

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040801.D
 Acq On : 25 Oct 2023 15:36
 Operator : SY/MD
 Sample : 04699-15 0.45 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2023DL

Quant Time: Oct 26 03:52:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	949055	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2510272	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2331781	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1846100	10.760	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	99618	0.596	ppbv	90
3) Chlorodifluoromethane	2.690	51	79155	0.568	ppbv	99
4) Chloromethane	2.825	50	29229	0.531	ppbv	95
5) Vinyl Chloride	2.928	62	27895	0.490	ppbv	97
6) Bromomethane	3.131	94	9571	0.407	ppbv	91
7) Chloroethane	3.205	64	7609	0.411	ppbv	92
8) Dichlorotetrafluoroethane	2.870	85	71297	0.563	ppbv	98
9) Propene	2.706	41	29124	0.562	ppbv	98
10) Heptane	7.568	43	38088	0.293	ppbv #	59
11) Trichlorofluoromethane	3.568	101	73423	0.569	ppbv	87
12) 1,1,2-Trichlorotrifluo...	4.066	101	49386	0.537	ppbv	97
13) Ethanol	3.269	45	5849	0.500	ppbv	67
14) Bromoethene	3.372	108	13639	0.346	ppbv #	39
15) Acetone	3.488	43	80985	0.825	ppbv	95
16) 1,3-Butadiene	2.999	39	11868	0.231	ppbv #	1
17) tert-Butyl alcohol	3.896	59	43191	0.429	ppbv #	94
18) 1,1-Dichloroethene	3.883	96	20681	0.502	ppbv	89
19) Isopropyl Alcohol	3.600	45	33315	0.527	ppbv #	52
20) Methylene Chloride	3.935	84	48087	1.177	ppbv	96
21) Allyl Chloride	3.999	41	31952	0.494	ppbv #	77
22) trans-1,2-Dichloroethene	4.449	96	21488	0.490	ppbv #	72
23) Vinyl Acetate	4.629	43	49506	0.396	ppbv #	92
24) 1,1-Dichloroethane	4.562	63	45386	0.481	ppbv	96
25) Ethyl Acetate	5.208	43	106491	0.495	ppbv	99
26) Hexane	5.211	57	30312	0.309	ppbv #	2
27) Carbon Disulfide	4.128	76	46484	0.429	ppbv #	71
28) Methyl tert-Butyl Ether	4.594	73	31488	0.412	ppbv	93
29) Chloroform	5.269	83	75996	0.535	ppbv	95
30) Cyclohexane	6.594	84	36311	0.434	ppbv	89
31) cis-1,2-Dichloroethene	5.073	61	42957	0.474	ppbv	92
32) 1,1,1-Trichloroethane	5.992	97	74466	0.492	ppbv	99
34) 2-Butanone	4.793	43	63983	0.563	ppbv	95
35) Carbon Tetrachloride	6.484	117	70771	0.502	ppbv	96
36) Benzene	6.365	78	49557	0.257	ppbv	96
37) 1,2-Dichloroethane	5.800	62	54860	0.555	ppbv	98
38) Trichloroethene	7.282	130	37698	0.441	ppbv	98
39) 1,2-Dichloropropane	7.060	63	23739	0.315	ppbv	98
40) 1,4-Dioxane	7.301	88	5002	0.175	ppbv #	1
41) Tetrahydrofuran	5.574	42	32410	0.412	ppbv #	86
42) Bromodichloromethane	7.240	83	79304	0.535	ppbv	92
43) Methyl Methacrylate	7.468	69	35535	0.460	ppbv	99
44) 2,2,4-Trimethylpentane	7.314	57	104436	0.320	ppbv #	42
45) t-1,3-Dichloropropene	8.687	75	4929	0.080	ppbv	92

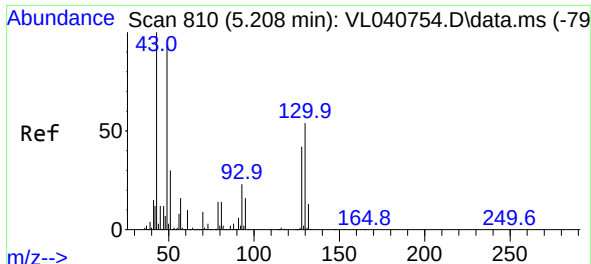
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
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Quant Time: Oct 26 03:52:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	30530	0.405	ppbv	95
47) 1,1,2-Trichloroethane	8.880	97	19129	0.241	ppbv	94
48) Dibromochloromethane	9.696	129	59108	0.445	ppbv	99
49) Bromoform	12.391	173	43851	0.406	ppbv	98
50) 4-Methyl-2-Pentanone	8.192	43	89505	0.460	ppbv	97
51) 2-Hexanone	9.555	43	20443	0.138	ppbv #	1
52) Tetrachloroethene	10.597	164	34675	0.442	ppbv	93
53) Toluene	9.205	91	104273	0.454	ppbv	97
54) 1,2-Dibromoethane	9.995	107	52668	0.474	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.494	131	47012	0.494	ppbv #	68
57) Chlorobenzene	11.510	112	54755	0.328	ppbv	97
58) Ethyl Benzene	12.069	91	139596	0.475	ppbv #	83
59) m/p-Xylene	12.343	91	43099	0.178	ppbv #	30
60) o-Xylene	13.044	91	117451	0.510	ppbv	100
61) Styrene	12.880	104	54736	0.429	ppbv	96
62) Isopropylbenzene	14.011	105	188338	0.532	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.024	83	36484	0.211	ppbv #	22
64) n-propylbenzene	14.902	120	26799	0.282	ppbv #	1
65) tert-Butylbenzene	16.072	119	160860	0.504	ppbv	90
66) Benzyl Chloride	16.301	91	1317	0.041	ppbv #	56
67) sec-Butylbenzene	16.616	105	223357	0.511	ppbv	95
69) p-Isopropyltoluene	16.979	119	164667	0.449	ppbv #	93
70) n-Butylbenzene	17.873	91	180844	0.502	ppbv	98
71) 2-Chlorotoluene	14.786	91	135110	0.508	ppbv	94
72) 4-Ethyltoluene	15.179	105	132780	0.492	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.336	105	115363	0.486	ppbv	86
74) 1,2,4-Trimethylbenzene	16.089	105	133368	0.514	ppbv #	90
75) 1,3-Dichlorobenzene	16.317	146	46170	0.286	ppbv #	36
76) 1,4-Dichlorobenzene	16.458	146	50746	0.318	ppbv #	51
77) 1,2-Dichlorobenzene	17.121	146	29922	0.189	ppbv #	23
78) Hexachloro-1,3-Butadiene	22.603	225	13316	0.118	ppbv #	18
79) Naphthalene	21.362	128	16588	0.079	ppbv #	96

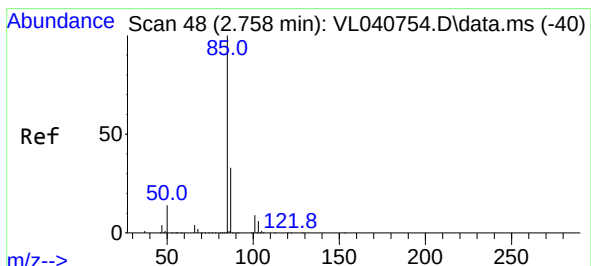
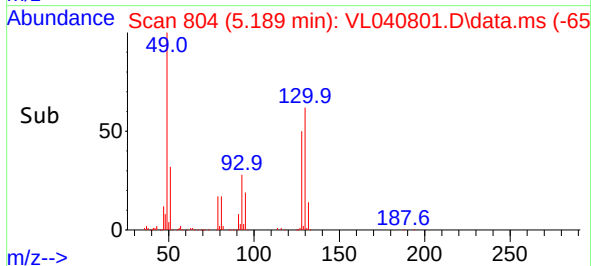
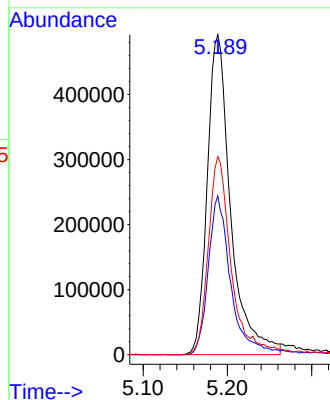
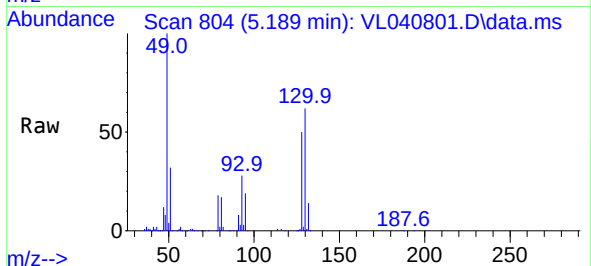
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.019 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

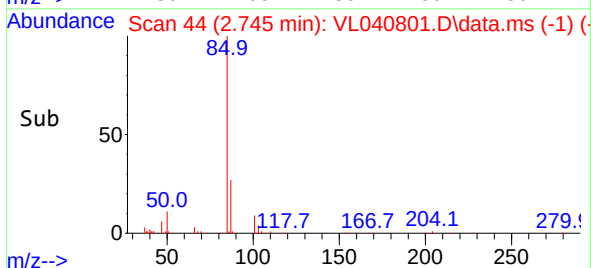
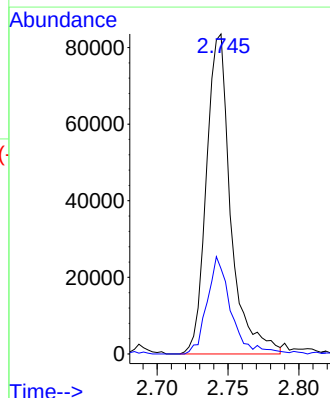
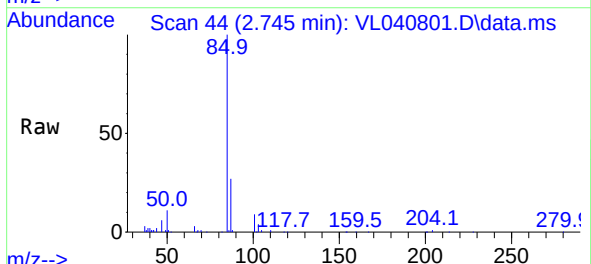
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 49 Resp: 949055
Ion Ratio Lower Upper
49 100
128 48.9 23.9 71.7
130 62.8 30.7 92.1

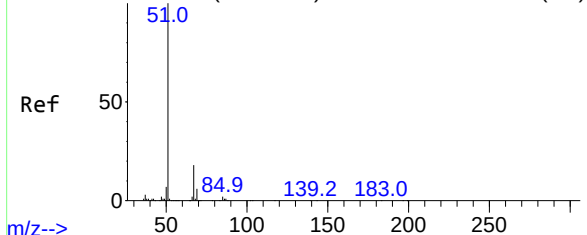


#2
Dichlorodifluoromethane
Concen: 0.596 ppbv
RT: 2.745 min Scan# 44
Delta R.T. -0.013 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 85 Resp: 99618
Ion Ratio Lower Upper
85 100
87 26.7 26.0 39.0



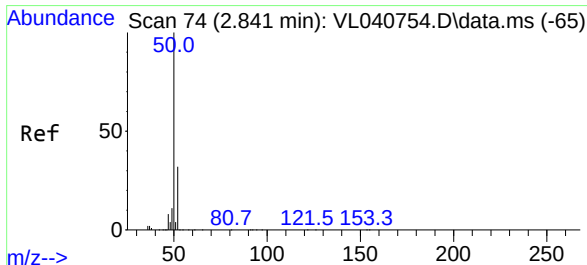
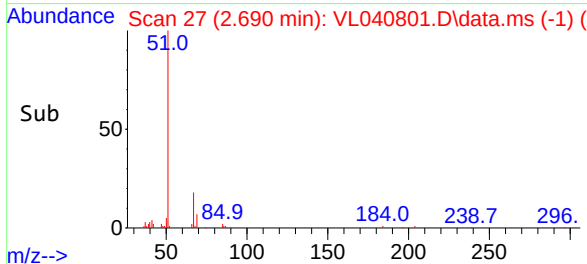
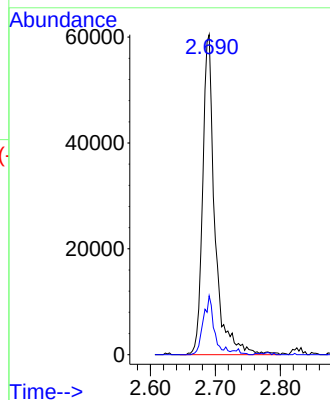
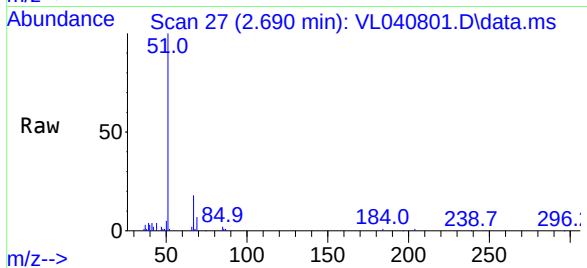
Abundance Scan 31 (2.703 min): VL040754.D\data.ms (-19)



#3
Chlorodifluoromethane
Concen: 0.568 ppbv
RT: 2.690 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

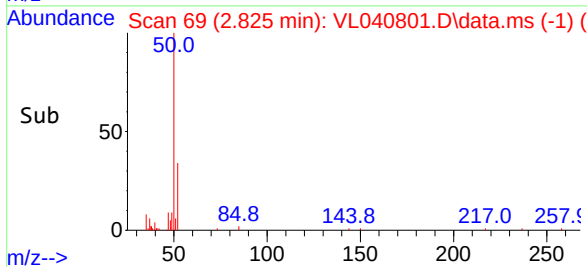
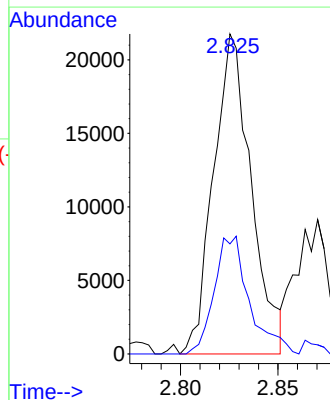
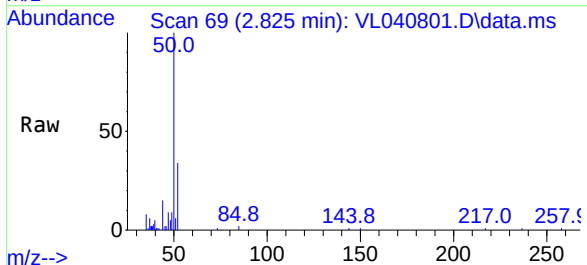
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

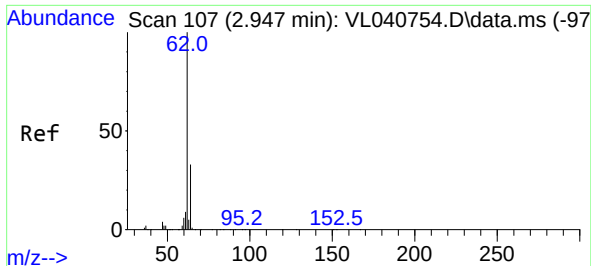
Tgt Ion: 51 Resp: 79155
Ion Ratio Lower Upper
51 100
67 17.5 13.8 20.6



#4
Chloromethane
Concen: 0.531 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.016 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 50 Resp: 29229
Ion Ratio Lower Upper
50 100
52 34.4 25.3 37.9

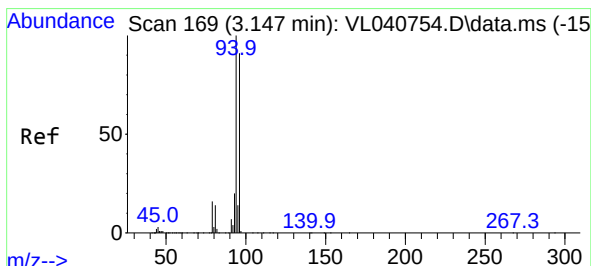
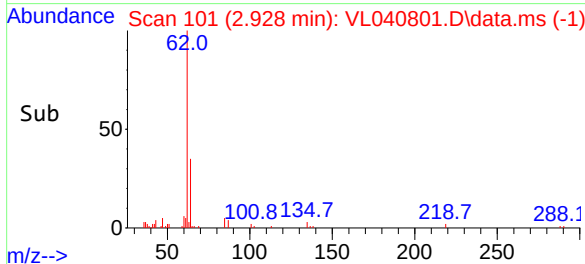
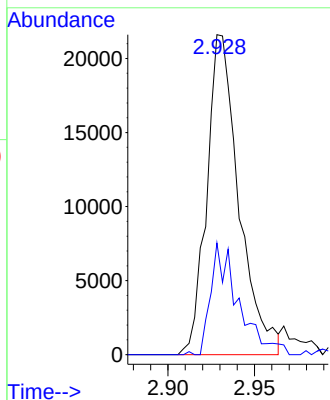
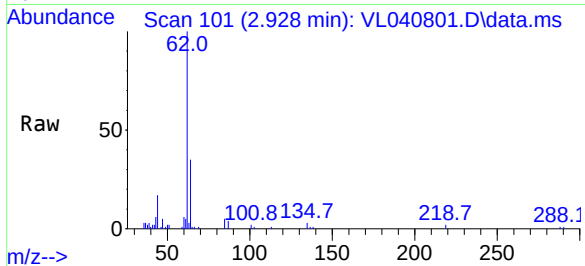




#5
Vinyl Chloride
Concen: 0.490 ppbv
RT: 2.928 min Scan# 107
Delta R.T. -0.019 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

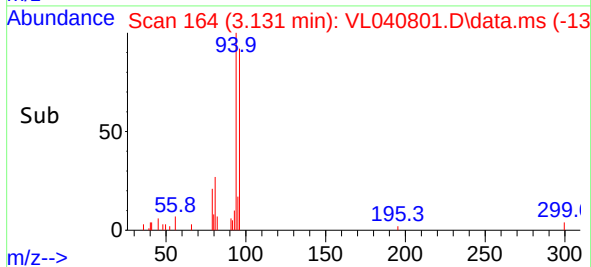
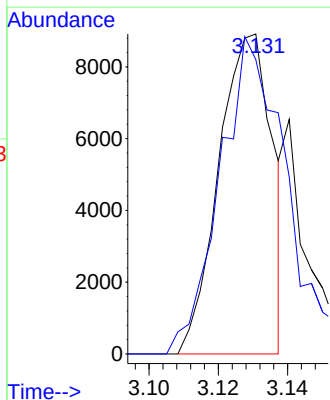
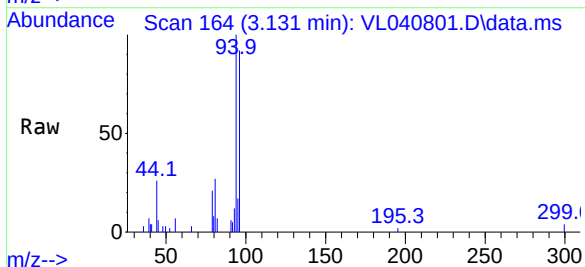
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

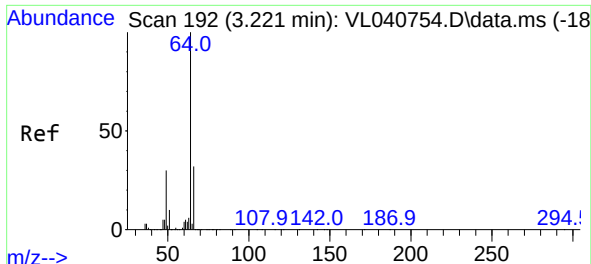
Tgt Ion: 62 Resp: 27895
Ion Ratio Lower Upper
62 100
64 34.9 26.6 39.8



#6
Bromomethane
Concen: 0.407 ppbv
RT: 3.131 min Scan# 164
Delta R.T. -0.016 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 94 Resp: 9571
Ion Ratio Lower Upper
94 100
96 82.0 72.6 109.0

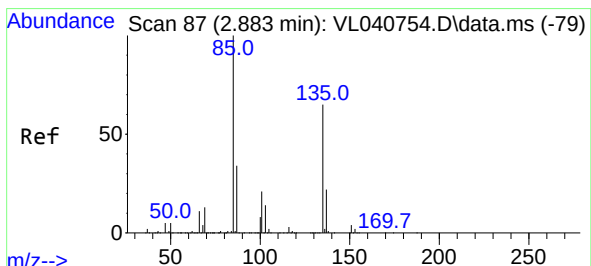
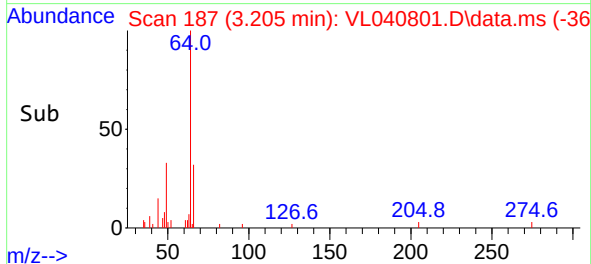
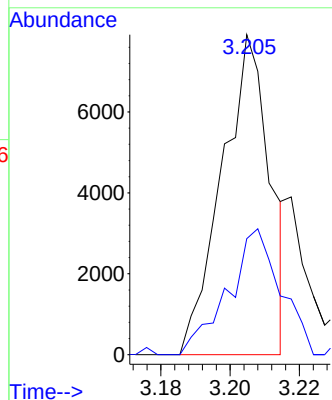
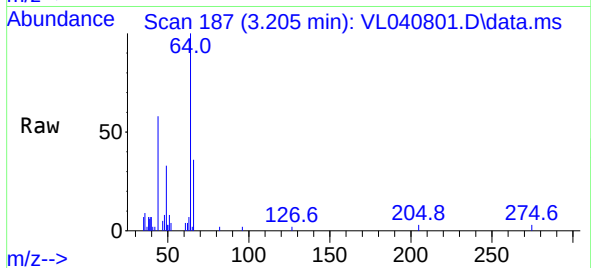




#7
Chloroethane
Concen: 0.411 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

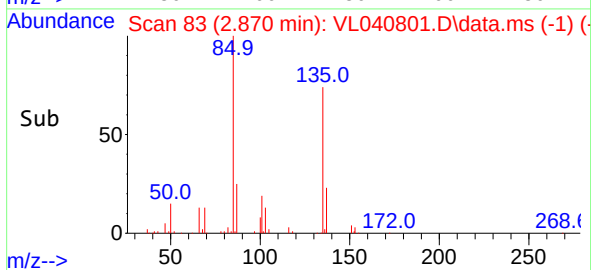
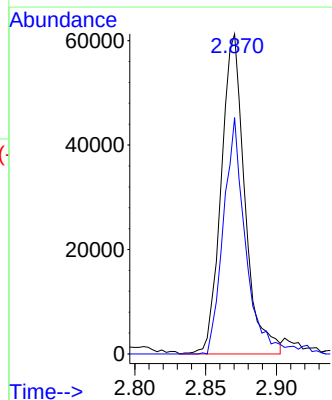
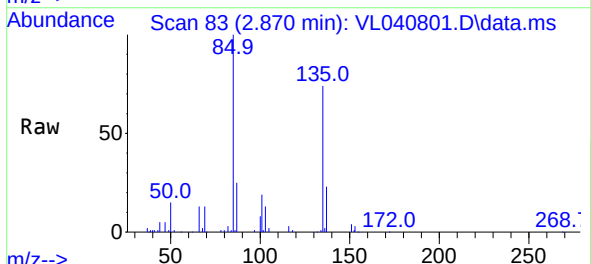
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

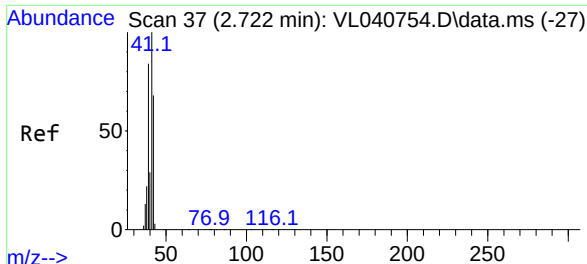
Tgt Ion: 64 Resp: 7609
Ion Ratio Lower Upper
64 100
66 36.3 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 0.563 ppbv
RT: 2.870 min Scan# 83
Delta R.T. -0.013 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 85 Resp: 71297
Ion Ratio Lower Upper
85 100
135 70.7 55.4 83.2





#9

Propene

Concen: 0.562 ppbv

RT: 2.706 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

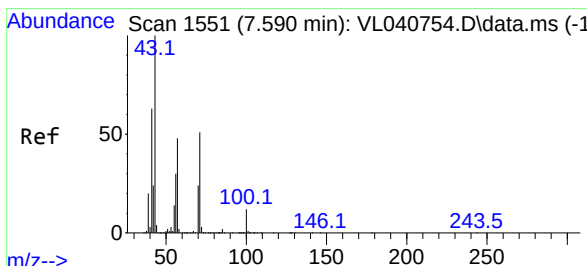
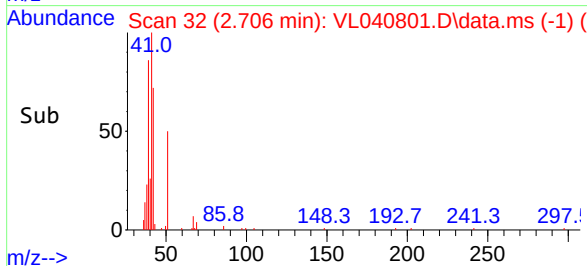
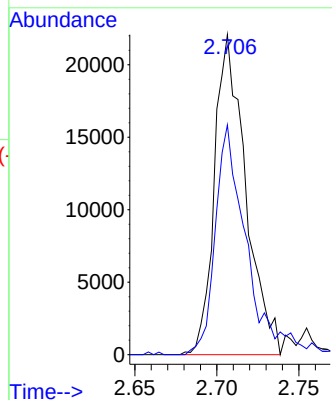
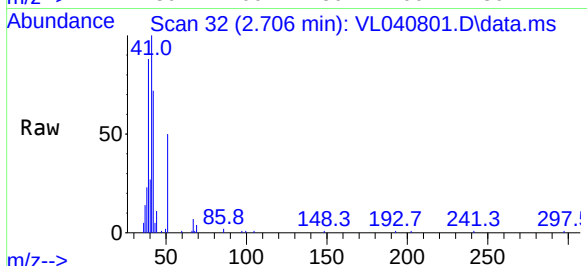
MDL-AIR-03-QT4-2023DL

Tgt Ion: 41 Resp: 29124

Ion Ratio Lower Upper

41 100

42 73.5 57.1 85.7



#10

Heptane

Concen: 0.293 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. -0.022 min

Lab File: VL040801.D

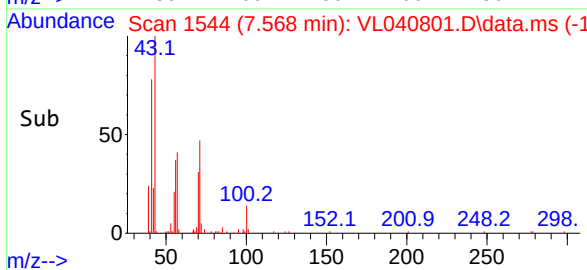
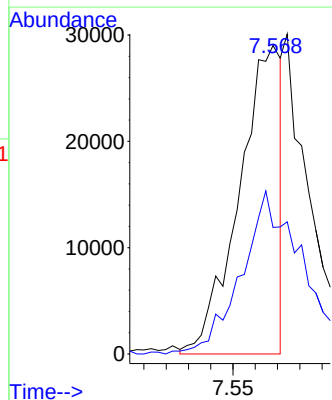
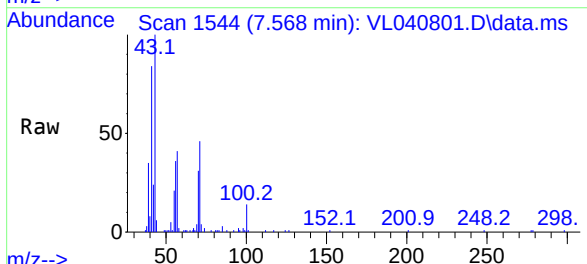
Acq: 25 Oct 2023 15:36

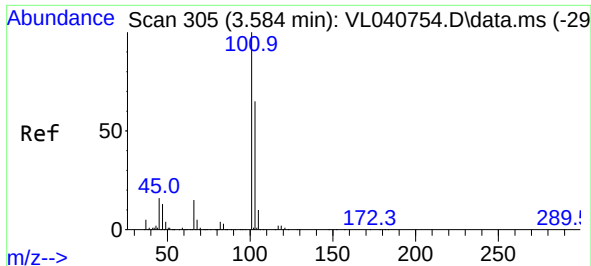
Tgt Ion: 43 Resp: 38088

Ion Ratio Lower Upper

43 100

57 78.3 40.0 60.0#

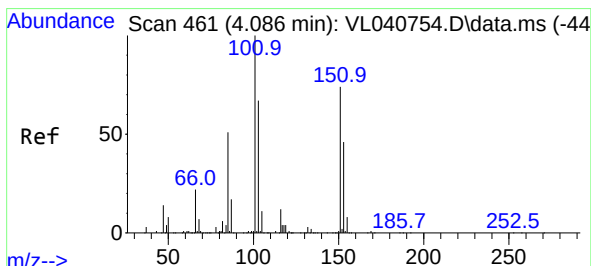
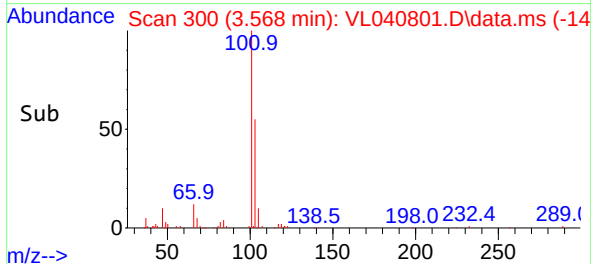
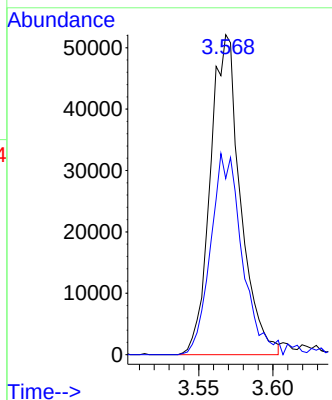
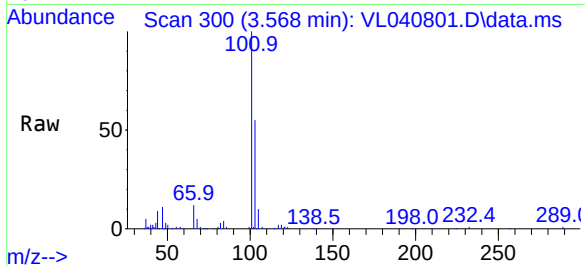




#11
 Trichlorofluoromethane
 Concen: 0.569 ppbv
 RT: 3.568 min Scan# 305
 Delta R.T. -0.016 min
 Lab File: VL040801.D
 Acq: 25 Oct 2023 15:36

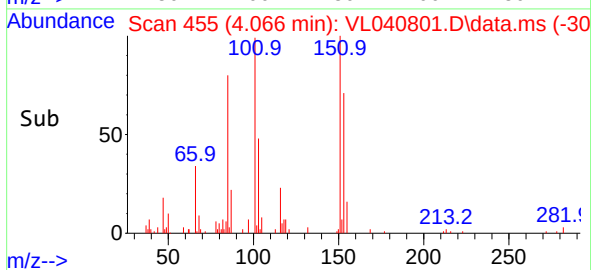
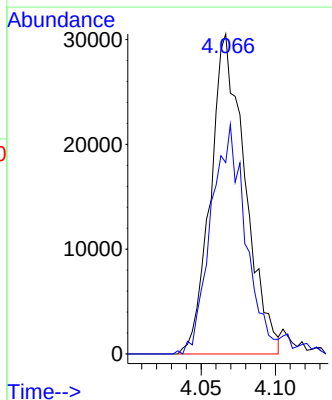
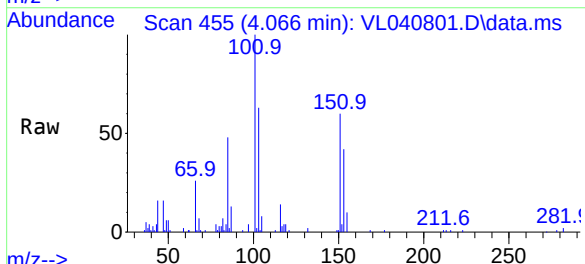
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2023DL

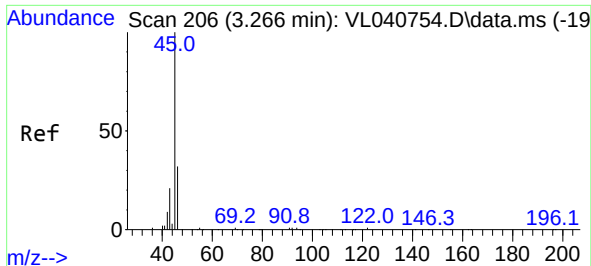
Tgt Ion:101 Resp: 73423
 Ion Ratio Lower Upper
 101 100
 103 55.0 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.537 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.019 min
 Lab File: VL040801.D
 Acq: 25 Oct 2023 15:36

Tgt Ion:101 Resp: 49386
 Ion Ratio Lower Upper
 101 100
 151 75.4 58.1 87.1

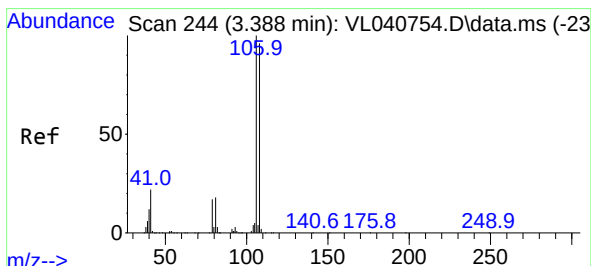
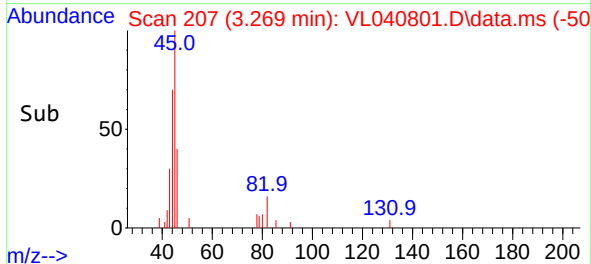
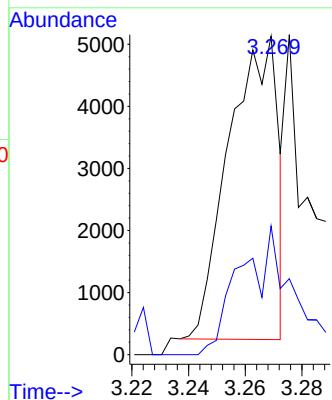
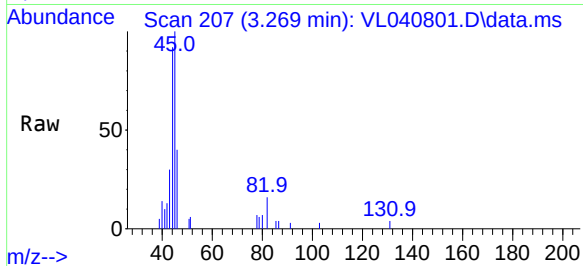




#13
Ethanol
Concen: 0.500 ppbv
RT: 3.269 min Scan# 206
Delta R.T. 0.003 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

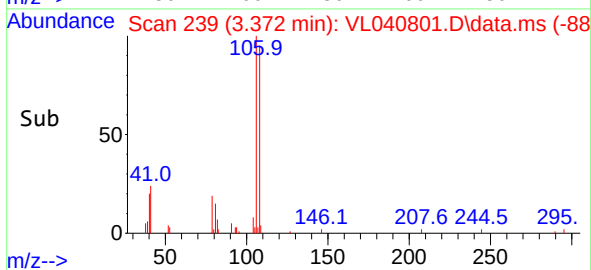
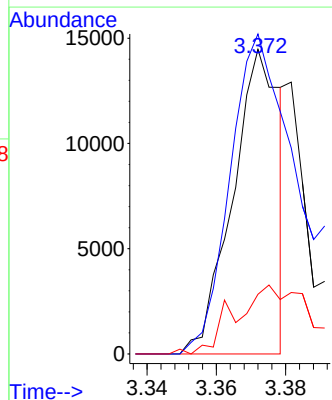
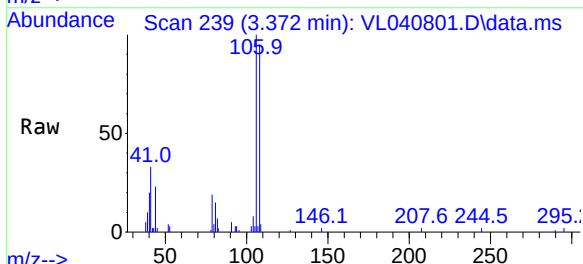
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

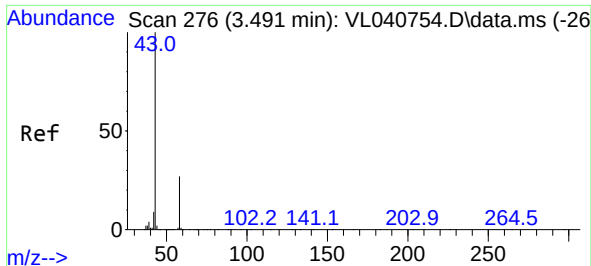
Tgt Ion: 45 Resp: 5849
Ion Ratio Lower Upper
45 100
46 55.7 14.6 58.2



#14
Bromoethene
Concen: 0.346 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.016 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion:108 Resp: 13639
Ion Ratio Lower Upper
108 100
106 173.8 85.2 127.8#
79 38.9 15.7 23.5#

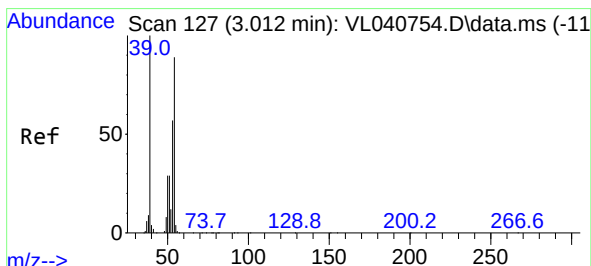
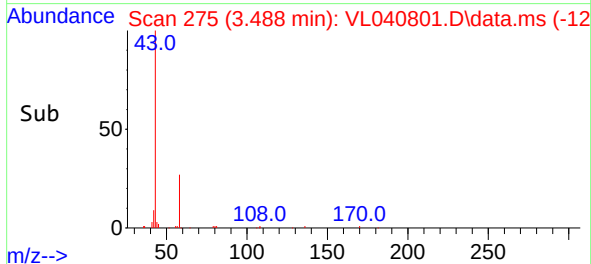
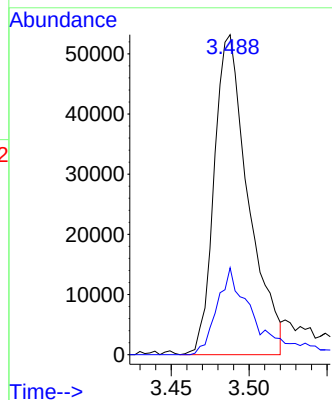
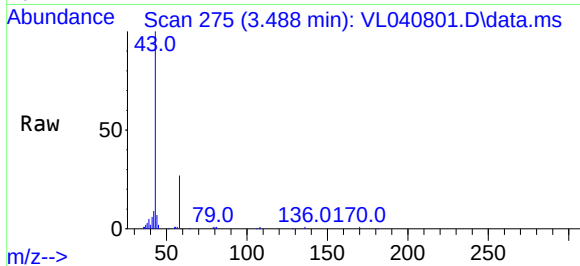




#15
Acetone
Concen: 0.825 ppbv
RT: 3.488 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

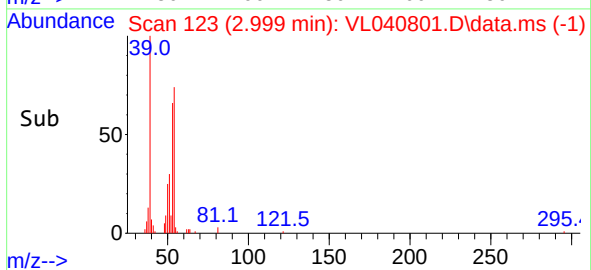
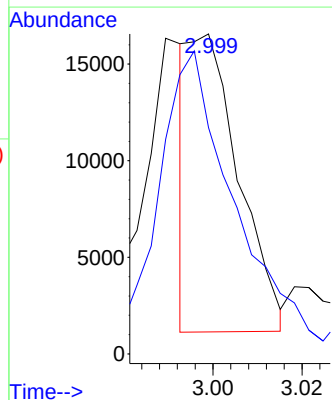
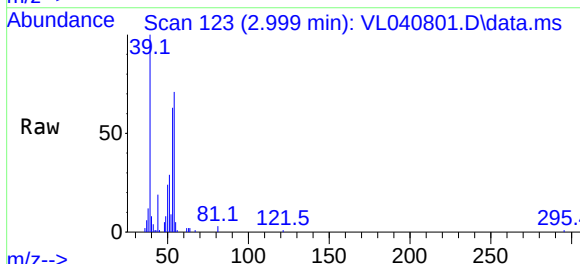
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

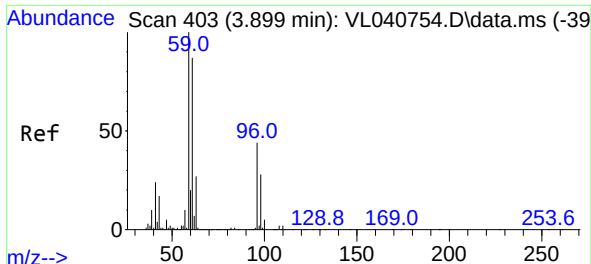
Tgt Ion: 43 Resp: 80985
Ion Ratio Lower Upper
43 100
58 29.5 21.6 32.4



#16
1,3-Butadiene
Concen: 0.231 ppbv
RT: 2.999 min Scan# 123
Delta R.T. -0.013 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 39 Resp: 11868
Ion Ratio Lower Upper
39 100
54 177.6 63.0 94.6#





#17

tert-Butyl alcohol

Concen: 0.429 ppbv

RT: 3.896 min Scan# 40

Delta R.T. -0.003 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

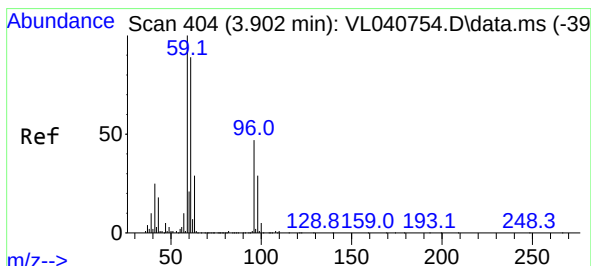
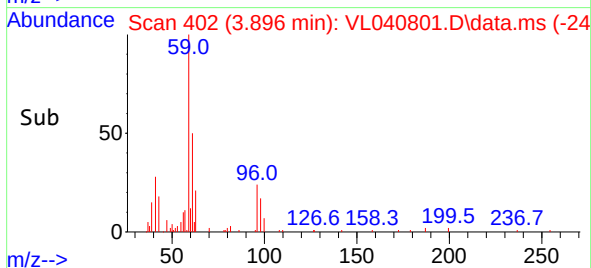
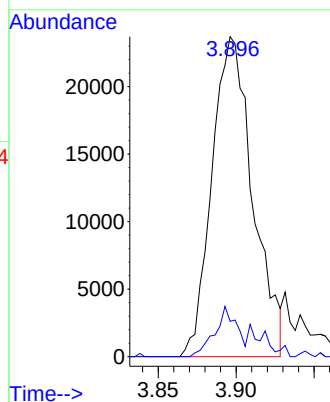
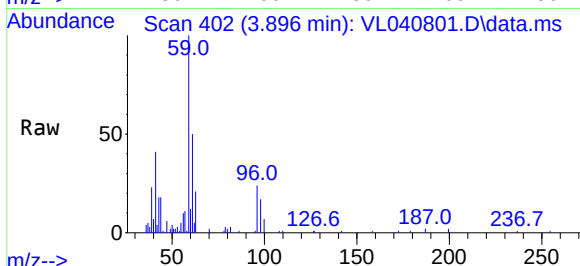
MDL-AIR-03-QT4-2023DL

Tgt Ion: 59 Resp: 43191

Ion Ratio Lower Upper

59 100

57 13.1 8.6 13.0#



#18

1,1-Dichloroethene

Concen: 0.502 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.019 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

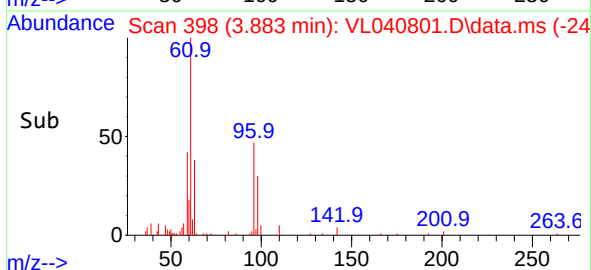
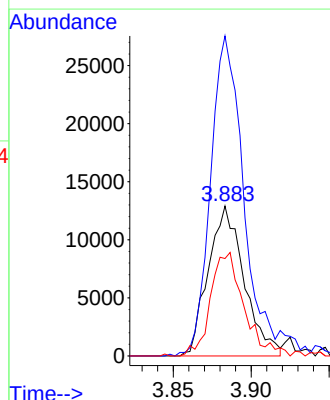
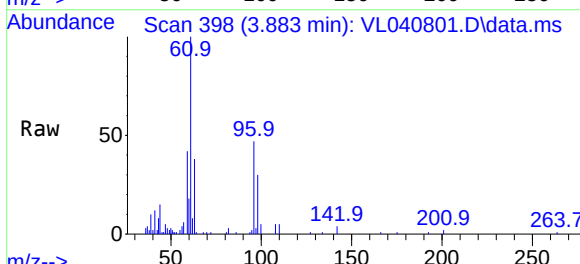
Tgt Ion: 96 Resp: 20681

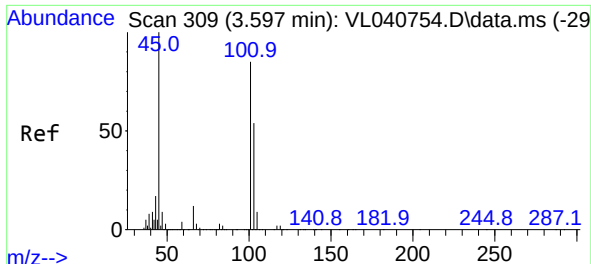
Ion Ratio Lower Upper

96 100

61 211.1 152.5 228.7

98 65.0 49.6 74.4





#19

Isopropyl Alcohol

Concen: 0.527 ppbv

RT: 3.600 min Scan# 310

Delta R.T. 0.003 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

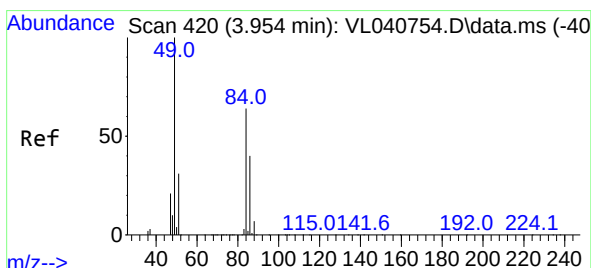
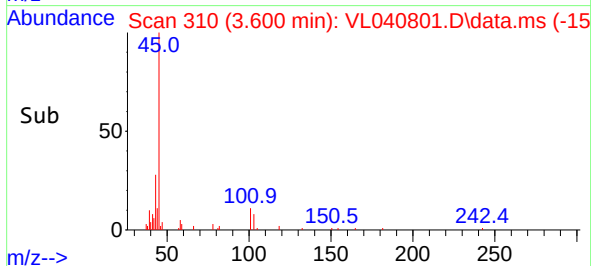
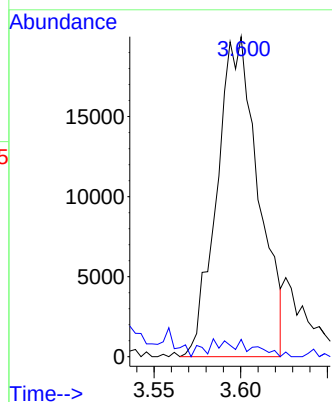
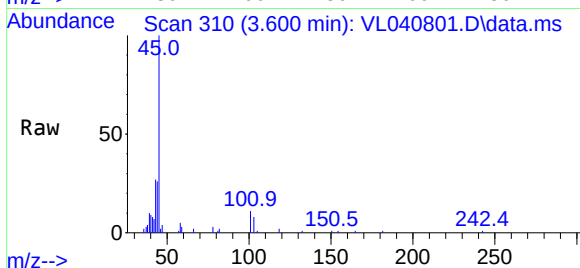
MDL-AIR-03-QT4-2023DL

Tgt Ion: 45 Resp: 33315

Ion Ratio Lower Upper

45 100

58 8.8 30.3 45.5#



#20

Methylene Chloride

Concen: 1.177 ppbv

RT: 3.935 min Scan# 414

Delta R.T. -0.019 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

Tgt Ion: 84 Resp: 48087

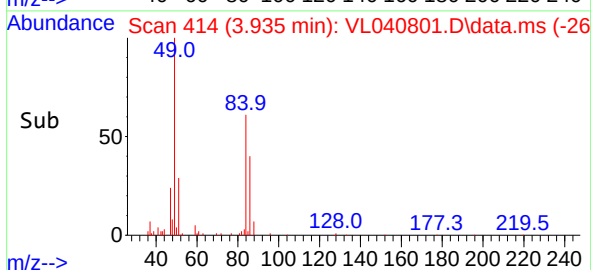
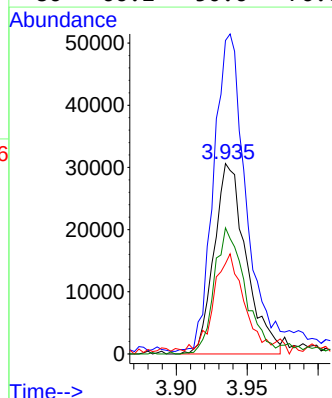
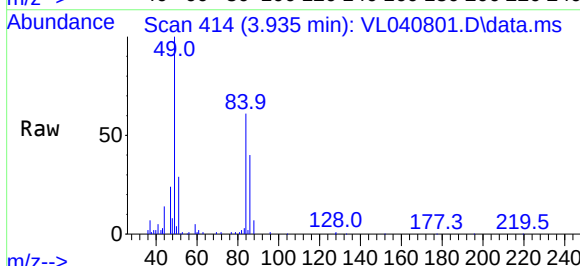
Ion Ratio Lower Upper

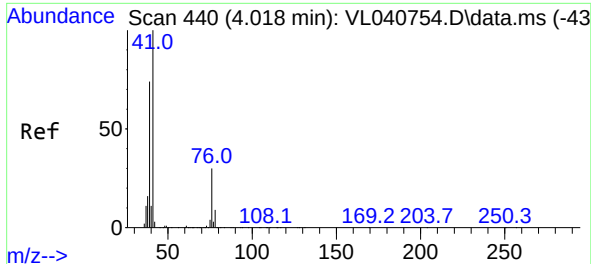
84 100

49 162.3 125.6 188.4

51 46.0 38.9 58.3

86 66.2 50.6 76.0





#21

Allyl Chloride

Concen: 0.494 ppbv

RT: 3.999 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL

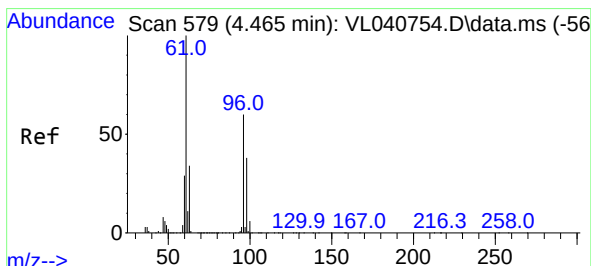
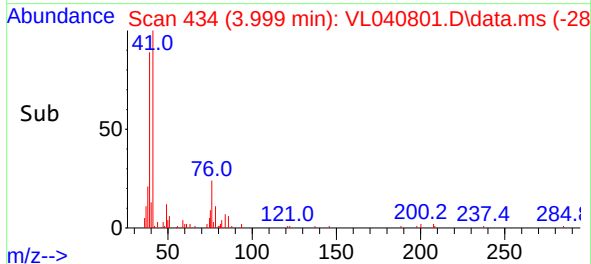
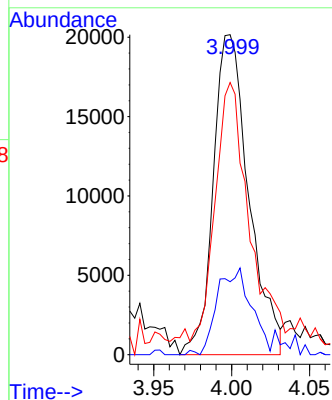
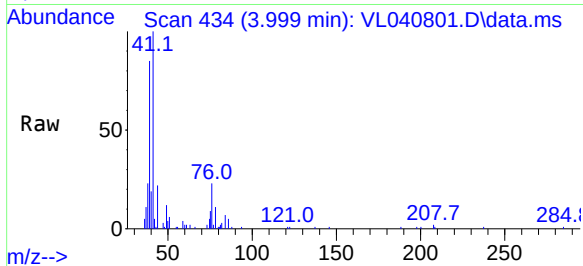
Tgt Ion: 41 Resp: 31952

Ion Ratio Lower Upper

41 100

76 29.0 24.1 36.1

39 106.4 63.8 95.6#



#22

trans-1,2-Dichloroethene

Concen: 0.490 ppbv

RT: 4.449 min Scan# 574

Delta R.T. -0.016 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

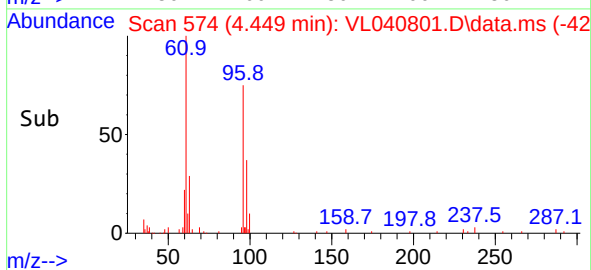
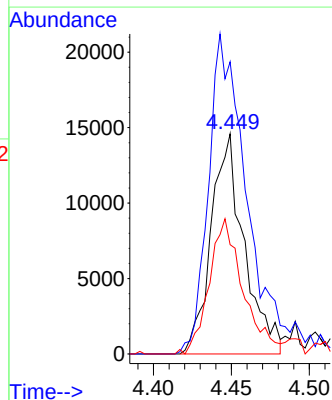
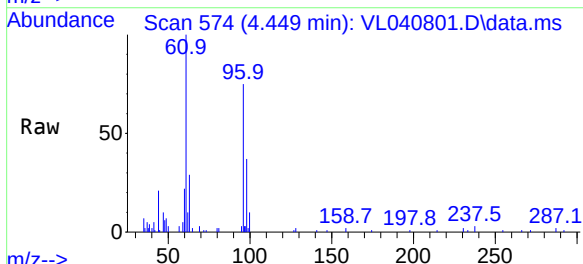
Tgt Ion: 96 Resp: 21488

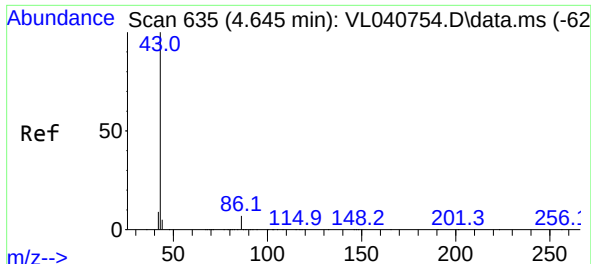
Ion Ratio Lower Upper

96 100

61 126.1 134.0 201.0#

98 45.6 51.0 76.4#

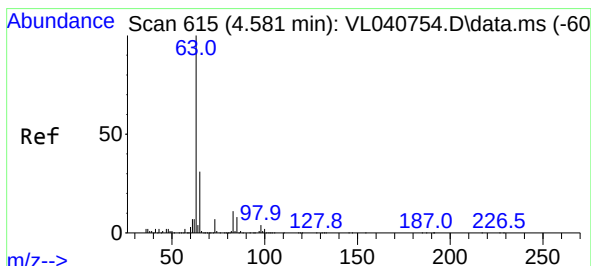
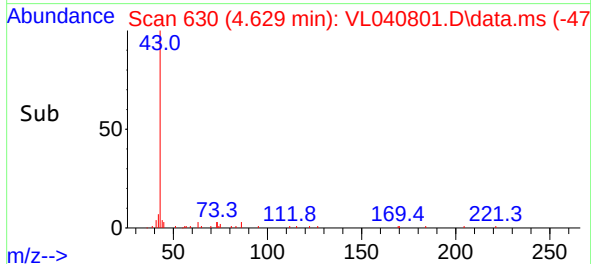
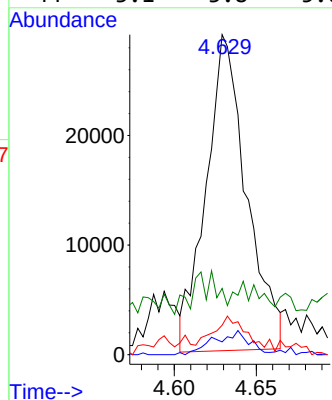
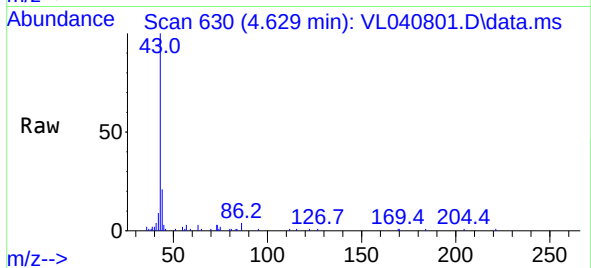




#23
 Vinyl Acetate
 Concen: 0.396 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. -0.016 min
 Lab File: VL040801.D
 Acq: 25 Oct 2023 15:36

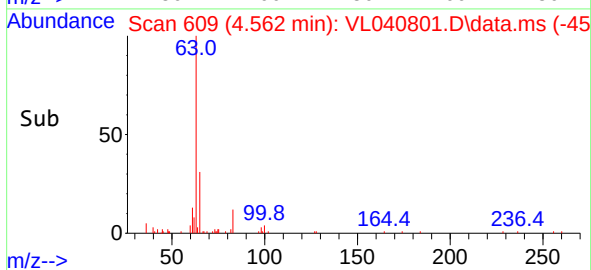
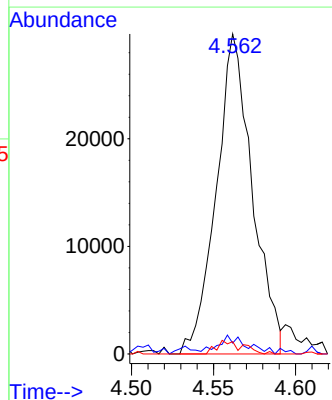
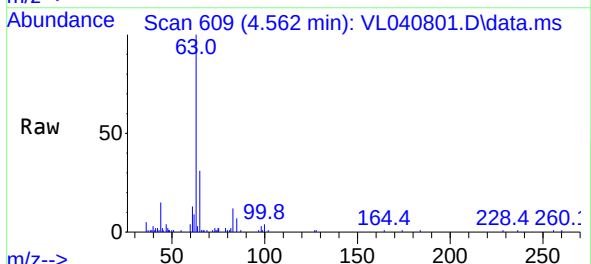
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2023DL

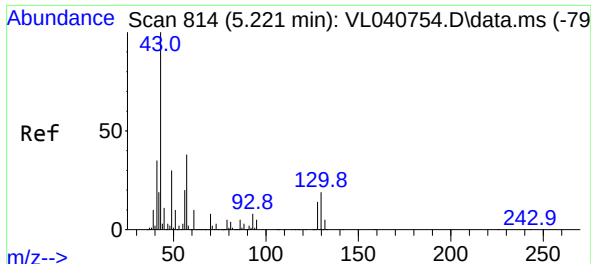
Tgt Ion: 43	Resp: 49506
Ion Ratio	Lower Upper
43 100	
86 3.8	4.9 7.3#
42 6.3	7.8 11.6#
44 3.1	3.8 5.6#



#24
 1,1-Dichloroethane
 Concen: 0.481 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.019 min
 Lab File: VL040801.D
 Acq: 25 Oct 2023 15:36

Tgt Ion: 63	Resp: 45386
Ion Ratio	Lower Upper
63 100	
98 2.6	2.0 5.8
100 3.7	1.3 3.8



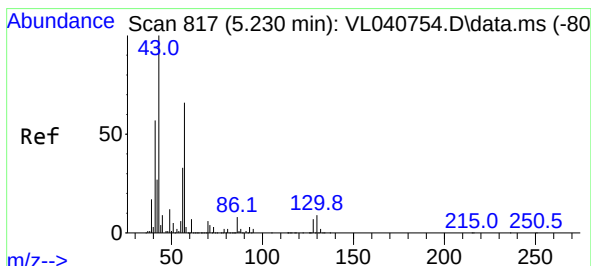
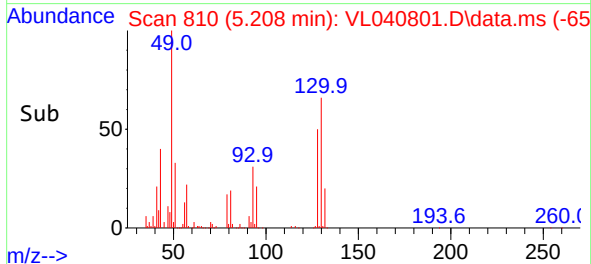
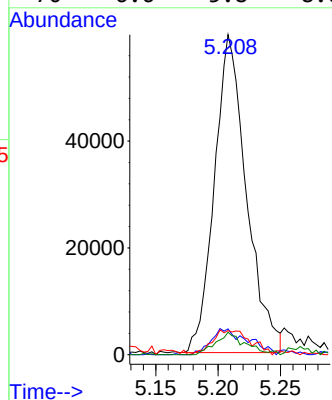
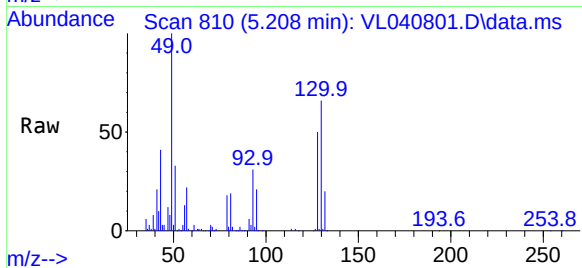


#25
Ethyl Acetate
Concen: 0.495 ppbv
RT: 5.208 min Scan# 814
Delta R.T. -0.013 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 43 Resp: 106491

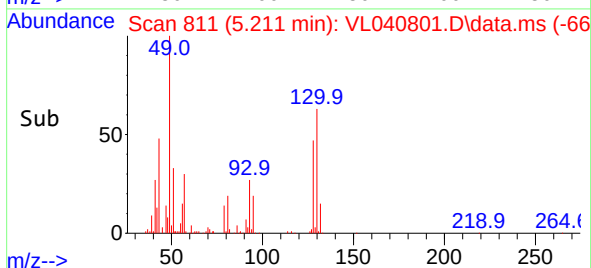
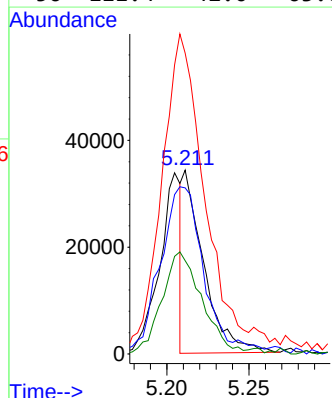
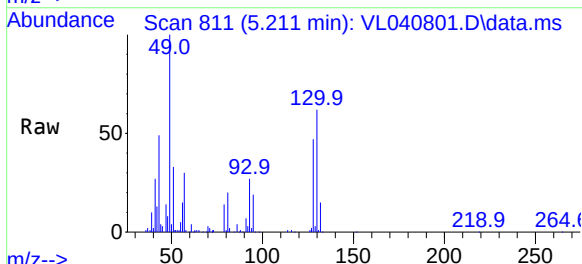
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	9.8	8.2	12.2
70	6.6	5.8	8.6

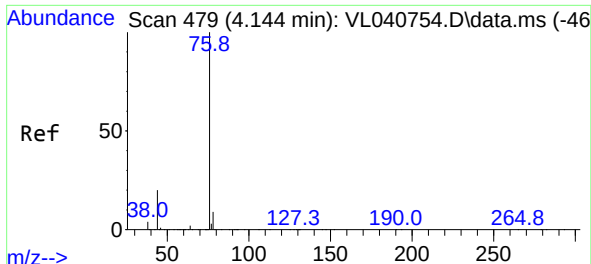


#26
Hexane
Concen: 0.309 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.019 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 57 Resp: 30312

Ion	Ratio	Lower	Upper
57	100		
41	197.0	71.4	107.2#
43	383.0	182.3	273.5#
56	111.4	42.0	63.0#

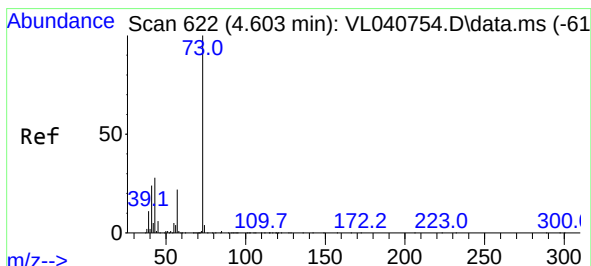
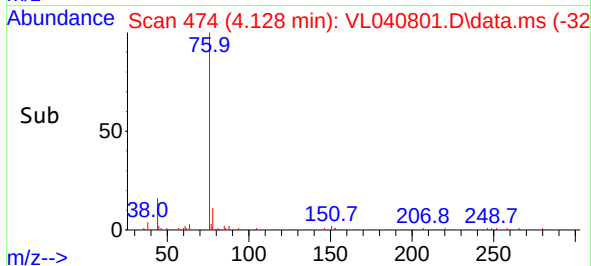
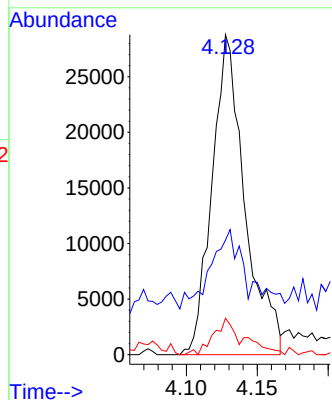
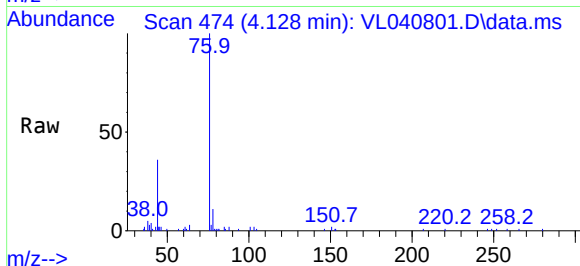




#27
Carbon Disulfide
Concen: 0.429 ppbv
RT: 4.128 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

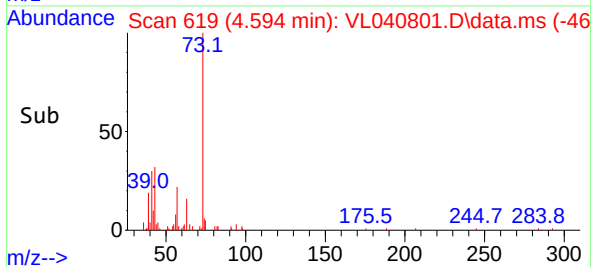
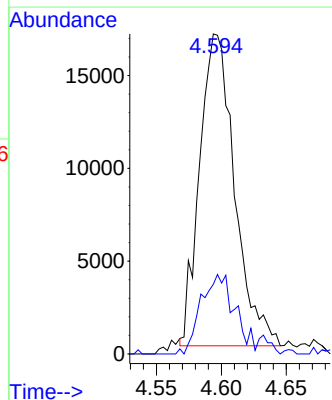
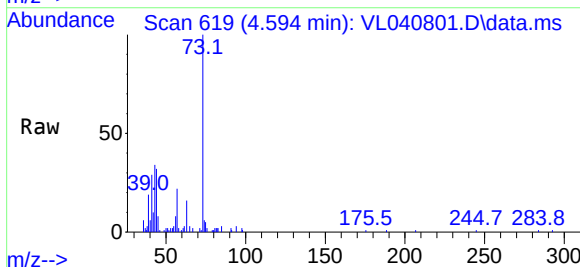
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

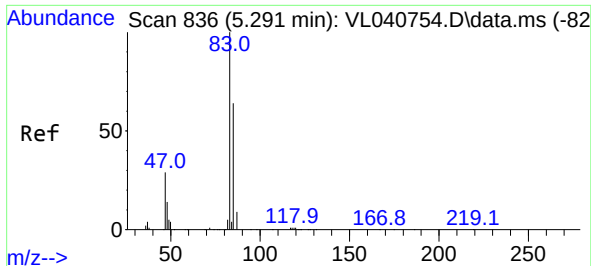
Tgt Ion: 76 Resp: 46484
Ion Ratio Lower Upper
76 100
44 40.2 16.6 25.0#
78 10.8 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 0.412 ppbv
RT: 4.594 min Scan# 619
Delta R.T. -0.010 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 73 Resp: 31488
Ion Ratio Lower Upper
73 100
57 27.0 18.9 28.3





#29

Chloroform

Concen: 0.535 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

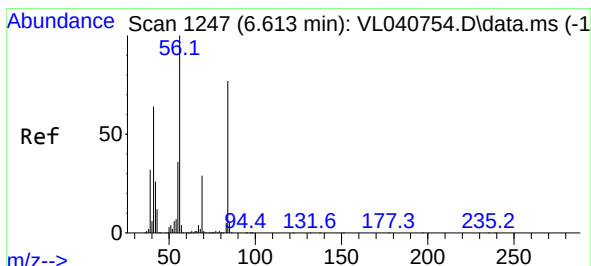
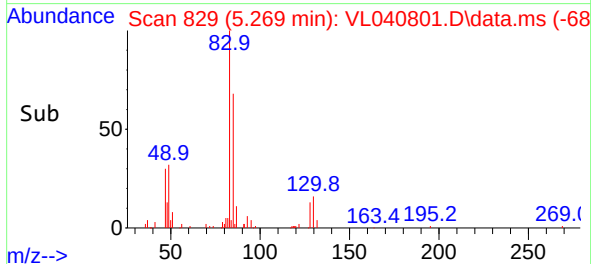
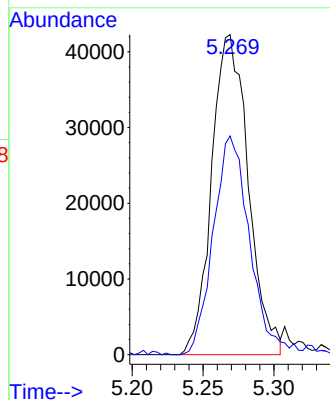
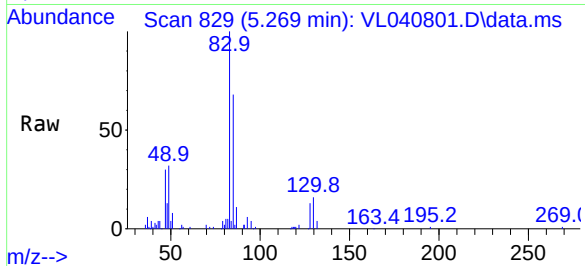
MDL-AIR-03-QT4-2023DL

Tgt Ion: 83 Resp: 75996

Ion Ratio Lower Upper

83 100

85 68.3 51.3 76.9



#30

Cyclohexane

Concen: 0.434 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.019 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

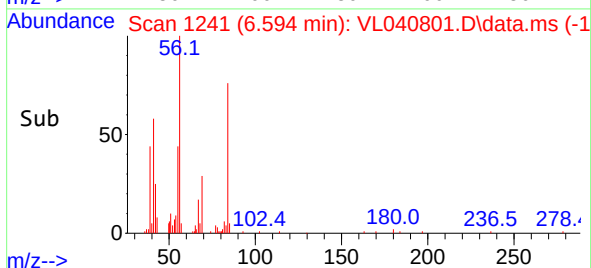
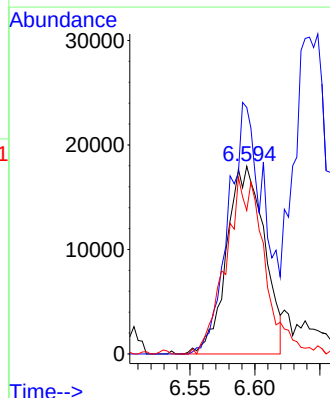
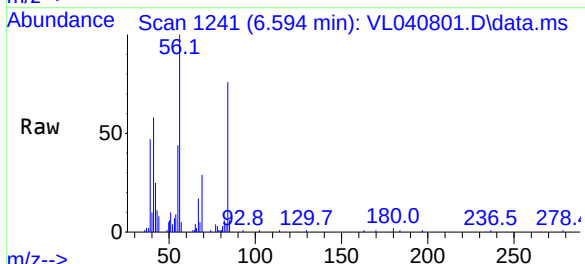
Tgt Ion: 84 Resp: 36311

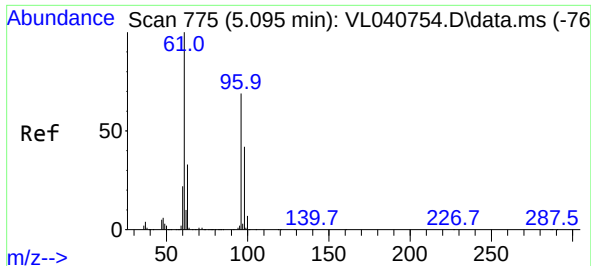
Ion Ratio Lower Upper

84 100

56 127.2 110.3 165.5

41 98.3 67.4 101.2



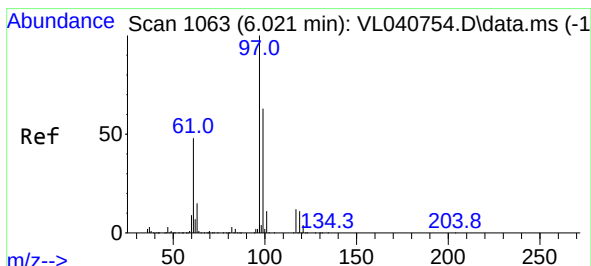
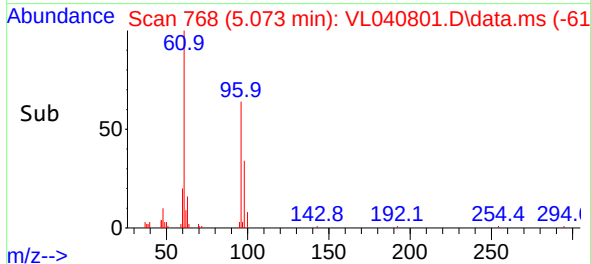
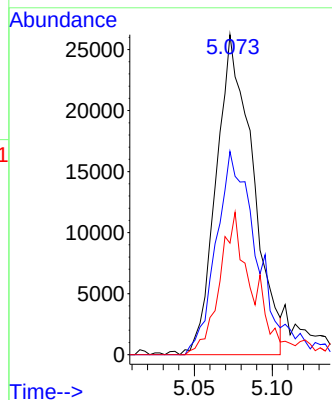
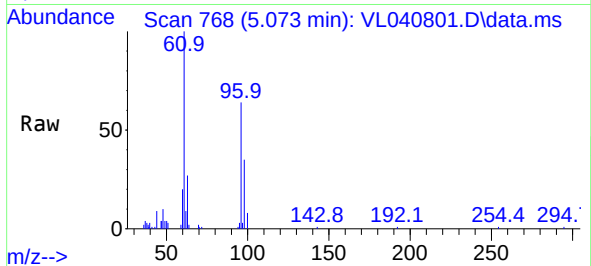


#31
cis-1,2-Dichloroethene
Concen: 0.474 ppbv
RT: 5.073 min Scan# 71
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 61 Resp: 42957

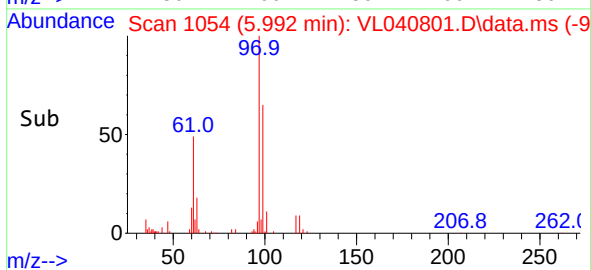
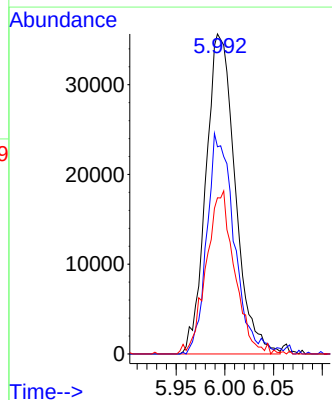
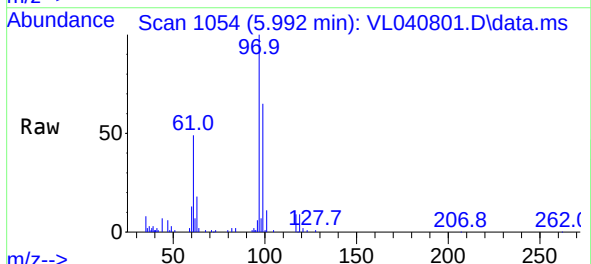
Ion	Ratio	Lower	Upper
61	100		
96	63.5	55.1	82.7
98	34.8	33.5	50.3

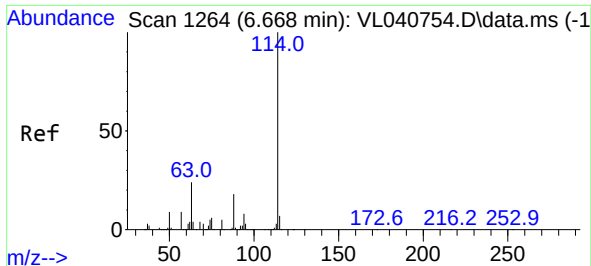


#32
1,1,1-Trichloroethane
Concen: 0.492 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. -0.029 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 97 Resp: 74466

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.6
61	49.6	38.6	58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL

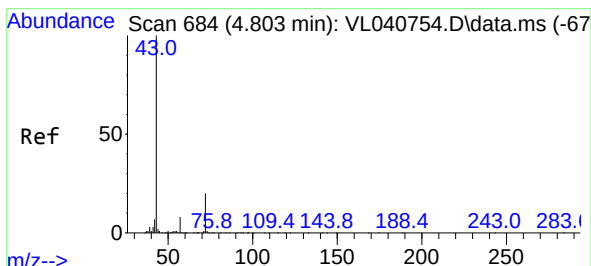
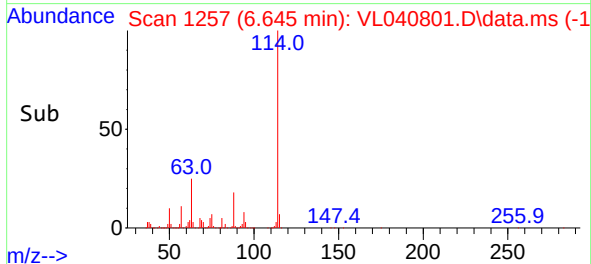
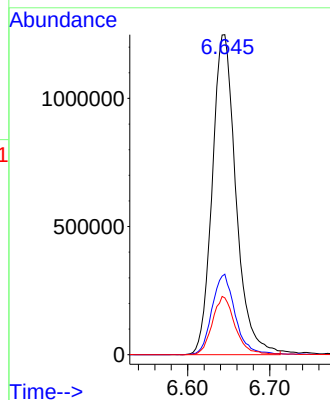
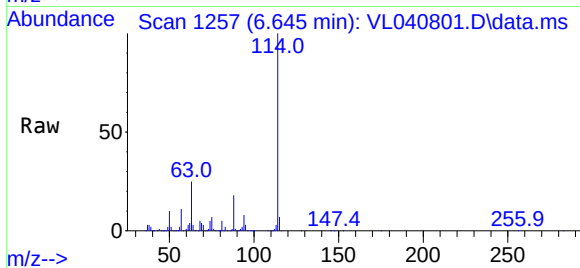
Tgt Ion:114 Resp: 2510272

Ion Ratio Lower Upper

114 100

63 24.9 19.8 29.6

88 17.7 14.2 21.2



#34

2-Butanone

Concen: 0.563 ppbv

RT: 4.793 min Scan# 681

Delta R.T. -0.010 min

Lab File: VL040801.D

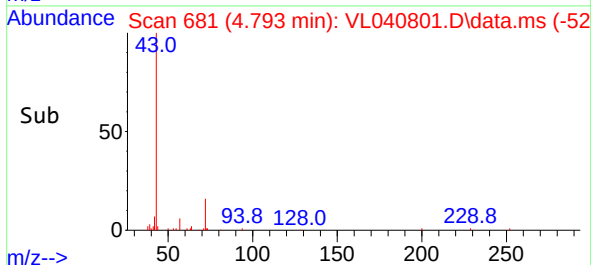
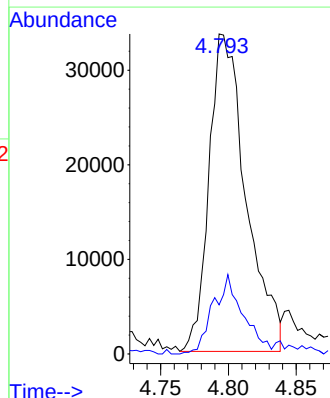
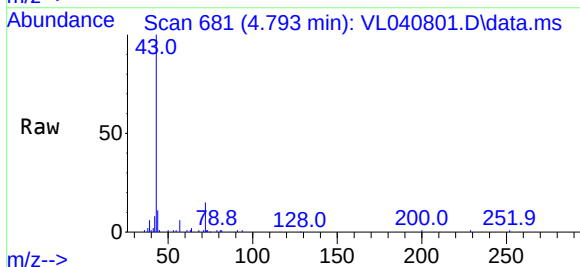
Acq: 25 Oct 2023 15:36

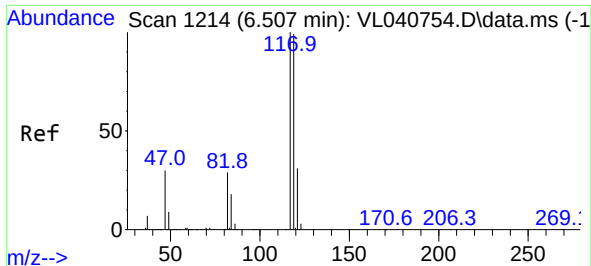
Tgt Ion: 43 Resp: 63983

Ion Ratio Lower Upper

43 100

72 23.3 16.8 25.2

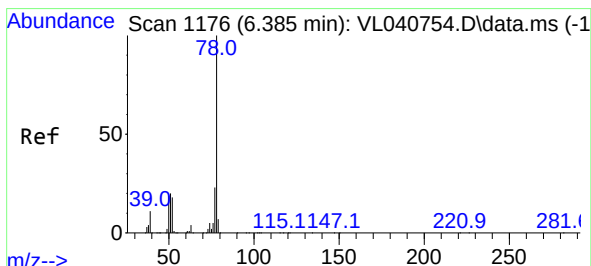
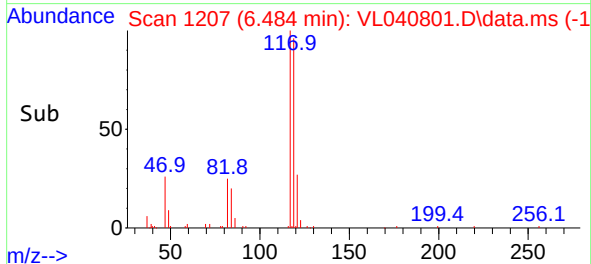
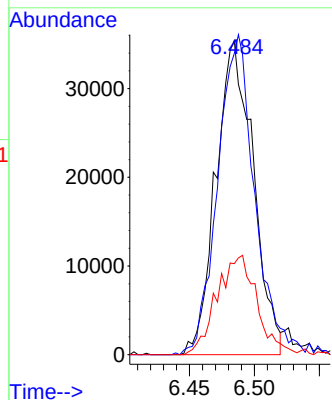
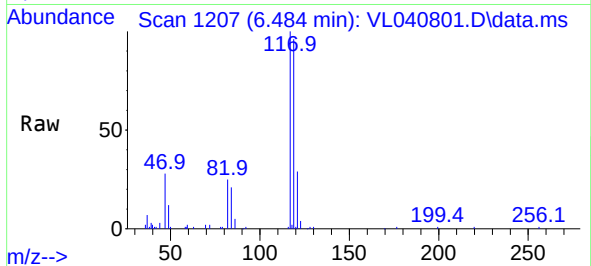




#35
Carbon Tetrachloride
Concen: 0.502 ppbv
RT: 6.484 min Scan# 1170
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

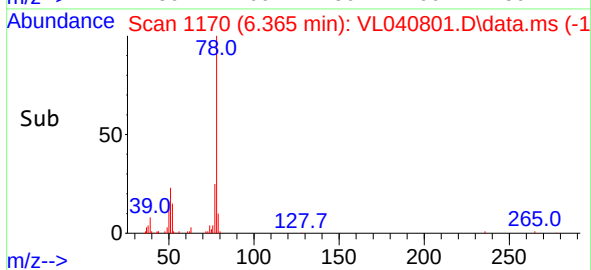
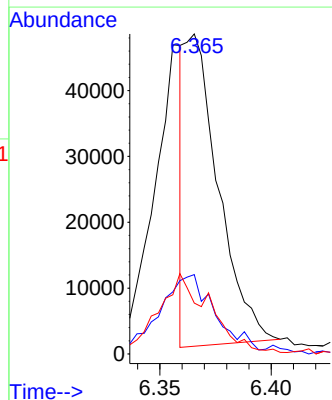
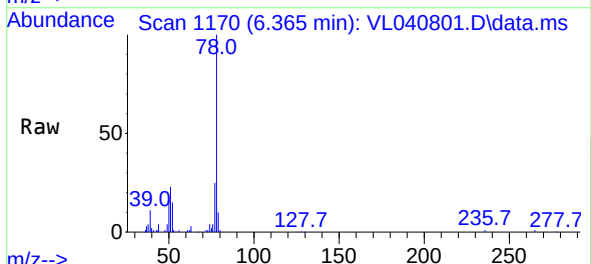
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

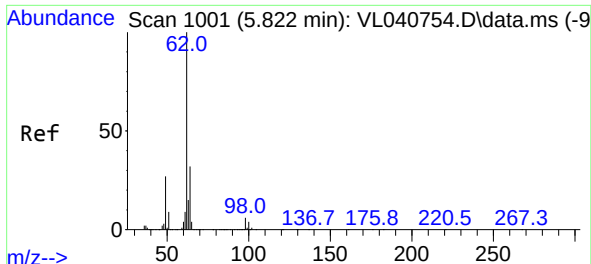
Tgt Ion:117 Resp: 70771
Ion Ratio Lower Upper
117 100
119 95.8 79.4 119.0
121 29.0 25.0 37.4



#36
Benzene
Concen: 0.257 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.019 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 78 Resp: 49557
Ion Ratio Lower Upper
78 100
77 24.4 18.4 27.6
50 15.8 15.0 22.4

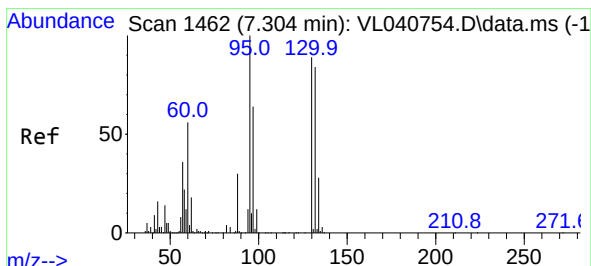
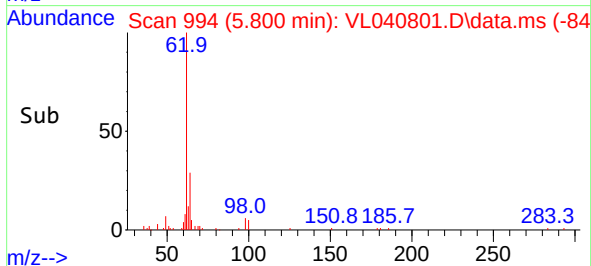
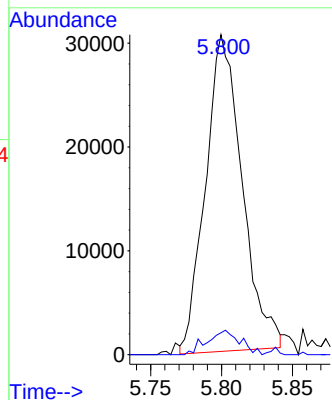
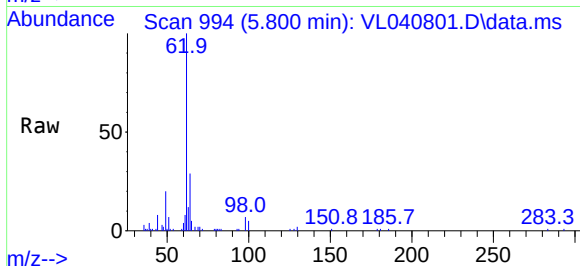




#37
1,2-Dichloroethane
Concen: 0.555 ppbv
RT: 5.800 min Scan# 91
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

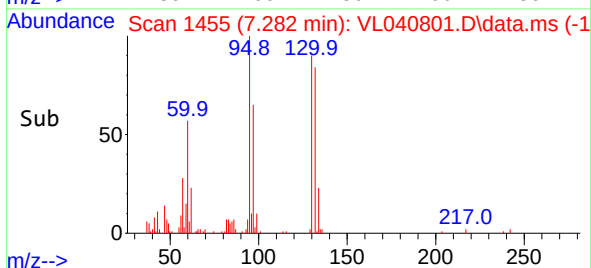
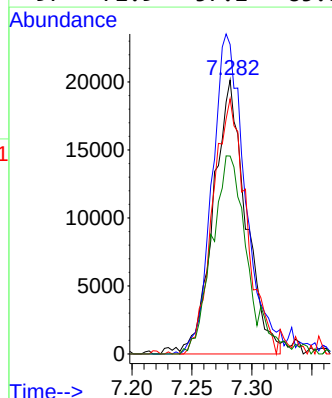
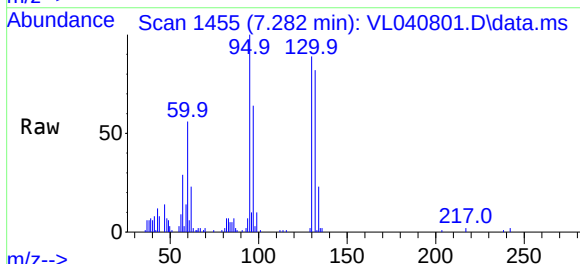
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

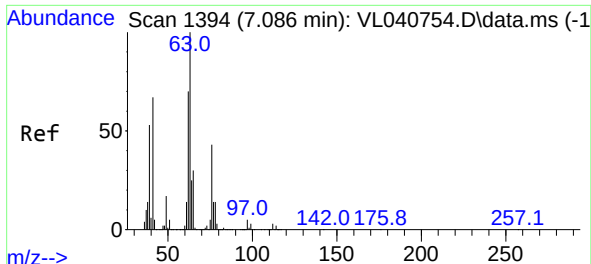
Tgt Ion: 62 Resp: 54860
Ion Ratio Lower Upper
62 100
98 7.4 5.4 8.0



#38
Trichloroethene
Concen: 0.441 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion:130 Resp: 37698
Ion Ratio Lower Upper
130 100
95 114.1 89.4 134.2
132 94.1 74.8 112.2
97 72.9 57.2 85.8





#39

1,2-Dichloropropane

Concen: 0.315 ppbv

RT: 7.060 min Scan# 1

Delta R.T. -0.026 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL

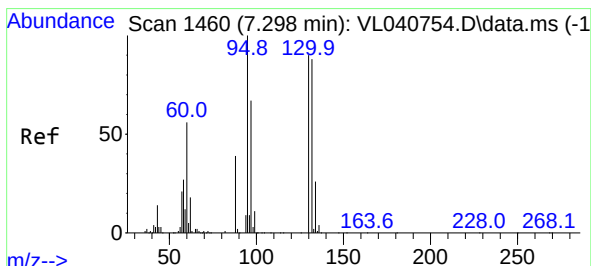
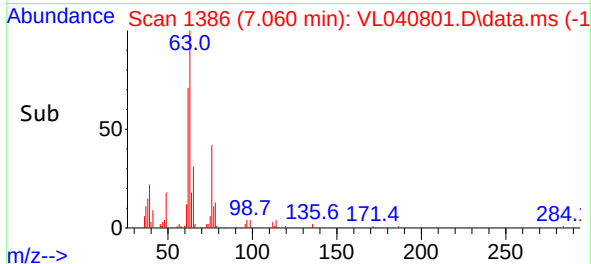
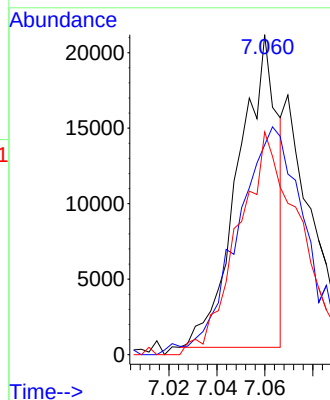
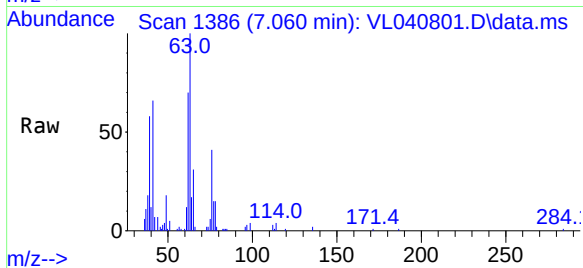
Tgt Ion: 63 Resp: 23739

Ion Ratio Lower Upper

63 100

41 64.4 53.7 80.5

62 68.9 55.7 83.5



#40

1,4-Dioxane

Concen: 0.175 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.003 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

Tgt Ion: 88 Resp: 5002

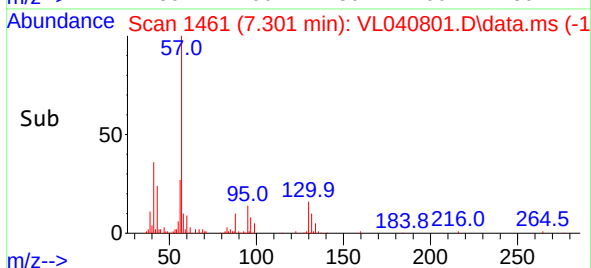
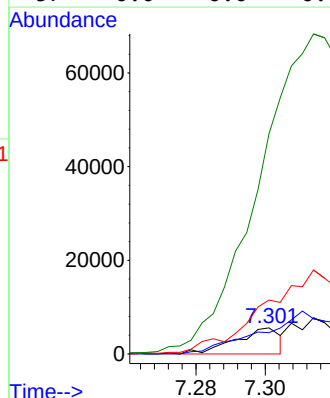
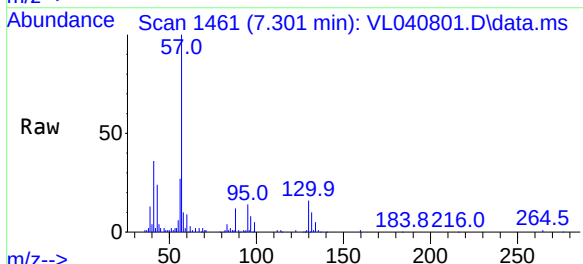
Ion Ratio Lower Upper

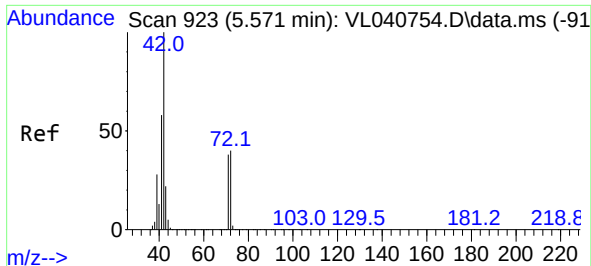
88 100

58 0.0 100.0 150.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

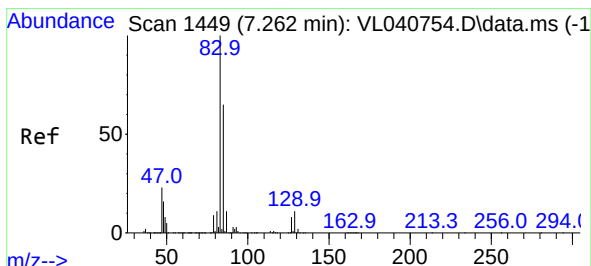
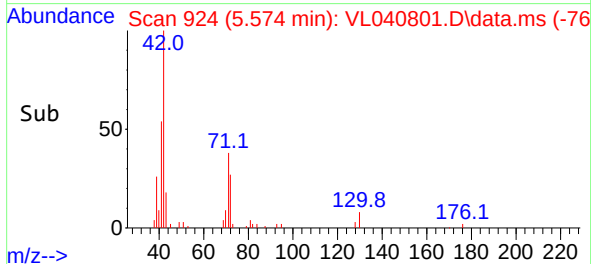
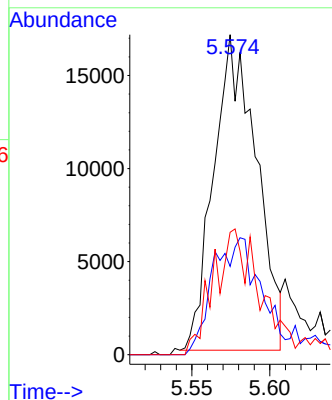
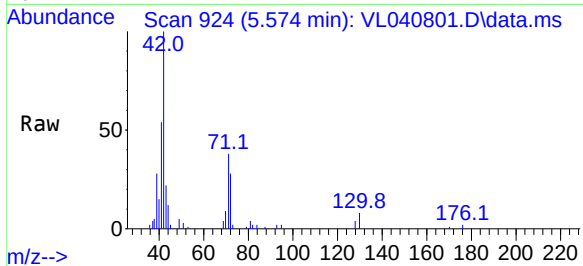




#41
Tetrahydrofuran
Concen: 0.412 ppbv
RT: 5.574 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

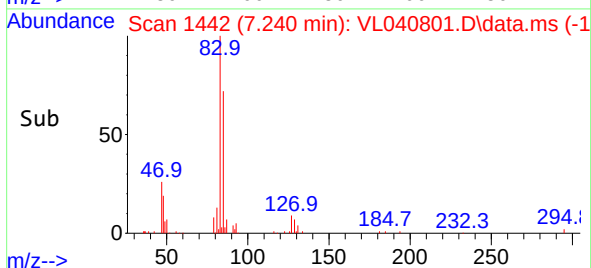
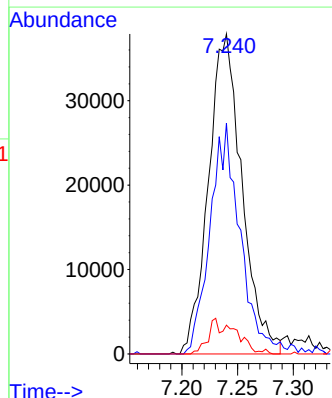
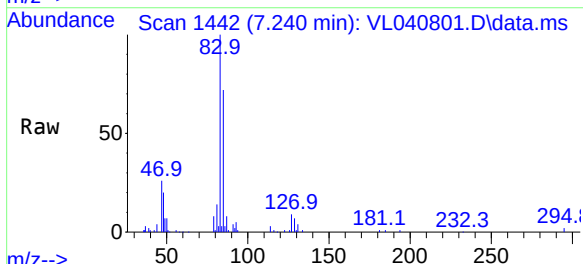
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

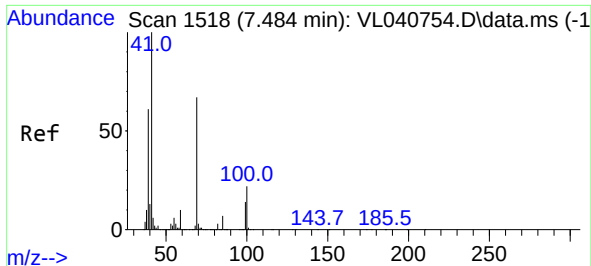
Tgt Ion: 42 Resp: 32410
Ion Ratio Lower Upper
42 100
72 46.0 31.1 46.7
71 46.4 29.7 44.5#



#42
Bromodichloromethane
Concen: 0.535 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 83 Resp: 79304
Ion Ratio Lower Upper
83 100
85 72.1 52.1 78.1
127 9.0 6.7 10.1

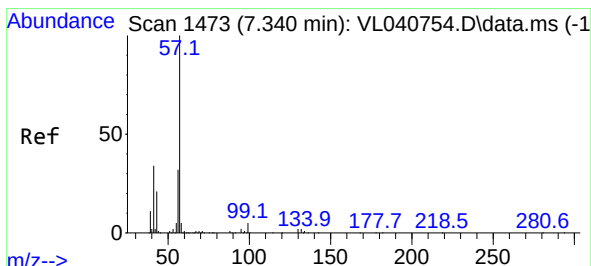
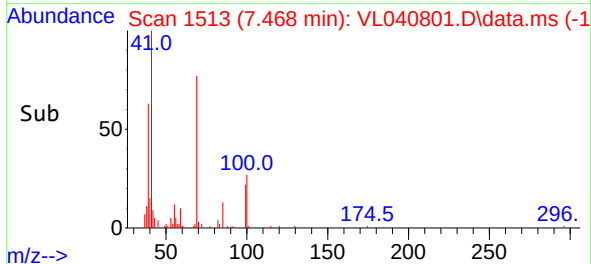
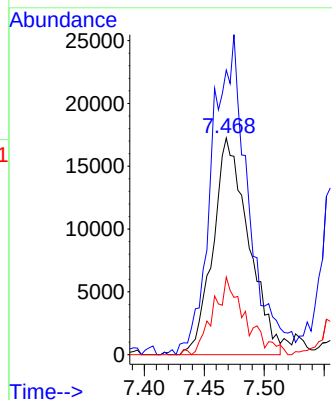
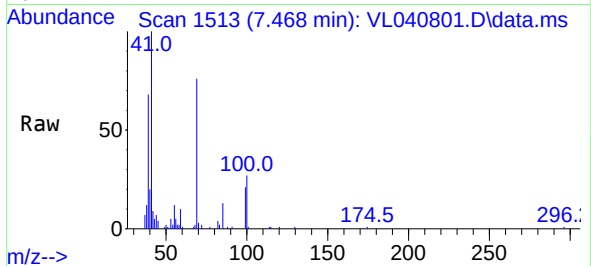




#43
Methyl Methacrylate
Concen: 0.460 ppbv
RT: 7.468 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

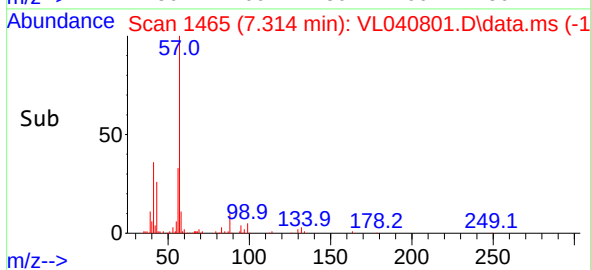
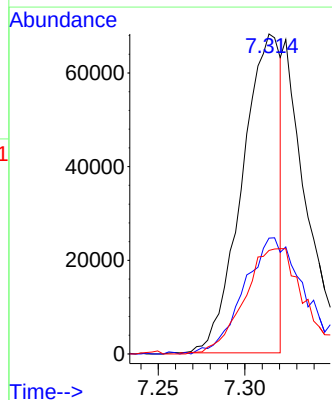
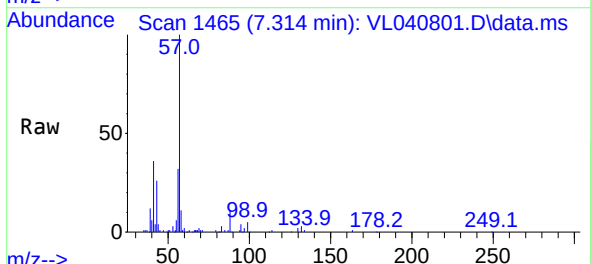
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2023DL

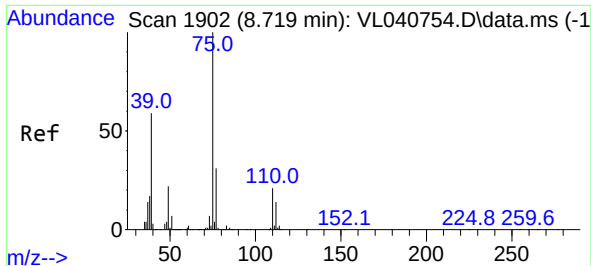
Tgt Ion: 69 Resp: 35535
Ion Ratio Lower Upper
69 100
41 152.2 120.6 181.0
100 32.8 27.1 40.7



#44
2,2,4-Trimethylpentane
Concen: 0.320 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.026 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 57 Resp: 104436
Ion Ratio Lower Upper
57 100
41 0.0 27.4 41.0#
56 0.0 25.0 37.6#

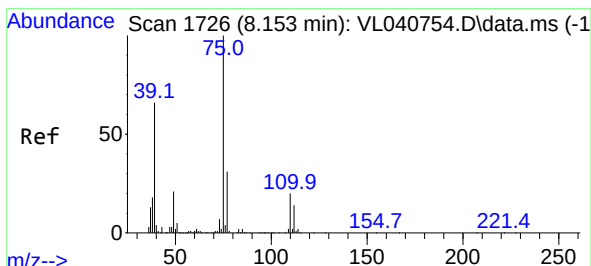
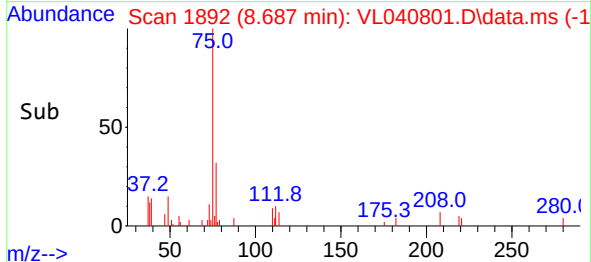
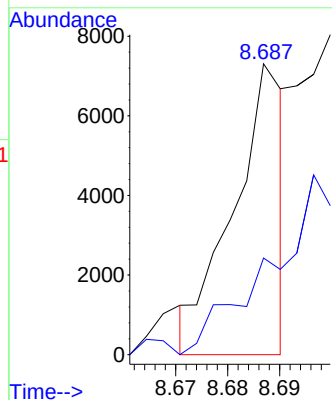
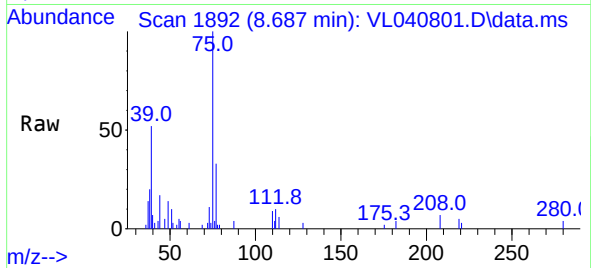




#45
t-1,3-Dichloropropene
Concen: 0.080 ppbv
RT: 8.687 min Scan# 1719
Delta R.T. -0.032 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

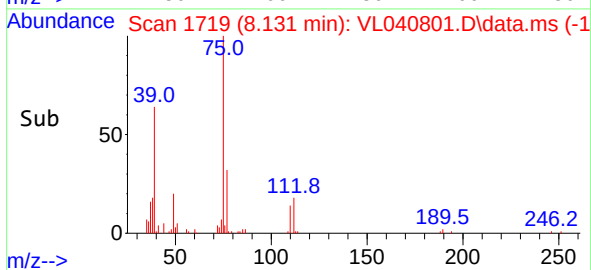
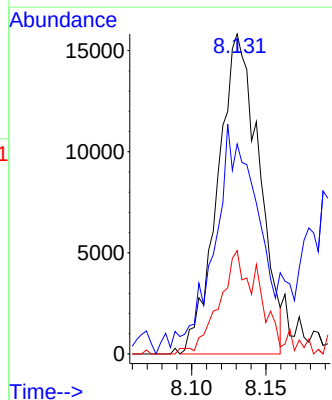
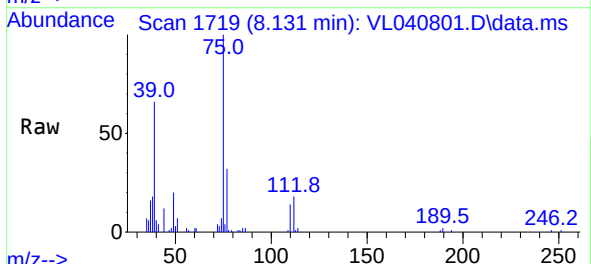
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

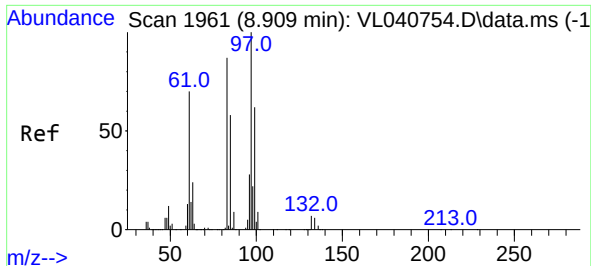
Tgt Ion: 75 Resp: 4929
Ion Ratio Lower Upper
75 100
77 35.3 24.9 37.3



#46
cis-1,3-Dichloropropene
Concen: 0.405 ppbv
RT: 8.131 min Scan# 1719
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 75 Resp: 30530
Ion Ratio Lower Upper
75 100
39 60.2 52.4 78.6
77 31.6 25.1 37.7



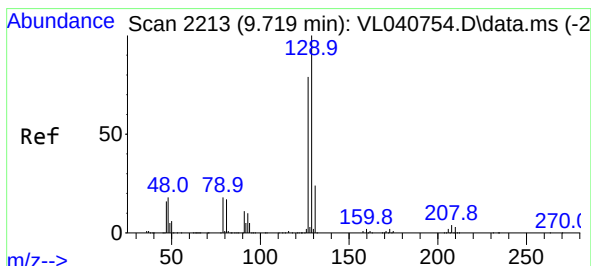
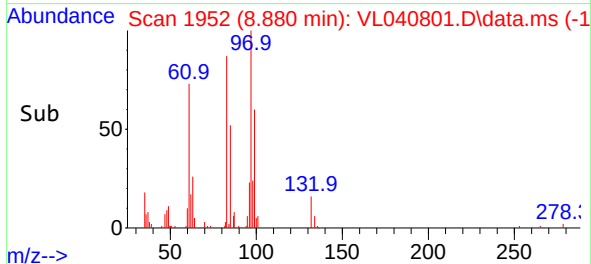
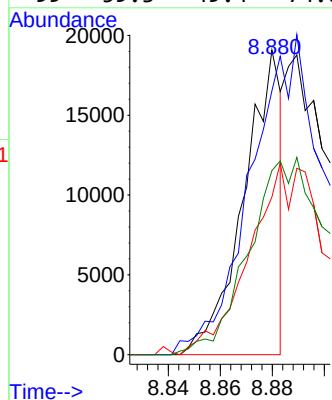
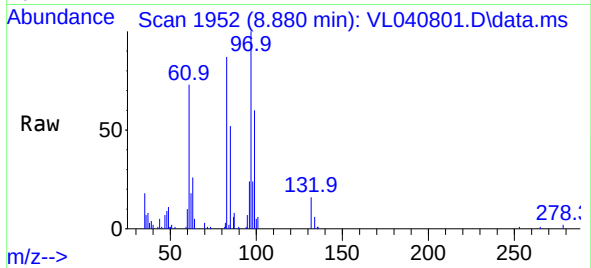


#47
1,1,2-Trichloroethane
Concen: 0.241 ppbv
RT: 8.880 min Scan# 1961
Delta R.T. -0.029 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2023DL

Tgt Ion: 97 Resp: 19129

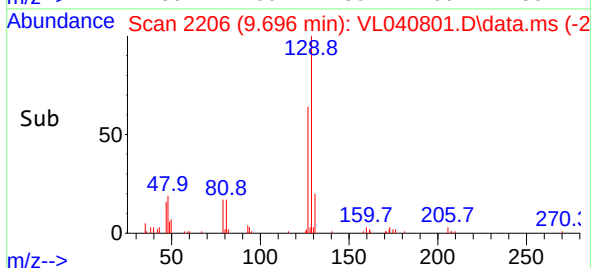
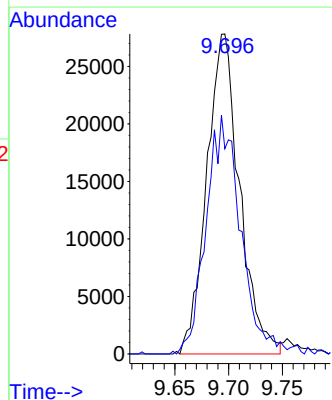
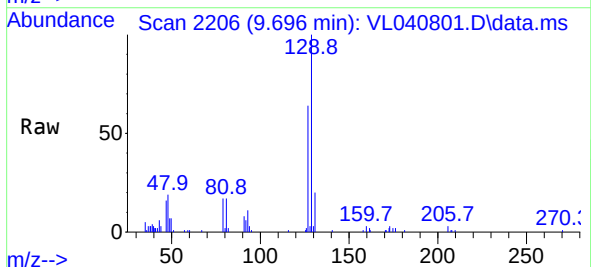
Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.5	104.3
85	51.7	46.6	69.8
99	59.3	49.4	74.0

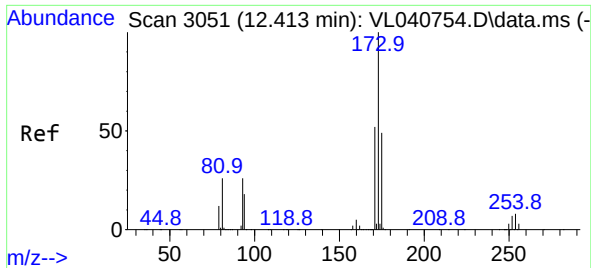


#48
Dibromochloromethane
Concen: 0.445 ppbv
RT: 9.696 min Scan# 2206
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 129 Resp: 59108

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.1	117.3

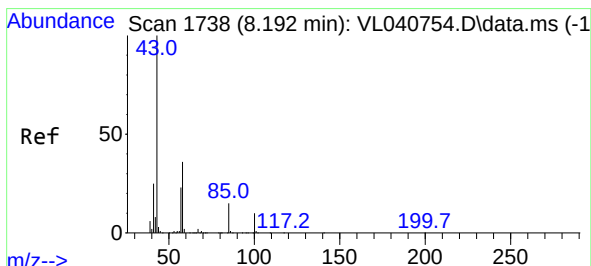
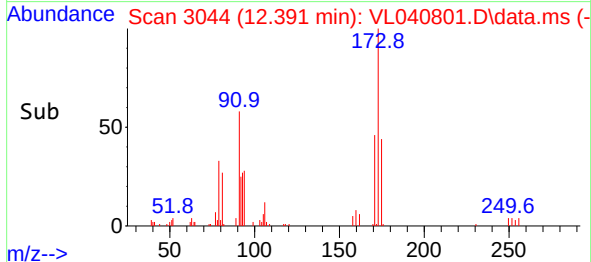
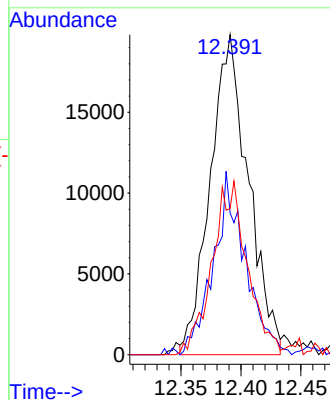
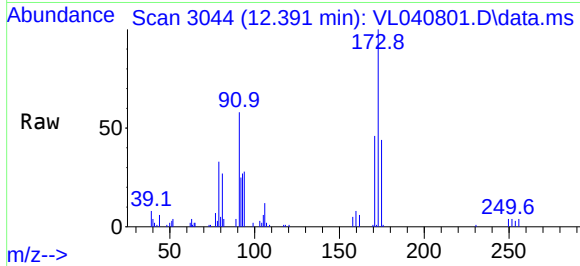




#49
Bromoform
Concen: 0.406 ppbv
RT: 12.391 min Scan# 3051
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

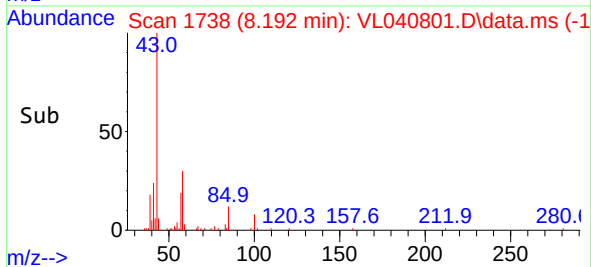
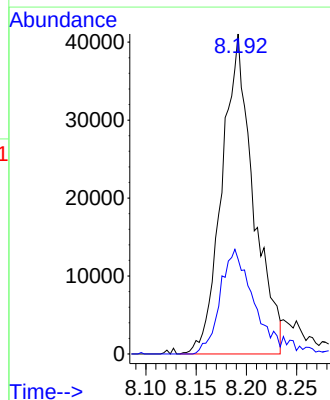
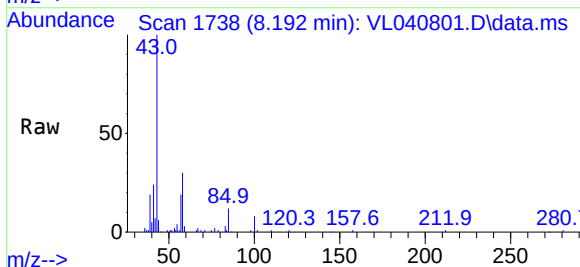
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

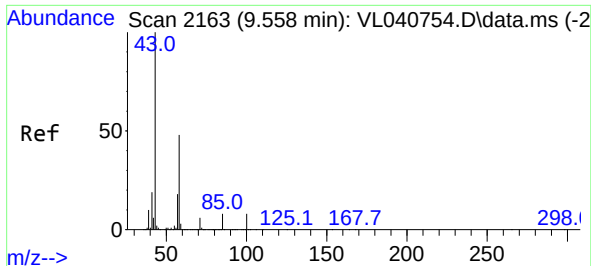
Tgt Ion:173 Resp: 43851
Ion Ratio Lower Upper
173 100
175 48.1 39.2 58.8
171 50.9 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 0.460 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 43 Resp: 89505
Ion Ratio Lower Upper
43 100
58 37.5 28.8 43.2

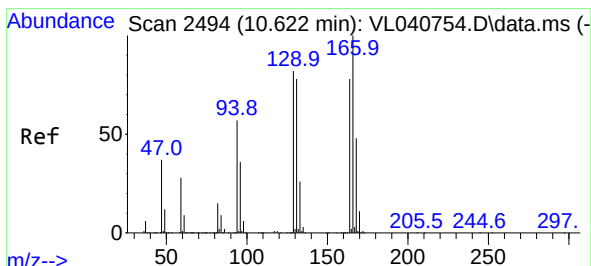
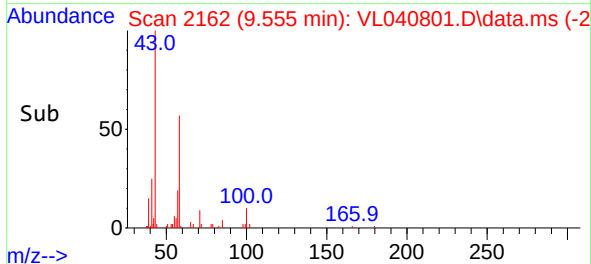
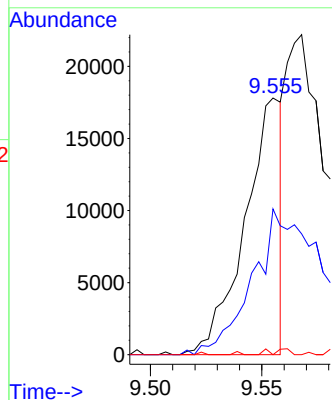
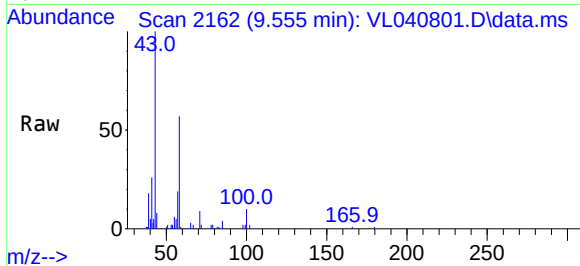




#51
2-Hexanone
Concen: 0.138 ppbv
RT: 9.555 min Scan# 2163
Delta R.T. -0.003 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

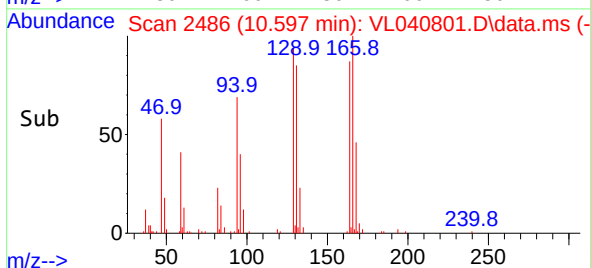
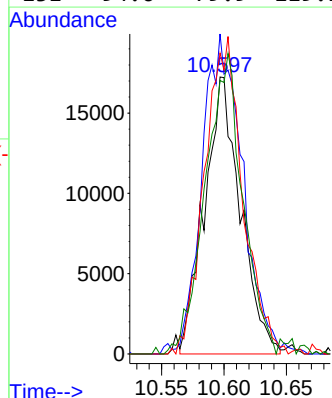
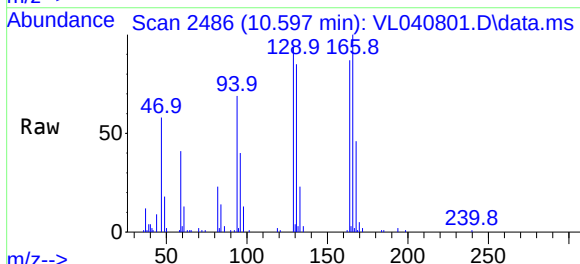
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2023DL

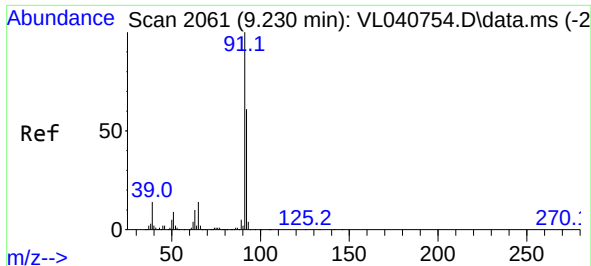
Tgt Ion: 43 Resp: 20443
Ion Ratio Lower Upper
43 100
58 134.5 38.6 58.0#
98 0.0 0.0 0.0



#52
Tetrachloroethene
Concen: 0.442 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.026 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion:164 Resp: 34675
Ion Ratio Lower Upper
164 100
166 115.1 102.4 153.6
129 107.8 84.2 126.4
131 94.6 79.9 119.9

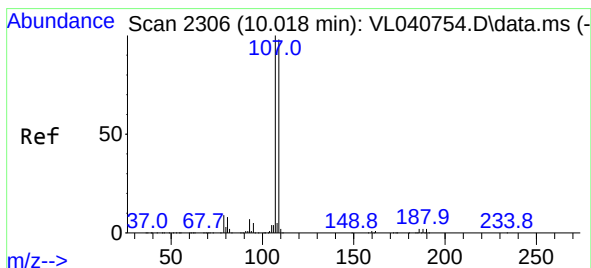
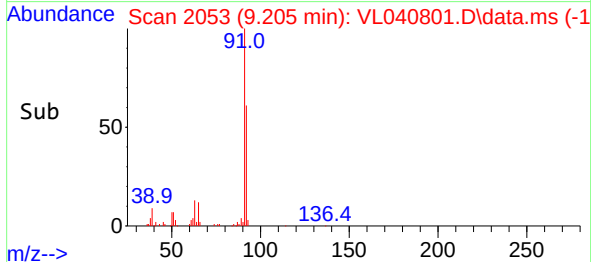
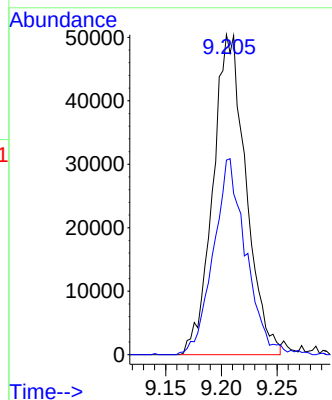
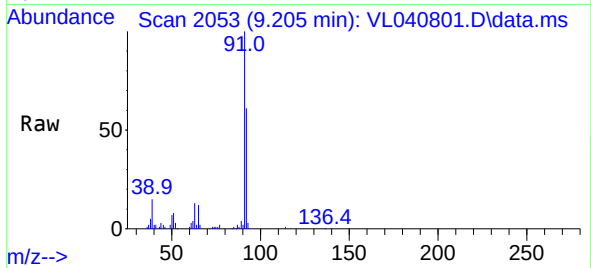




#53
Toluene
Concen: 0.454 ppbv
RT: 9.205 min Scan# 2061
Delta R.T. -0.026 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

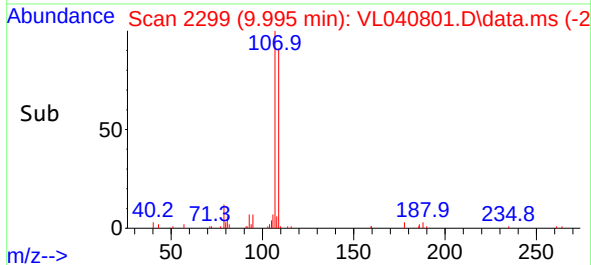
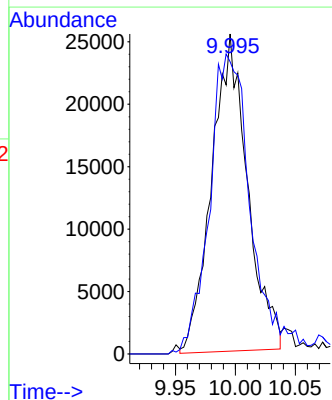
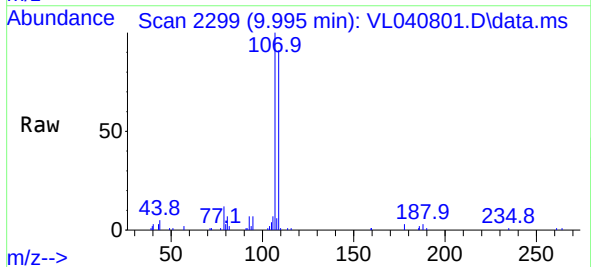
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

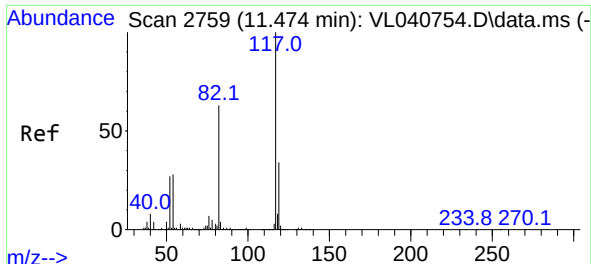
Tgt Ion: 91 Resp: 104273
Ion Ratio Lower Upper
91 100
92 60.5 50.2 75.2



#54
1,2-Dibromoethane
Concen: 0.474 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 107 Resp: 52668
Ion Ratio Lower Upper
107 100
109 91.4 78.2 117.2

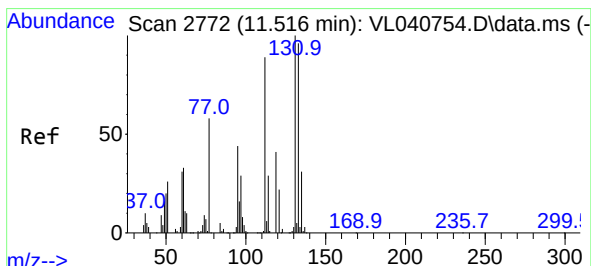
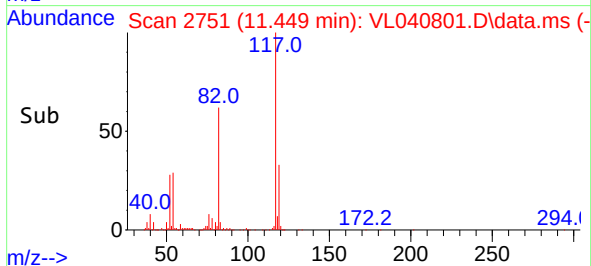
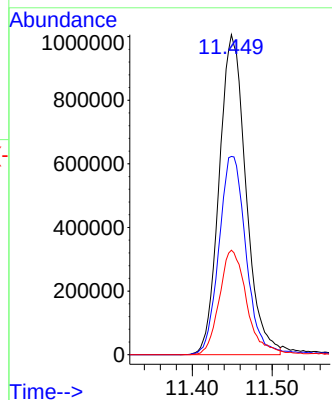
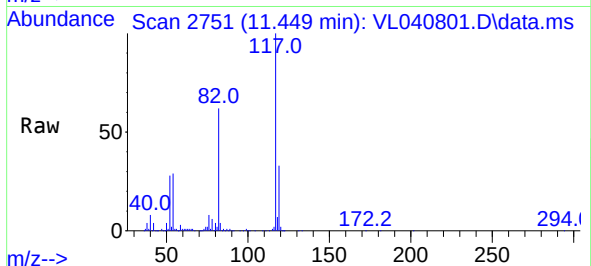




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 217
Delta R.T. -0.026 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

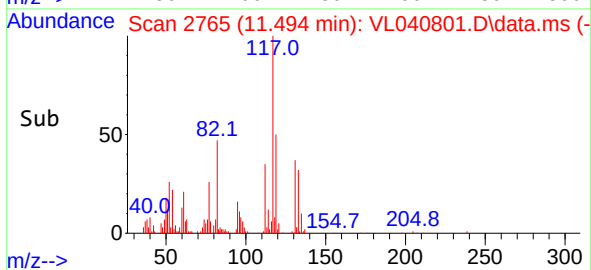
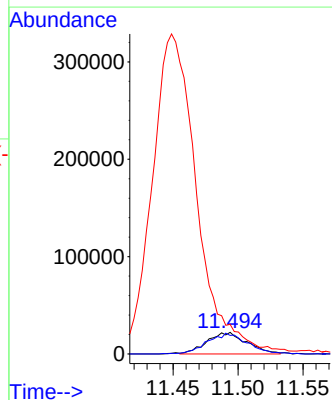
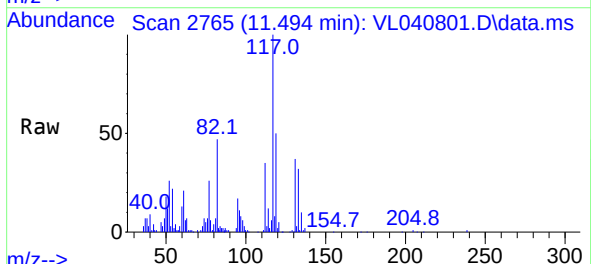
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

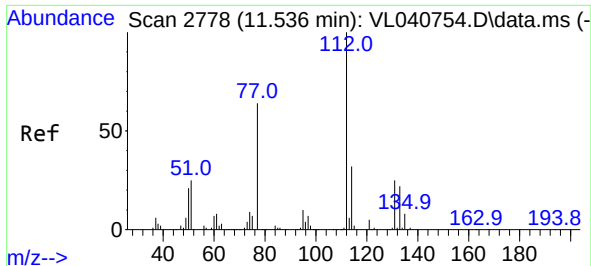
Tgt Ion:117 Resp: 2331781
Ion Ratio Lower Upper
117 100
82 64.0 46.6 70.0
119 34.0 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.494 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion:131 Resp: 47012
Ion Ratio Lower Upper
131 100
133 97.6 75.0 112.6
119 0.0 45.4 68.0#

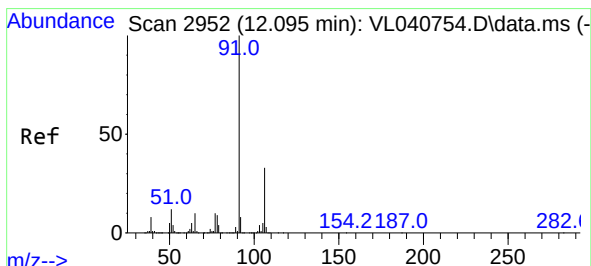
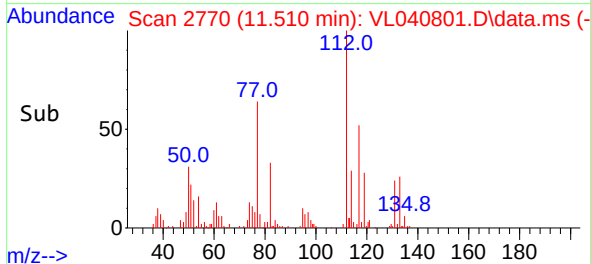
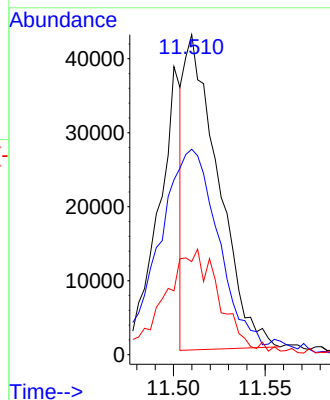
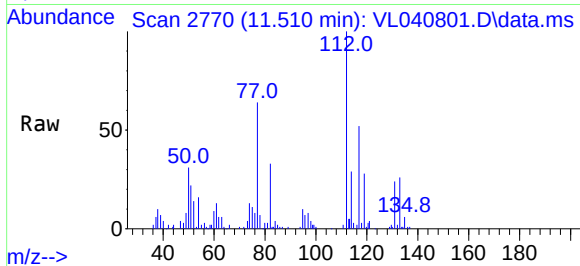




#57
Chlorobenzene
Concen: 0.328 ppbv
RT: 11.510 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

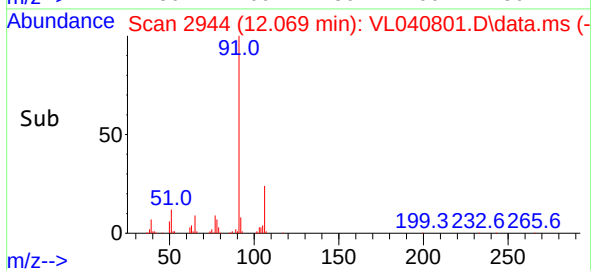
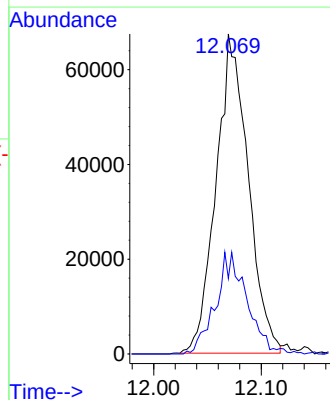
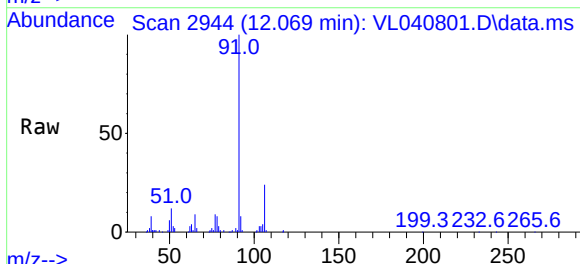
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

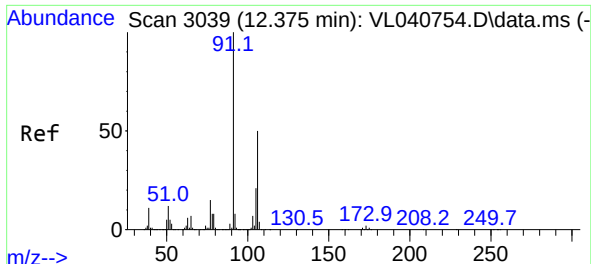
Tgt Ion:112 Resp: 54755
Ion Ratio Lower Upper
112 100
77 61.4 51.9 77.9
114 31.3 28.6 35.0



#58
Ethyl Benzene
Concen: 0.475 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. -0.026 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 91 Resp: 139596
Ion Ratio Lower Upper
91 100
106 23.6 26.7 40.1#





#59

m/p-Xylene

Concen: 0.178 ppbv

RT: 12.343 min Scan# 3039

Delta R.T. -0.032 min

Lab File: VL040801.D

Acq: 25 Oct 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

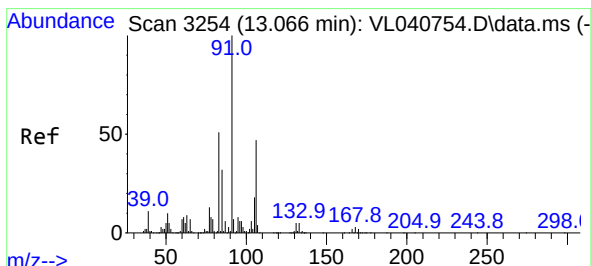
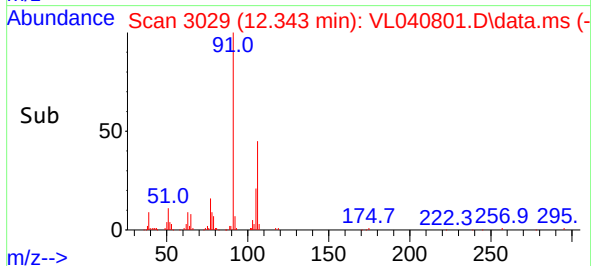
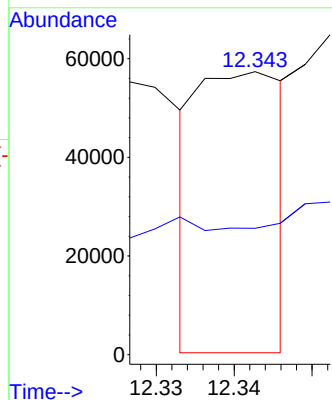
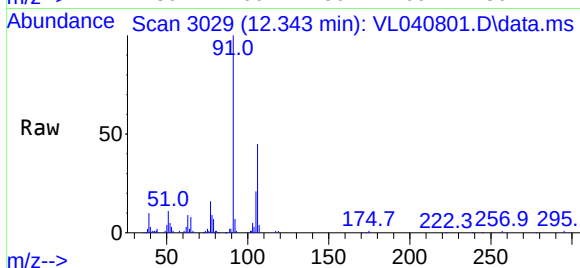
MDL-AIR-03-QT4-2023DL

Tgt Ion: 91 Resp: 43099

Ion Ratio Lower Upper

91 100

106 0.0 37.7 56.5#



#60

o-Xylene

Concen: 0.510 ppbv

RT: 13.044 min Scan# 3247

Delta R.T. -0.022 min

Lab File: VL040801.D

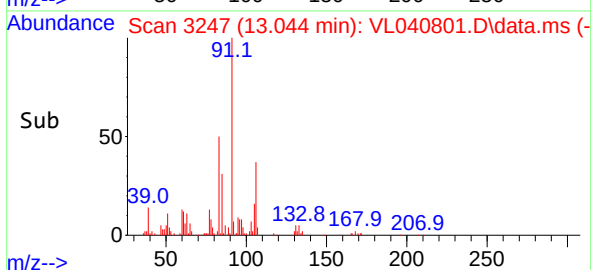
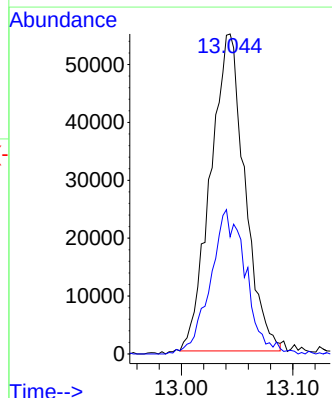
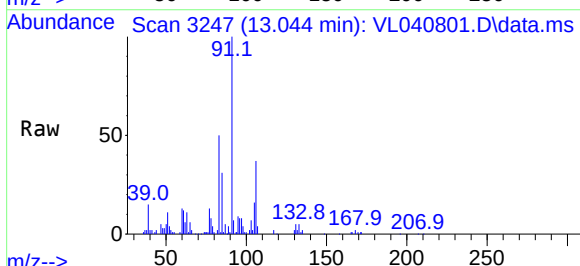
Acq: 25 Oct 2023 15:36

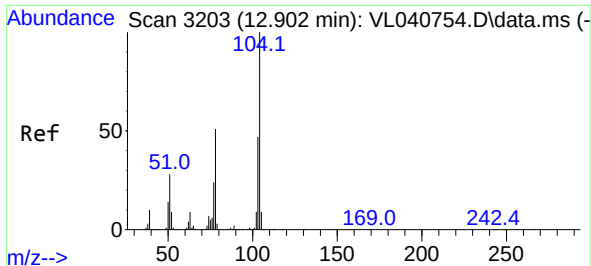
Tgt Ion: 91 Resp: 117451

Ion Ratio Lower Upper

91 100

106 47.0 23.5 70.5

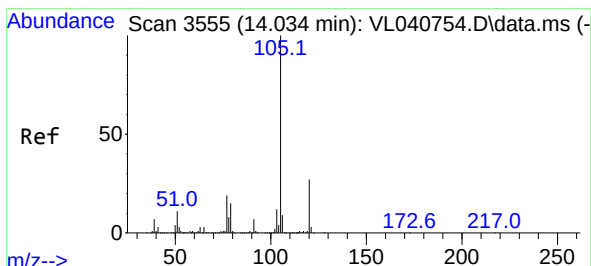
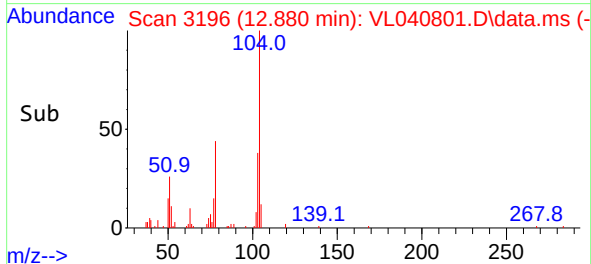
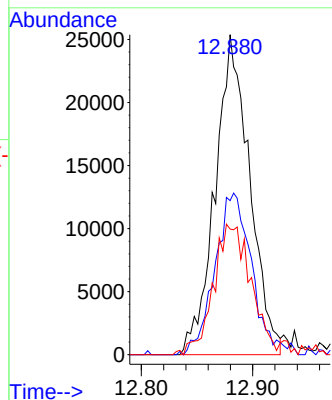
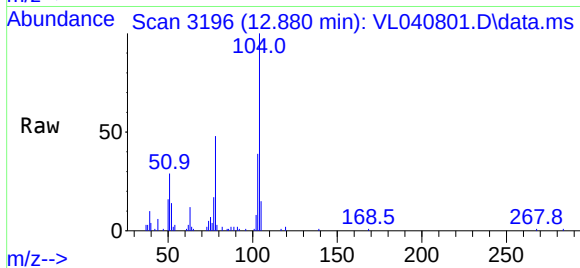




#61
Styrene
Concen: 0.429 ppbv
RT: 12.880 min Scan# 3196
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

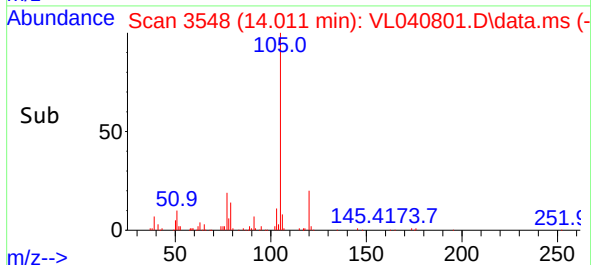
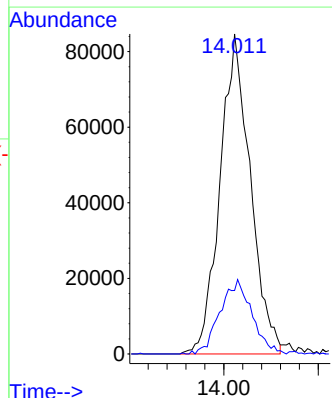
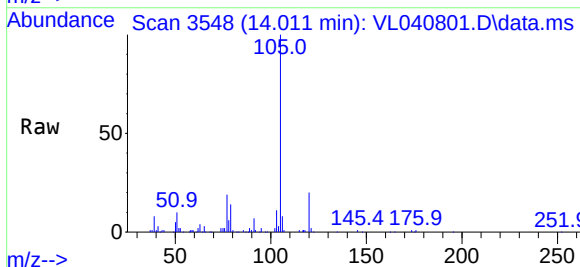
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

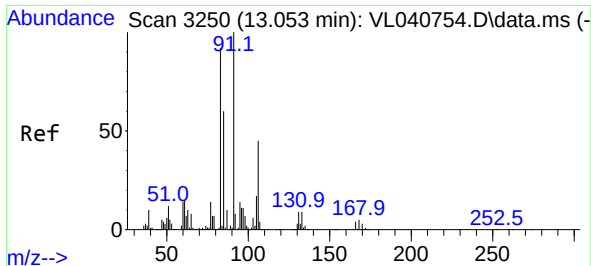
Tgt Ion:104 Resp: 54736
Ion Ratio Lower Upper
104 100
78 54.2 39.8 59.6
103 47.1 37.5 56.3



#62
Isopropylbenzene
Concen: 0.532 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion:105 Resp: 188338
Ion Ratio Lower Upper
105 100
120 24.7 21.5 32.3

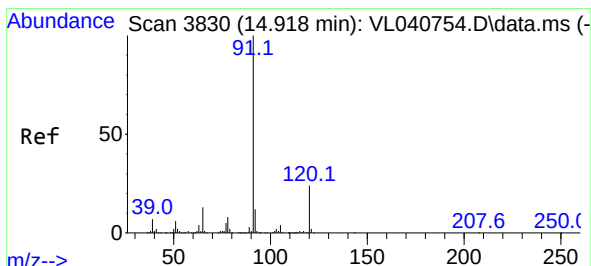
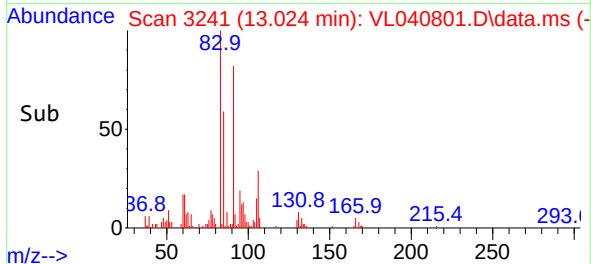
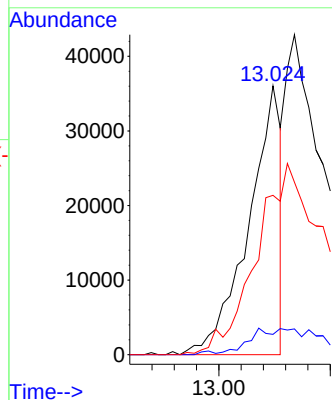
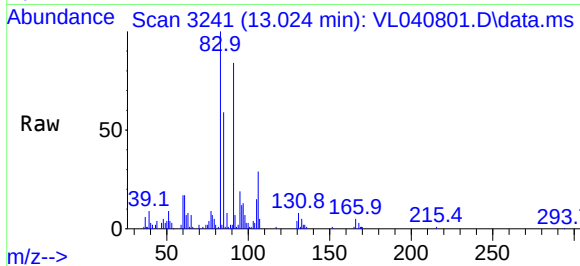




#63
1,1,2,2-Tetrachloroethane
Concen: 0.211 ppbv
RT: 13.024 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

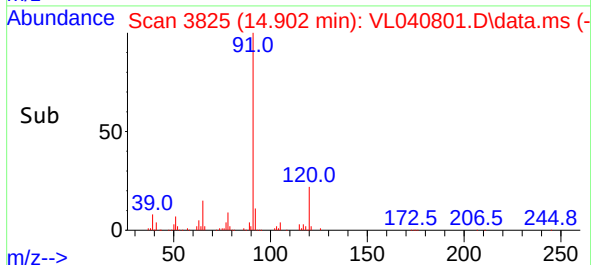
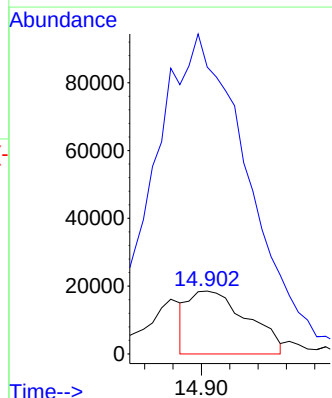
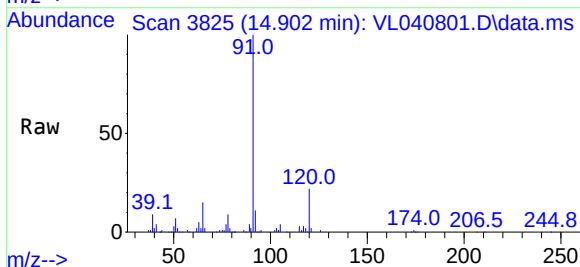
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2023DL

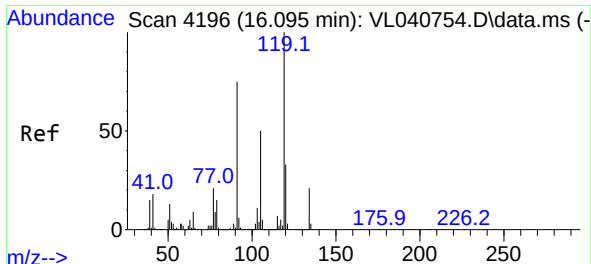
Tgt Ion: 83 Resp: 36484
Ion Ratio Lower Upper
83 100
131 25.1 4.9 14.6#
85 0.0 32.9 98.7#



#64
n-propylbenzene
Concen: 0.282 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.016 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 120 Resp: 26799
Ion Ratio Lower Upper
120 100
91 872.9 345.9 518.9#

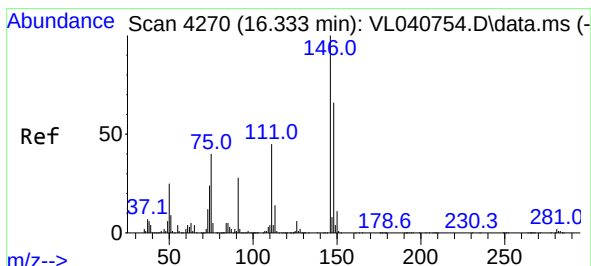
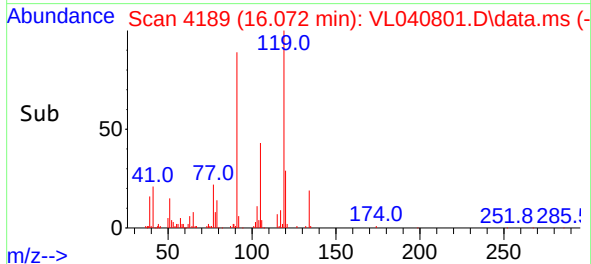
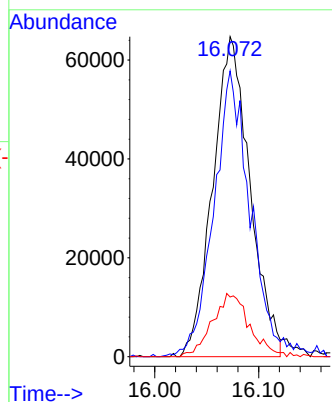
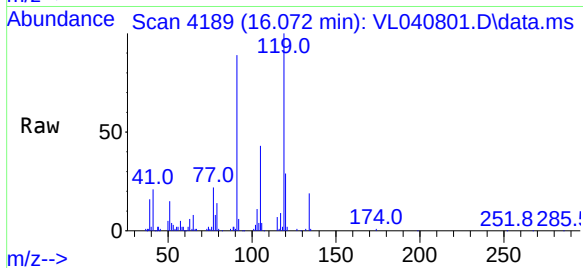




#65
tert-Butylbenzene
Concen: 0.504 ppbv
RT: 16.072 min Scan# 4196
Delta R.T. -0.022 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

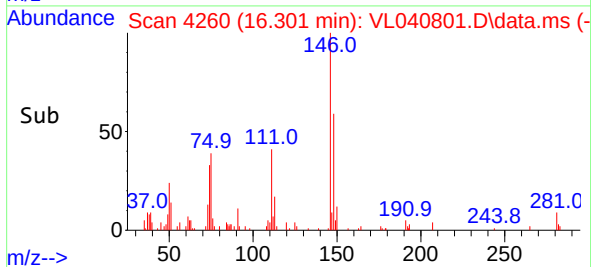
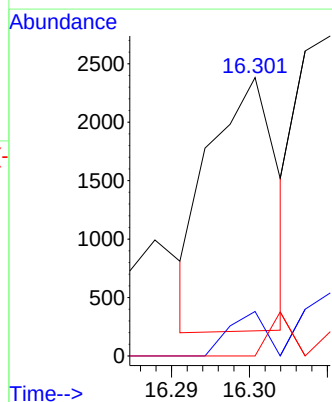
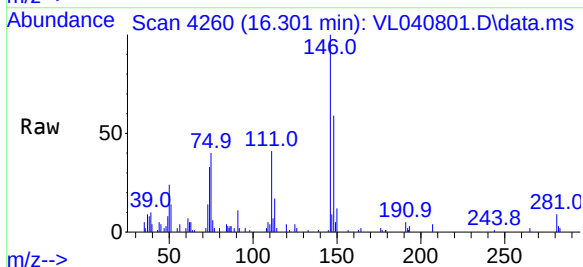
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

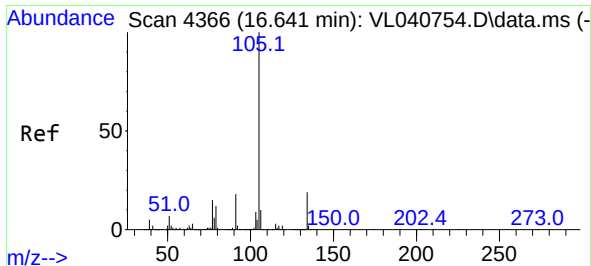
Tgt Ion:119 Resp: 160860
Ion Ratio Lower Upper
119 100
91 88.9 62.2 93.2
134 19.8 16.1 24.1



#66
Benzyl Chloride
Concen: 0.041 ppbv
RT: 16.301 min Scan# 4260
Delta R.T. -0.032 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 91 Resp: 1317
Ion Ratio Lower Upper
91 100
126 0.0 16.1 24.1#
128 22.5 5.2 7.8#

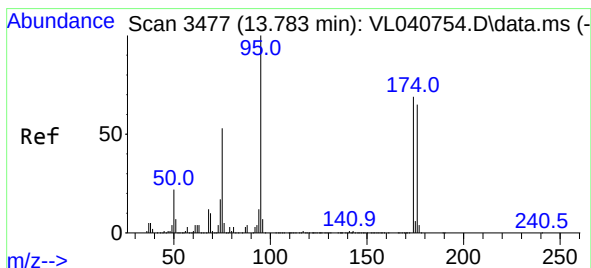
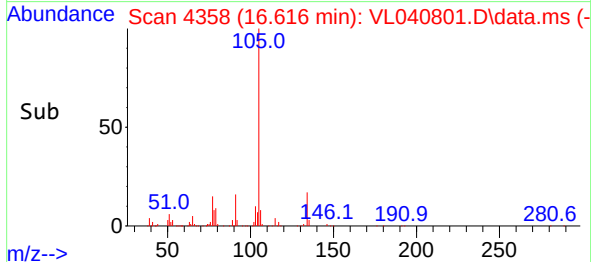
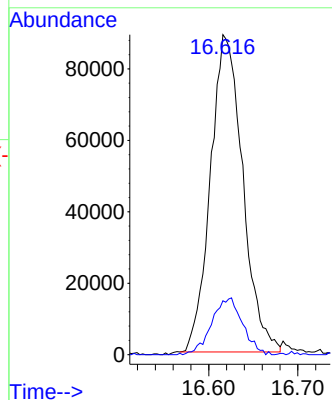
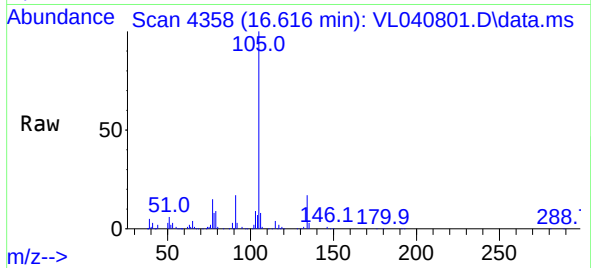




#67
sec-Butylbenzene
Concen: 0.511 ppbv
RT: 16.616 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

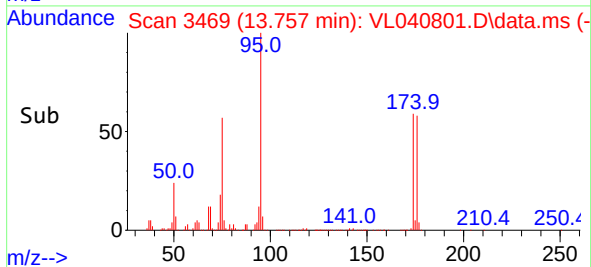
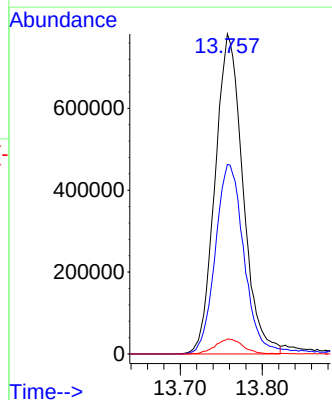
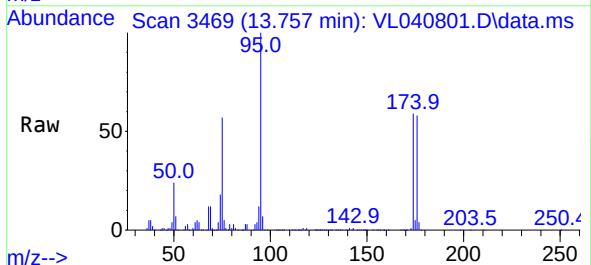
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

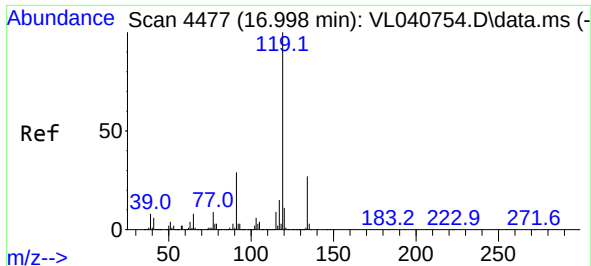
Tgt Ion:105 Resp: 223357
Ion Ratio Lower Upper
105 100
134 17.2 15.4 23.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.760 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.026 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 95 Resp: 1846100
Ion Ratio Lower Upper
95 100
174 62.0 54.7 82.1
175 4.8 4.2 6.4

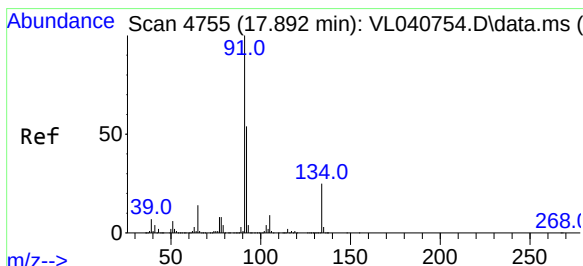
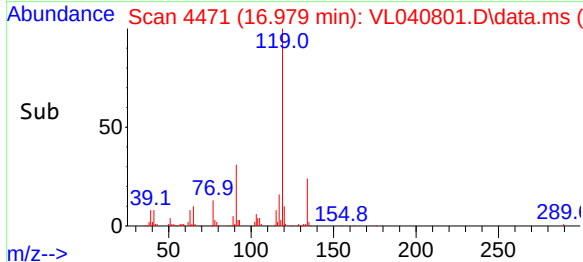
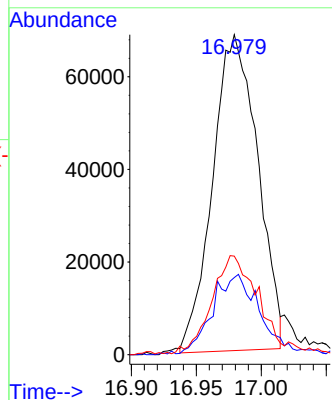
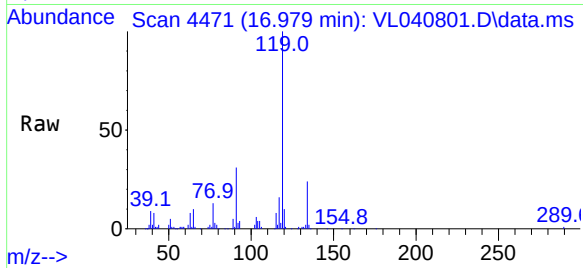




#69
p-Isopropyltoluene
Concen: 0.449 ppbv
RT: 16.979 min Scan# 4477
Delta R.T. -0.019 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

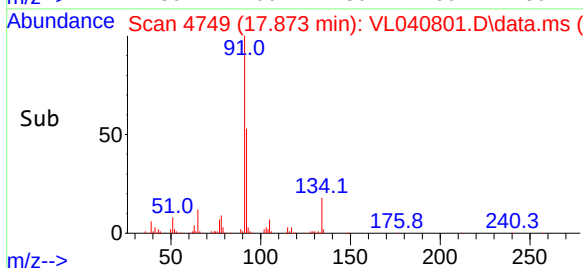
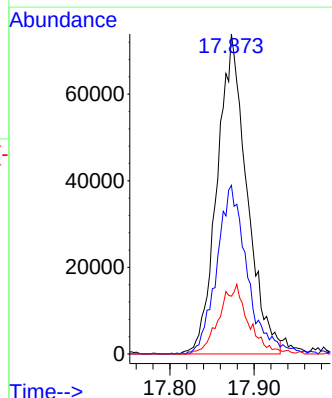
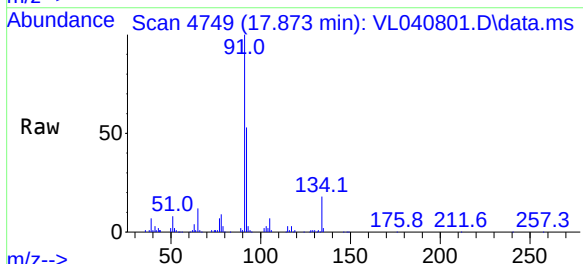
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

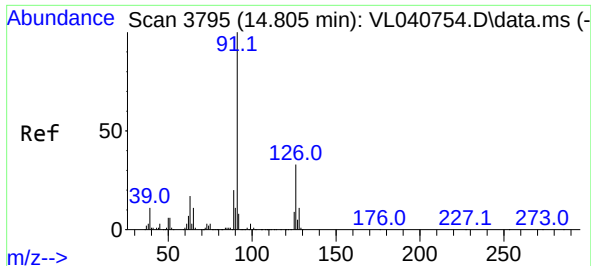
Tgt Ion:119 Resp: 164667
Ion Ratio Lower Upper
119 100
134 27.8 21.0 31.4
91 34.2 22.8 34.2#



#70
n-Butylbenzene
Concen: 0.502 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.019 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion: 91 Resp: 180844
Ion Ratio Lower Upper
91 100
92 54.6 44.1 66.1
134 21.6 19.5 29.3

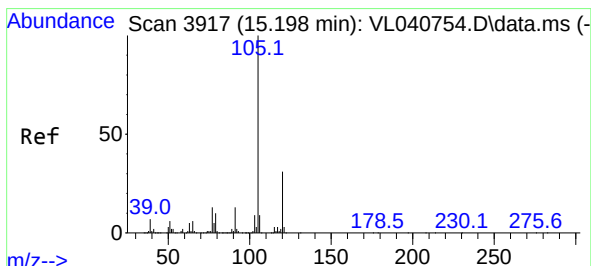
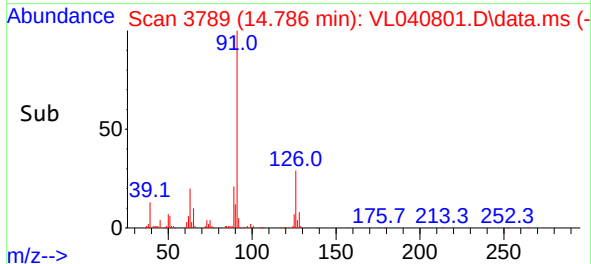
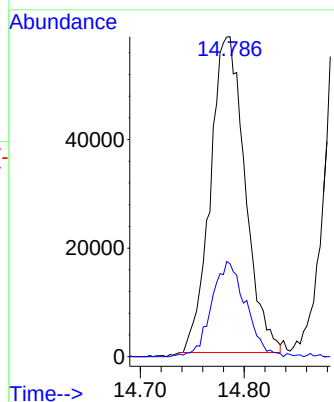
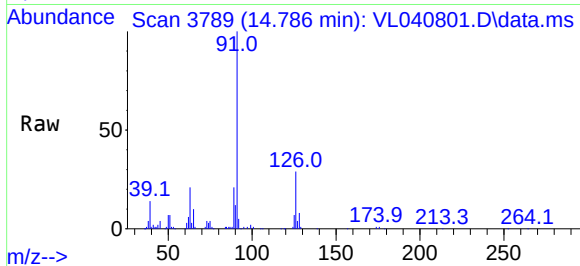




#71
2-Chlorotoluene
Concen: 0.508 ppbv
RT: 14.786 min Scan# 3111
Delta R.T. -0.019 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

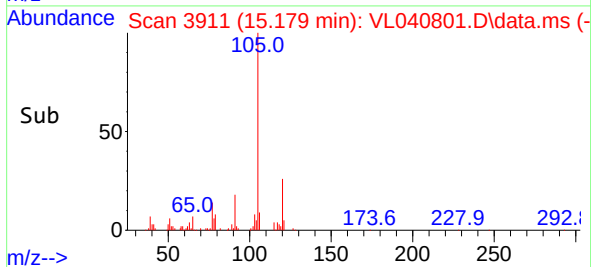
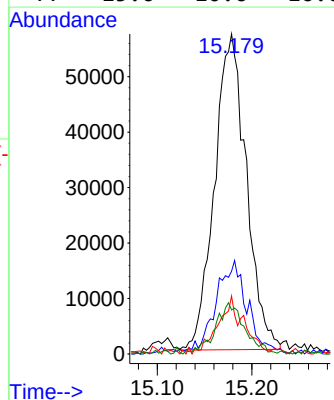
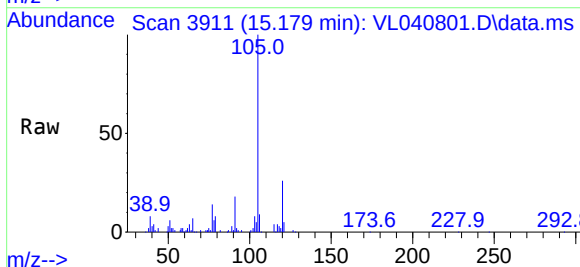
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

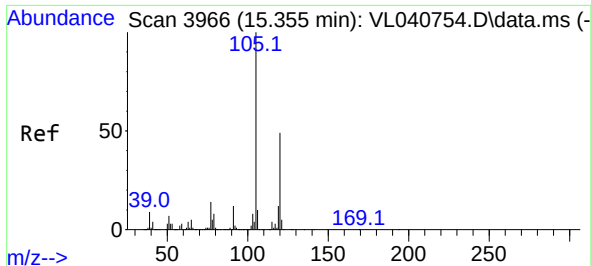
Tgt Ion: 91 Resp: 135110
Ion Ratio Lower Upper
91 100
126 29.8 13.3 53.1



#72
4-Ethyltoluene
Concen: 0.492 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.019 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion:105 Resp: 132780
Ion Ratio Lower Upper
105 100
120 30.7 25.0 37.4
91 15.6 9.8 14.8#
77 15.6 10.6 16.0

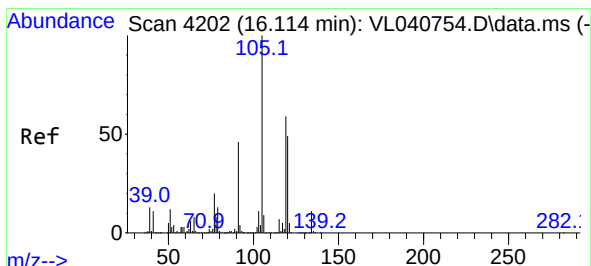
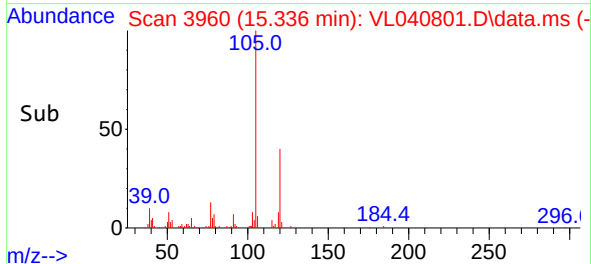
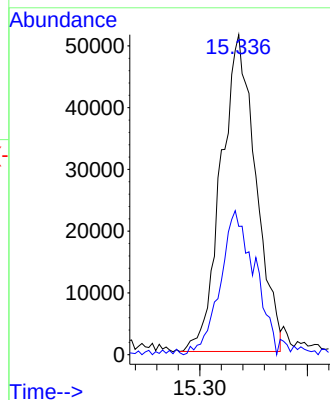
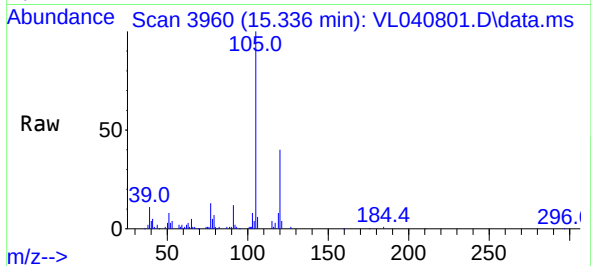




#73
1,3,5-Trimethylbenzene
Concen: 0.486 ppbv
RT: 15.336 min Scan# 3966
Delta R.T. -0.019 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

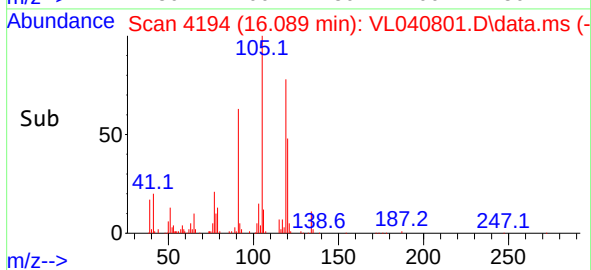
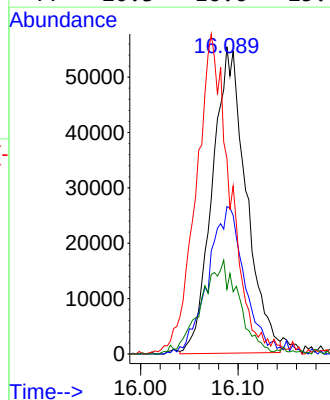
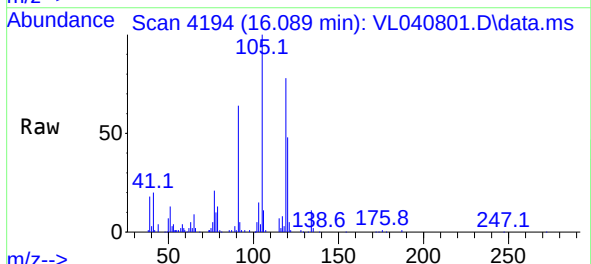
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2023DL

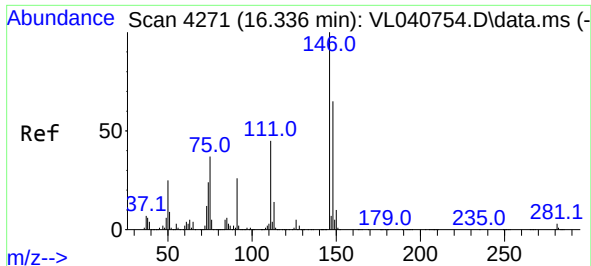
Tgt Ion:105 Resp: 115363
Ion Ratio Lower Upper
105 100
120 39.9 39.4 59.2



#74
1,2,4-Trimethylbenzene
Concen: 0.514 ppbv
RT: 16.089 min Scan# 4194
Delta R.T. -0.026 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion:105 Resp: 133368
Ion Ratio Lower Upper
105 100
120 46.1 39.4 59.2
91 61.4 38.6 58.0#
77 20.3 16.6 25.0

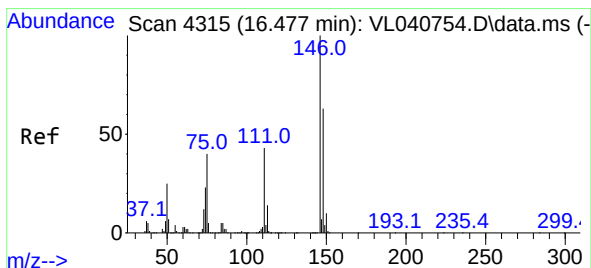
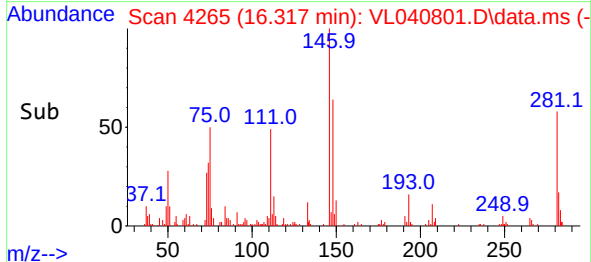
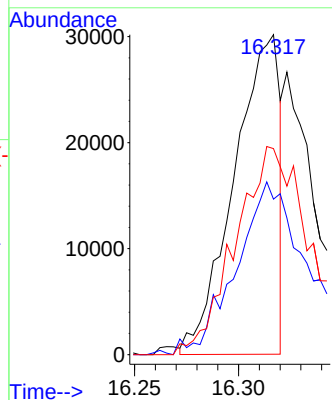
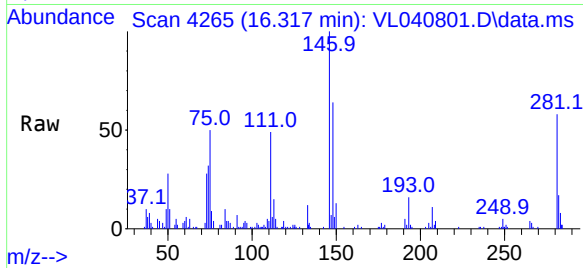




#75
1,3-Dichlorobenzene
Concen: 0.286 ppbv
RT: 16.317 min Scan# 4109
Delta R.T. -0.019 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

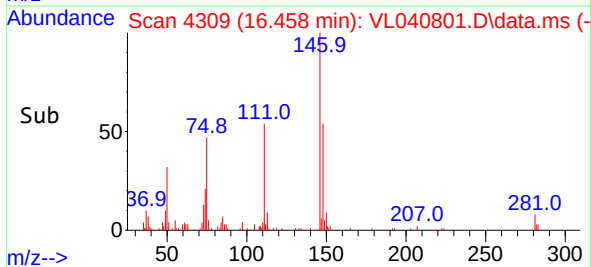
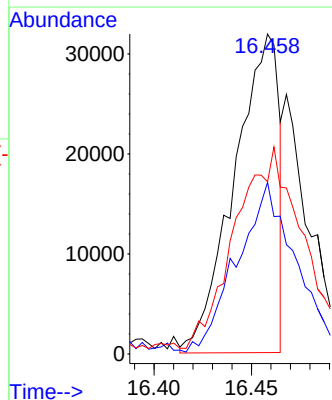
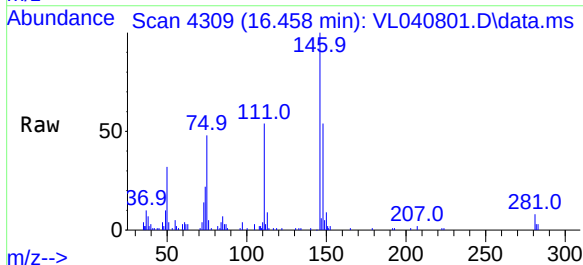
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

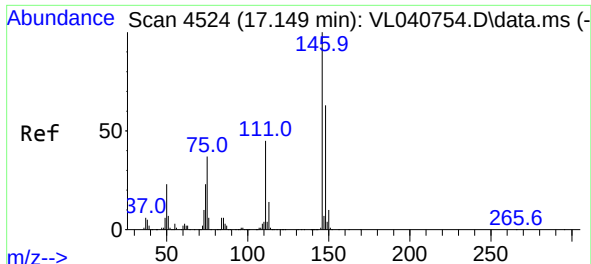
Tgt Ion:146 Resp: 46170
Ion Ratio Lower Upper
146 100
111 91.6 22.6 67.7#
148 111.6 32.4 97.0#



#76
1,4-Dichlorobenzene
Concen: 0.318 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. -0.019 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion:146 Resp: 50746
Ion Ratio Lower Upper
146 100
111 74.1 22.0 66.0#
148 107.2 33.4 100.1#

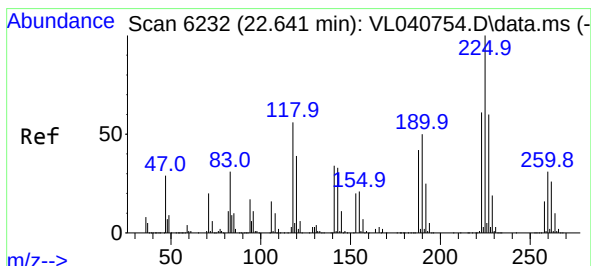
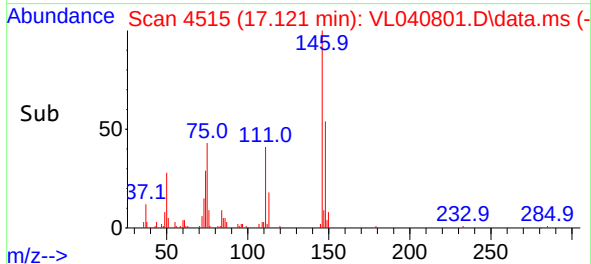
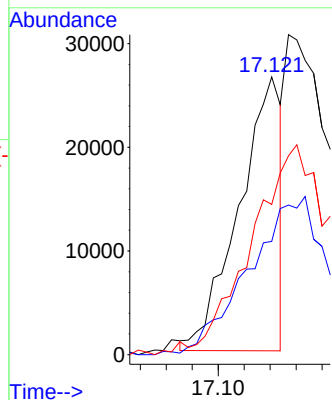
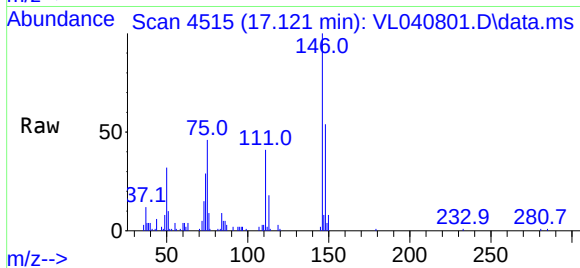




#77
1,2-Dichlorobenzene
Concen: 0.189 ppbv
RT: 17.121 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

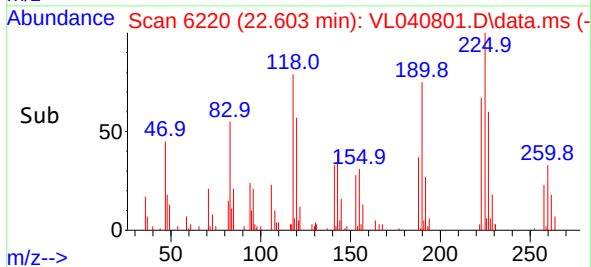
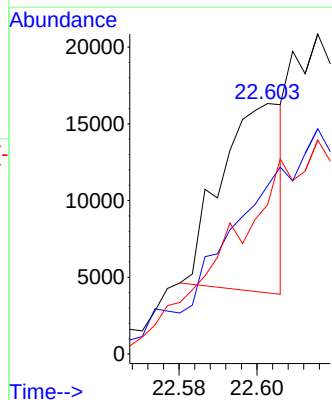
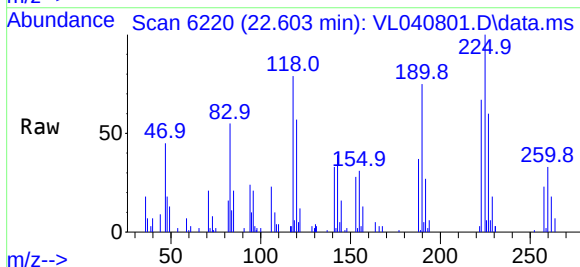
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

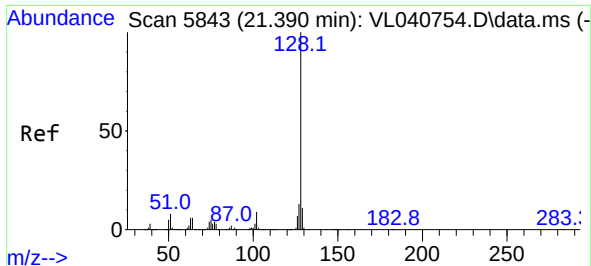
Tgt Ion:146 Resp: 29922
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.8#
148 0.0 32.3 96.8#



#78
Hexachloro-1,3-Butadiene
Concen: 0.118 ppbv
RT: 22.603 min Scan# 6220
Delta R.T. -0.038 min
Lab File: VL040801.D
Acq: 25 Oct 2023 15:36

Tgt Ion:225 Resp: 13316
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 0.0 51.4 77.0#





#79

Naphthalene

Concen: 0.079 ppbv

RT: 21.362 min Scan# 51

Delta R.T. -0.029 min

Lab File: VL040801.D

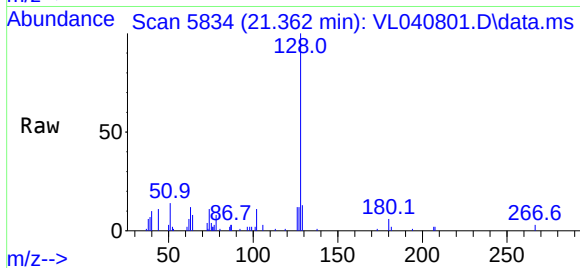
Acq: 25 Oct 2023 15:36

Instrument :

MSVOA_L

ClientSampleId :

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Tgt Ion:128 Resp: 16588

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

129 13.9 9.0 13.4#

