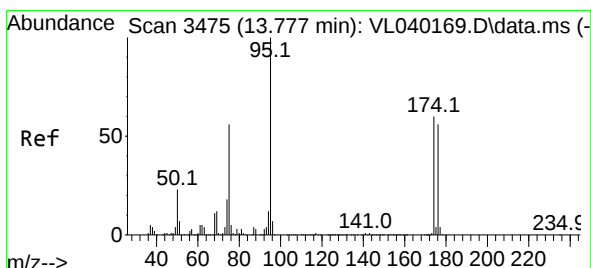
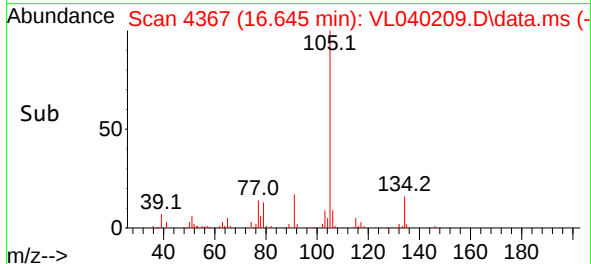
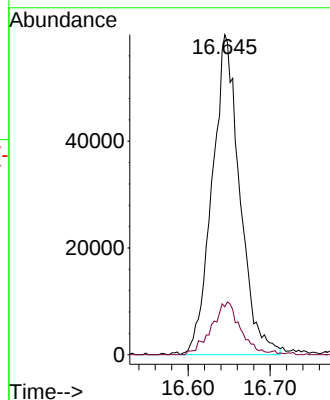
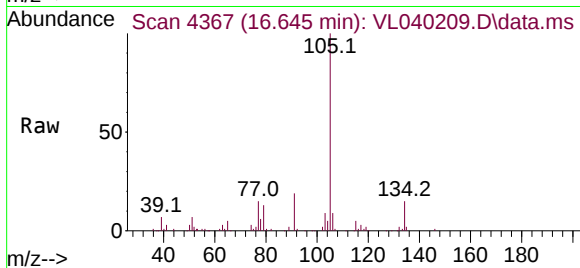
LOD-MDL-AIR-01-QT1-2023

Tgt Ion:105 Resp: 140585

Ion Ratio Lower Upper

105 100

134 17.6 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.498 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. -0.026 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

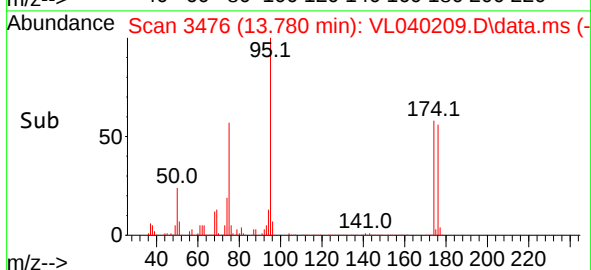
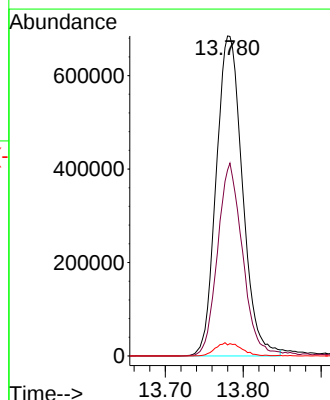
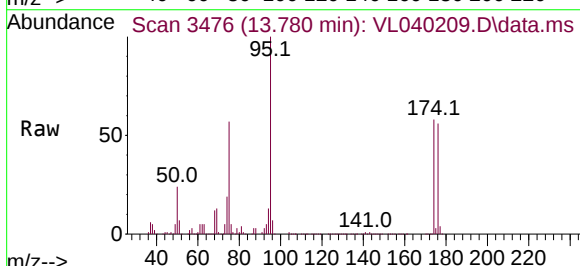
Tgt Ion: 95 Resp: 1602932

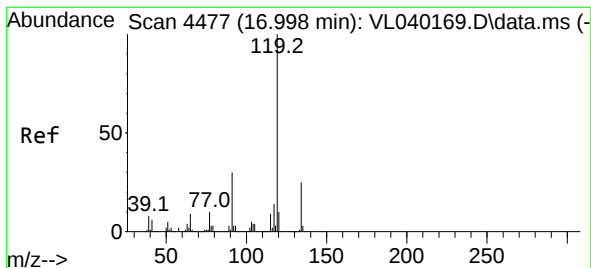
Ion Ratio Lower Upper

95 100

174 58.6 48.2 72.2

175 4.2 3.4 5.2

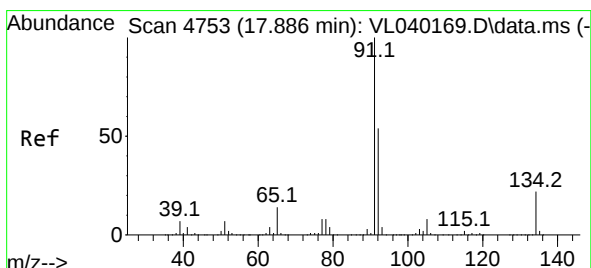
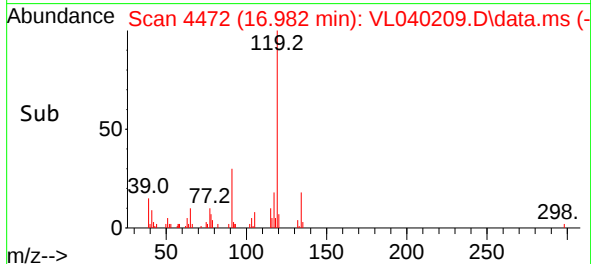
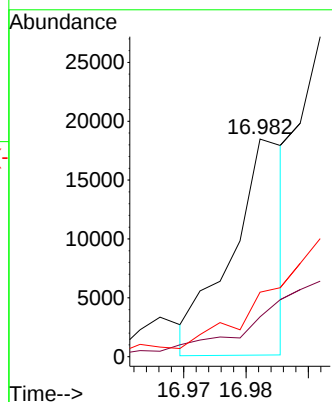
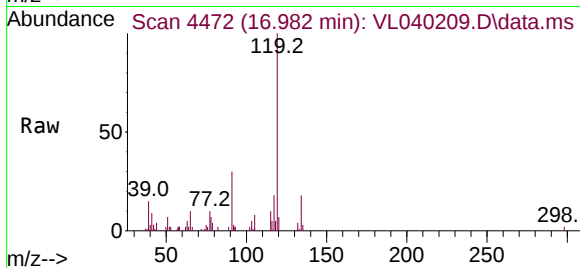




#69
p-Isopropyltoluene
Concen: 0.041 ppbv
RT: 16.982 min Scan# 4477
Delta R.T. -0.042 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

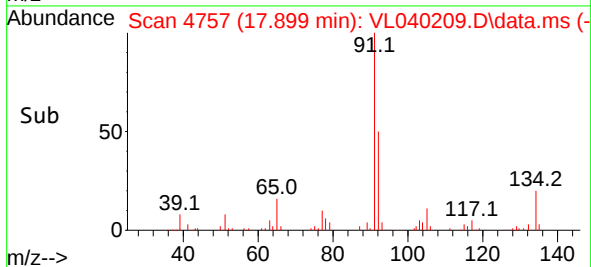
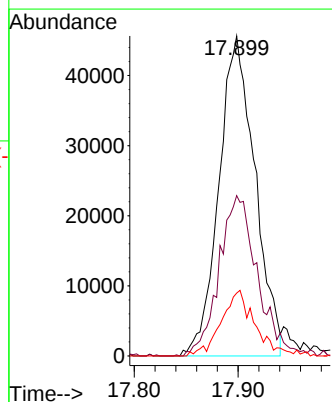
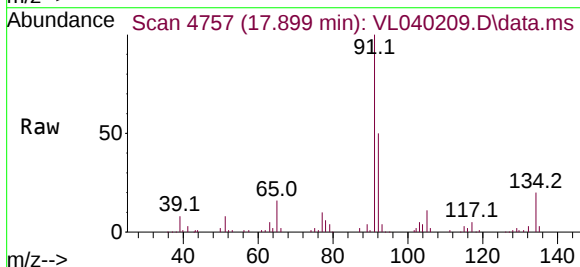
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

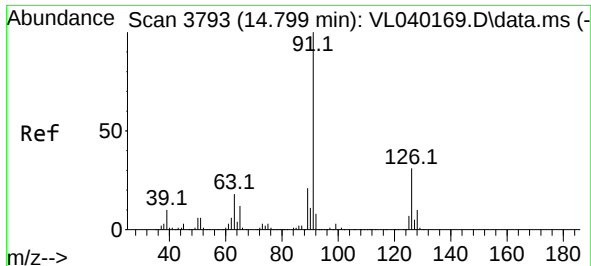
Tgt Ion:119 Resp: 11129
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.2#
91 0.0 24.7 37.1#



#70
n-Butylbenzene
Concen: 0.371 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.019 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 91 Resp: 109976
Ion Ratio Lower Upper
91 100
92 53.8 43.0 64.6
134 19.4 16.9 25.3

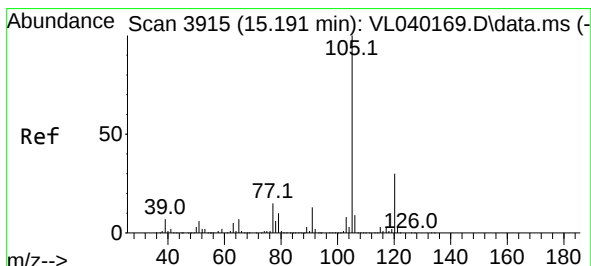
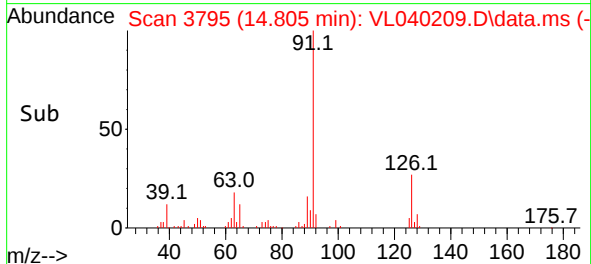
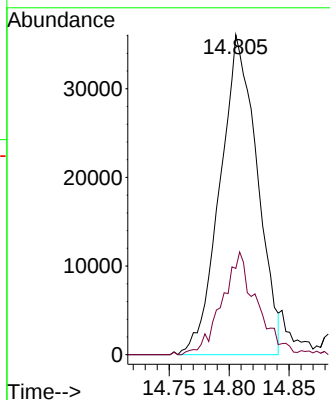
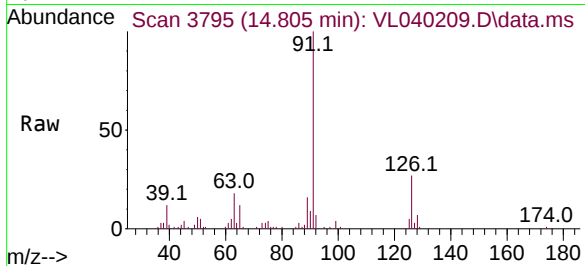




#71
2-Chlorotoluene
Concen: 0.368 ppbv
RT: 14.805 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

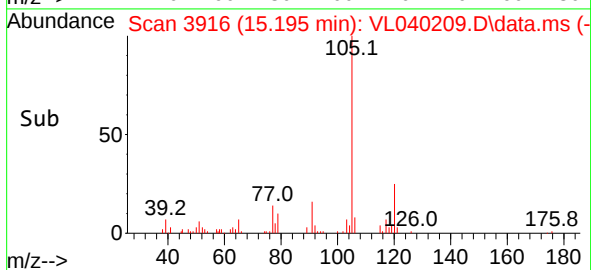
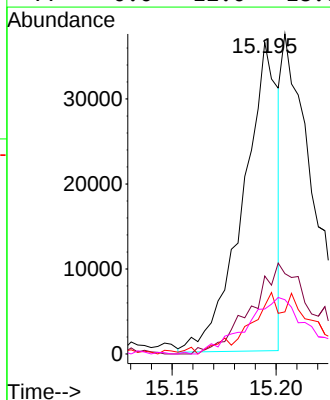
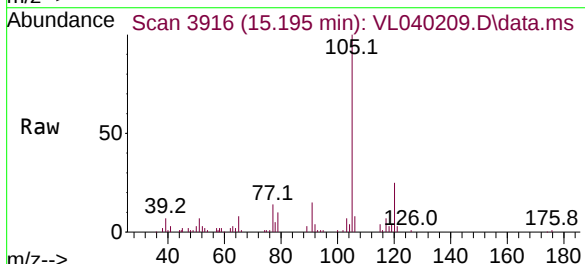
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

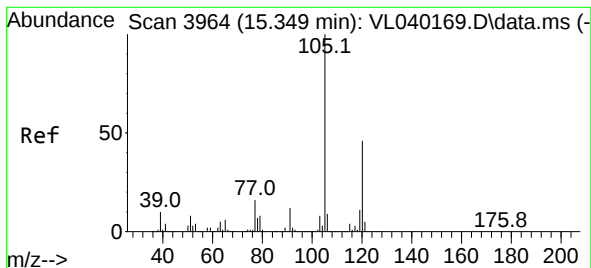
Tgt Ion: 91 Resp: 77655
Ion Ratio Lower Upper
91 100
126 30.8 12.0 48.2



#72
4-Ethyltoluene
Concen: 0.199 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.026 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 105 Resp: 42326
Ion Ratio Lower Upper
105 100
120 0.0 23.2 34.8#
91 36.2 11.3 16.9#
77 0.0 12.0 18.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.380 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. -0.026 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_1

ClientSampleId :

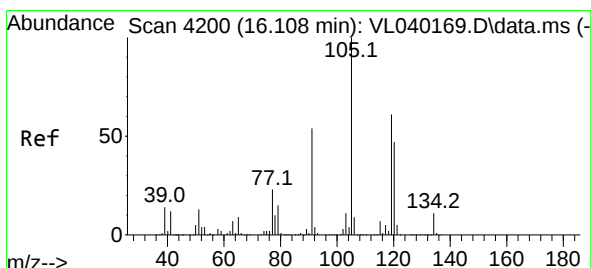
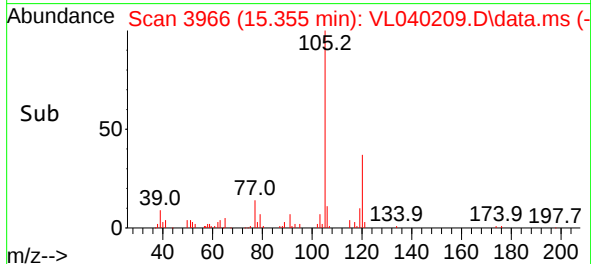
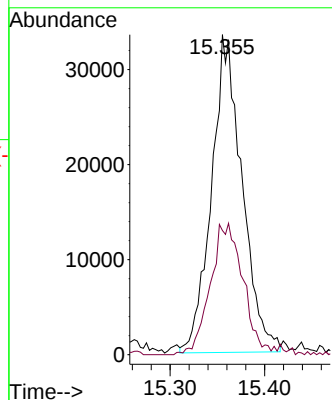
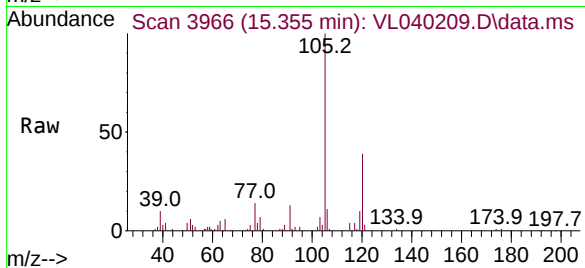
LOD-MDL-AIR-01-QT1-2023

Tgt Ion:105 Resp: 75154

Ion Ratio Lower Upper

105 100

120 38.9 36.8 55.2



#74

1,2,4-Trimethylbenzene

Concen: 0.425 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. -0.023 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Tgt Ion:105 Resp: 92367

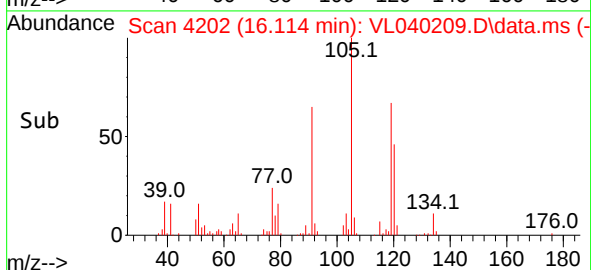
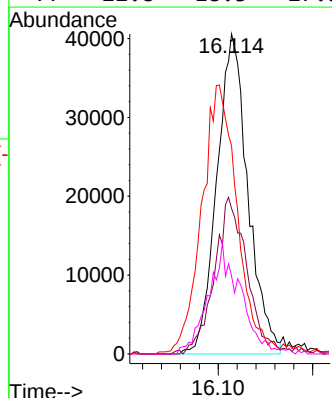
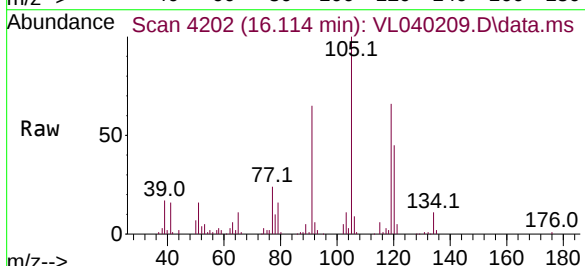
Ion Ratio Lower Upper

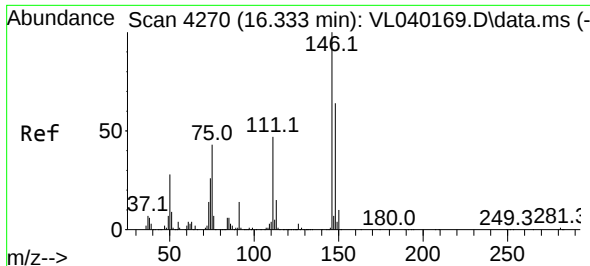
105 100

120 44.3 37.9 56.9

91 63.2 43.7 65.5

77 22.8 18.3 27.5

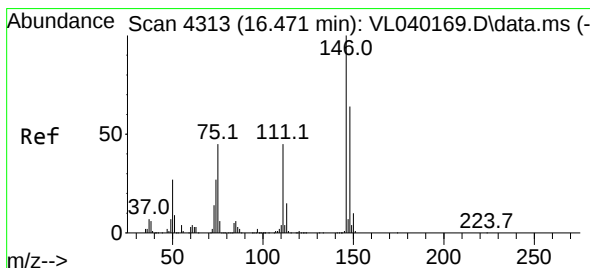
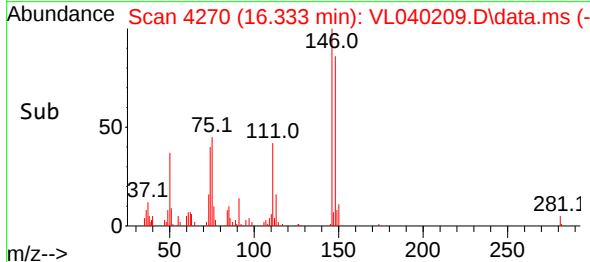
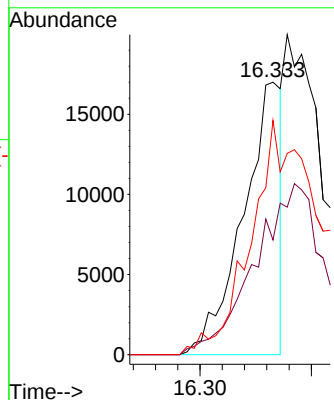
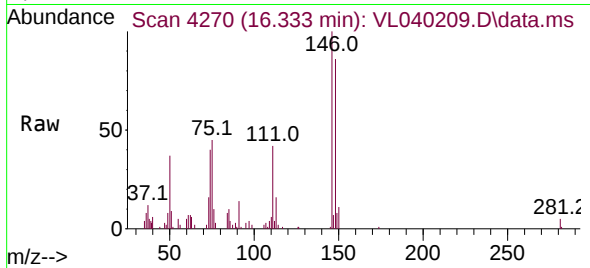




#75
1,3-Dichlorobenzene
Concen: 0.171 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.029 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

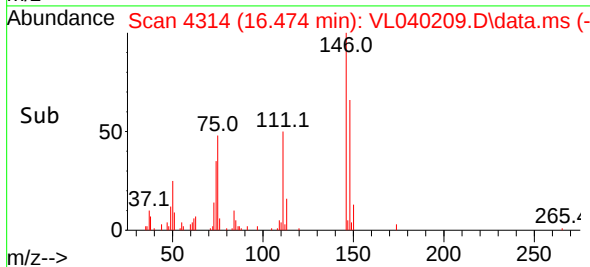
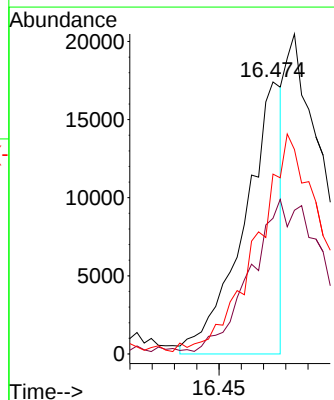
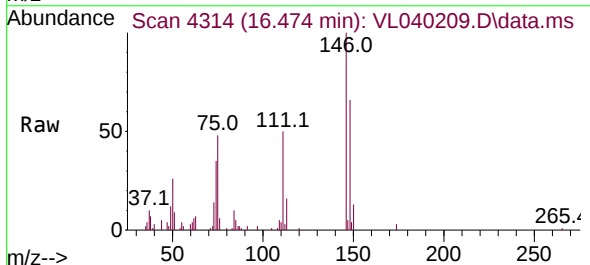
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

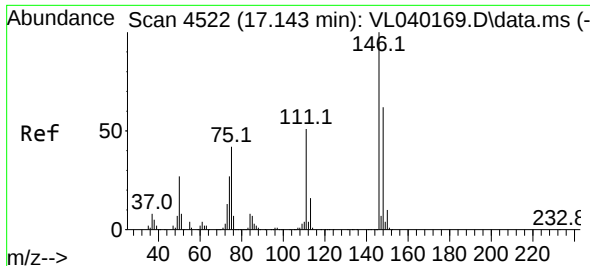
Tgt Ion:146 Resp: 20350
Ion Ratio Lower Upper
146 100
111 0.0 23.9 71.8#
148 168.1 32.1 96.5#



#76
1,4-Dichlorobenzene
Concen: 0.176 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. -0.029 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion:146 Resp: 20551
Ion Ratio Lower Upper
146 100
111 0.0 23.5 70.5#
148 0.0 32.5 97.4#

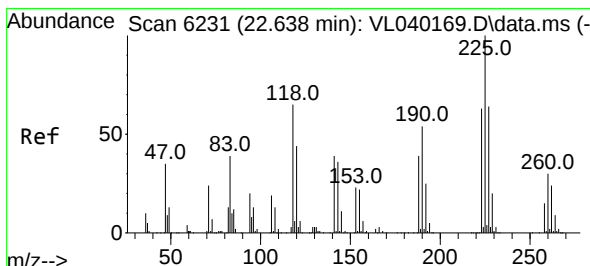
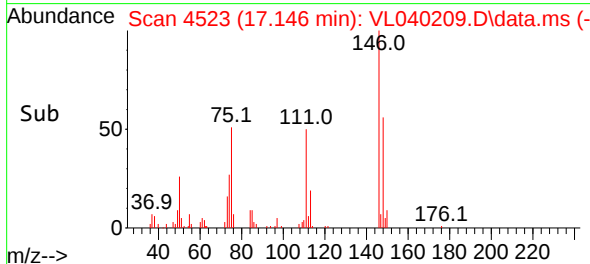
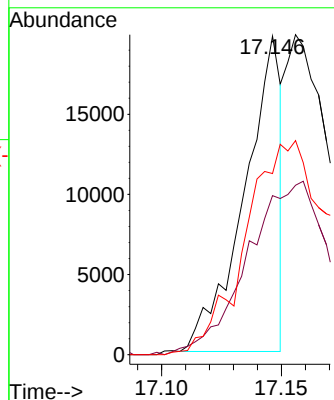
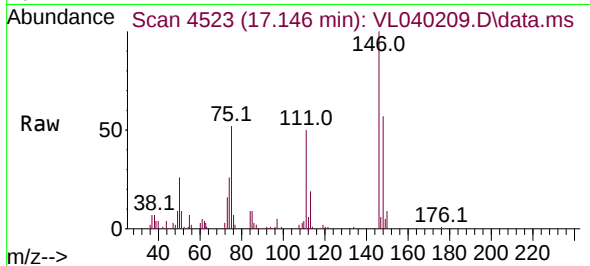




#77
1,2-Dichlorobenzene
Concen: 0.178 ppbv
RT: 17.146 min Scan# 4523
Delta R.T. -0.032 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

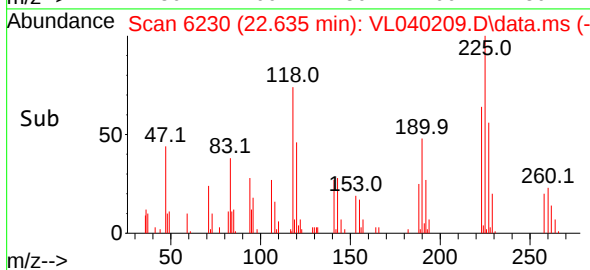
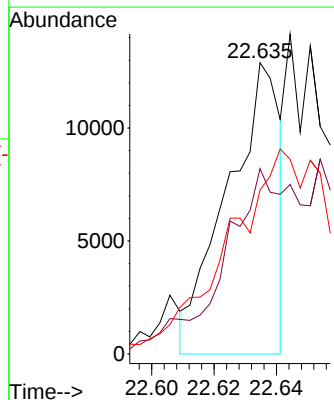
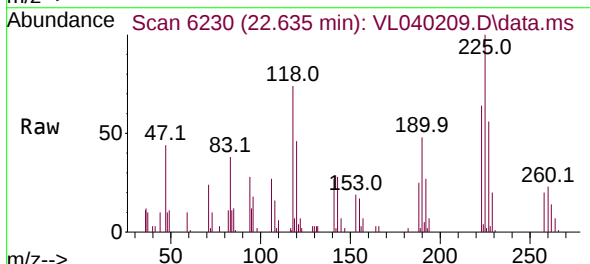
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

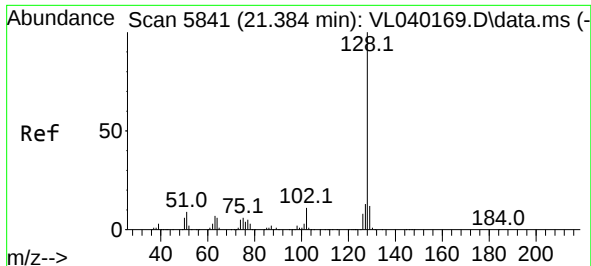
Tgt Ion:146 Resp: 21003
Ion Ratio Lower Upper
146 100
111 0.0 25.3 75.8#
148 0.0 32.0 96.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.185 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. -0.032 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion:225 Resp: 15010
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.2 76.8#

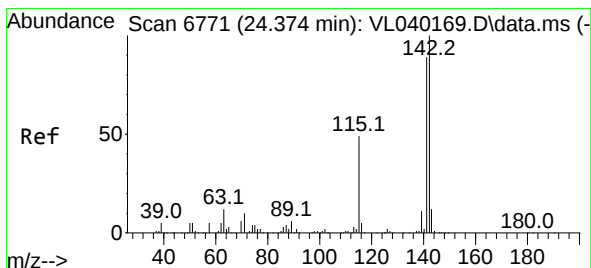
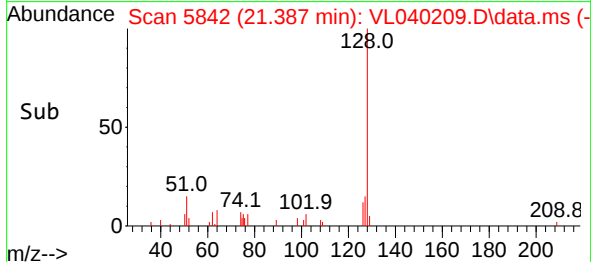
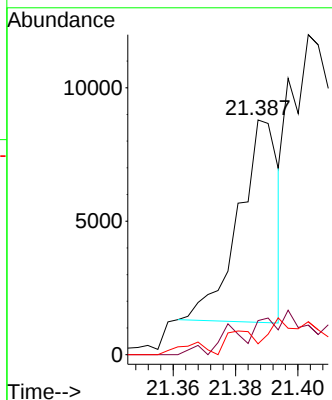
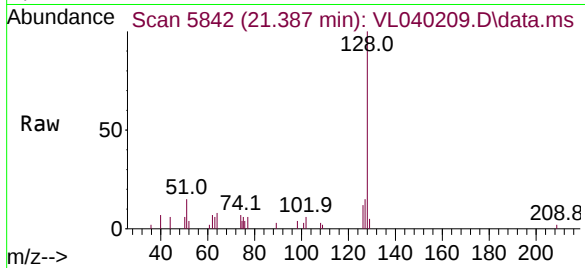




#79
Naphthalene
Concen: 0.055 ppbv
RT: 21.387 min Scan# 5842
Delta R.T. -0.032 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

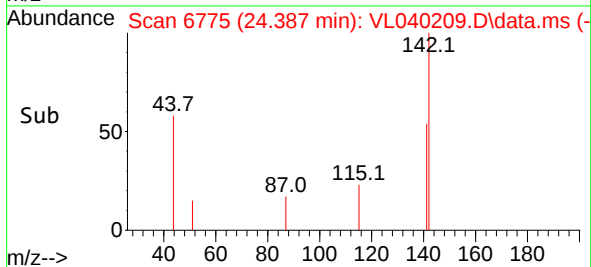
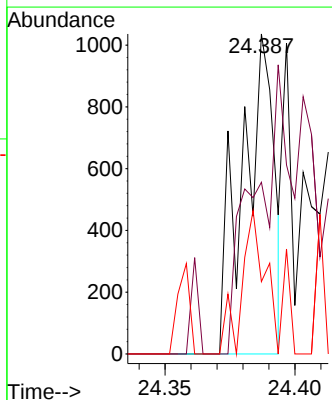
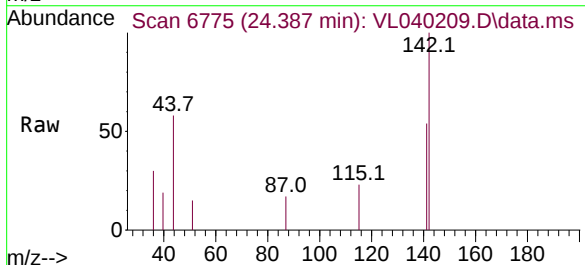
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

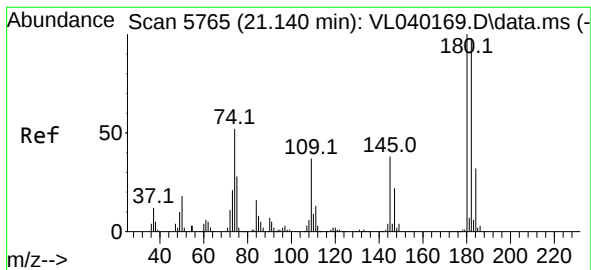
Tgt Ion:128 Resp: 6658
Ion Ratio Lower Upper
128 100
127 17.1 10.2 15.4#
129 1.6 9.4 14.0#



#80
Naphthalene,2-methyl-
Concen: 0.025 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. -0.013 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion:142 Resp: 872
Ion Ratio Lower Upper
142 100
141 0.0 67.3 100.9#
115 51.5 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 0.142 ppbv

RT: 21.149 min Scan# 51

Delta R.T. -0.026 min

Lab File: VL040209.D

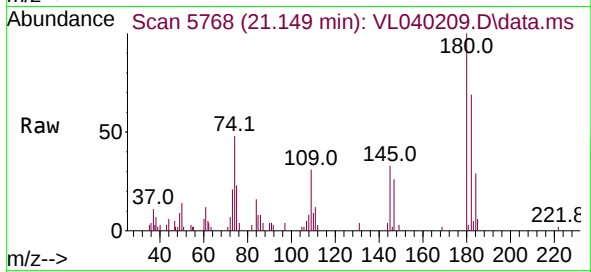
Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



Tgt Ion:180 Resp: 10859

Ion Ratio Lower Upper

180 100

182 217.4 79.0 118.6#

184 0.0 24.6 36.8#

