

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040540.D
 Acq On : 15 Jul 2023 00:06
 Operator : SY/MD
 Sample : 03572-13 0.4 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

Quant Time: Jul 16 23:36:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	876273	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.648	114	2287594	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	2004731	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1642164	10.350	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	88366	0.504	ppbv	98
3) Chlorodifluoromethane	2.674	51	63605	0.458	ppbv	97
4) Chloromethane	2.809	50	24793	0.451	ppbv #	86
5) Vinyl Chloride	2.918	62	24515	0.424	ppbv #	85
6) Bromomethane	3.121	94	9485	0.389	ppbv #	79
7) Chloroethane	3.192	64	9459	0.467	ppbv #	74
8) Dichlorotetrafluoroethane	2.857	85	65815	0.456	ppbv	99
9) Propene	2.693	41	19615	0.413	ppbv	100
10) Heptane	7.577	43	29228	0.278	ppbv	92
11) Trichlorofluoromethane	3.558	101	65920	0.466	ppbv	91
12) 1,1,2-Trichlorotrifluo...	4.063	101	44030	0.442	ppbv	97
13) Ethanol	3.253	45	3359	0.325	ppbv #	40
14) Bromoethene	3.365	108	16111	0.376	ppbv #	81
15) Acetone	3.481	43	51422	0.510	ppbv #	88
16) 1,3-Butadiene	2.983	39	21541	0.423	ppbv	97
17) tert-Butyl alcohol	3.890	59	44894	0.430	ppbv	95
18) 1,1-Dichloroethene	3.880	96	18868	0.412	ppbv	81
19) Isopropyl Alcohol	3.594	45	30018	0.518	ppbv #	87
20) Methylene Chloride	3.931	84	19539	0.455	ppbv	87
21) Allyl Chloride	3.992	41	22108	0.384	ppbv	89
22) trans-1,2-Dichloroethene	4.446	96	19835	0.439	ppbv #	81
23) Vinyl Acetate	4.635	43	37805	0.393	ppbv #	96
24) 1,1-Dichloroethane	4.558	63	41378	0.424	ppbv	98
25) Ethyl Acetate	5.211	43	73272	0.382	ppbv	96
26) Hexane	5.208	57	32226	0.361	ppbv #	85
27) Carbon Disulfide	4.124	76	33213	0.317	ppbv #	79
28) Methyl tert-Butyl Ether	4.594	73	18496	0.258	ppbv #	70
29) Chloroform	5.269	83	64493	0.436	ppbv	94
30) Cyclohexane	6.597	84	13036	0.176	ppbv #	53
31) cis-1,2-Dichloroethene	5.070	61	31170	0.353	ppbv #	91
32) 1,1,1-Trichloroethane	5.996	97	29163	0.201	ppbv #	14
34) 2-Butanone	4.793	43	18163	0.161	ppbv #	51
35) Carbon Tetrachloride	6.491	117	56423	0.410	ppbv	97
36) Benzene	6.365	78	65038	0.353	ppbv	95
37) 1,2-Dichloroethane	5.803	62	25871	0.239	ppbv #	81
38) Trichloroethene	7.285	130	12724	0.183	ppbv	90
39) 1,2-Dichloropropane	7.073	63	25635	0.362	ppbv	88
40) 1,4-Dioxane	7.320	88	6431	0.290	ppbv #	1
42) Bromodichloromethane	7.246	83	54852	0.364	ppbv	99
43) Methyl Methacrylate	7.481	69	19181	0.278	ppbv	89
44) 2,2,4-Trimethylpentane	7.323	57	92978	0.314	ppbv #	86
45) t-1,3-Dichloropropene	8.706	75	4770	0.108	ppbv	89
46) cis-1,3-Dichloropropene	8.137	75	8438	0.149	ppbv	96

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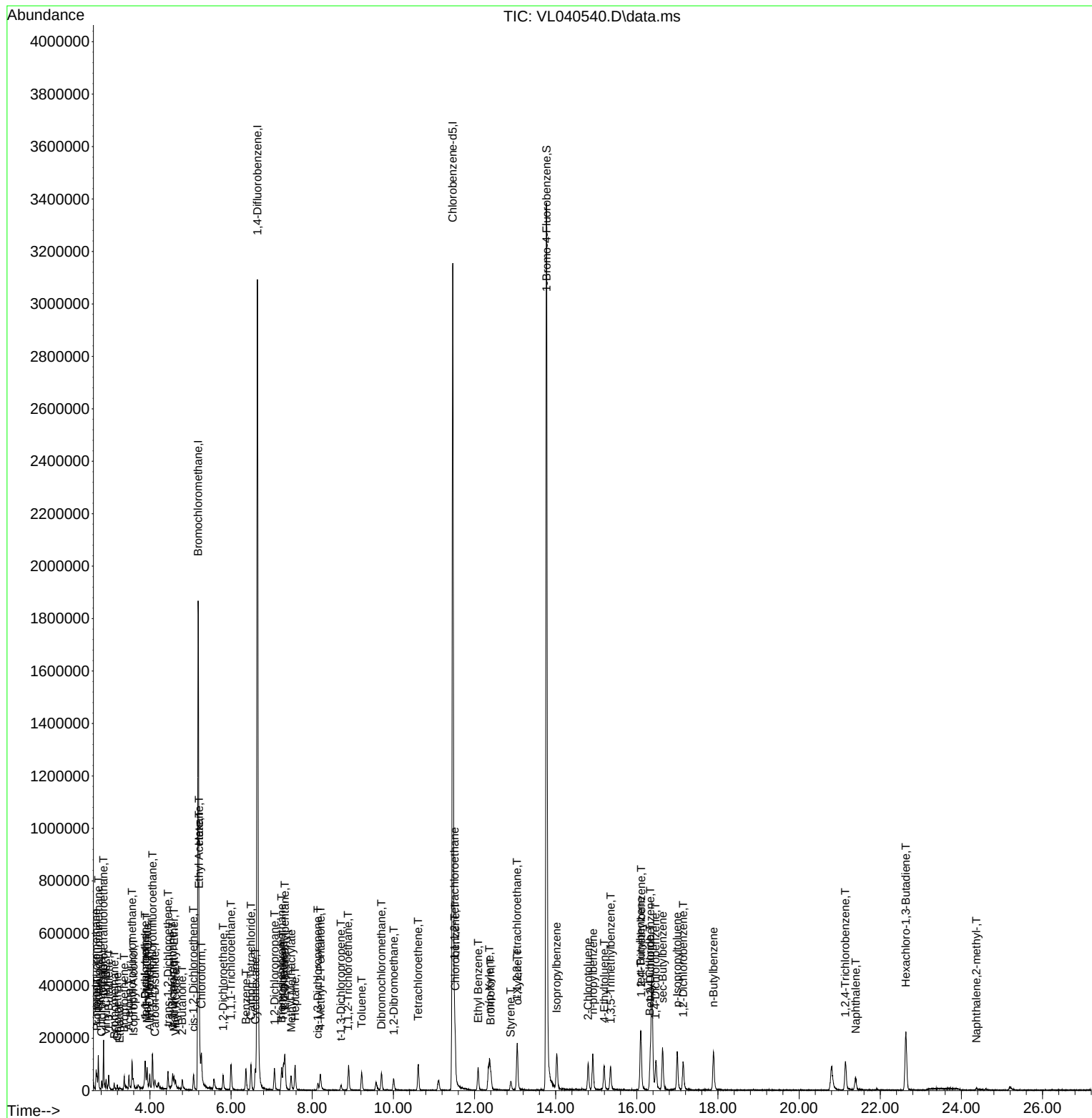
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
47) 1,1,2-Trichloroethane	8.883	97	8068	0.103	ppbv	#	85
48) Dibromochloromethane	9.703	129	24138	0.200	ppbv	#	45
49) Bromoform	12.394	173	7425	0.077	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.204	43	49297	0.300	ppbv		97
52) Tetrachloroethene	10.613	164	12904	0.216	ppbv		90
53) Toluene	9.217	91	52500	0.263	ppbv		97
54) 1,2-Dibromoethane	10.008	107	30443	0.313	ppbv		83
56) 1,1,1,2-Tetrachloroethane	11.507	131	36923	0.411	ppbv	#	1
57) Chlorobenzene	11.526	112	63064	0.403	ppbv		97
58) Ethyl Benzene	12.089	91	35422	0.141	ppbv		96
59) m/p-Xylene	12.368	91	64745	0.288	ppbv	#	32
60) o-Xylene	13.060	91	63652	0.298	ppbv		95
61) Styrene	12.889	104	6873	0.070	ppbv	#	29
62) Isopropylbenzene	14.021	105	45442	0.142	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	13.050	83	62874	0.420	ppbv		94
64) n-propylbenzene	14.921	120	15042	0.181	ppbv	#	1
65) tert-Butylbenzene	16.092	119	83245	0.293	ppbv	#	78
66) Benzyl Chloride	16.323	91	1353	0.067	ppbv	#	1
67) sec-Butylbenzene	16.635	105	136409	0.327	ppbv		98
69) p-Isopropyltoluene	16.995	119	101190	0.294	ppbv	#	93
70) n-Butylbenzene	17.889	91	118260	0.308	ppbv		97
71) 2-Chlorotoluene	14.796	91	71400	0.289	ppbv		100
72) 4-Ethyltoluene	15.198	105	67253	0.268	ppbv	#	93
73) 1,3,5-Trimethylbenzene	15.359	105	61028	0.276	ppbv	#	82
74) 1,2,4-Trimethylbenzene	16.108	105	79738	0.309	ppbv	#	85
75) 1,3-Dichlorobenzene	16.333	146	48729	0.312	ppbv		81
76) 1,4-Dichlorobenzene	16.465	146	21273	0.139	ppbv	#	23
77) 1,2-Dichlorobenzene	17.140	146	28406	0.190	ppbv	#	19
78) Hexachloro-1,3-Butadiene	22.632	225	29719	0.212	ppbv	#	19
79) Naphthalene	21.394	128	39062	0.179	ppbv	#	92
80) Naphthalene,2-methyl-	24.368	142	5715	0.064	ppbv	#	58
81) 1,2,4-Trichlorobenzene	21.140	180	22844	0.152	ppbv	#	24

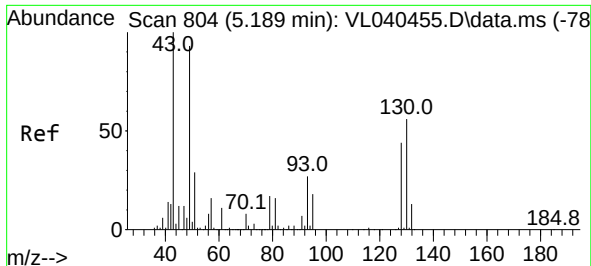
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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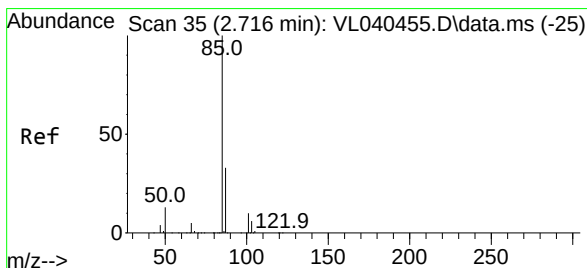
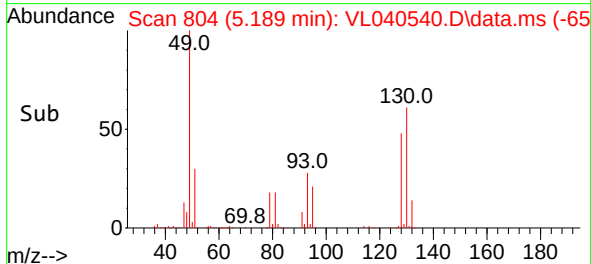
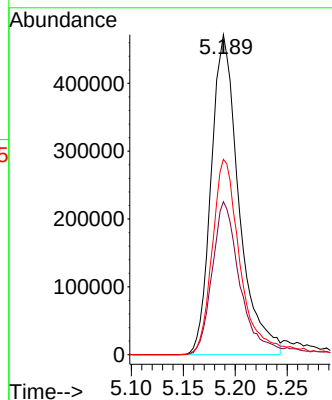
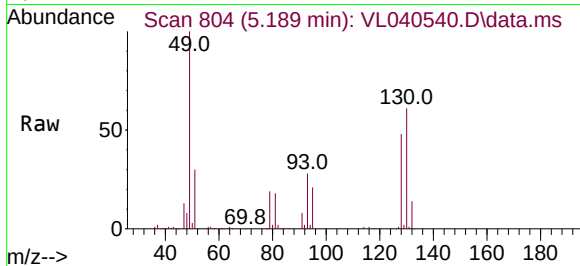




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.189 min Scan# 804
 Delta R.T. -0.013 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

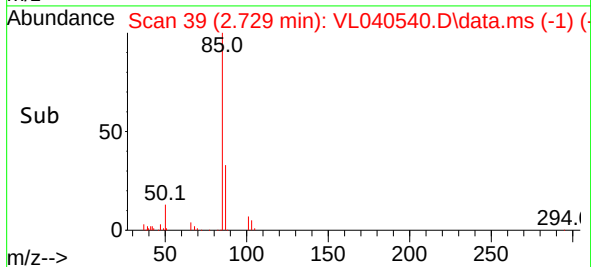
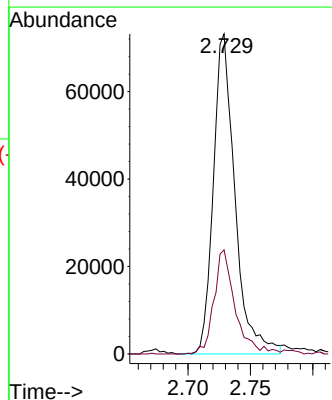
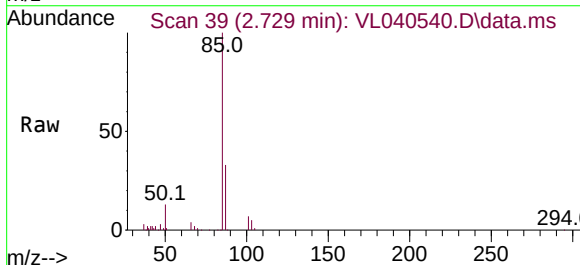
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

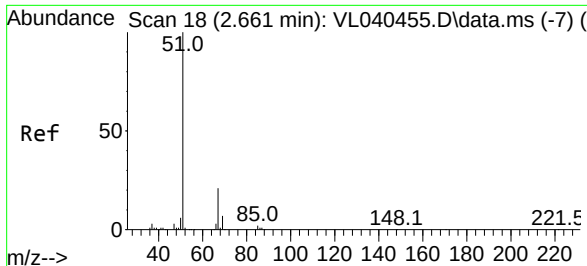
Tgt Ion: 49 Resp: 876273
 Ion Ratio Lower Upper
 49 100
 128 51.0 25.1 75.4
 130 64.7 31.6 94.7



#2
 Dichlorodifluoromethane
 Concen: 0.504 ppbv
 RT: 2.729 min Scan# 39
 Delta R.T. -0.010 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

Tgt Ion: 85 Resp: 88366
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.8 40.2

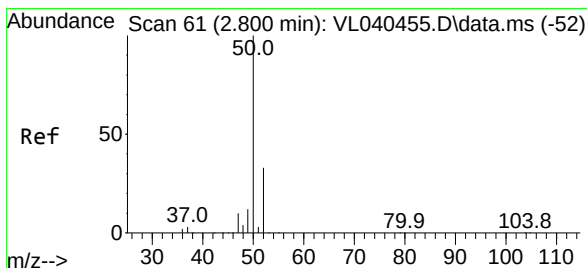
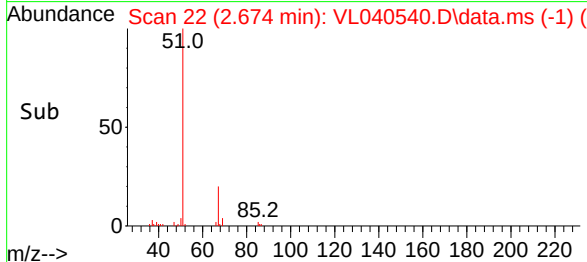
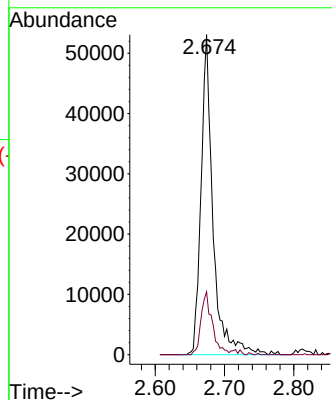
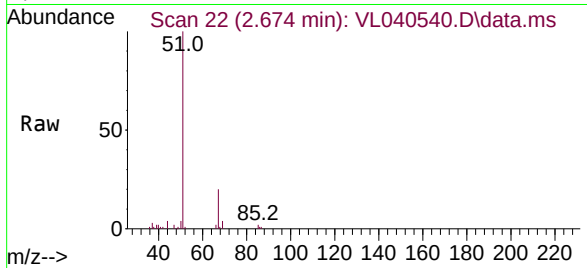




#3
Chlorodifluoromethane
Concen: 0.458 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

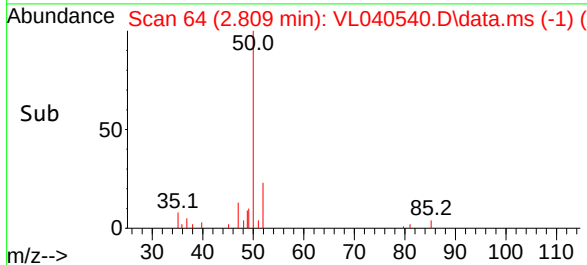
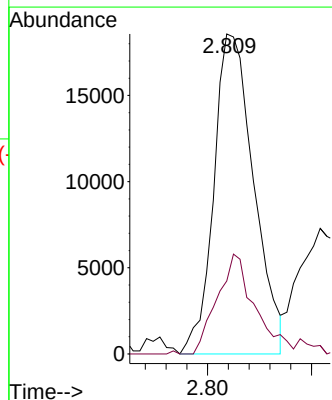
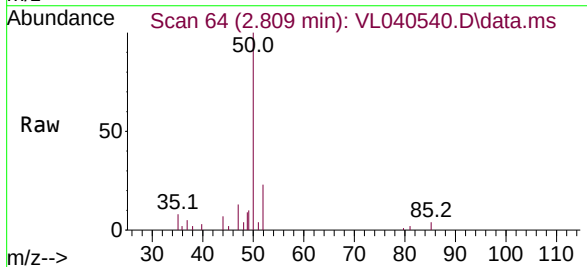
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

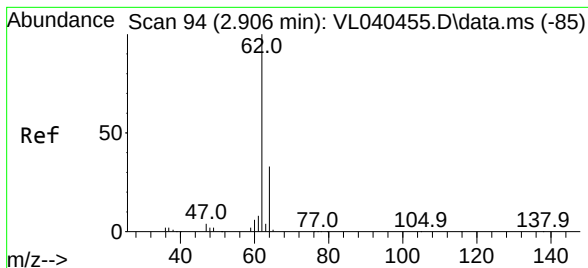
Tgt Ion: 51 Resp: 63605
Ion Ratio Lower Upper
51 100
67 19.7 14.6 21.8



#4
Chloromethane
Concen: 0.451 ppbv
RT: 2.809 min Scan# 64
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 50 Resp: 24793
Ion Ratio Lower Upper
50 100
52 22.8 24.4 36.6#

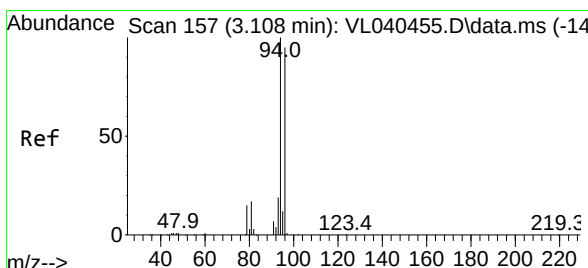
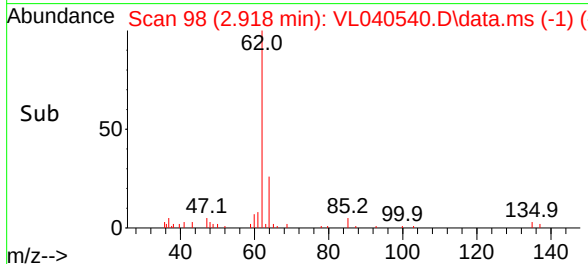
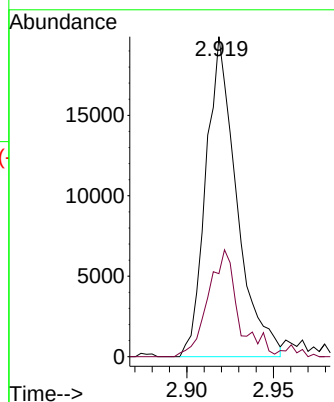
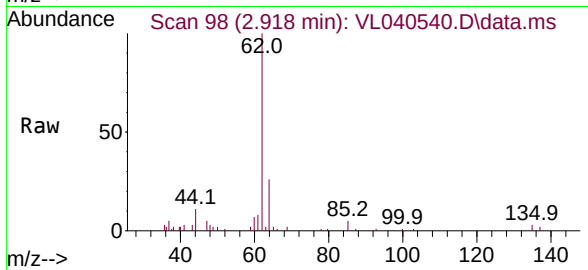




#5
 Vinyl Chloride
 Concen: 0.424 ppbv
 RT: 2.918 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

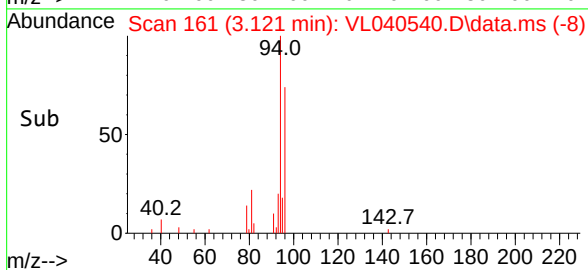
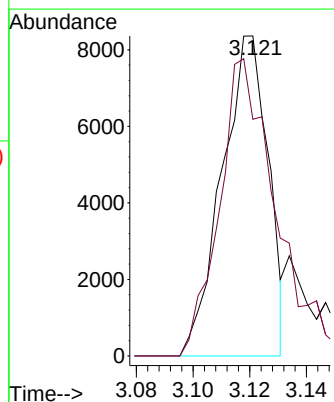
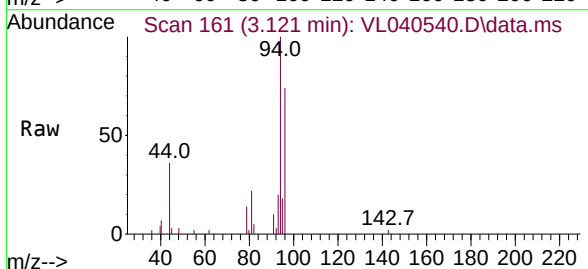
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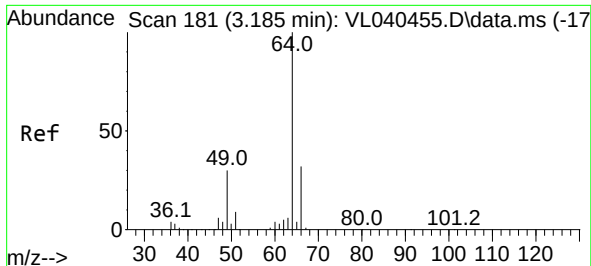
Tgt Ion: 62 Resp: 24515
 Ion Ratio Lower Upper
 62 100
 64 24.8 26.4 39.6#



#6
 Bromomethane
 Concen: 0.389 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. -0.007 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

Tgt Ion: 94 Resp: 9485
 Ion Ratio Lower Upper
 94 100
 96 73.9 75.7 113.5#

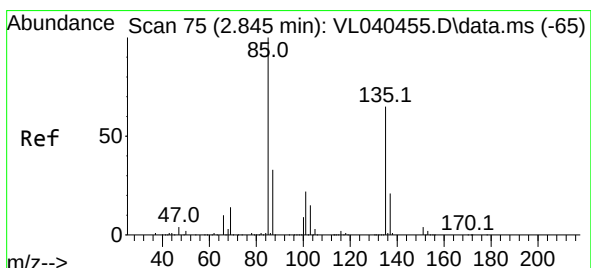
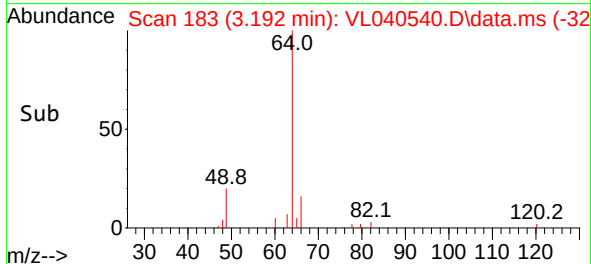
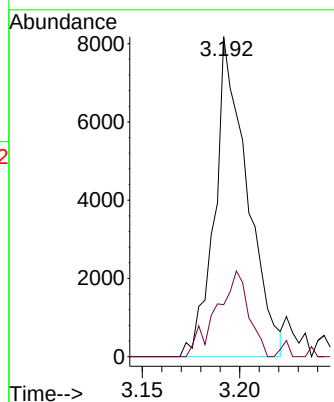
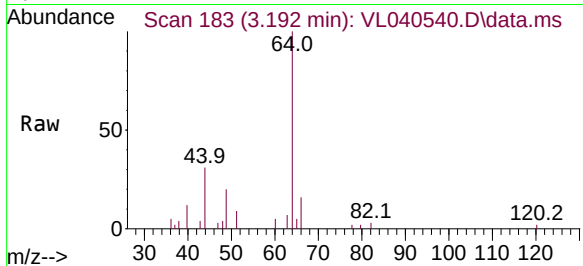




#7
Chloroethane
Concen: 0.467 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

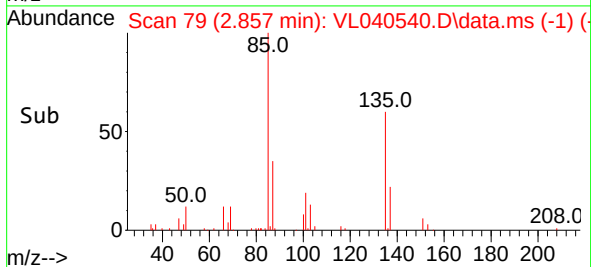
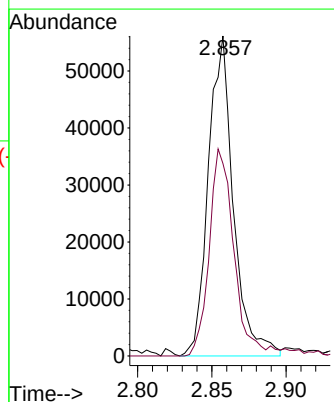
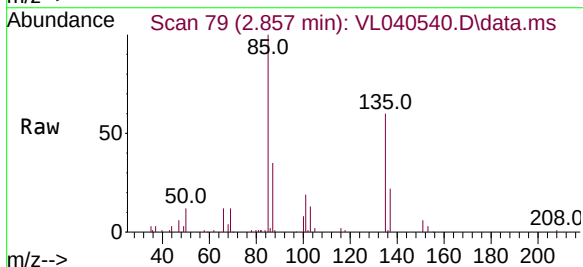
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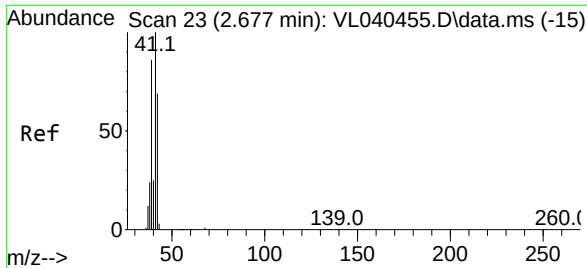
Tgt Ion: 64 Resp: 9459
Ion Ratio Lower Upper
64 100
66 16.3 24.4 36.6#



#8
Dichlorotetrafluoroethane
Concen: 0.456 ppbv
RT: 2.857 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 85 Resp: 65815
Ion Ratio Lower Upper
85 100
135 66.4 52.4 78.6





#9

Propene

Concen: 0.413 ppbv

RT: 2.693 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

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ClientSampleId :

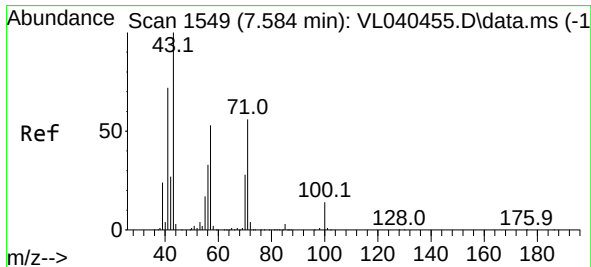
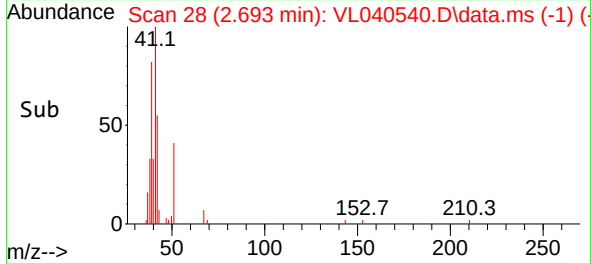
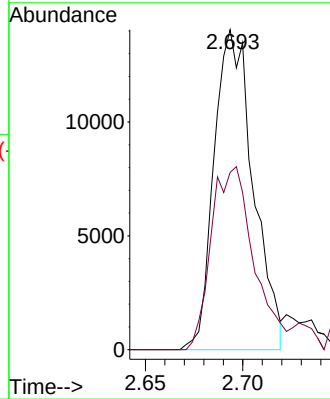
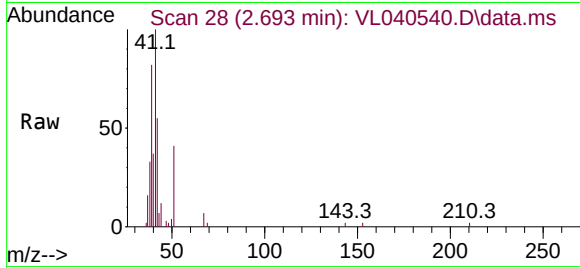
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 41 Resp: 19615

Ion Ratio Lower Upper

41 100

42 68.9 55.0 82.6



#10

Heptane

Concen: 0.278 ppbv

RT: 7.577 min Scan# 1547

Delta R.T. -0.013 min

Lab File: VL040540.D

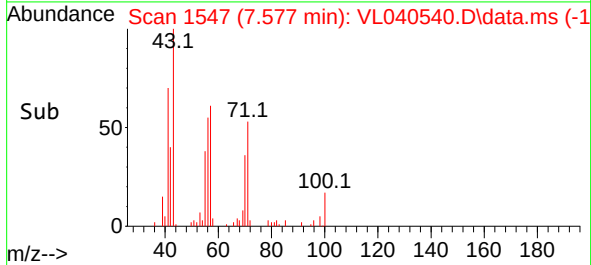
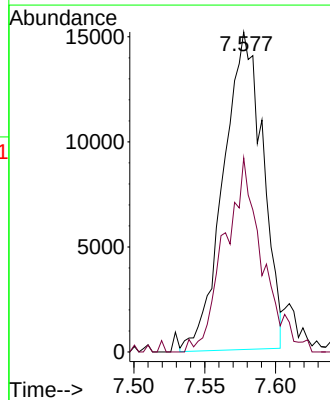
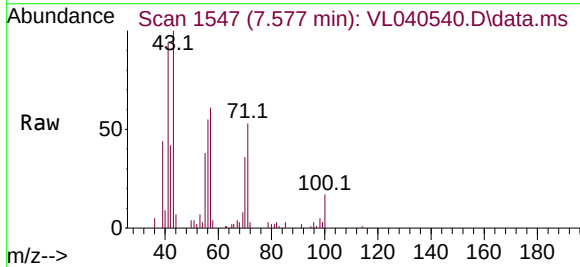
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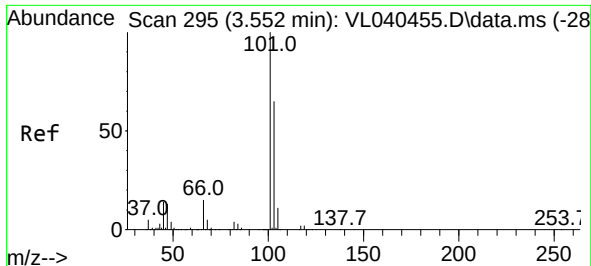
Tgt Ion: 43 Resp: 29228

Ion Ratio Lower Upper

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57 58.6 42.5 63.7

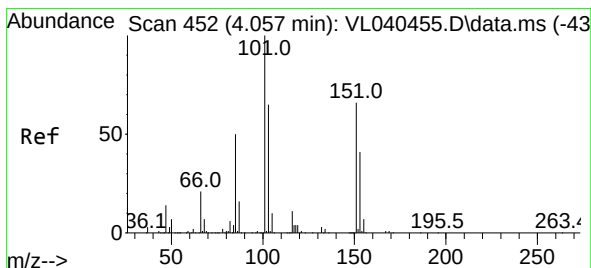
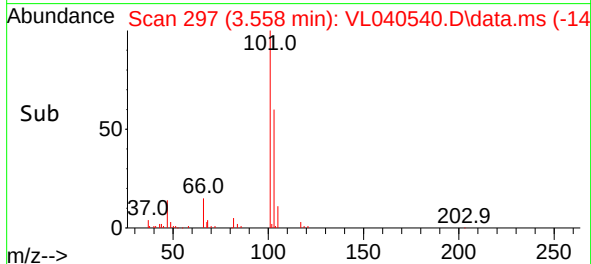
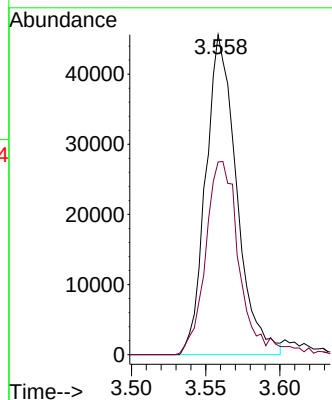
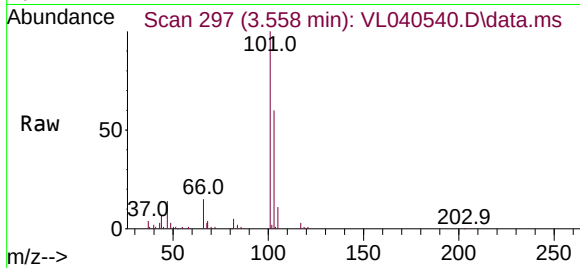




#11
 Trichlorofluoromethane
 Concen: 0.466 ppbv
 RT: 3.558 min Scan# 295
 Delta R.T. -0.013 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

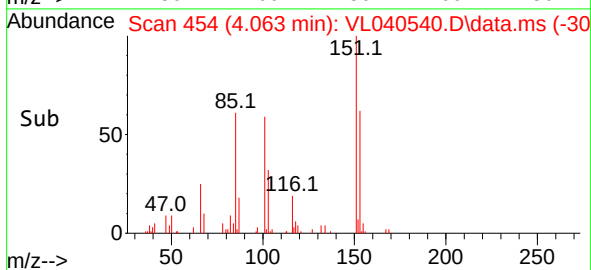
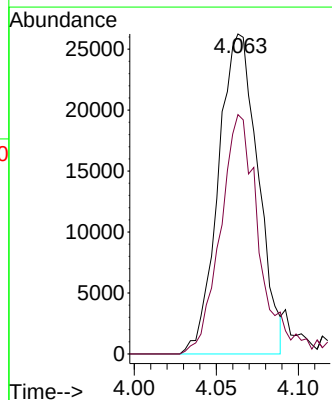
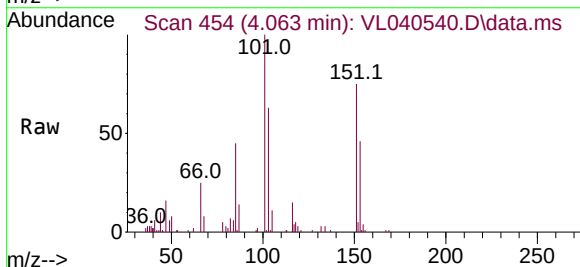
Instrument : MSVOA_L
 ClientSampleId : LOD-MDL-AIR-01-QT3-2023

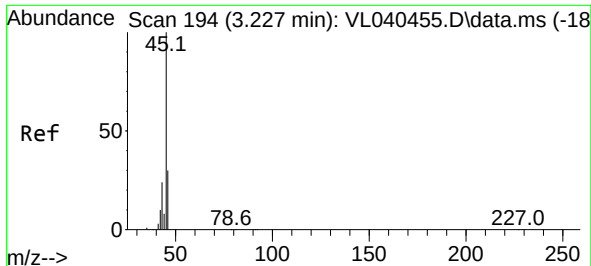
Tgt Ion:101 Resp: 65920
 Ion Ratio Lower Upper
 101 100
 103 59.7 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.442 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.010 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

Tgt Ion:101 Resp: 44030
 Ion Ratio Lower Upper
 101 100
 151 75.0 58.2 87.4

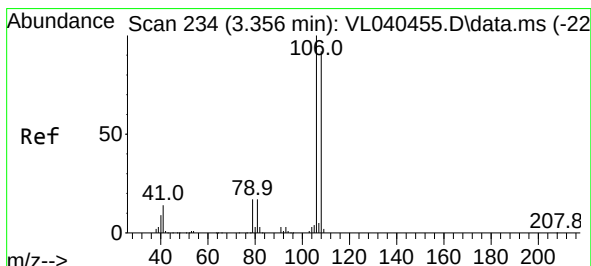
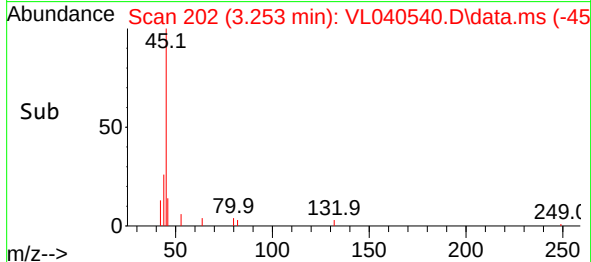
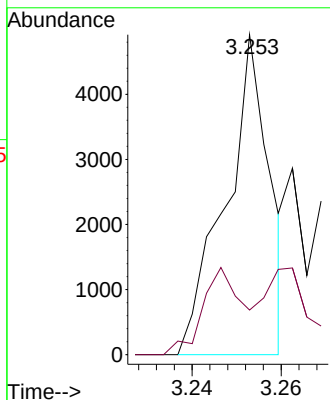
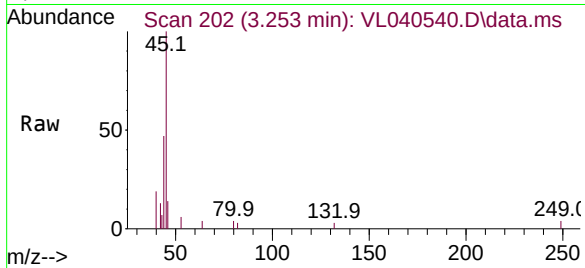




#13
Ethanol
Concen: 0.325 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

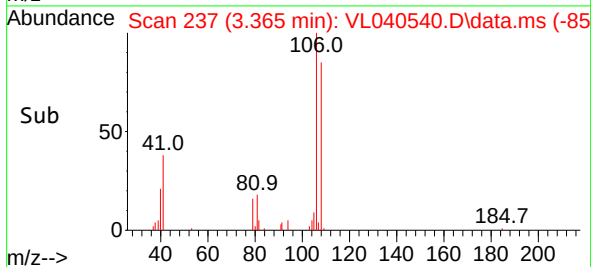
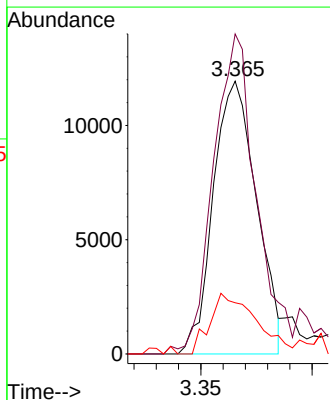
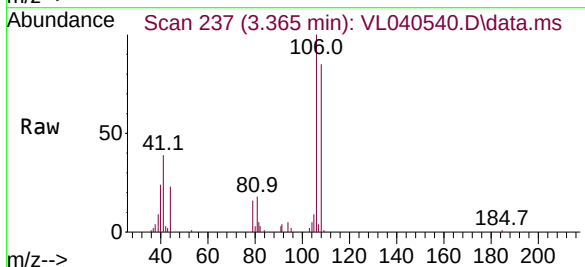
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

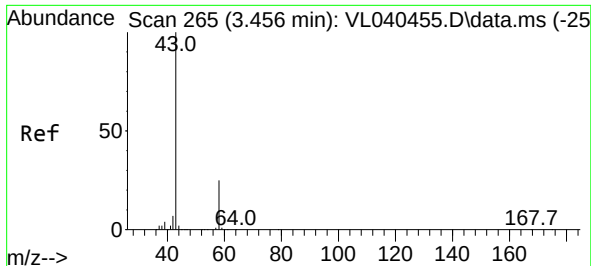
Tgt Ion: 45 Resp: 3359
Ion Ratio Lower Upper
45 100
46 74.7 15.3 61.1#



#14
Bromoethene
Concen: 0.376 ppbv
RT: 3.365 min Scan# 237
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 108 Resp: 16111
Ion Ratio Lower Upper
108 100
106 128.8 87.2 130.8
79 28.9 15.3 22.9#





#15

Acetone

Concen: 0.510 ppbv

RT: 3.481 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

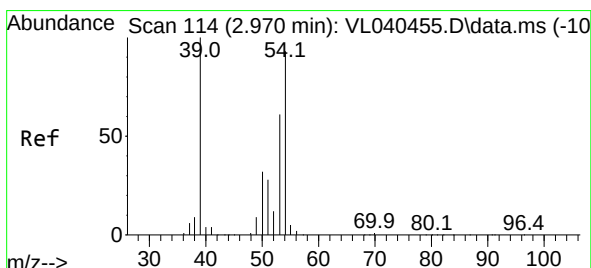
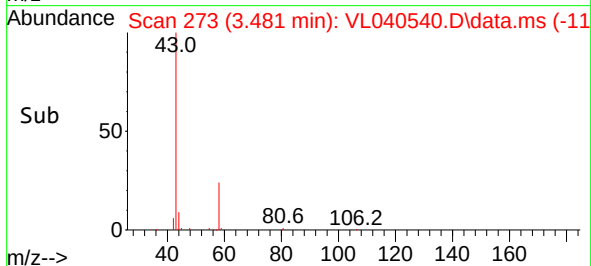
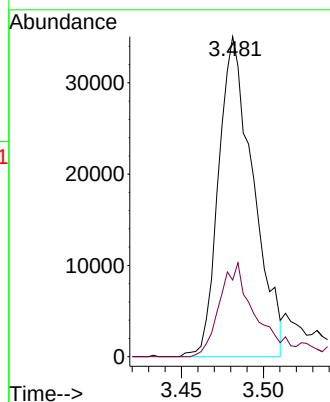
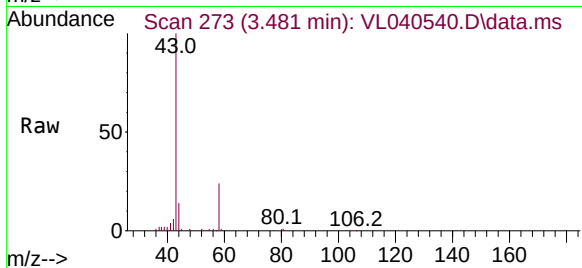
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 43 Resp: 51422

Ion Ratio Lower Upper

43 100

58 34.8 22.9 34.3#



#16

1,3-Butadiene

Concen: 0.423 ppbv

RT: 2.983 min Scan# 118

Delta R.T. -0.010 min

Lab File: VL040540.D

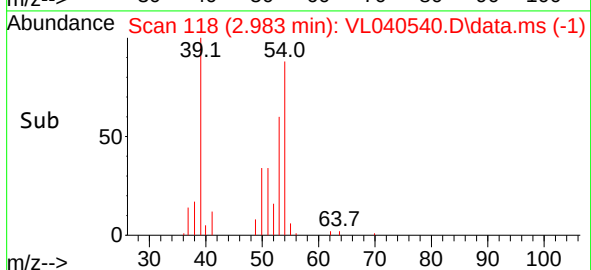
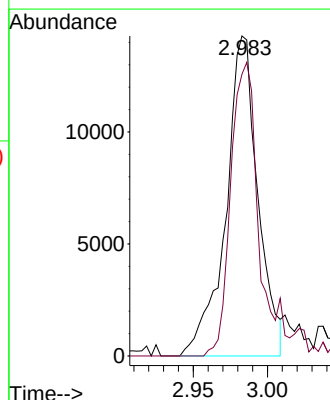
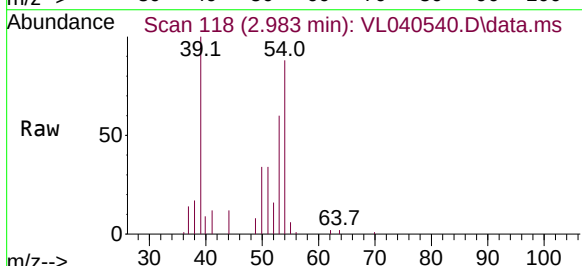
Acq: 15 Jul 2023 00:06

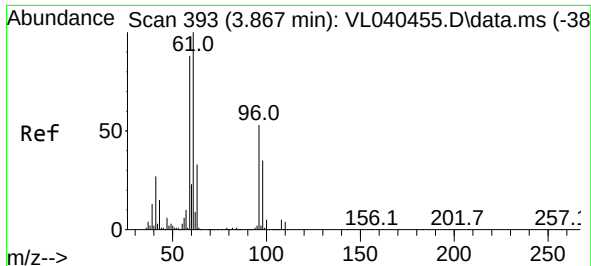
Tgt Ion: 39 Resp: 21541

Ion Ratio Lower Upper

39 100

54 85.6 66.6 100.0





#17

tert-Butyl alcohol

Concen: 0.430 ppbv

RT: 3.890 min Scan# 40

Delta R.T. 0.006 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_1

ClientSampleId :

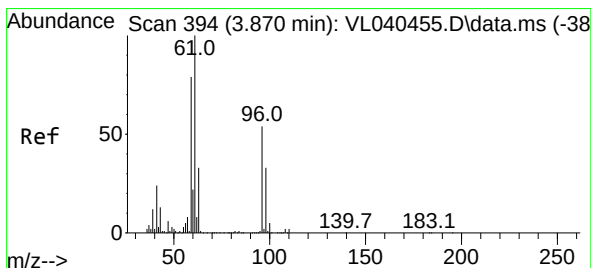
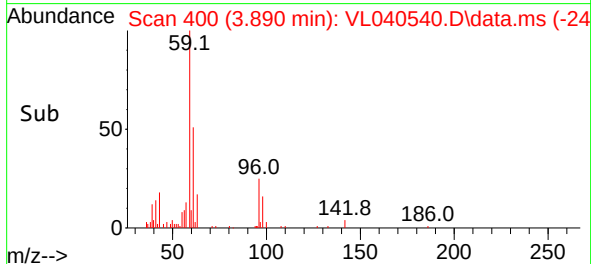
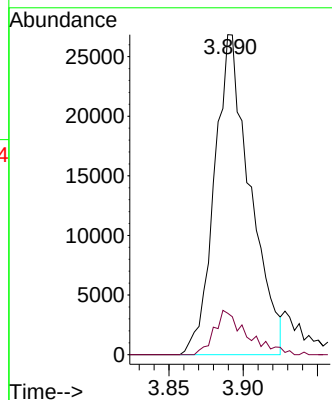
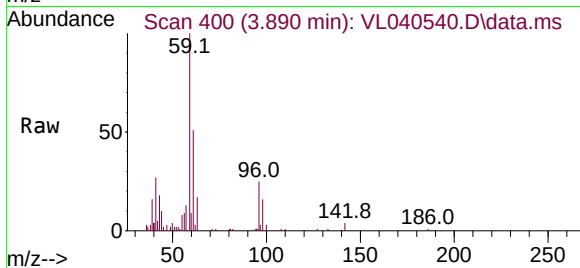
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 59 Resp: 44894

Ion Ratio Lower Upper

59 100

57 12.7 8.7 13.1



#18

1,1-Dichloroethene

Concen: 0.412 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

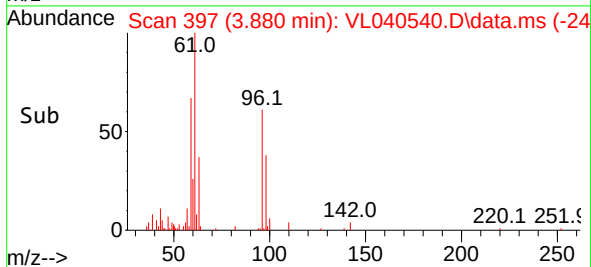
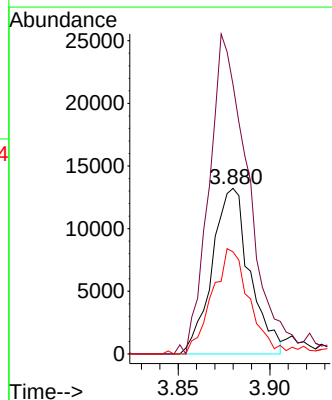
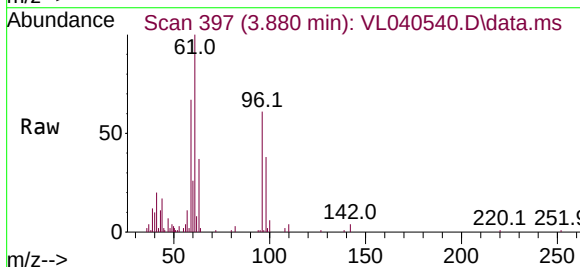
Tgt Ion: 96 Resp: 18868

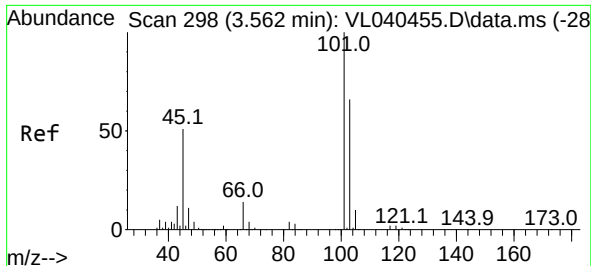
Ion Ratio Lower Upper

96 100

61 157.2 154.4 231.6

98 61.6 50.0 75.0





#19

Isopropyl Alcohol

Concen: 0.518 ppbv

RT: 3.594 min Scan# 308

Delta R.T. 0.013 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

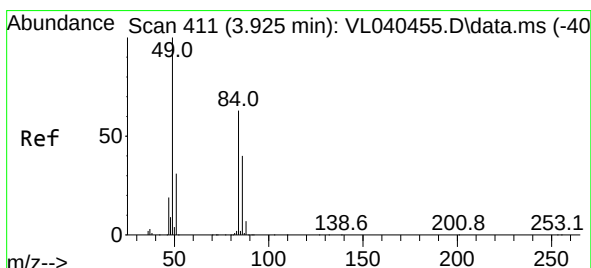
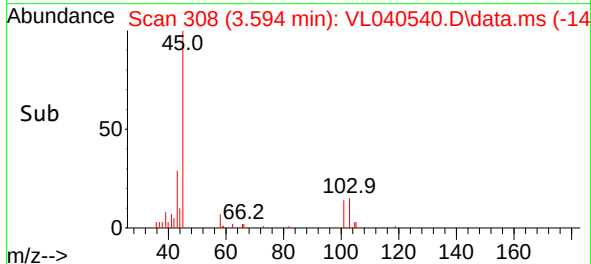
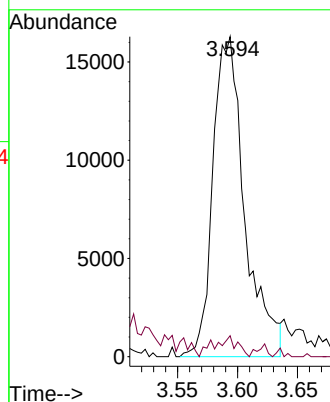
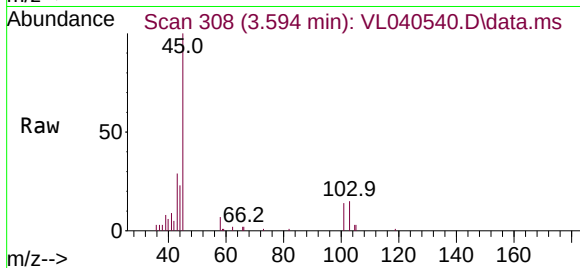
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 45 Resp: 30018

Ion Ratio Lower Upper

45 100

58 6.4 1.1 1.7#



#20

Methylene Chloride

Concen: 0.455 ppbv

RT: 3.931 min Scan# 413

Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Tgt Ion: 84 Resp: 19539

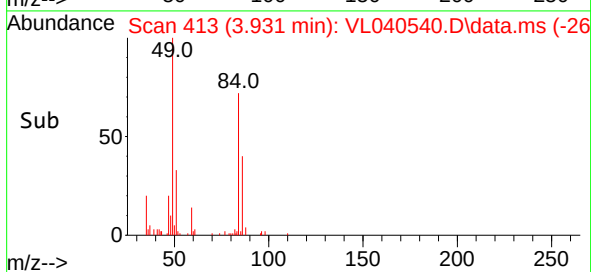
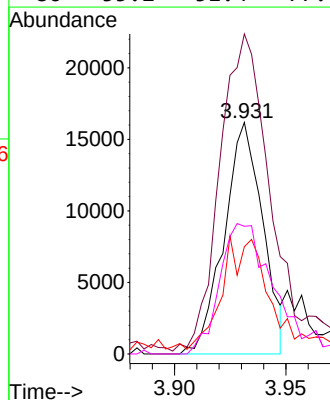
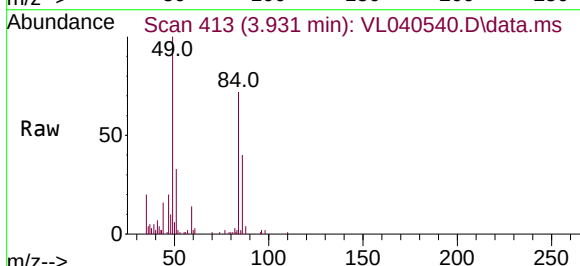
Ion Ratio Lower Upper

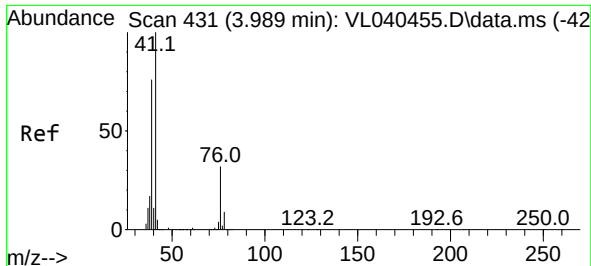
84 100

49 134.0 123.4 185.2

51 44.2 38.3 57.5

86 55.2 51.4 77.0

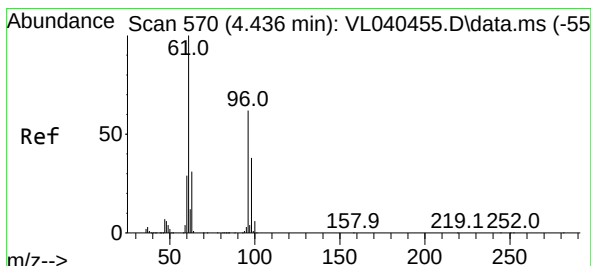
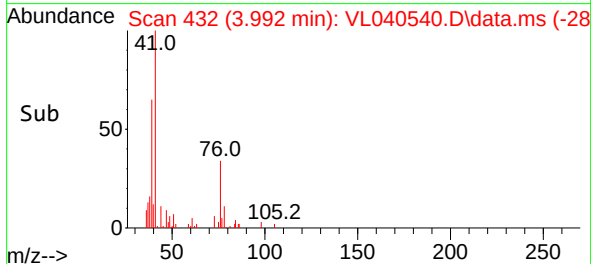
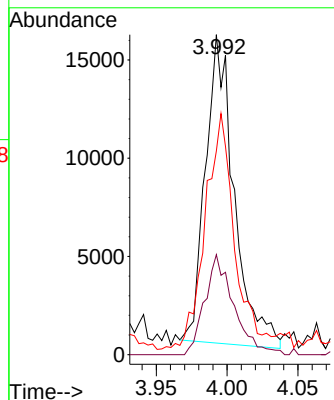
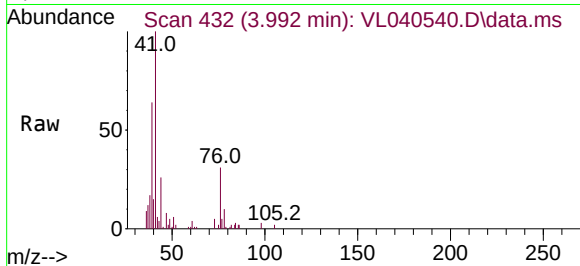




#21
 Allyl Chloride
 Concen: 0.384 ppbv
 RT: 3.992 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

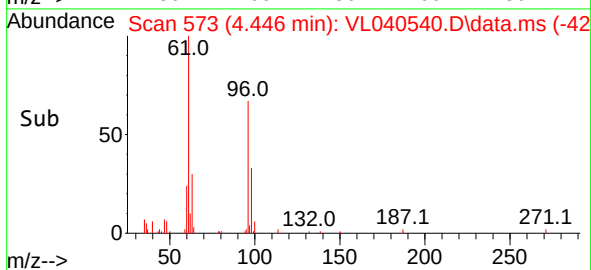
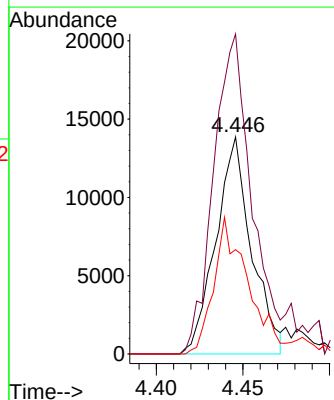
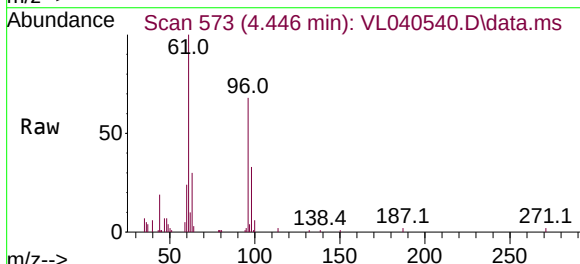
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

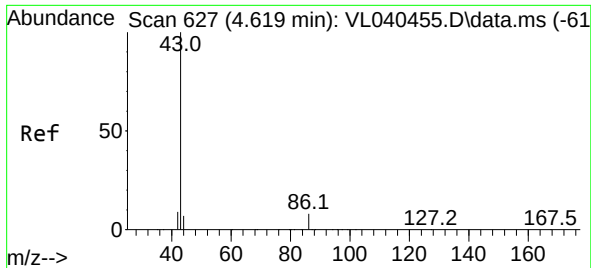
Tgt Ion:	41	Resp:	22108
Ion	Ratio	Lower	Upper
41	100		
76	33.2	24.8	37.2
39	88.2	60.6	91.0



#22
 trans-1,2-Dichloroethene
 Concen: 0.439 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.007 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

Tgt Ion:	96	Resp:	19835
Ion	Ratio	Lower	Upper
96	100		
61	147.5	137.7	206.5
98	48.1	52.9	79.3

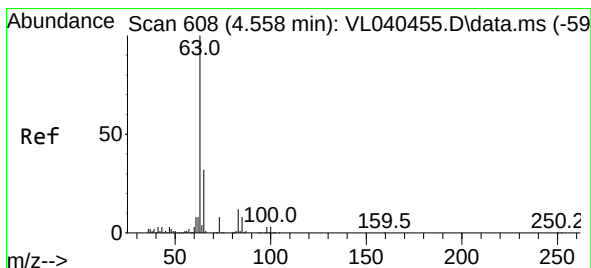
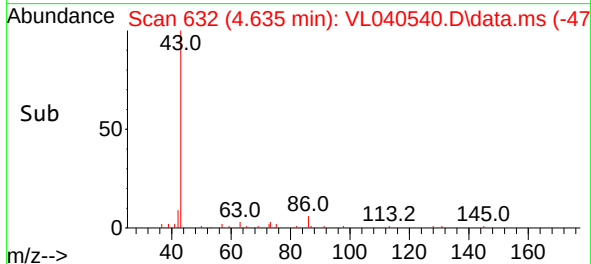
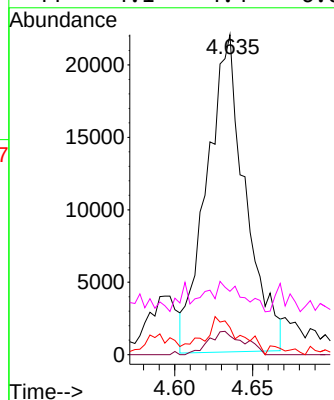
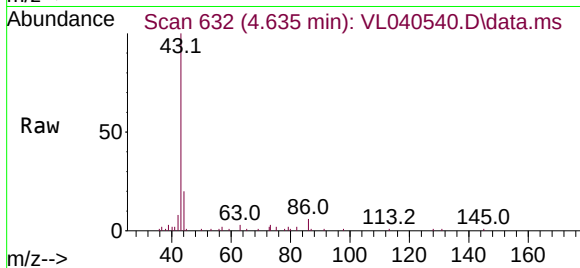




#23
 Vinyl Acetate
 Concen: 0.393 ppbv
 RT: 4.635 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

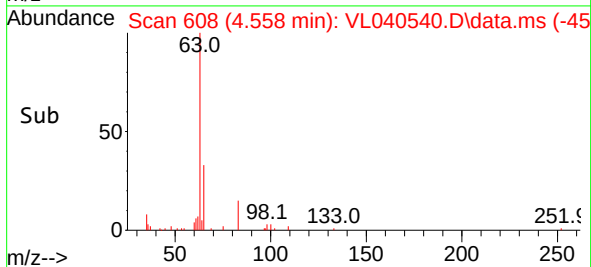
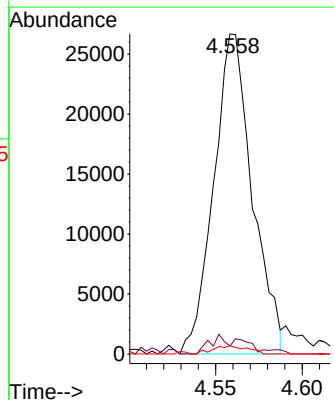
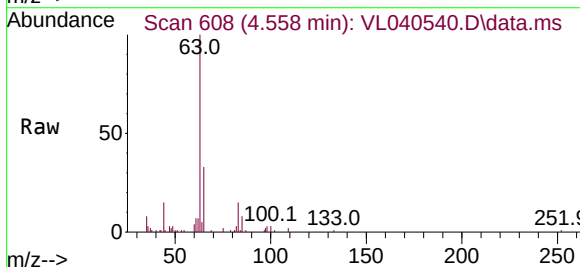
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

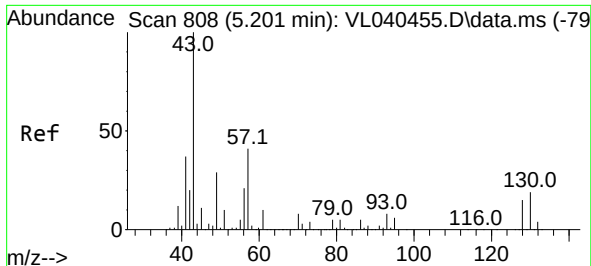
Tgt Ion: 43	Resp: 37805
Ion Ratio	Lower Upper
43 100	
86 6.6	5.6 8.4
42 7.4	7.4 11.2#
44 4.1	4.4 6.6#



#24
 1,1-Dichloroethane
 Concen: 0.424 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.013 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

Tgt Ion: 63	Resp: 41378
Ion Ratio	Lower Upper
63 100	
98 2.5	1.8 5.5
100 2.6	1.4 4.0

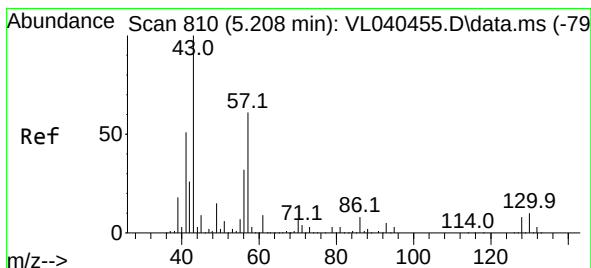
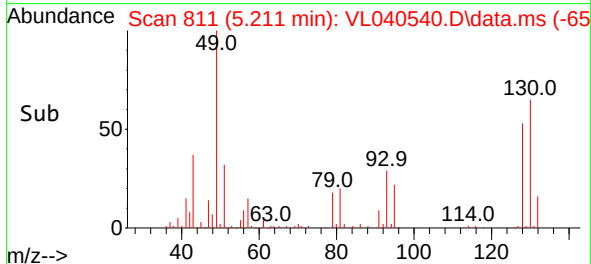
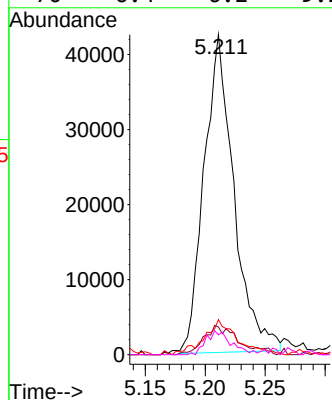
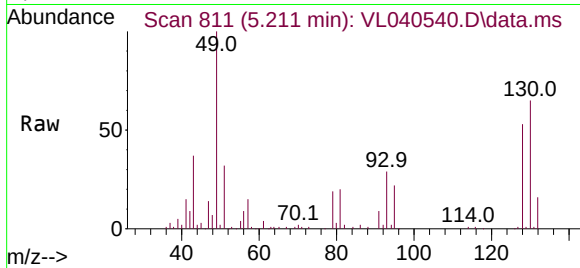




#25
Ethyl Acetate
Concen: 0.382 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

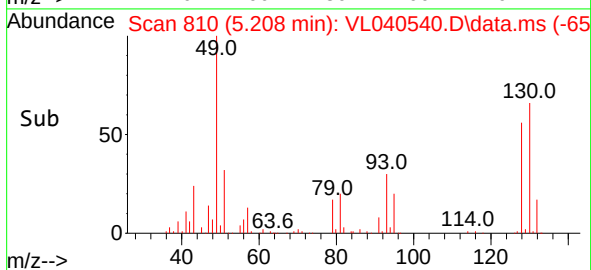
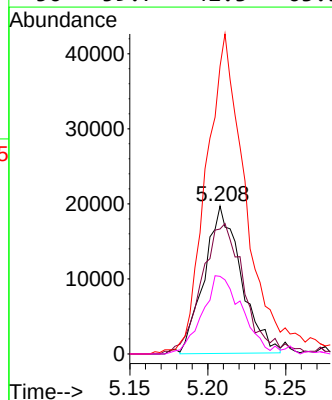
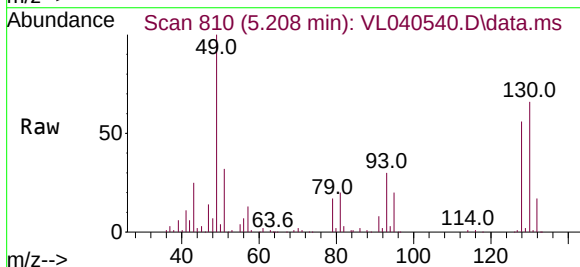
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

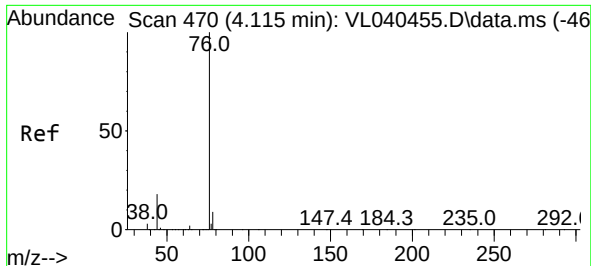
Tgt Ion:	43	Resp:	73272
Ion	Ratio	Lower	Upper
43	100		
45	11.2	8.2	12.4
61	12.1	8.3	12.5
70	6.4	6.2	9.2



#26
Hexane
Concen: 0.361 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion:	57	Resp:	32226
Ion	Ratio	Lower	Upper
57	100		
41	106.0	69.5	104.3#
43	245.3	177.1	265.7
56	59.7	42.3	63.5

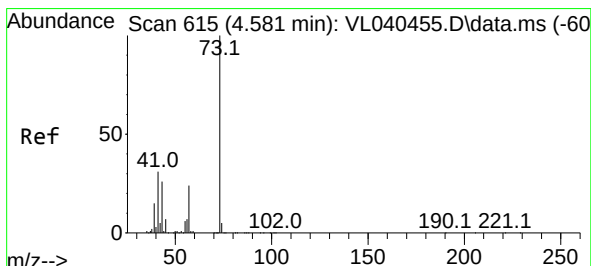
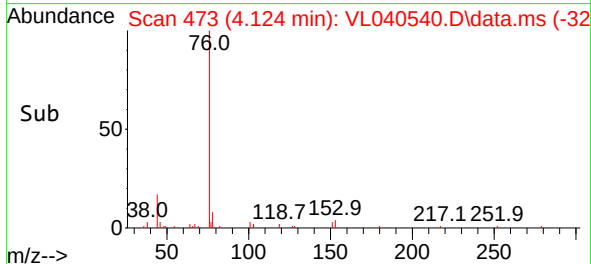
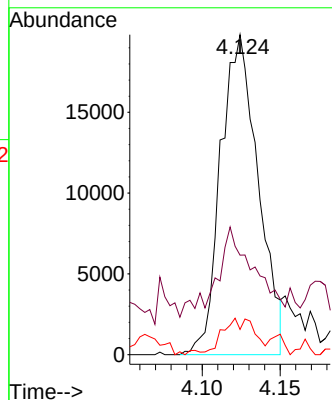
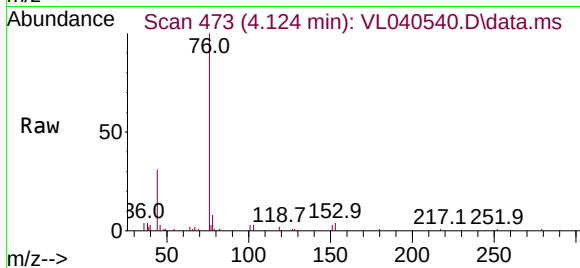




#27
Carbon Disulfide
Concen: 0.317 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

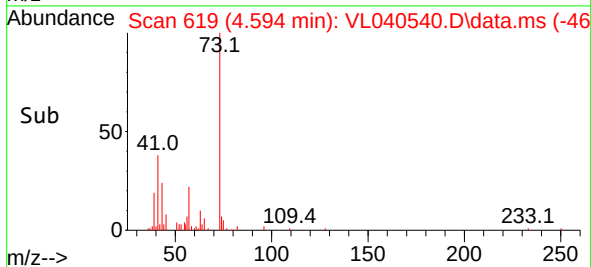
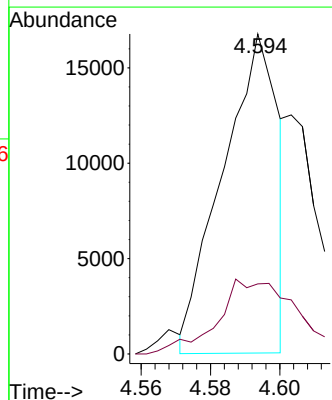
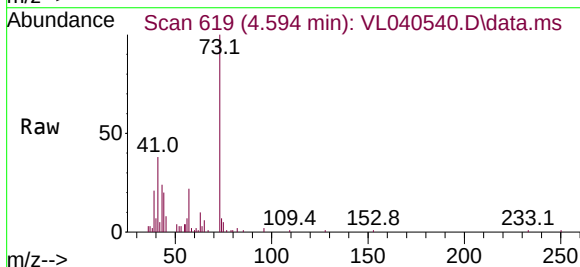
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

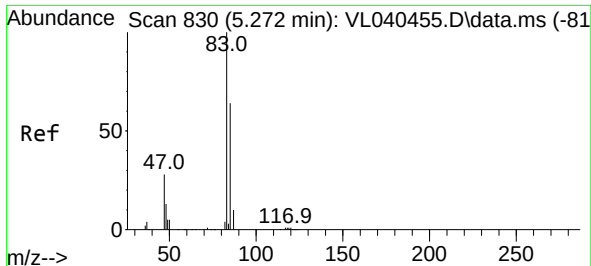
Tgt Ion: 76 Resp: 33213
Ion Ratio Lower Upper
76 100
44 30.8 15.1 22.7#
78 13.5 7.5 11.3#



#28
Methyl tert-Butyl Ether
Concen: 0.258 ppbv
RT: 4.594 min Scan# 619
Delta R.T. -0.000 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 73 Resp: 18496
Ion Ratio Lower Upper
73 100
57 38.4 18.8 28.2#

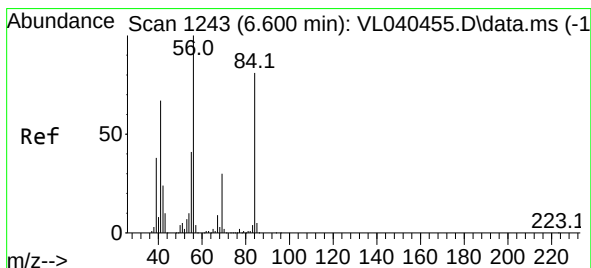
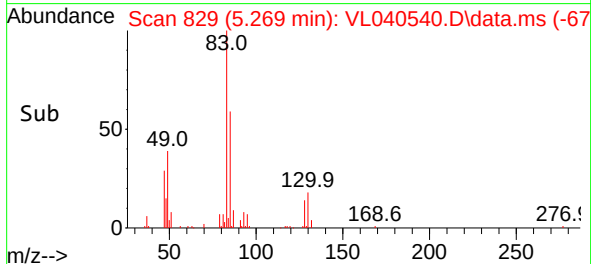
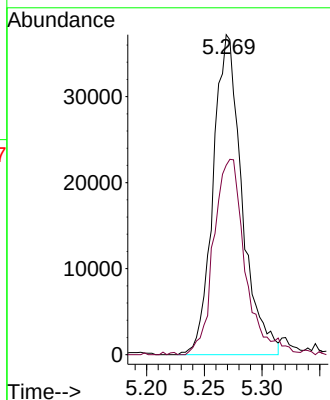
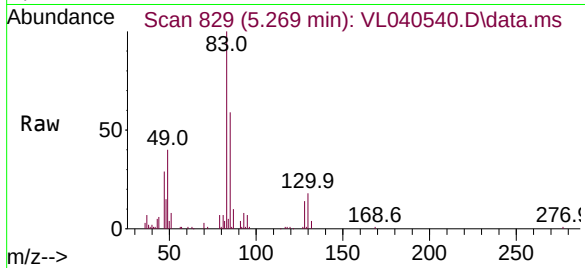




#29
Chloroform
Concen: 0.436 ppbv
RT: 5.269 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

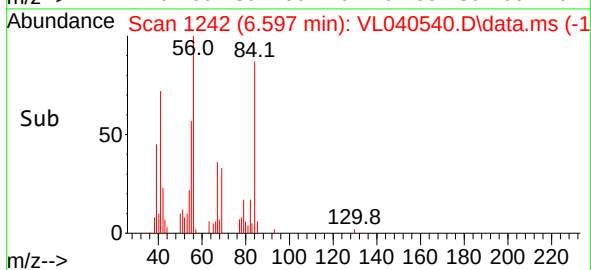
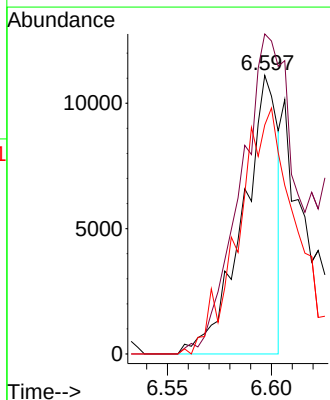
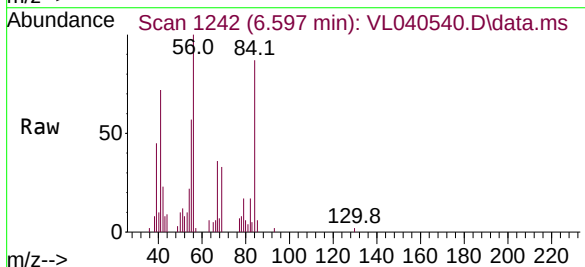
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

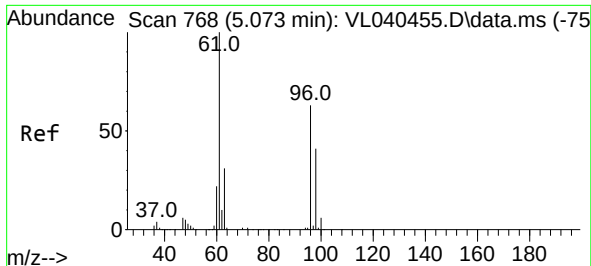
Tgt Ion: 83 Resp: 64493
Ion Ratio Lower Upper
83 100
85 59.2 51.1 76.7



#30
Cyclohexane
Concen: 0.176 ppbv
RT: 6.597 min Scan# 1242
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 84 Resp: 13036
Ion Ratio Lower Upper
84 100
56 171.6 108.7 163.1#
41 148.3 64.5 96.7#

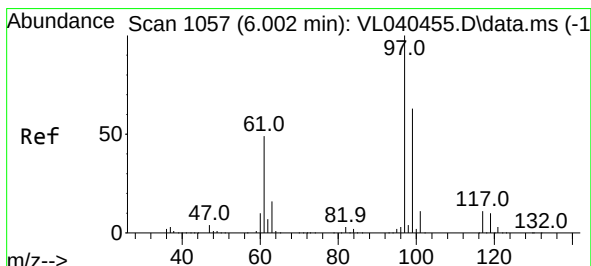
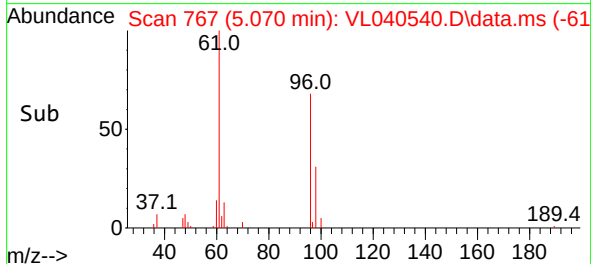
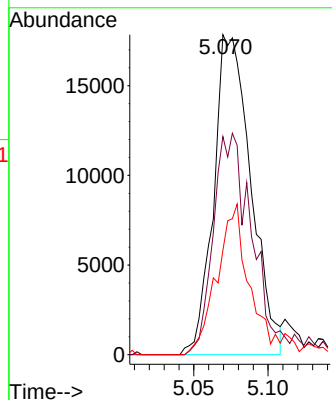
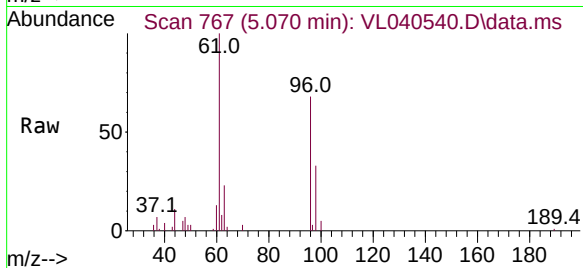




#31
 cis-1,2-Dichloroethene
 Concen: 0.353 ppbv
 RT: 5.070 min Scan# 768
 Delta R.T. -0.016 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

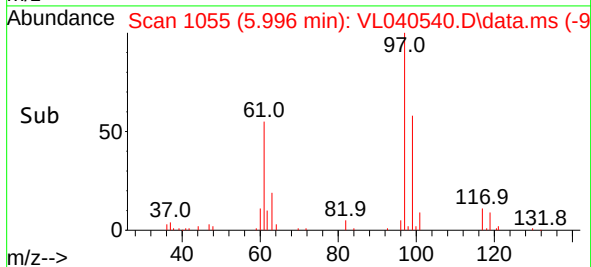
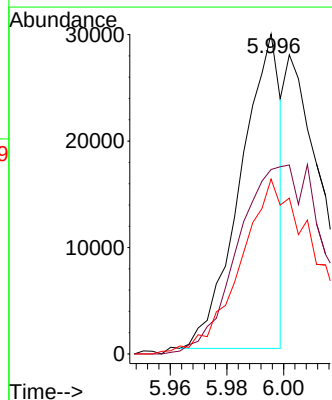
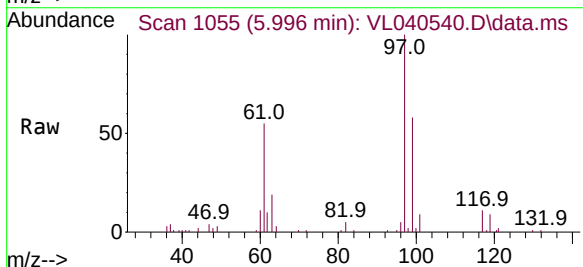
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

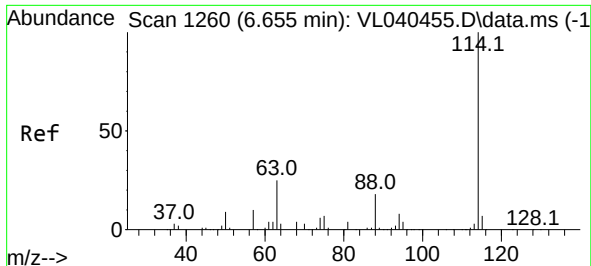
Tgt Ion: 61 Resp: 31170
 Ion Ratio Lower Upper
 61 100
 96 71.2 54.7 82.1
 98 32.6 34.6 52.0#



#32
 1,1,1-Trichloroethane
 Concen: 0.201 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

Tgt Ion: 97 Resp: 29163
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.0 78.0#
 61 109.7 38.9 58.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

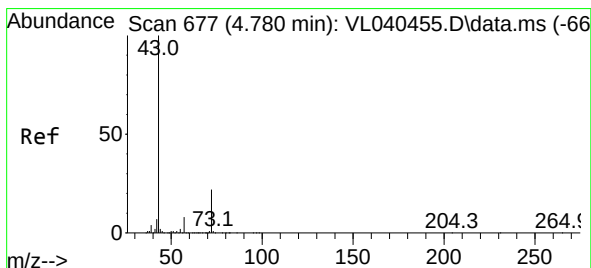
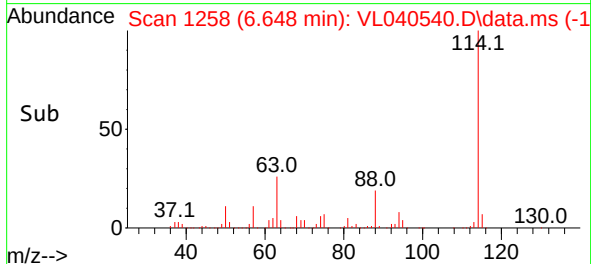
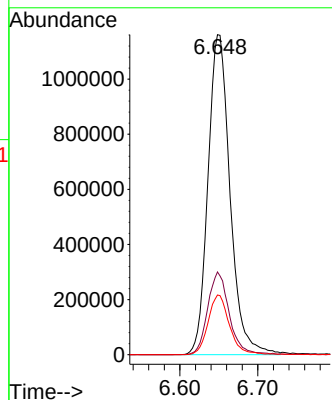
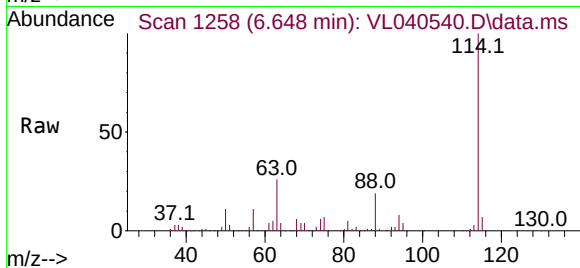
Tgt Ion:114 Resp: 2287594

Ion Ratio Lower Upper

114 100

63 25.4 19.6 29.4

88 18.2 14.2 21.2



#34

2-Butanone

Concen: 0.161 ppbv

RT: 4.793 min Scan# 681

Delta R.T. -0.000 min

Lab File: VL040540.D

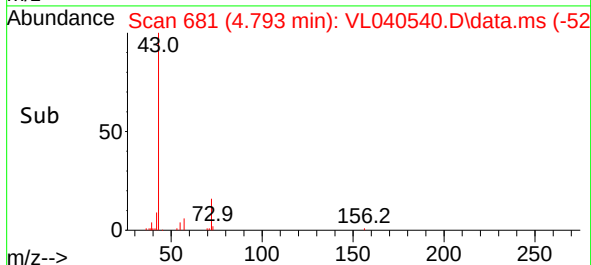
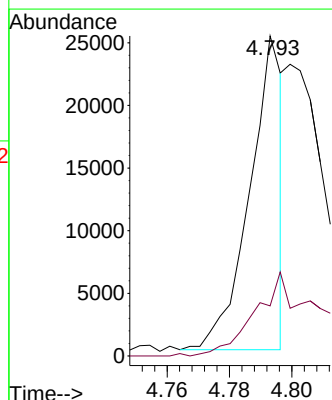
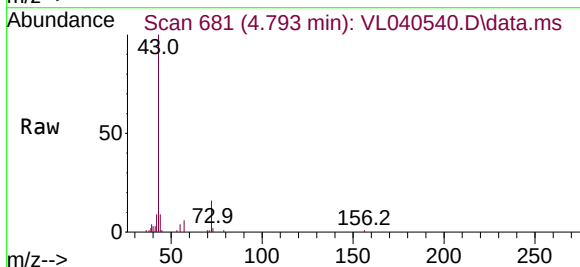
Acq: 15 Jul 2023 00:06

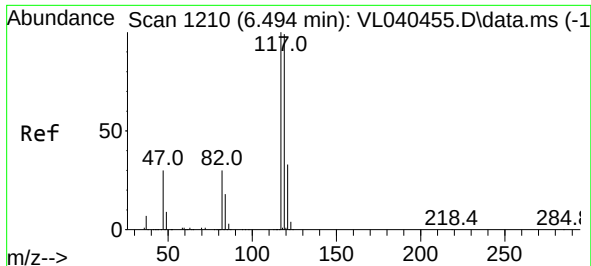
Tgt Ion: 43 Resp: 18163

Ion Ratio Lower Upper

43 100

72 0.0 19.1 28.7#

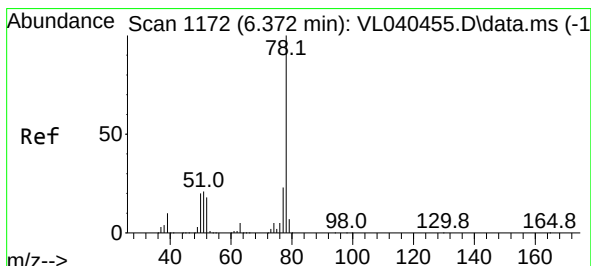
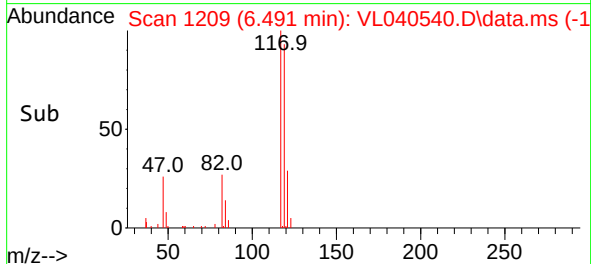
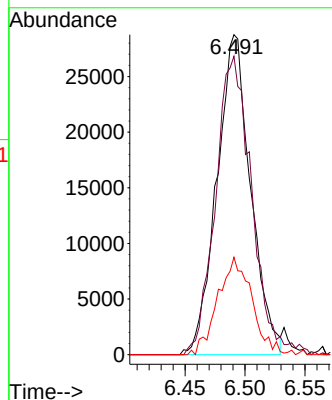
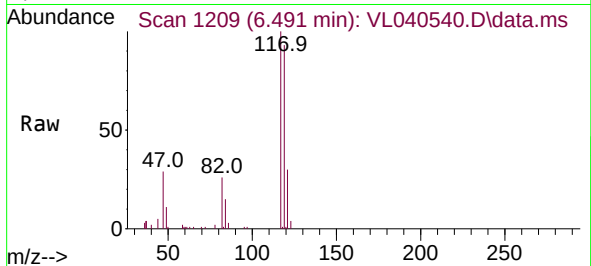




#35
Carbon Tetrachloride
Concen: 0.410 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

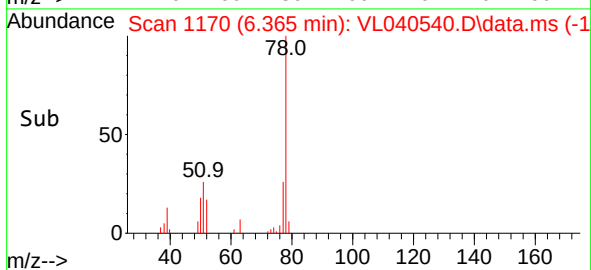
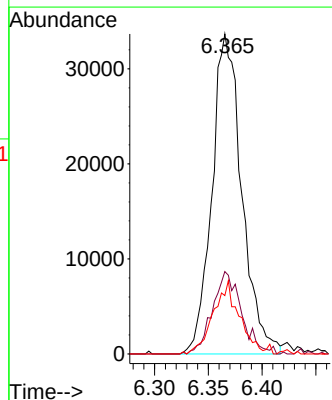
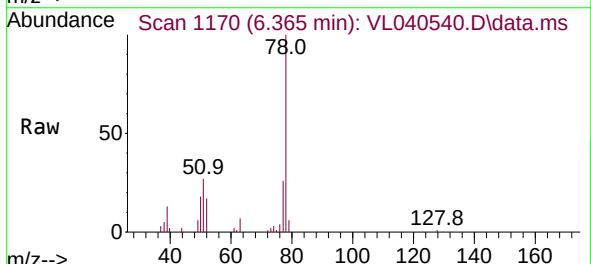
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

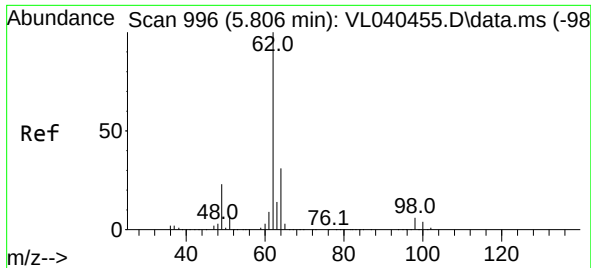
Tgt Ion:117 Resp: 56423
Ion Ratio Lower Upper
117 100
119 93.3 77.8 116.6
121 30.5 24.8 37.2



#36
Benzene
Concen: 0.353 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 78 Resp: 65038
Ion Ratio Lower Upper
78 100
77 25.7 17.4 26.0
50 18.3 14.4 21.6

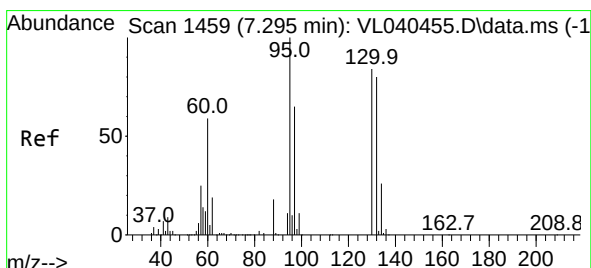
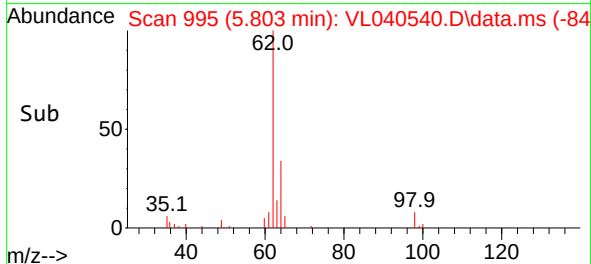
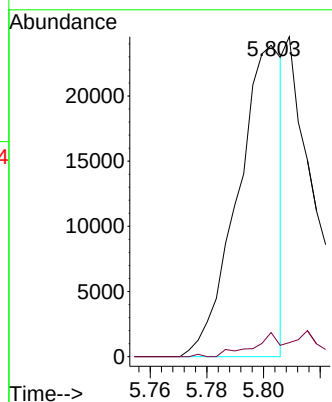
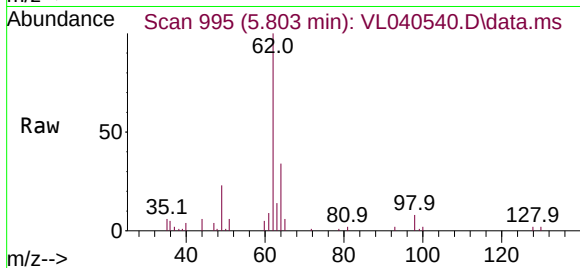




#37
1,2-Dichloroethane
Concen: 0.239 ppbv
RT: 5.803 min Scan# 996
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

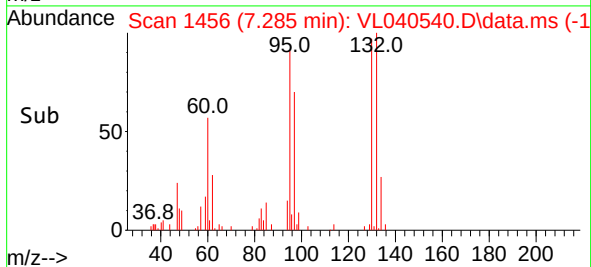
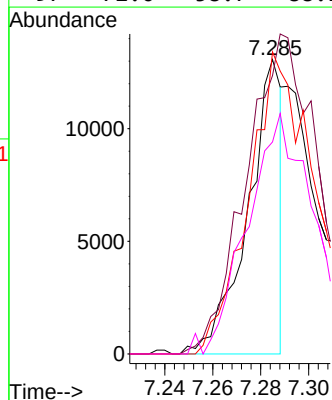
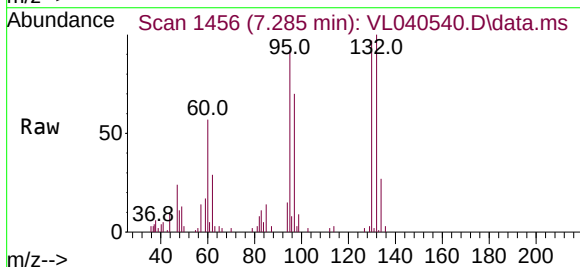
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

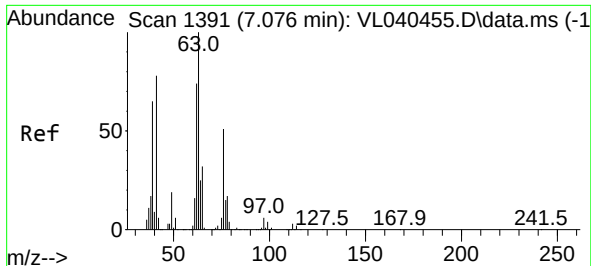
Tgt Ion: 62 Resp: 25871
Ion Ratio Lower Upper
62 100
98 0.0 5.1 7.7#



#38
Trichloroethene
Concen: 0.183 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.019 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion:130 Resp: 12724
Ion Ratio Lower Upper
130 100
95 94.6 90.2 135.2
132 102.6 76.3 114.5
97 72.0 58.7 88.1





#39

1,2-Dichloropropane

Concen: 0.362 ppbv

RT: 7.073 min Scan# 1391

Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

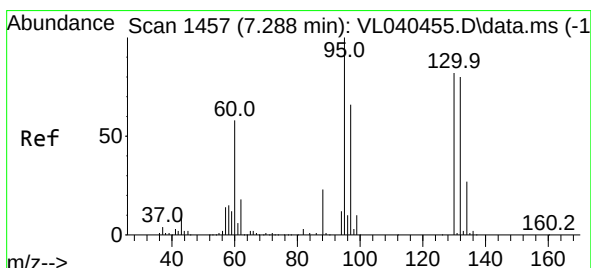
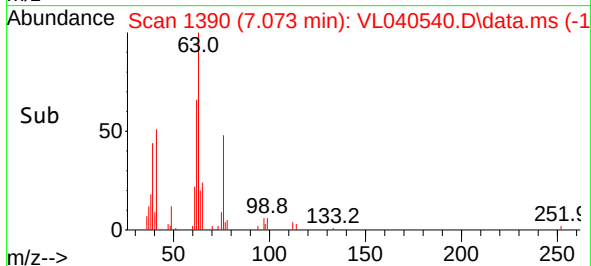
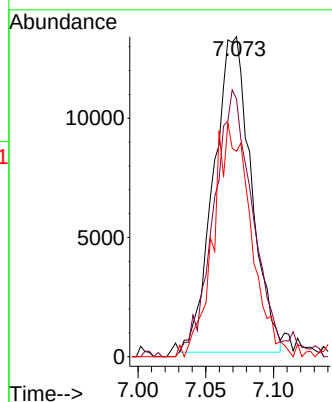
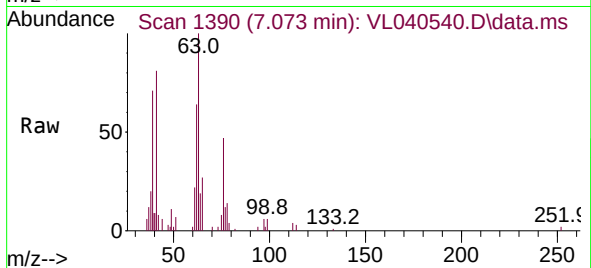
Tgt Ion: 63 Resp: 25635

Ion Ratio Lower Upper

63 100

41 79.9 54.3 81.5

62 61.4 55.6 83.4



#40

1,4-Dioxane

Concen: 0.290 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. 0.022 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Tgt Ion: 88 Resp: 6431

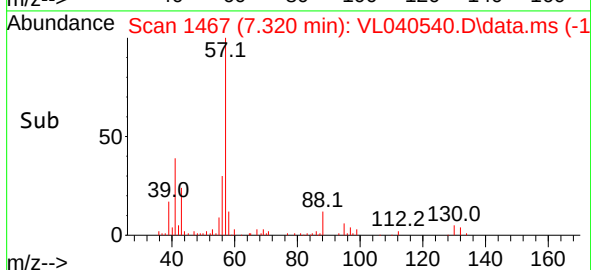
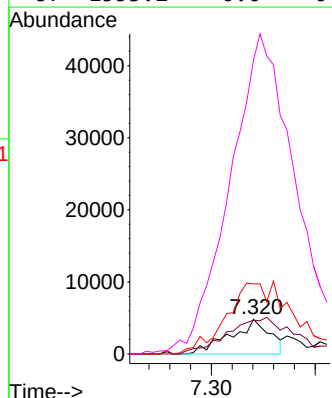
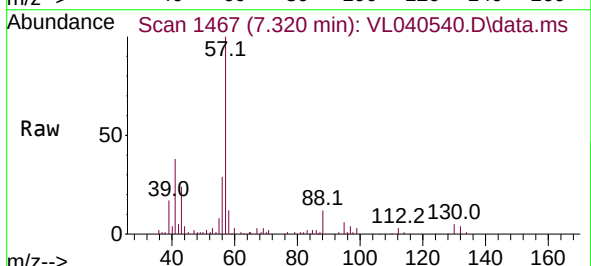
Ion Ratio Lower Upper

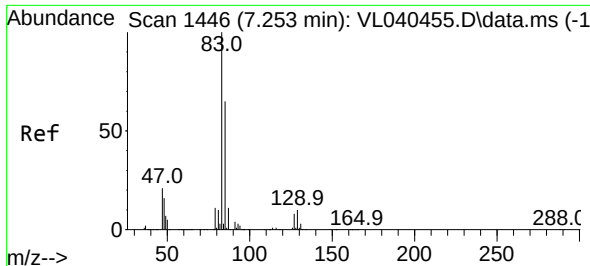
88 100

58 182.9 58.6 88.0#

43 363.1 0.0 0.0#

57 1553.2 0.0 0.0#

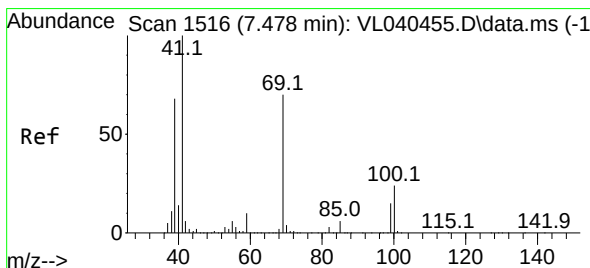
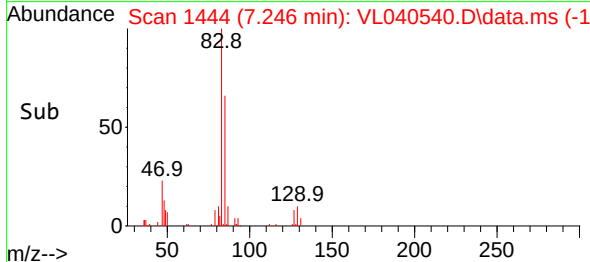
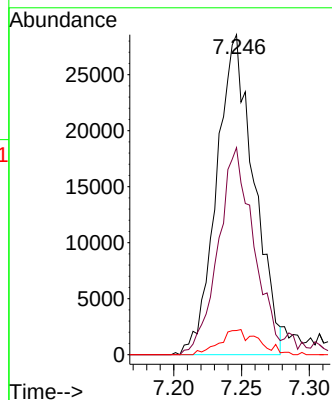
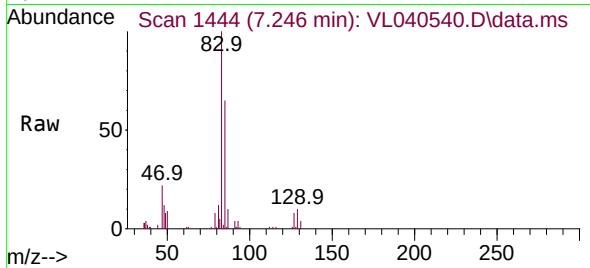




#42
Bromodichloromethane
Concen: 0.364 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

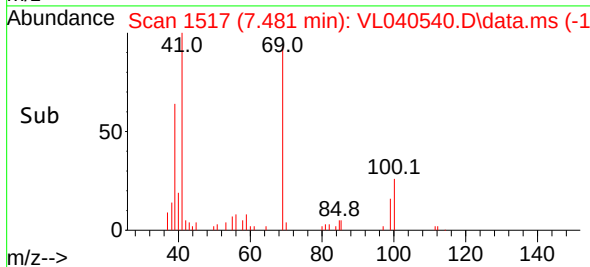
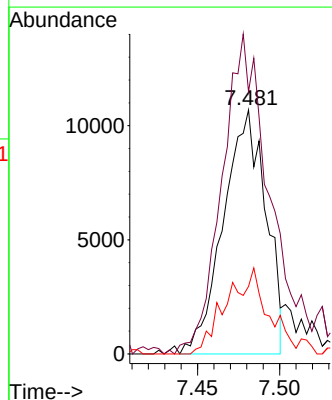
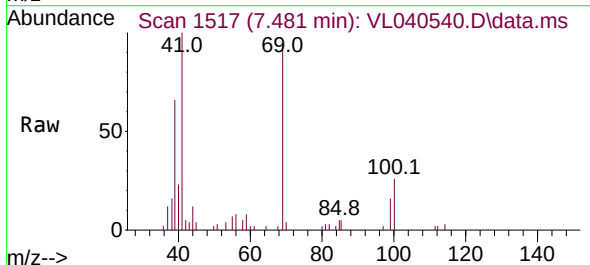
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

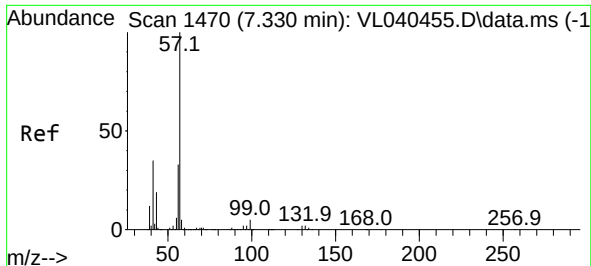
Tgt Ion: 83 Resp: 54852
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7
127 7.5 6.5 9.7



#43
Methyl Methacrylate
Concen: 0.278 ppbv
RT: 7.481 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 69 Resp: 19181
Ion Ratio Lower Upper
69 100
41 155.0 111.7 167.5
100 36.7 26.9 40.3

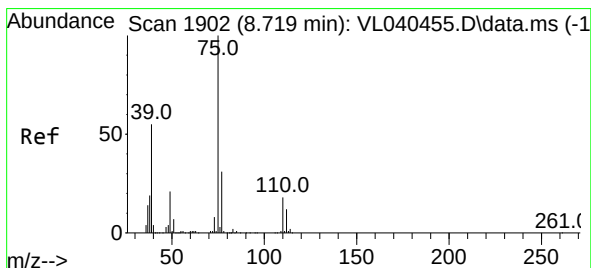
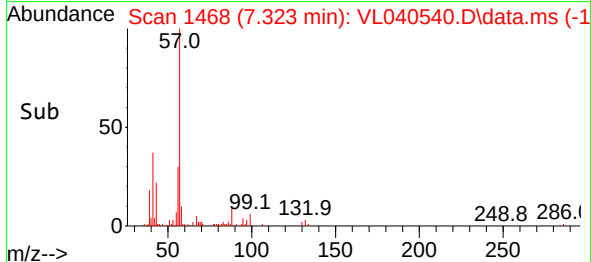
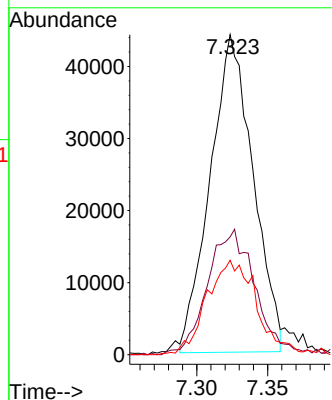
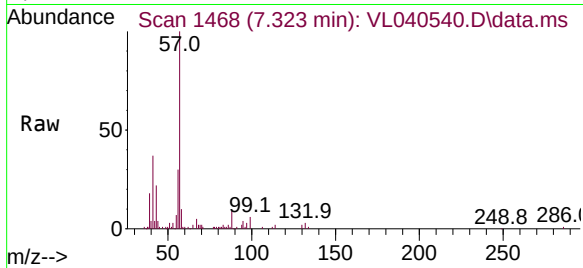




#44
2,2,4-Trimethylpentane
Concen: 0.314 ppbv
RT: 7.323 min Scan# 1470
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

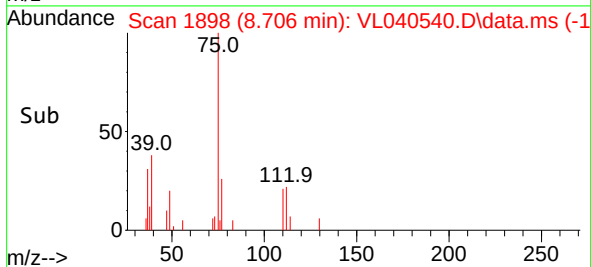
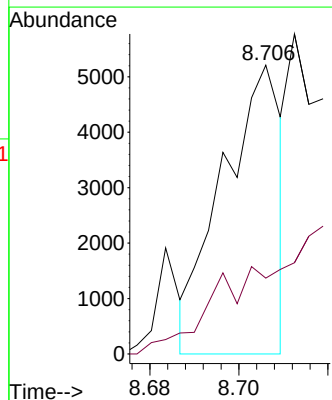
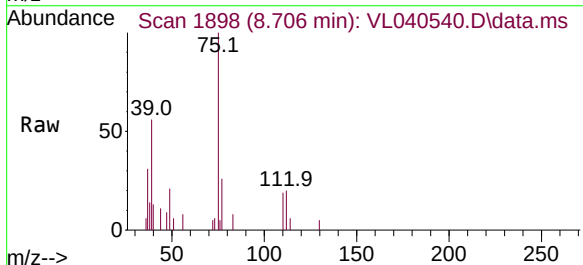
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

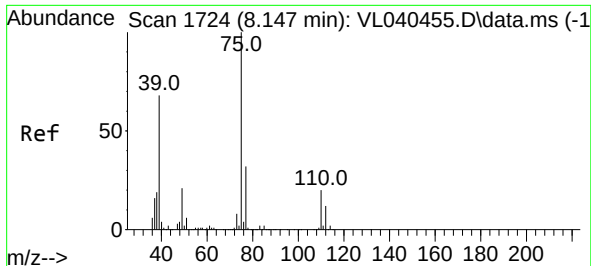
Tgt Ion: 57 Resp: 92978
Ion Ratio Lower Upper
57 100
41 43.8 25.5 38.3#
56 35.1 25.1 37.7



#45
t-1,3-Dichloropropene
Concen: 0.108 ppbv
RT: 8.706 min Scan# 1898
Delta R.T. -0.016 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 75 Resp: 4770
Ion Ratio Lower Upper
75 100
77 26.3 26.0 39.0

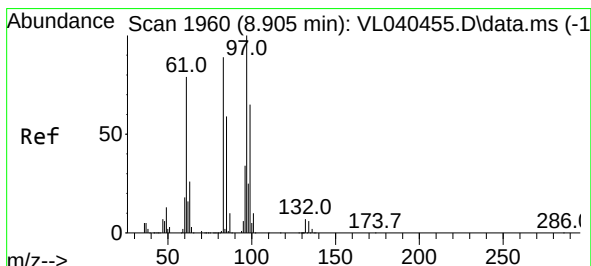
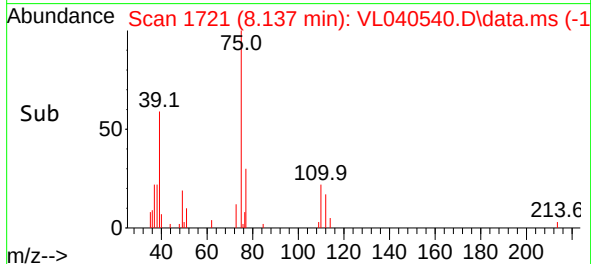
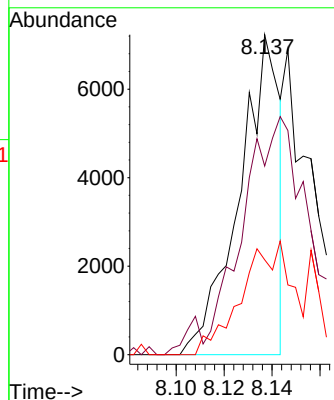
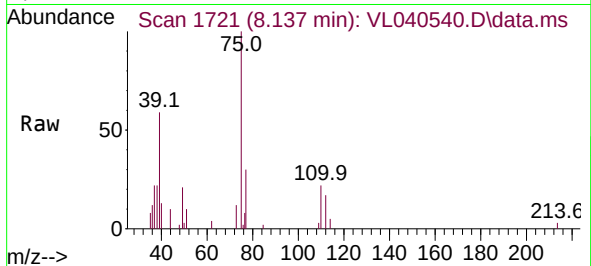




#46
 cis-1,3-Dichloropropene
 Concen: 0.149 ppbv
 RT: 8.137 min Scan# 1
 Delta R.T. -0.016 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

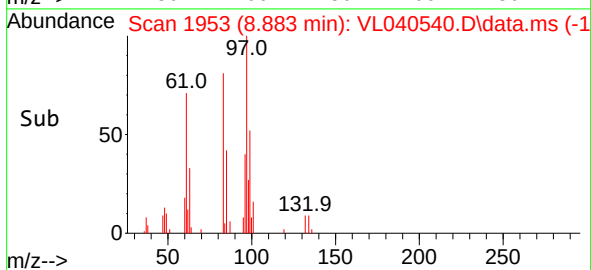
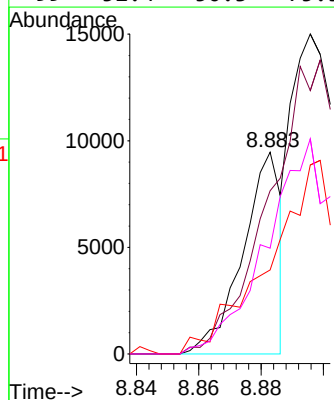
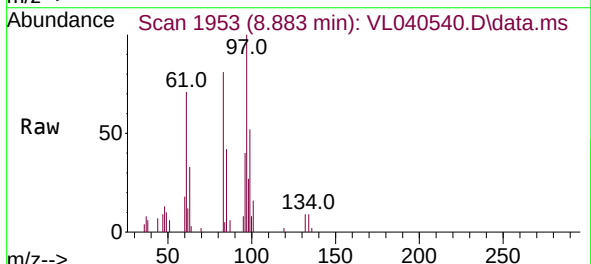
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

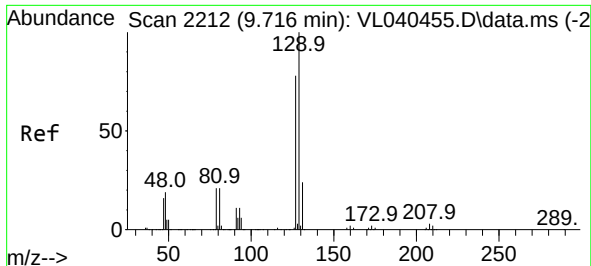
Tgt Ion:	75	Resp:	8438
Ion	Ratio	Lower	Upper
75	100		
39	56.0	48.0	72.0
77	29.6	24.0	36.0



#47
 1,1,2-Trichloroethane
 Concen: 0.103 ppbv
 RT: 8.883 min Scan# 1953
 Delta R.T. -0.026 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

Tgt Ion:	97	Resp:	8068
Ion	Ratio	Lower	Upper
97	100		
83	80.9	73.4	110.0
85	41.6	46.6	70.0#
99	52.4	50.3	75.5

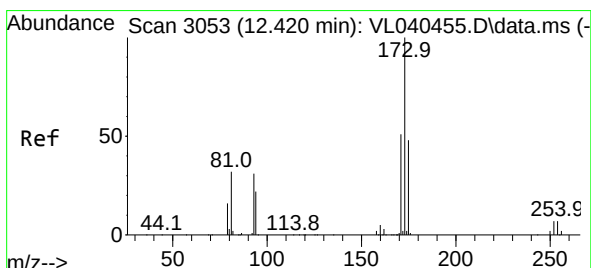
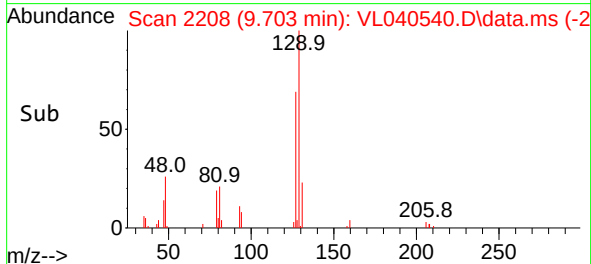
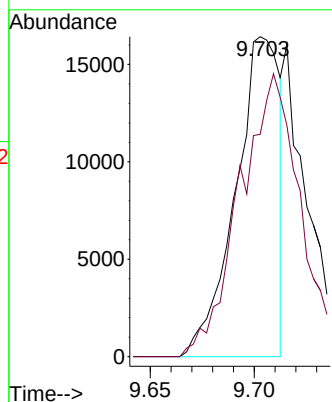
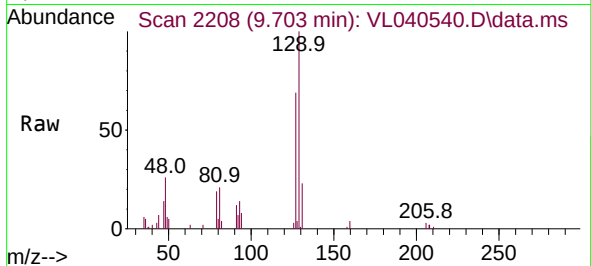




#48
Dibromochloromethane
Concen: 0.200 ppbv
RT: 9.703 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

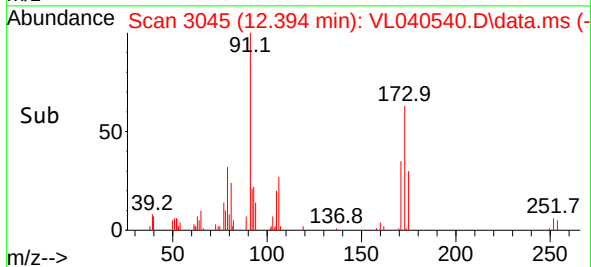
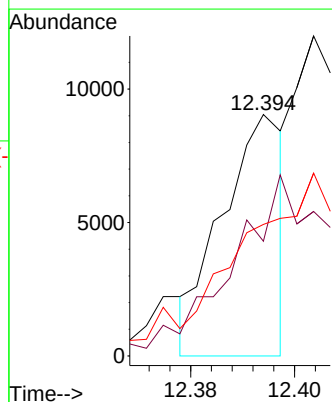
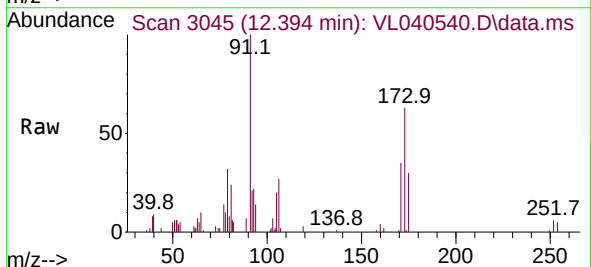
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

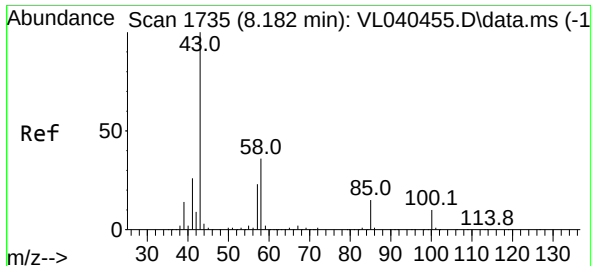
Tgt Ion:129 Resp: 24138
Ion Ratio Lower Upper
129 100
127 126.2 39.1 117.3#



#49
Bromoform
Concen: 0.077 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. -0.029 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion:173 Resp: 7425
Ion Ratio Lower Upper
173 100
175 188.0 39.5 59.3#
171 0.0 42.2 63.4#

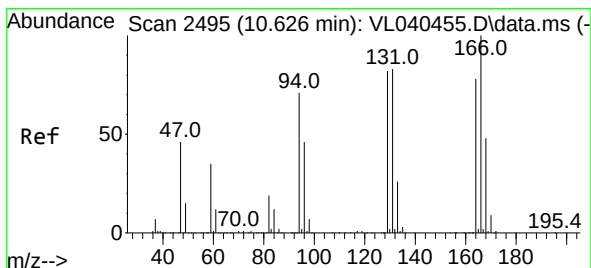
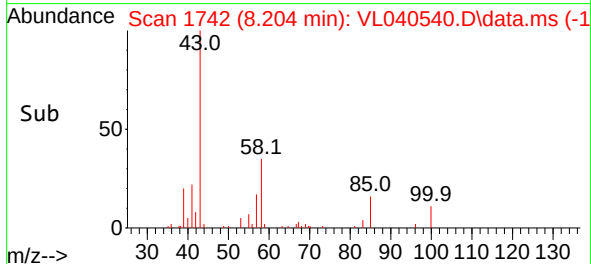
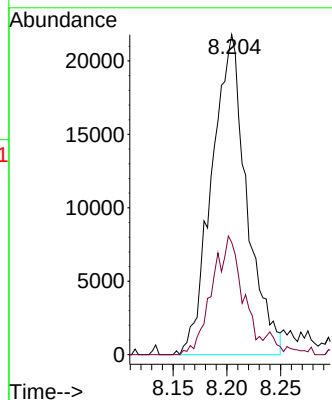
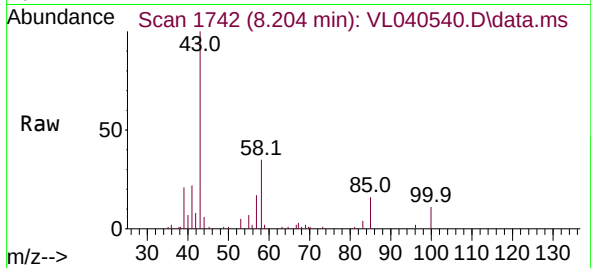




#50
4-Methyl-2-Pentanone
Concen: 0.300 ppbv
RT: 8.204 min Scan# 1
Delta R.T. 0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

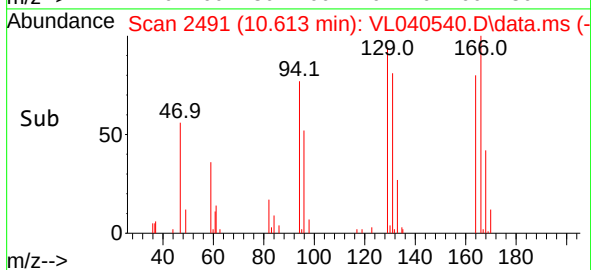
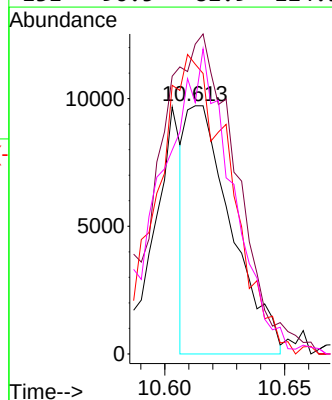
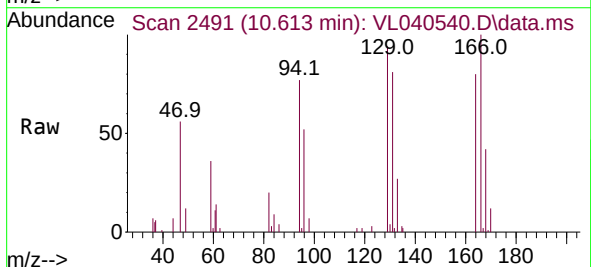
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

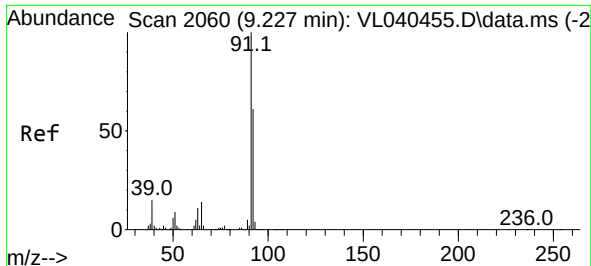
Tgt Ion: 43 Resp: 49297
Ion Ratio Lower Upper
43 100
58 35.9 30.2 45.2



#52
Tetrachloroethene
Concen: 0.216 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion:164 Resp: 12904
Ion Ratio Lower Upper
164 100
166 116.3 103.9 155.9
129 116.4 84.6 126.8
131 96.5 82.9 124.3

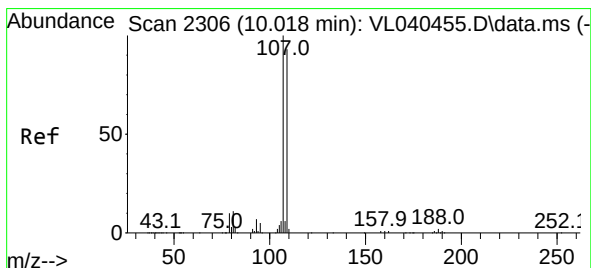
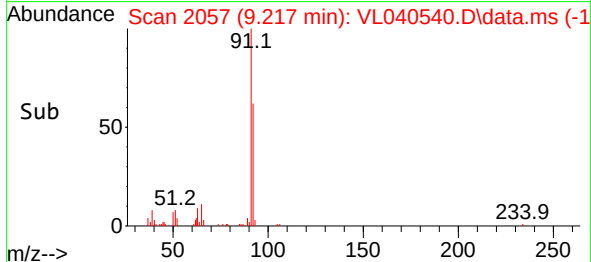
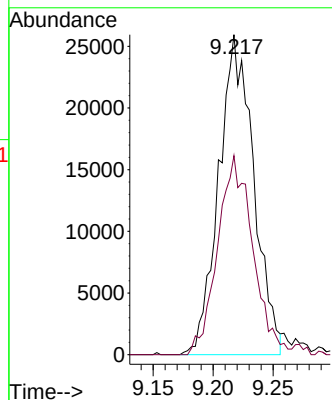
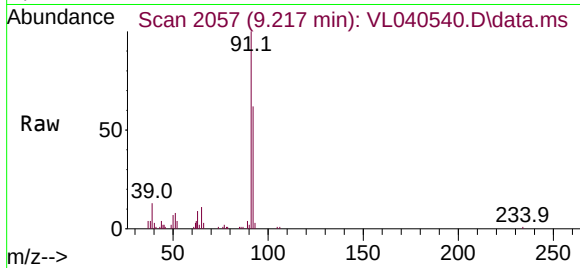




#53
Toluene
Concen: 0.263 ppbv
RT: 9.217 min Scan# 2060
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

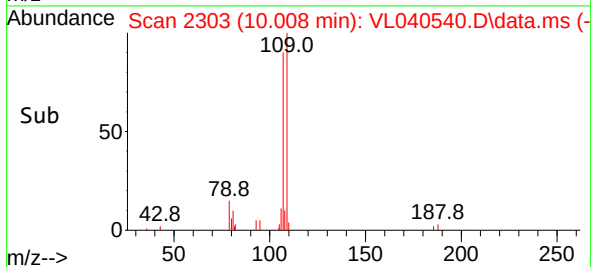
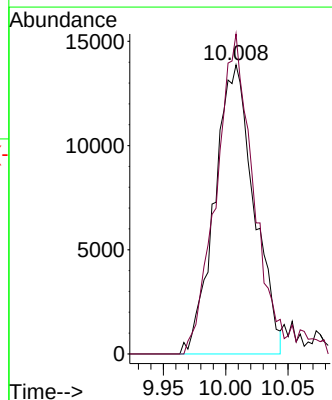
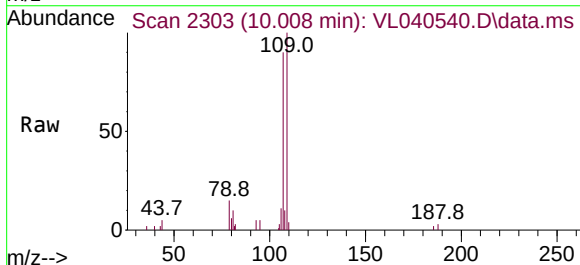
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

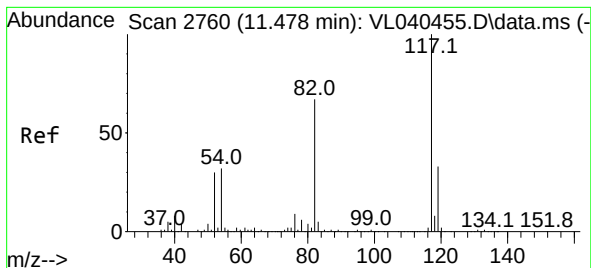
Tgt Ion: 91 Resp: 52500
Ion Ratio Lower Upper
91 100
92 63.7 49.1 73.7



#54
1,2-Dibromoethane
Concen: 0.313 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 107 Resp: 30443
Ion Ratio Lower Upper
107 100
109 110.7 75.4 113.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 21

Delta R.T. -0.016 min

Lab File: VL040540.D

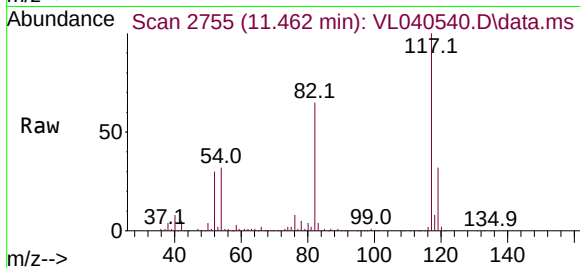
Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



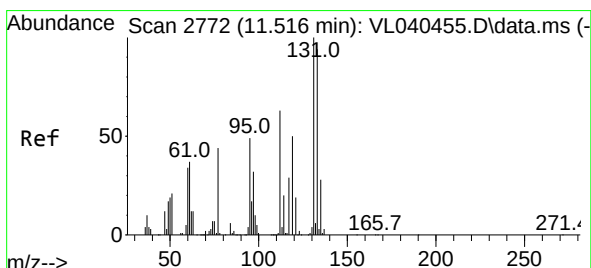
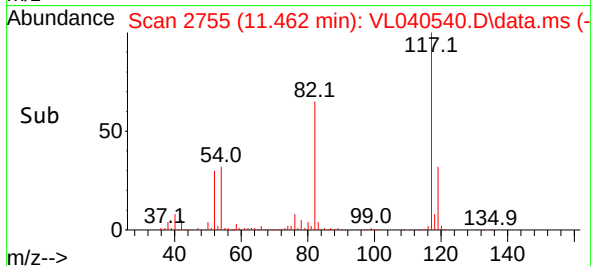
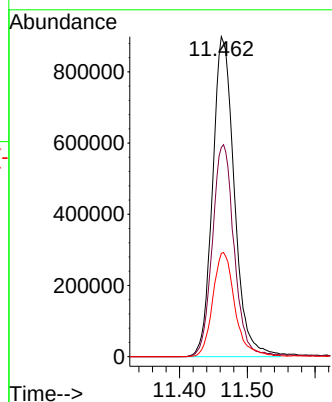
Tgt Ion:117 Resp: 2004731

Ion Ratio Lower Upper

117 100

82 67.1 50.2 75.4

119 33.2 26.9 40.3



#56

1,1,1,2-Tetrachloroethane

Concen: 0.411 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. -0.013 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

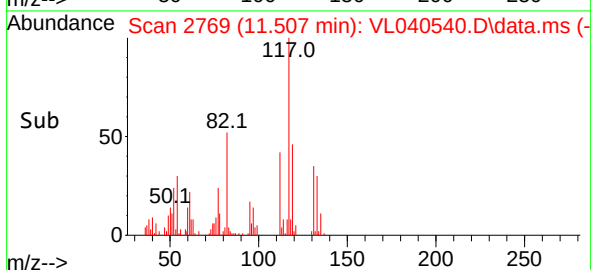
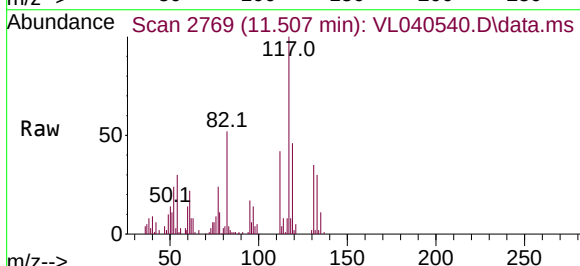
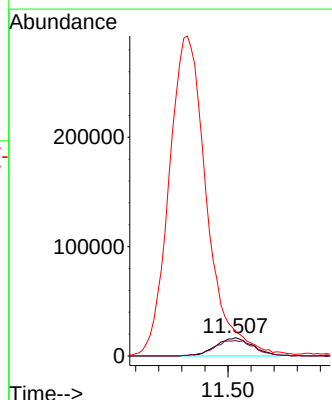
Tgt Ion:131 Resp: 36923

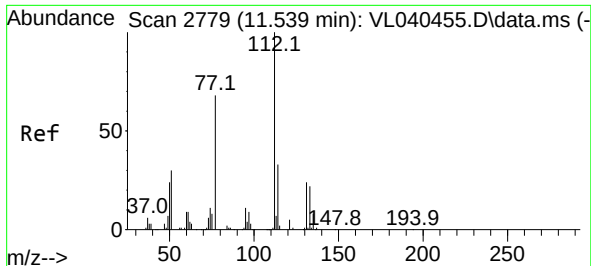
Ion Ratio Lower Upper

131 100

133 92.8 76.3 114.5

119 1817.4 51.1 76.7#

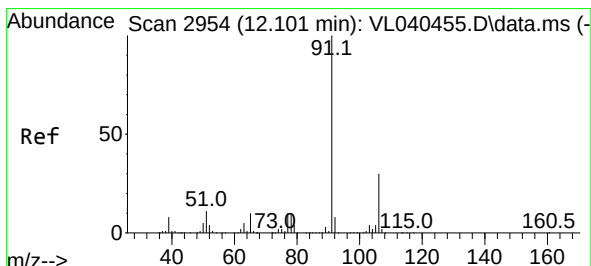
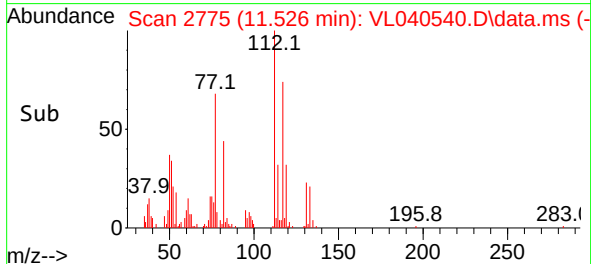
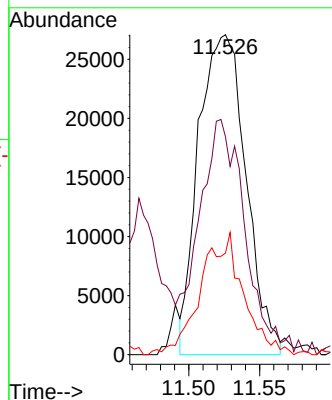
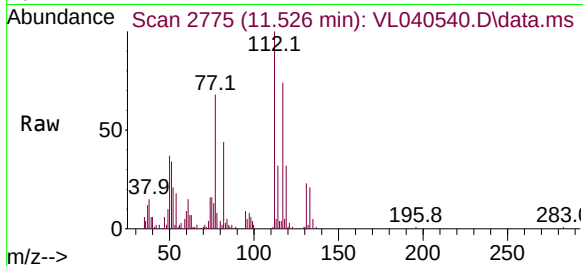




#57
Chlorobenzene
Concen: 0.403 ppbv
RT: 11.526 min Scan# 211
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

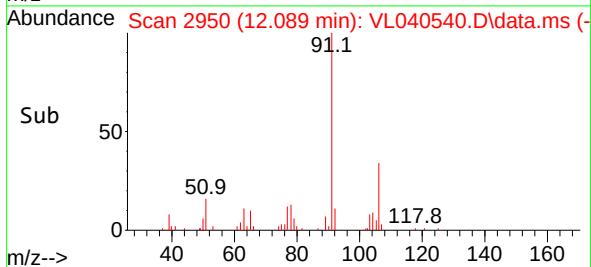
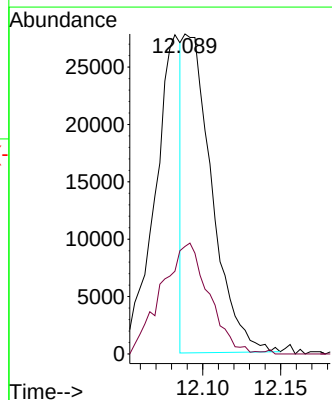
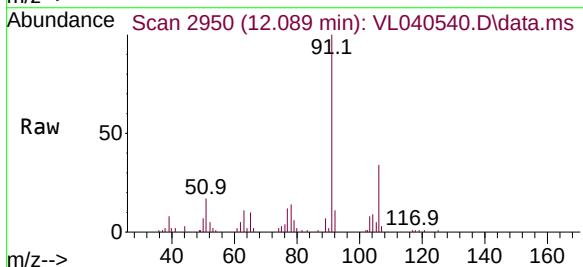
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

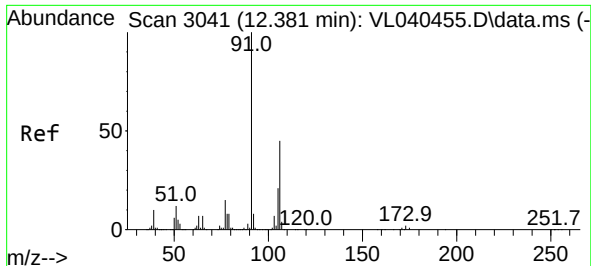
Tgt Ion:112 Resp: 63064
Ion Ratio Lower Upper
112 100
77 67.1 51.0 76.6
114 31.5 28.3 34.5



#58
Ethyl Benzene
Concen: 0.141 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 91 Resp: 35422
Ion Ratio Lower Upper
91 100
106 33.8 25.4 38.0





#59

m/p-Xylene

Concen: 0.288 ppbv

RT: 12.368 min Scan# 3041

Delta R.T. -0.016 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_1

ClientSampleId :

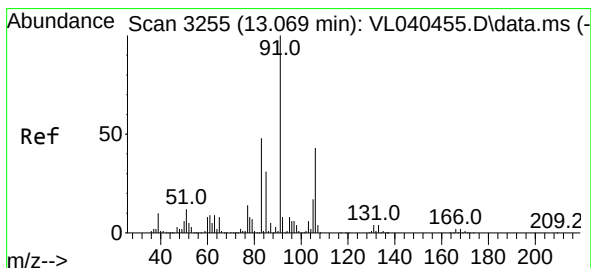
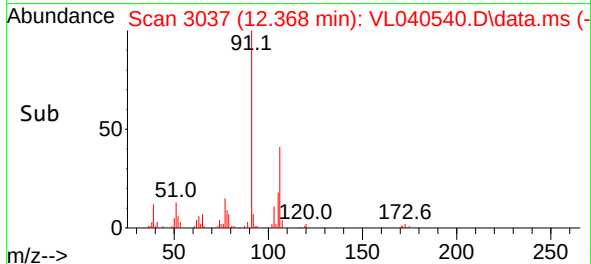
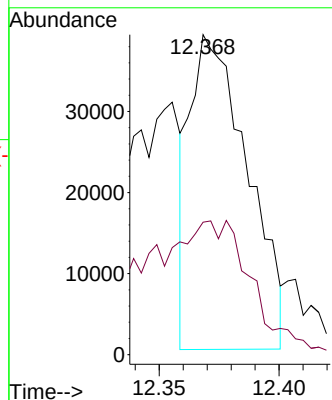
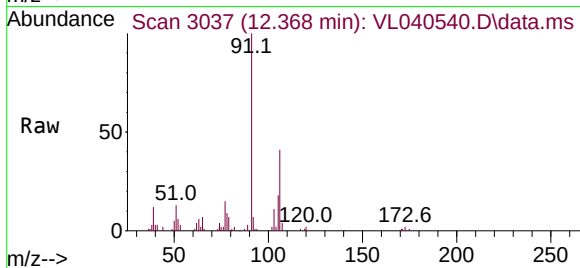
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 91 Resp: 64745

Ion Ratio Lower Upper

91 100

106 89.1 35.9 53.9#



#60

o-Xylene

Concen: 0.298 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. -0.010 min

Lab File: VL040540.D

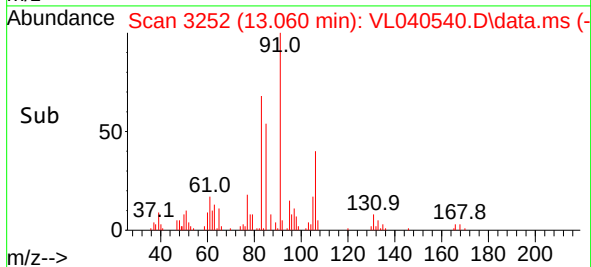
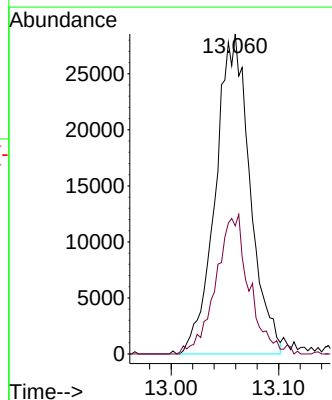
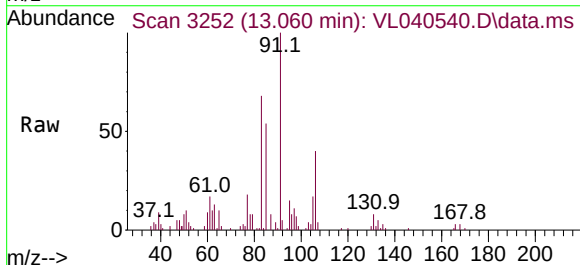
Acq: 15 Jul 2023 00:06

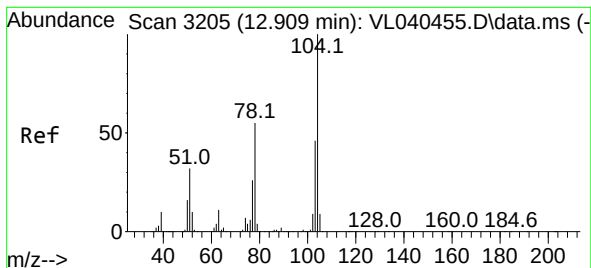
Tgt Ion: 91 Resp: 63652

Ion Ratio Lower Upper

91 100

106 42.3 22.7 68.0





#61

Styrene

Concen: 0.070 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. -0.023 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

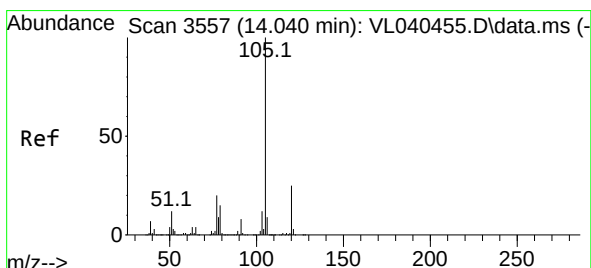
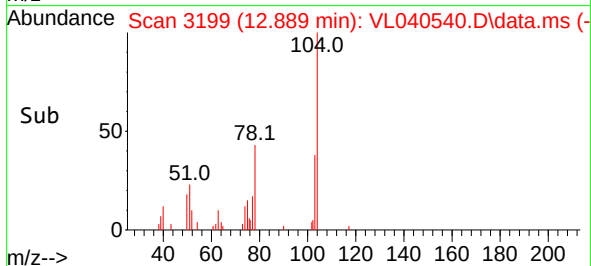
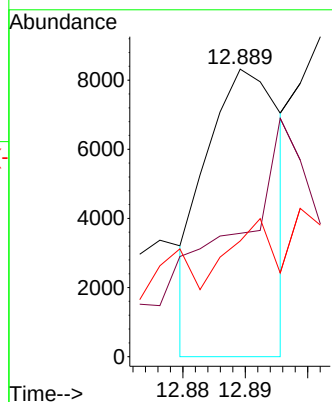
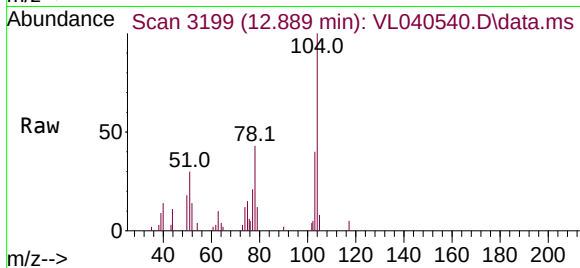
Tgt Ion:104 Resp: 6873

Ion Ratio Lower Upper

104 100

78 0.0 40.1 60.1#

103 0.0 37.0 55.4#



#62

Isopropylbenzene

Concen: 0.142 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. -0.019 min

Lab File: VL040540.D

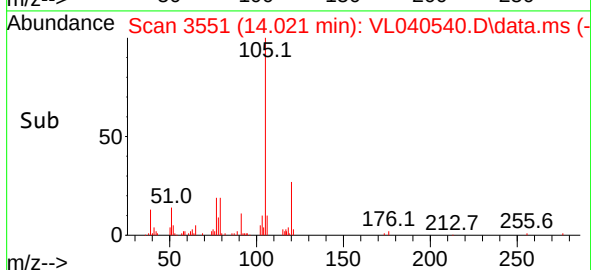
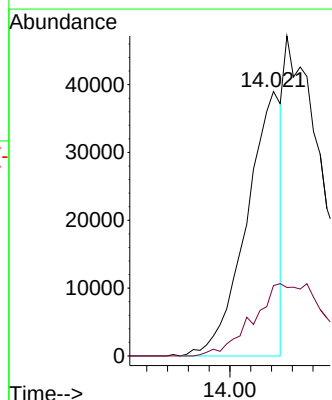
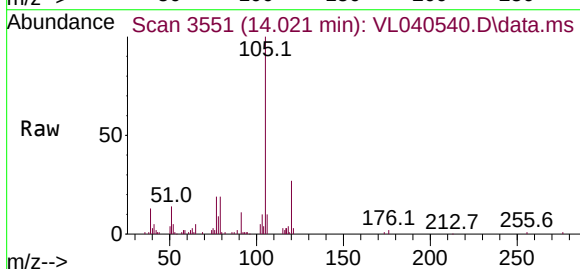
Acq: 15 Jul 2023 00:06

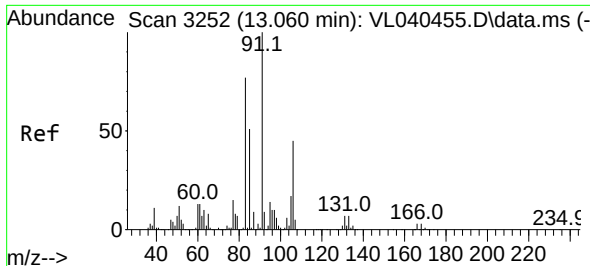
Tgt Ion:105 Resp: 45442

Ion Ratio Lower Upper

105 100

120 0.0 20.8 31.2#

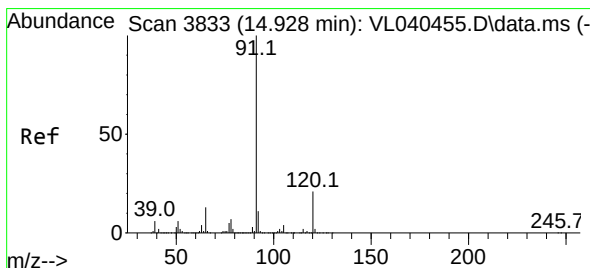
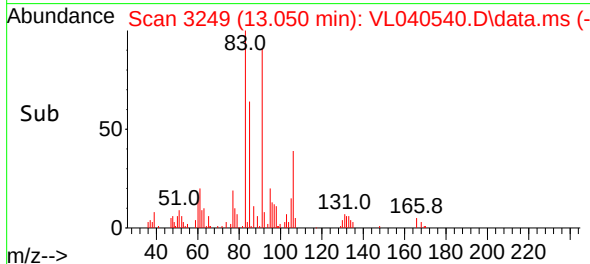
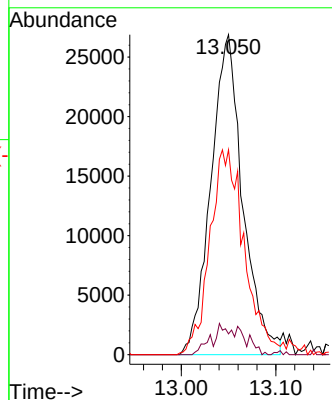
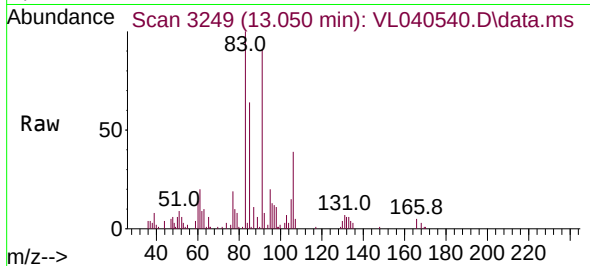




#63
1,1,2,2-Tetrachloroethane
Concen: 0.420 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

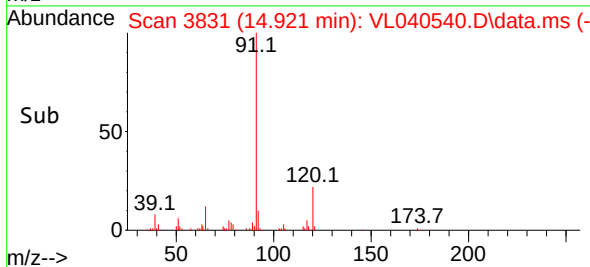
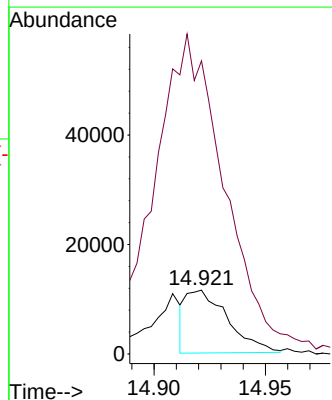
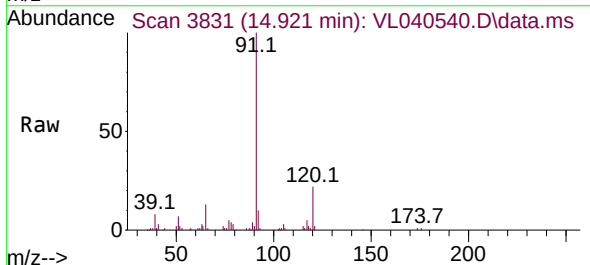
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

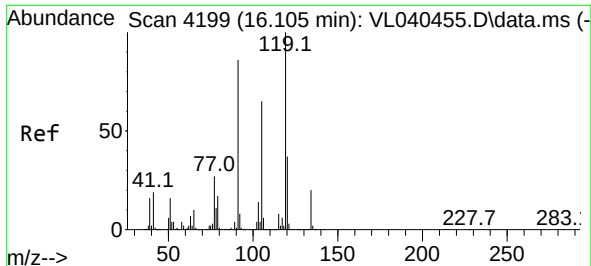
Tgt Ion: 83 Resp: 62874
Ion Ratio Lower Upper
83 100
131 9.5 4.6 13.8
85 70.9 32.8 98.3



#64
n-propylbenzene
Concen: 0.181 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion:120 Resp: 15042
Ion Ratio Lower Upper
120 100
91 878.1 374.3 561.5#

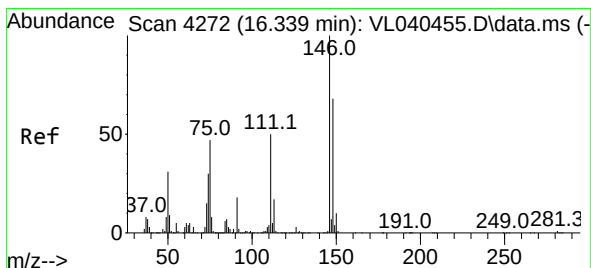
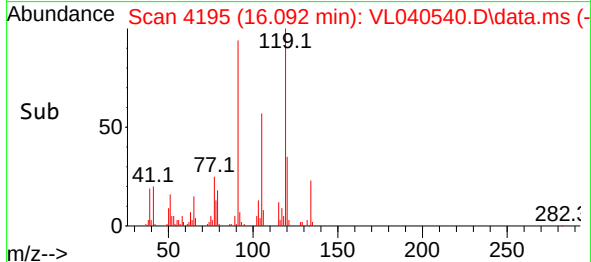
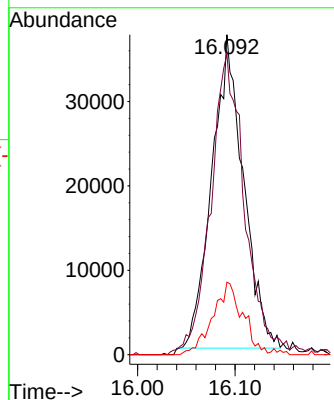
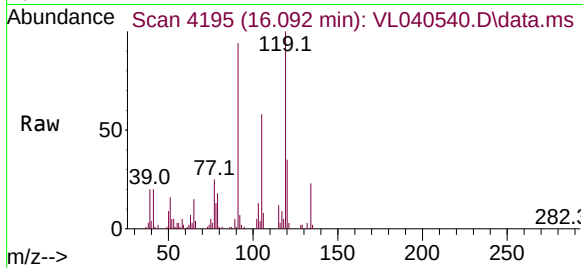




#65
tert-Butylbenzene
Concen: 0.293 ppbv
RT: 16.092 min Scan# 4199
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

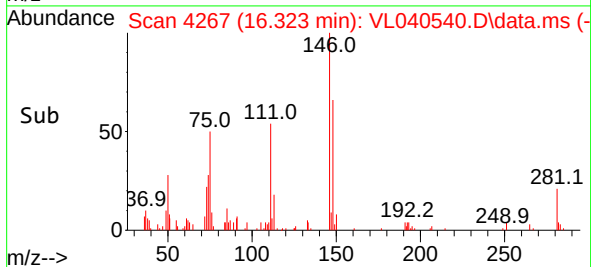
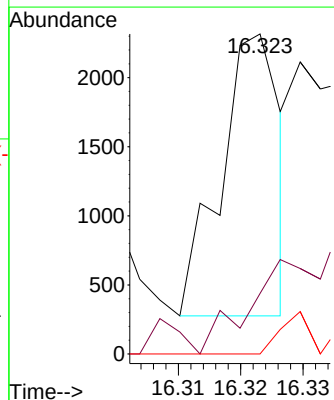
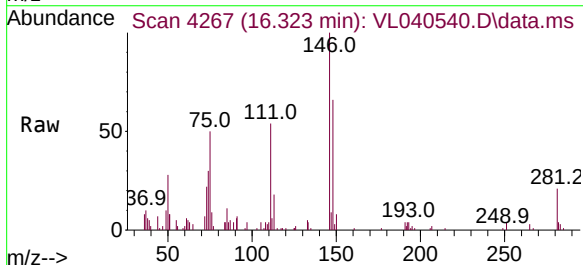
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

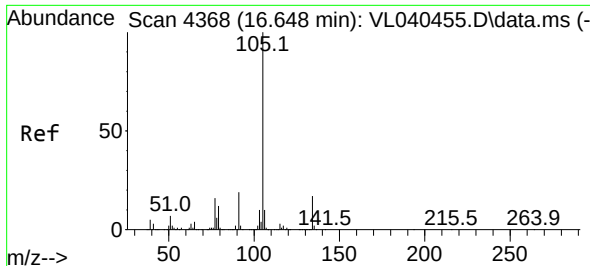
Tgt Ion:119 Resp: 83245
Ion Ratio Lower Upper
119 100
91 105.6 66.1 99.1#
134 22.5 15.7 23.5



#66
Benzyl Chloride
Concen: 0.067 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 91 Resp: 1353
Ion Ratio Lower Upper
91 100
126 365.3 15.4 23.2#
128 20.0 4.5 6.7#





#67

sec-Butylbenzene

Concen: 0.327 ppbv

RT: 16.635 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

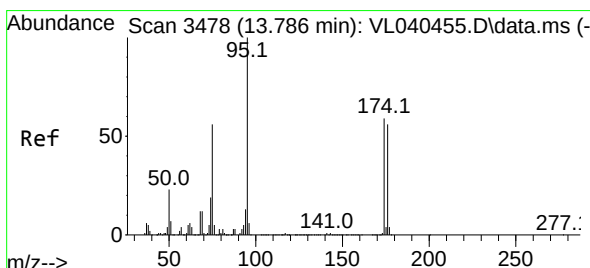
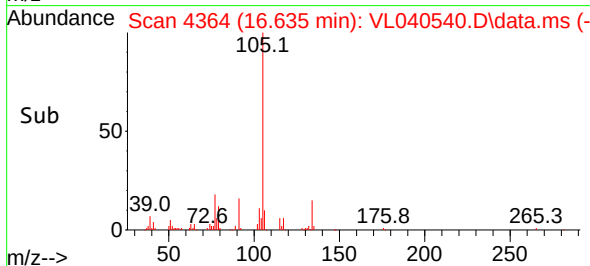
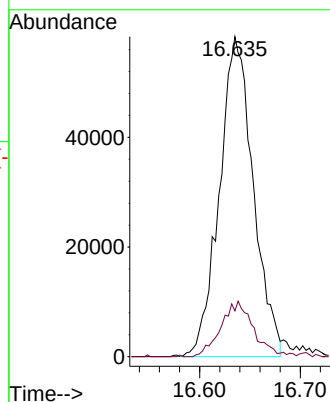
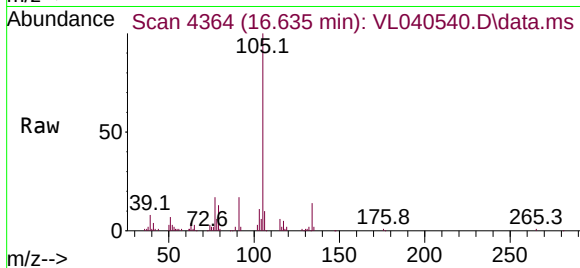
LOD-MDL-AIR-01-QT3-2023

Tgt Ion:105 Resp: 136409

Ion Ratio Lower Upper

105 100

134 17.2 14.4 21.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.350 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

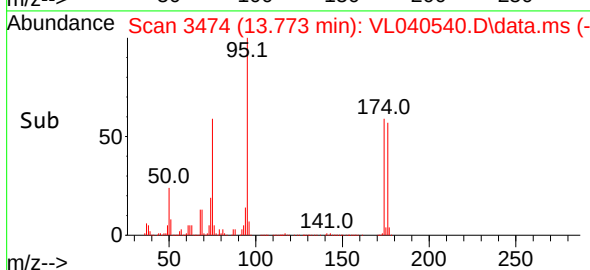
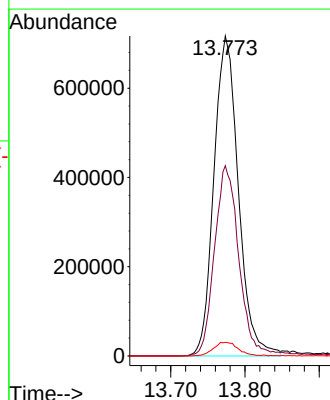
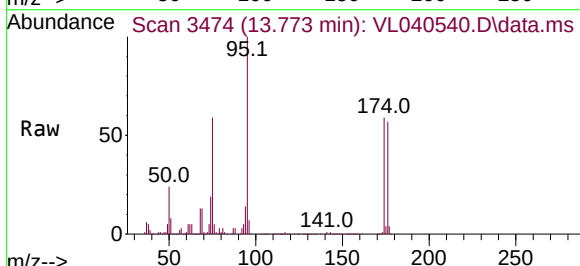
Tgt Ion: 95 Resp: 1642164

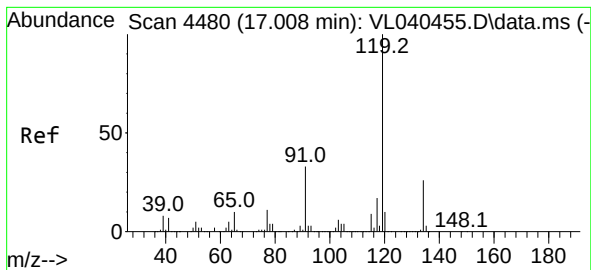
Ion Ratio Lower Upper

95 100

174 60.2 50.6 75.8

175 4.4 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.294 ppbv

RT: 16.995 min Scan# 4480

Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

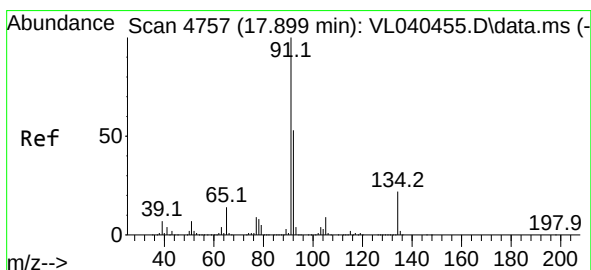
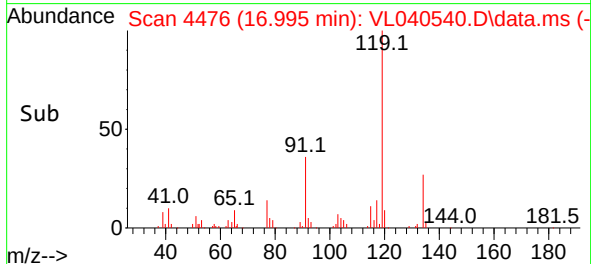
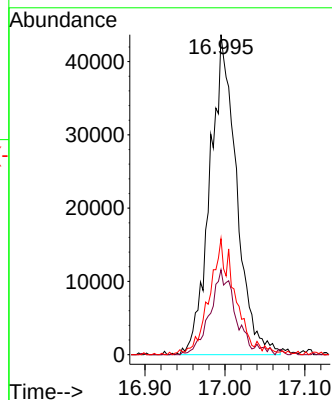
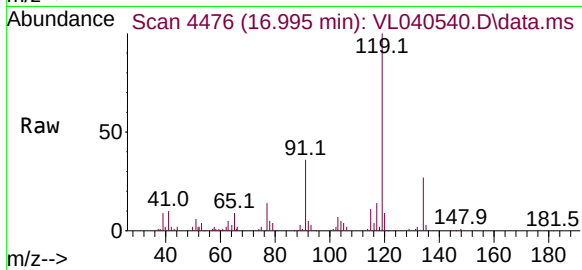
Tgt Ion:119 Resp: 101190

Ion Ratio Lower Upper

119 100

134 26.2 20.5 30.7

91 36.1 23.8 35.8#



#70

n-Butylbenzene

Concen: 0.308 ppbv

RT: 17.889 min Scan# 4754

Delta R.T. -0.007 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

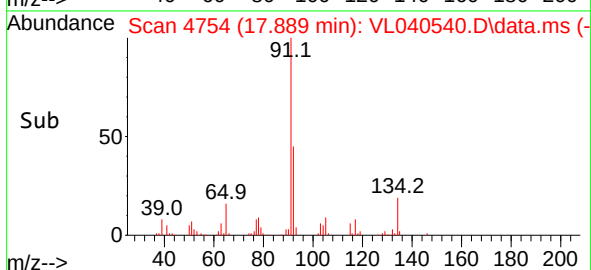
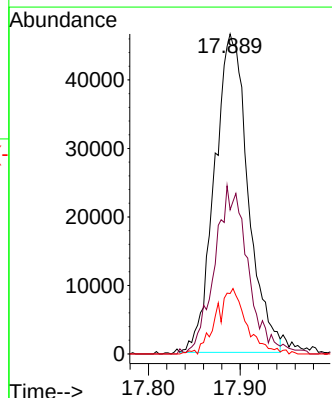
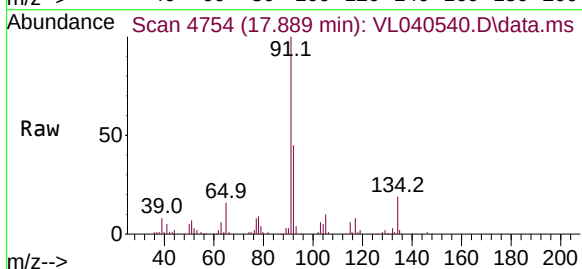
Tgt Ion: 91 Resp: 118260

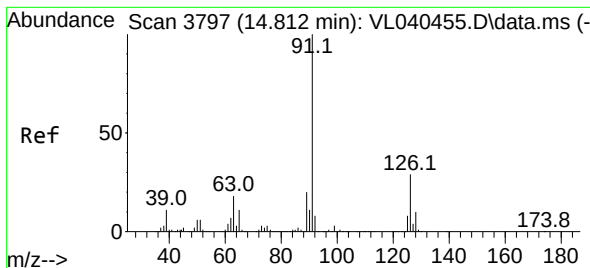
Ion Ratio Lower Upper

91 100

92 53.3 43.4 65.0

134 18.9 18.1 27.1

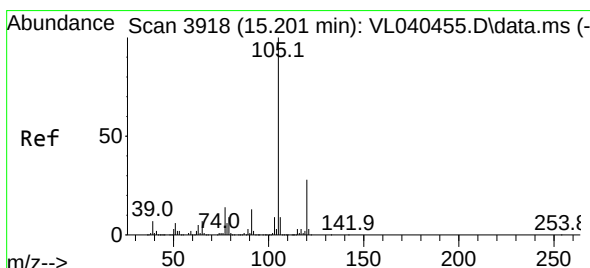
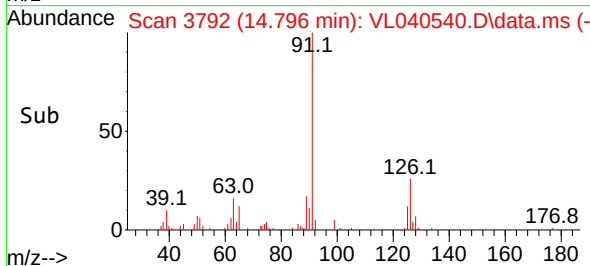
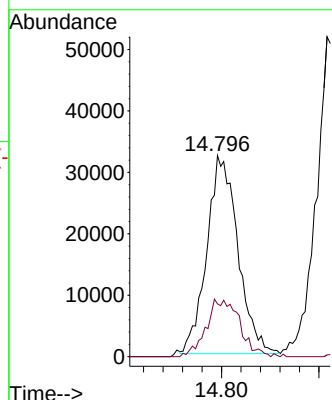
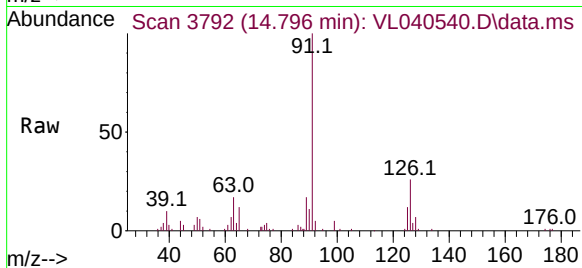




#71
2-Chlorotoluene
Concen: 0.289 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

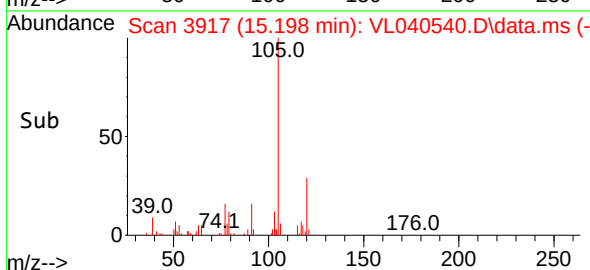
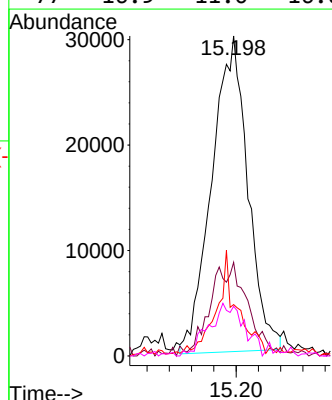
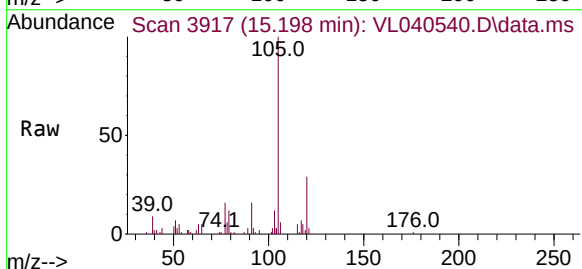
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

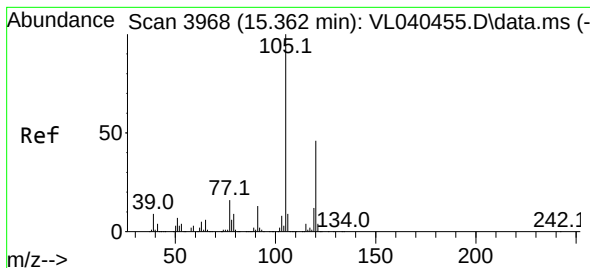
Tgt Ion: 91 Resp: 71400
Ion Ratio Lower Upper
91 100
126 31.2 12.4 49.8



#72
4-Ethyltoluene
Concen: 0.268 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.007 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 105 Resp: 67253
Ion Ratio Lower Upper
105 100
120 32.0 24.6 37.0
91 19.7 10.7 16.1#
77 16.9 11.0 16.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.276 ppbv

RT: 15.359 min Scan# 3967

Delta R.T. -0.003 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_1

ClientSampleId :

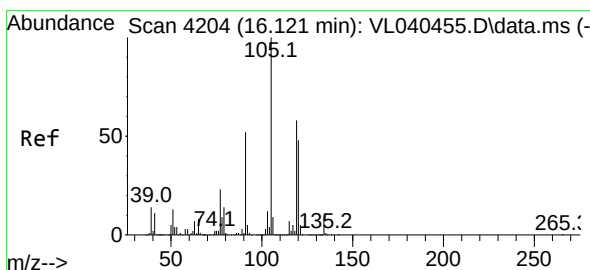
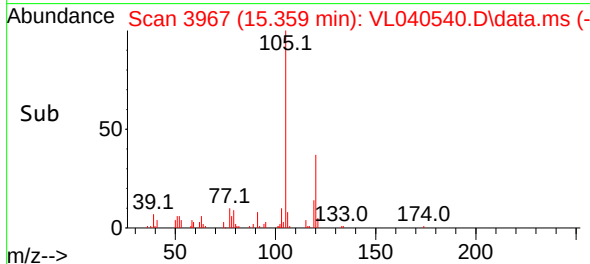
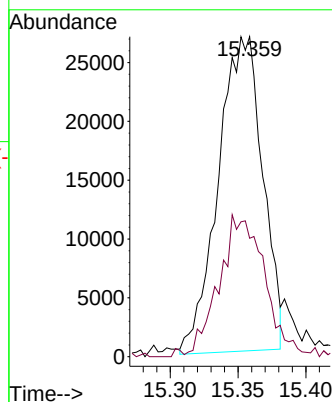
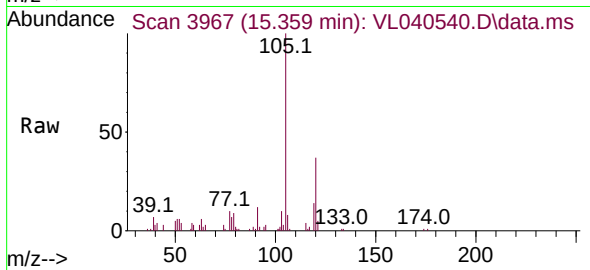
LOD-MDL-AIR-01-QT3-2023

Tgt Ion:105 Resp: 61028

Ion Ratio Lower Upper

105 100

120 35.8 38.2 57.2#



#74

1,2,4-Trimethylbenzene

Concen: 0.309 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Tgt Ion:105 Resp: 79738

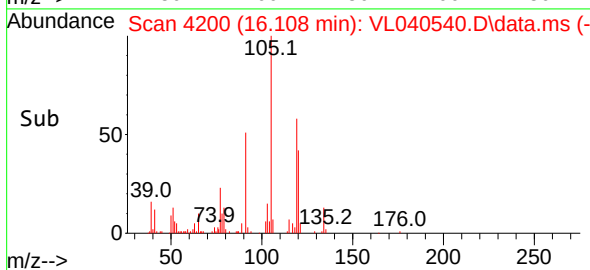
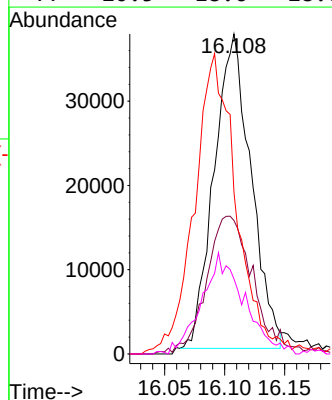
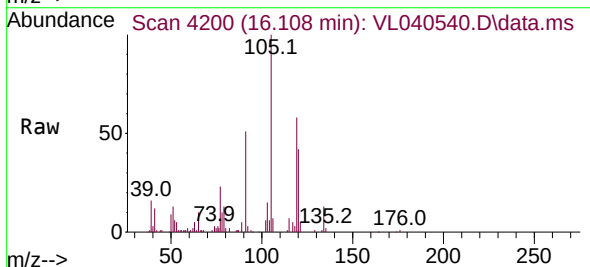
Ion Ratio Lower Upper

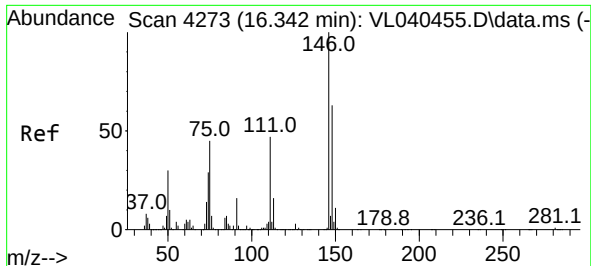
105 100

120 39.2 40.3 60.5#

91 46.1 46.8 70.2#

77 20.5 18.6 28.0

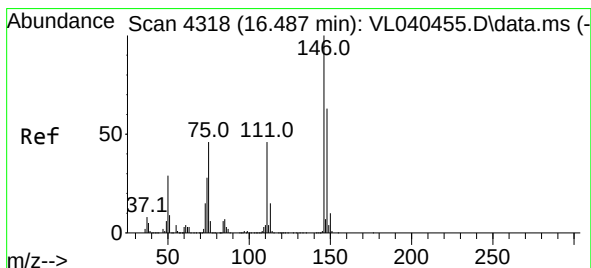
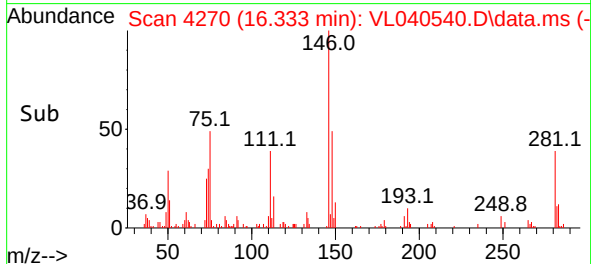
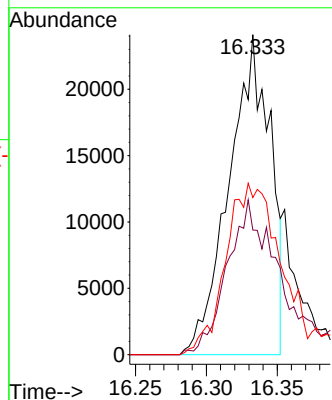
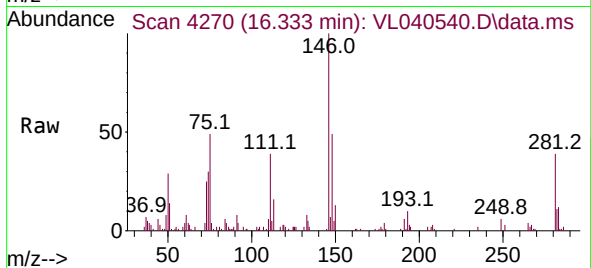




#75
1,3-Dichlorobenzene
Concen: 0.312 ppbv
RT: 16.333 min Scan# 4311
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

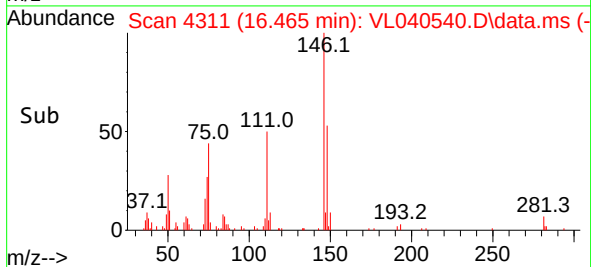
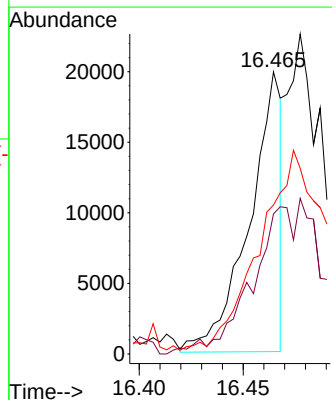
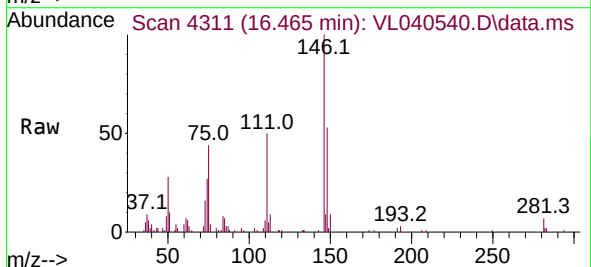
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

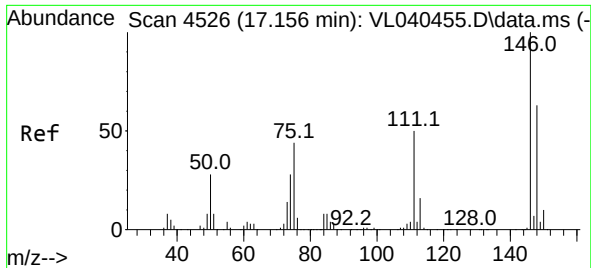
Tgt Ion:146 Resp: 48729
Ion Ratio Lower Upper
146 100
111 63.7 23.6 71.0
148 76.4 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 0.139 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. -0.023 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion:146 Resp: 21273
Ion Ratio Lower Upper
146 100
111 0.0 22.8 68.3#
148 0.0 32.6 97.8#

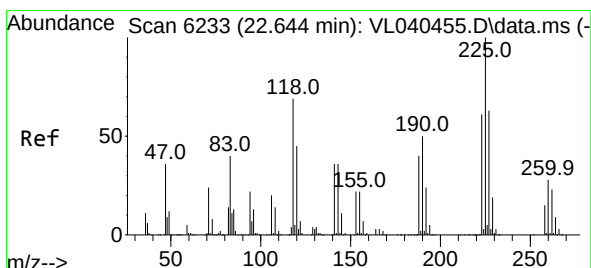
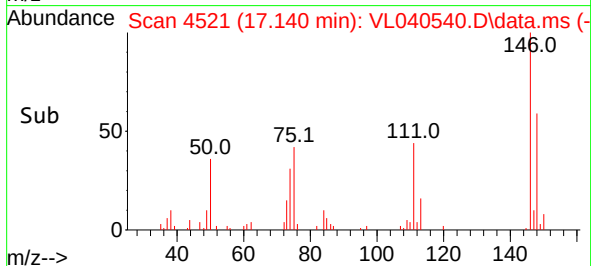
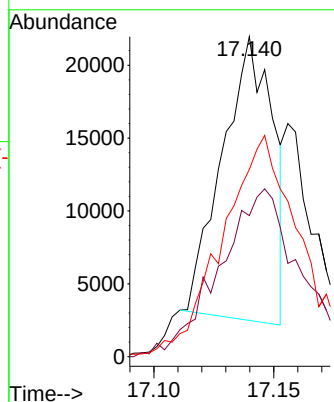
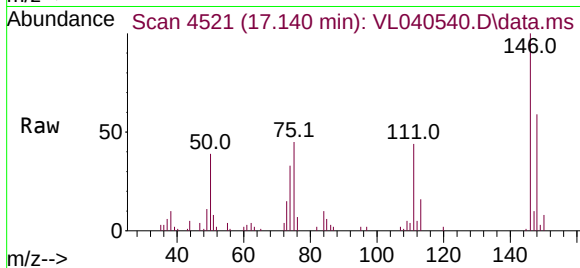




#77
1,2-Dichlorobenzene
Concen: 0.190 ppbv
RT: 17.140 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

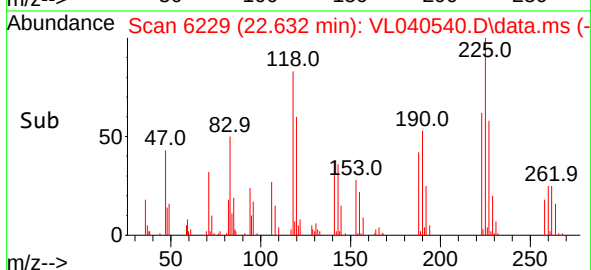
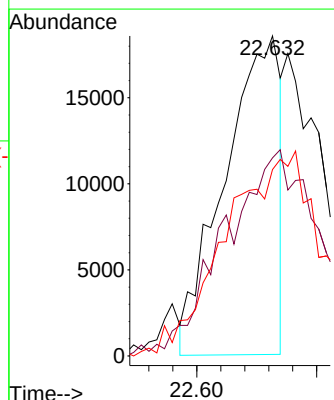
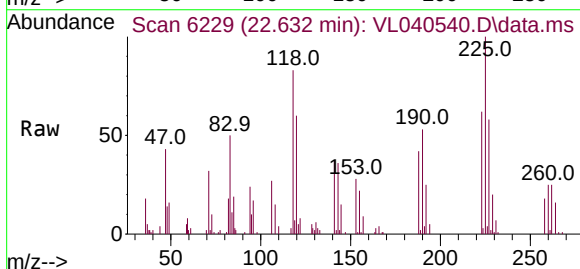
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

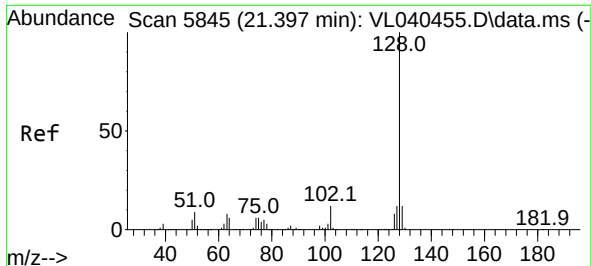
Tgt Ion:146 Resp: 28406
Ion Ratio Lower Upper
146 100
111 100.2 24.3 72.8#
148 130.4 32.1 96.3#



#78
Hexachloro-1,3-Butadiene
Concen: 0.212 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. -0.016 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion:225 Resp: 29719
Ion Ratio Lower Upper
225 100
223 0.0 50.3 75.5#
227 0.0 51.0 76.6#

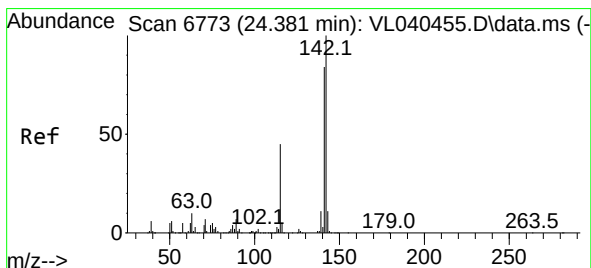
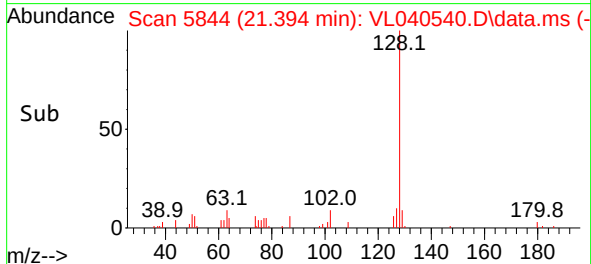
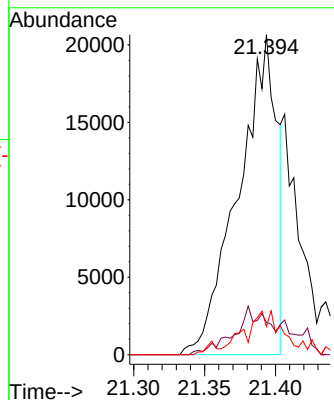
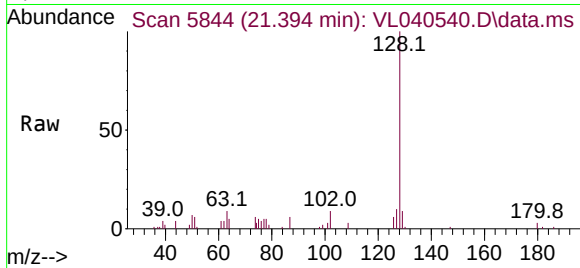




#79
Naphthalene
Concen: 0.179 ppbv
RT: 21.394 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

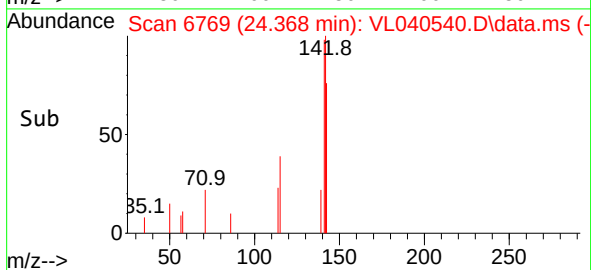
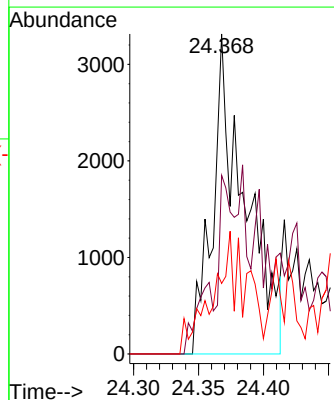
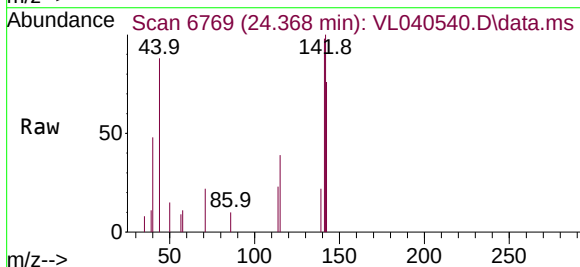
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

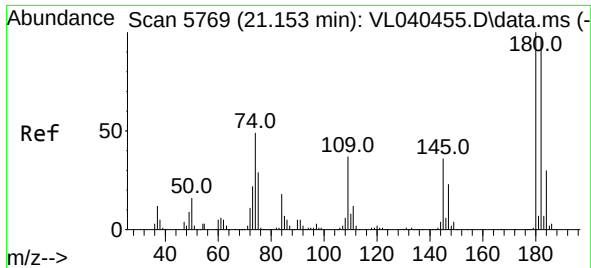
Tgt Ion:128 Resp: 39062
Ion Ratio Lower Upper
128 100
127 10.1 10.7 16.1#
129 8.8 9.2 13.8#



#80
Naphthalene,2-methyl-
Concen: 0.064 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion:142 Resp: 5715
Ion Ratio Lower Upper
142 100
141 140.6 66.7 100.1#
115 41.1 33.0 49.6





#81

1,2,4-Trichlorobenzene

Concen: 0.152 ppbv

RT: 21.140 min Scan# 5

Delta R.T. -0.010 min

Lab File: VL040540.D

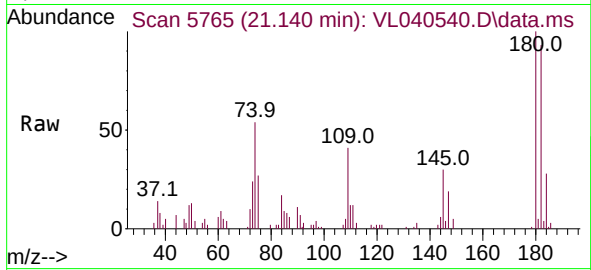
Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



Tgt Ion:180 Resp: 22844

Ion Ratio Lower Upper

180 100

182 178.2 77.5 116.3#

184 0.0 24.5 36.7#

