

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040805.D
 Acq On : 25 Oct 2023 18:12
 Operator : SY/MD
 Sample : 04699-15 0.40 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Oct 26 03:53:53 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	899490	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2336843	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.446	117	2191415	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1749825	10.852	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	81775	0.516	ppbv	97
3) Chlorodifluoromethane	2.690	51	68365	0.517	ppbv	99
4) Chloromethane	2.825	50	23924	0.458	ppbv	99
5) Vinyl Chloride	2.932	62	21847	0.405	ppbv	98
6) Bromomethane	3.131	94	5944	0.266	ppbv	95
7) Chloroethane	3.205	64	7637	0.435	ppbv	91
8) Dichlorotetrafluoroethane	2.870	85	60655	0.505	ppbv	99
9) Propene	2.710	41	22925	0.467	ppbv	92
10) Heptane	7.571	43	49860	0.404	ppbv	98
11) Trichlorofluoromethane	3.568	101	61896	0.506	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.070	101	19868	0.228	ppbv #	5
13) Ethanol	3.266	45	2986	0.269	ppbv #	33
14) Bromoethene	3.372	108	16289	0.436	ppbv #	84
15) Acetone	3.491	43	29559	0.318	ppbv #	48
16) 1,3-Butadiene	3.002	39	6333	0.130	ppbv #	1
17) tert-Butyl alcohol	3.896	59	35264	0.370	ppbv	96
18) 1,1-Dichloroethene	3.883	96	18368	0.470	ppbv #	91
19) Isopropyl Alcohol	3.604	45	21620	0.361	ppbv #	49
20) Methylene Chloride	3.938	84	23970	0.619	ppbv #	85
21) Allyl Chloride	4.002	41	25884	0.422	ppbv	87
22) trans-1,2-Dichloroethene	4.446	96	15522	0.373	ppbv #	60
23) Vinyl Acetate	4.632	43	40391	0.341	ppbv #	92
24) 1,1-Dichloroethane	4.562	63	38163	0.427	ppbv	97
25) Ethyl Acetate	5.208	43	82368	0.404	ppbv	99
26) Hexane	5.208	57	42076	0.452	ppbv	91
27) Carbon Disulfide	4.128	76	37081	0.361	ppbv #	66
28) Methyl tert-Butyl Ether	4.594	73	25591	0.353	ppbv	92
29) Chloroform	5.266	83	65552	0.487	ppbv	93
30) Cyclohexane	6.584	84	14592	0.184	ppbv #	1
31) cis-1,2-Dichloroethene	5.076	61	37367	0.435	ppbv #	85
32) 1,1,1-Trichloroethane	5.992	97	53733	0.375	ppbv #	83
34) 2-Butanone	4.803	43	49419	0.467	ppbv	92
35) Carbon Tetrachloride	6.481	117	61132	0.466	ppbv	90
36) Benzene	6.359	78	79969	0.445	ppbv	97
37) 1,2-Dichloroethane	5.800	62	24266	0.264	ppbv #	80
38) Trichloroethene	7.275	130	30539	0.384	ppbv #	89
39) 1,2-Dichloropropane	7.057	63	27264	0.388	ppbv #	87
40) 1,4-Dioxane	7.291	88	983	0.037	ppbv #	1
42) Bromodichloromethane	7.234	83	63091	0.458	ppbv	94
43) Methyl Methacrylate	7.468	69	25067	0.348	ppbv #	76
44) 2,2,4-Trimethylpentane	7.314	57	71103	0.234	ppbv #	34
45) t-1,3-Dichloropropene	8.693	75	3407	0.059	ppbv	98
46) cis-1,3-Dichloropropene	8.127	75	12797	0.183	ppbv #	68

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Quant Time: Oct 26 03:53:53 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

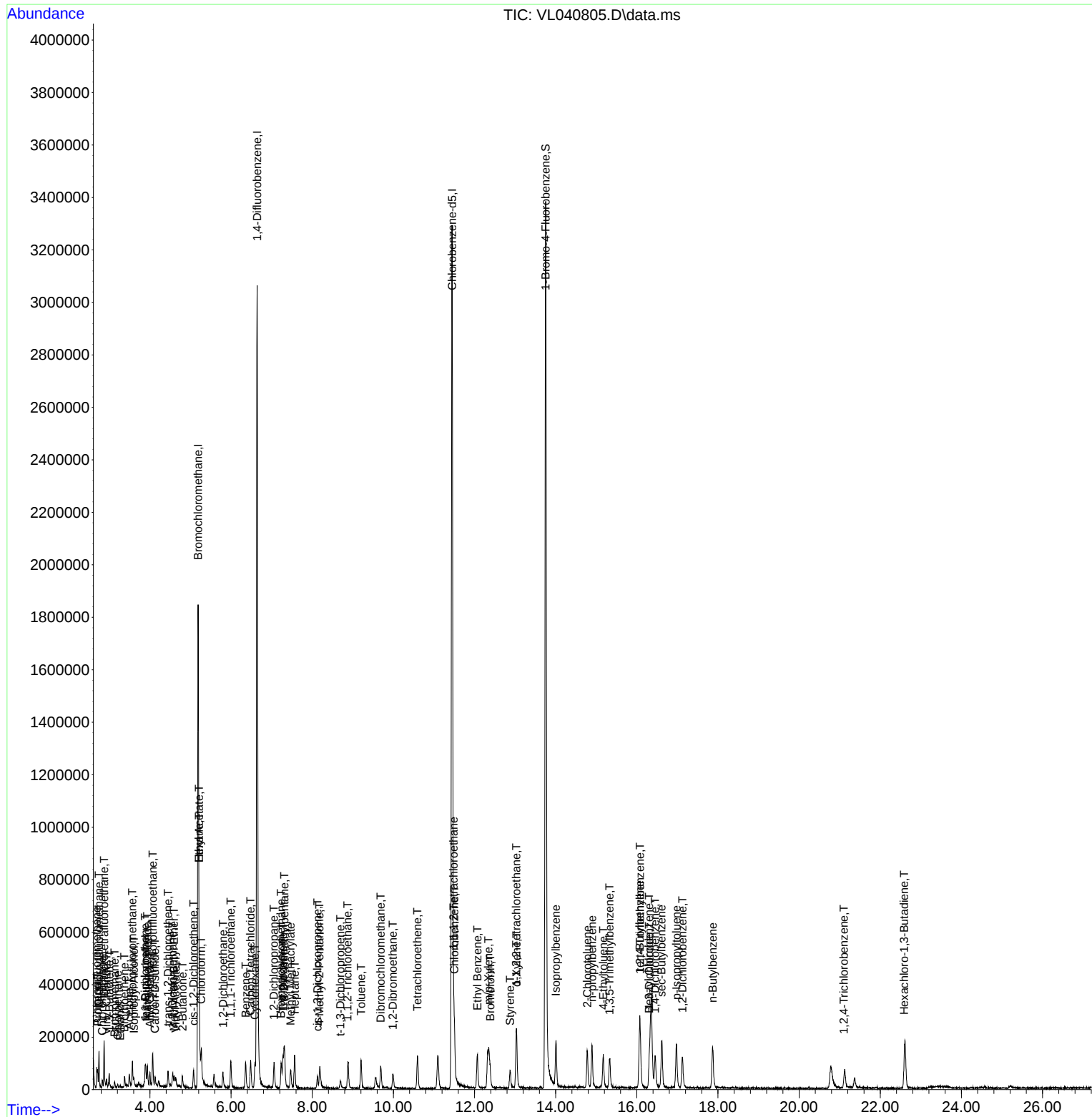
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.873	97	13098	0.178	ppbv	90
48) Dibromochloromethane	9.690	129	27820	0.225	ppbv #	30
49) Bromoform	12.388	173	34154	0.340	ppbv	94
50) 4-Methyl-2-Pentanone	8.179	43	24005	0.133	ppbv #	39
52) Tetrachloroethene	10.594	164	16343	0.224	ppbv #	89
53) Toluene	9.205	91	81314	0.380	ppbv	98
54) 1,2-Dibromoethane	9.986	107	19636	0.190	ppbv	86
56) 1,1,1,2-Tetrachloroethane	11.487	131	21882	0.245	ppbv #	18
57) Chlorobenzene	11.504	112	71250	0.454	ppbv	97
58) Ethyl Benzene	12.073	91	112019	0.406	ppbv	91
59) m/p-Xylene	12.343	91	27600	0.122	ppbv #	30
60) o-Xylene	13.037	91	94994	0.439	ppbv	99
61) Styrene	12.876	104	41936	0.350	ppbv	96
62) Isopropylbenzene	14.008	105	144700	0.435	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.028	83	70748	0.436	ppbv	95
64) n-propylbenzene	14.899	120	11753	0.131	ppbv #	1
65) tert-Butylbenzene	16.072	119	128184	0.427	ppbv	88
66) Benzyl Chloride	16.301	91	1202	0.040	ppbv #	61
67) sec-Butylbenzene	16.609	105	82351	0.200	ppbv #	57
69) p-Isopropyltoluene	16.979	119	131175	0.381	ppbv #	93
70) n-Butylbenzene	17.870	91	140281	0.415	ppbv	95
71) 2-Chlorotoluene	14.780	91	105109	0.420	ppbv	97
72) 4-Ethyltoluene	15.172	105	100586	0.397	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.327	105	40155	0.180	ppbv	97
74) 1,2,4-Trimethylbenzene	16.079	105	42171	0.173	ppbv #	86
75) 1,3-Dichlorobenzene	16.304	146	25784	0.170	ppbv #	23
76) 1,4-Dichlorobenzene	16.449	146	27496	0.183	ppbv #	1
77) 1,2-Dichlorobenzene	17.124	146	60211	0.405	ppbv	88
78) Hexachloro-1,3-Butadiene	22.587	225	8861	0.083	ppbv #	18
81) 1,2,4-Trichlorobenzene	21.101	180	4930	0.046	ppbv #	11

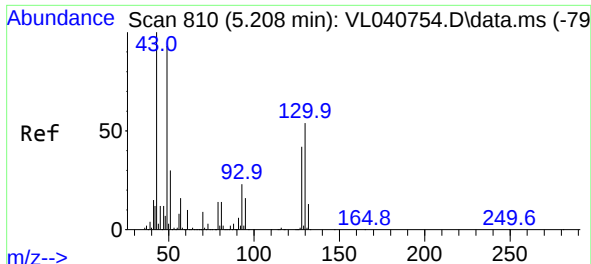
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_L

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

Quant Time: Oct 26 03:53:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Oct 12 00:21:08 2023
Response via : Initial Calibration

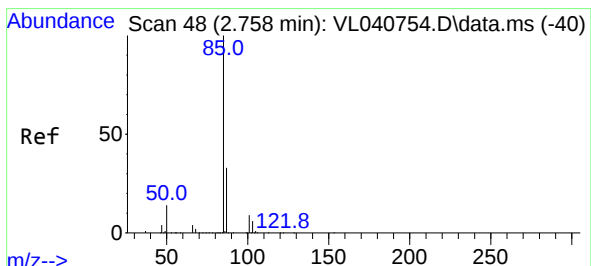
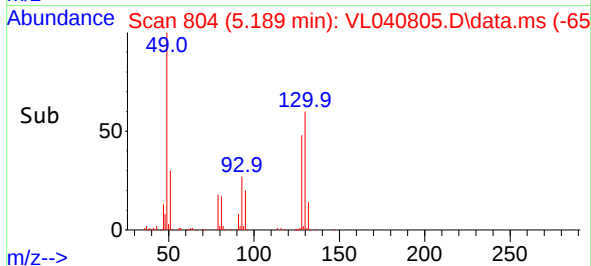
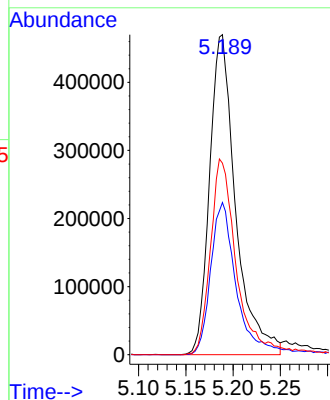
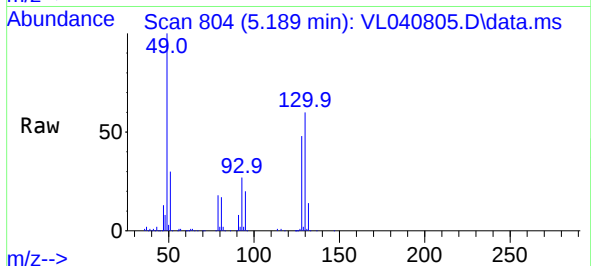




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.019 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

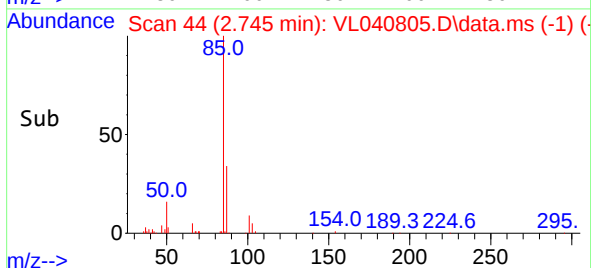
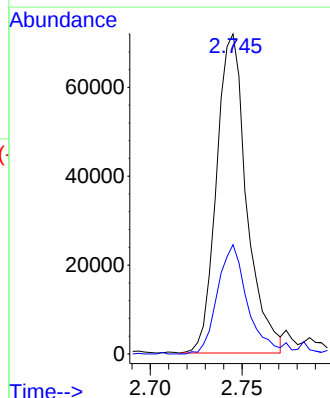
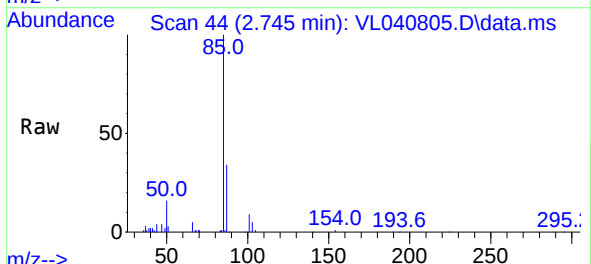
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 49 Resp: 899490
Ion Ratio Lower Upper
49 100
128 48.0 23.9 71.7
130 62.8 30.7 92.1

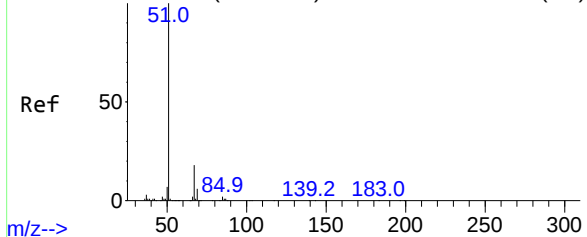


#2
Dichlorodifluoromethane
Concen: 0.516 ppbv
RT: 2.745 min Scan# 44
Delta R.T. -0.013 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 85 Resp: 81775
Ion Ratio Lower Upper
85 100
87 34.3 26.0 39.0



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

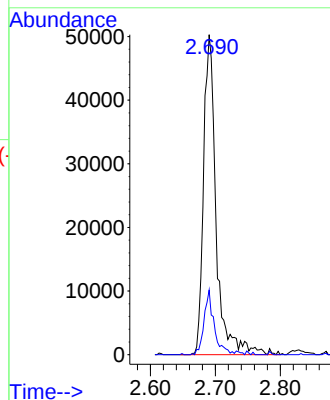
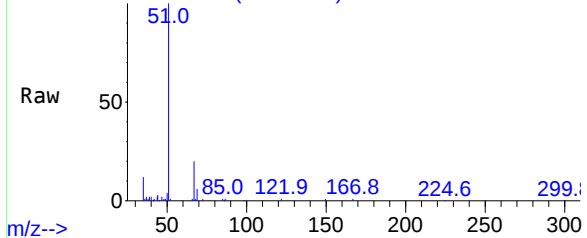


#3
Chlorodifluoromethane
Concen: 0.517 ppbv
RT: 2.690 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

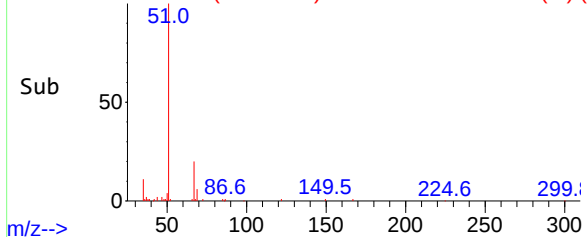
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 51 Resp: 68365
Ion Ratio Lower Upper
51 100
67 17.0 13.8 20.6

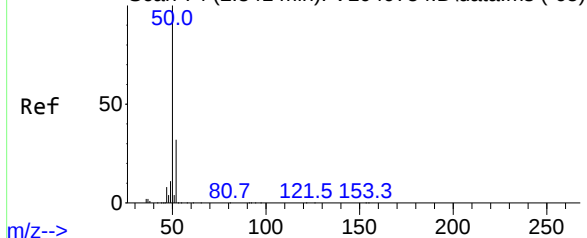
Abundance Scan 27 (2.690 min): VL040805.D\data.ms



Abundance Scan 27 (2.690 min): VL040805.D\data.ms (-1) (-1)



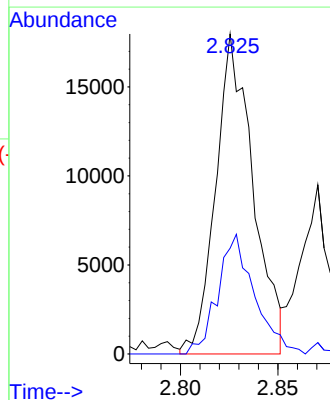
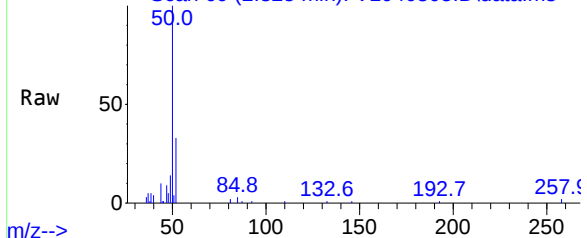
Abundance Scan 74 (2.841 min): VL040754.D\data.ms (-65)



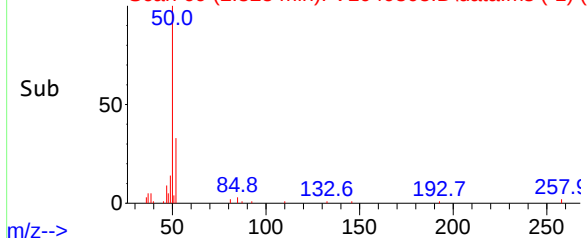
#4
Chloromethane
Concen: 0.458 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.016 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

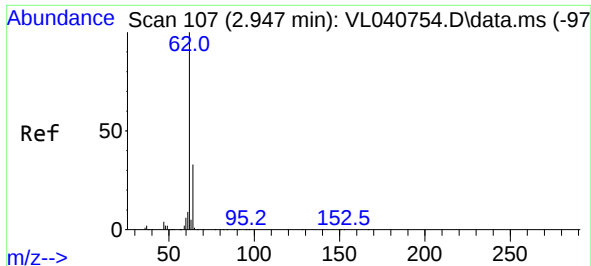
Tgt Ion: 50 Resp: 23924
Ion Ratio Lower Upper
50 100
52 32.3 25.3 37.9

Abundance Scan 69 (2.825 min): VL040805.D\data.ms



Abundance Scan 69 (2.825 min): VL040805.D\data.ms (-1) (-1)

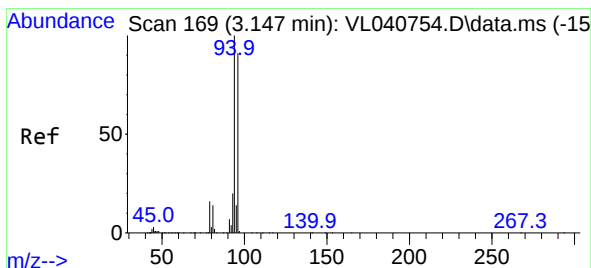
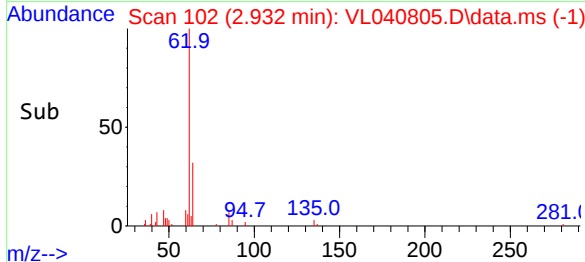
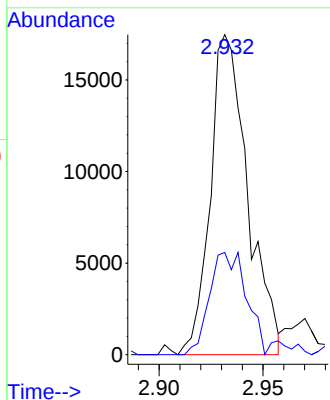
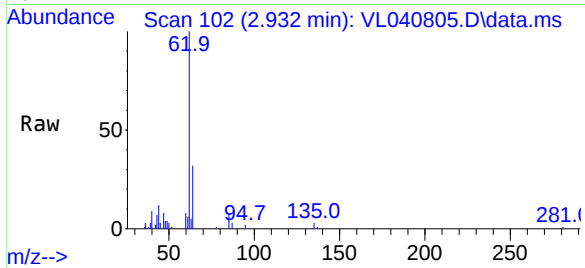




#5
Vinyl Chloride
Concen: 0.405 ppbv
RT: 2.932 min Scan# 107
Delta R.T. -0.016 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

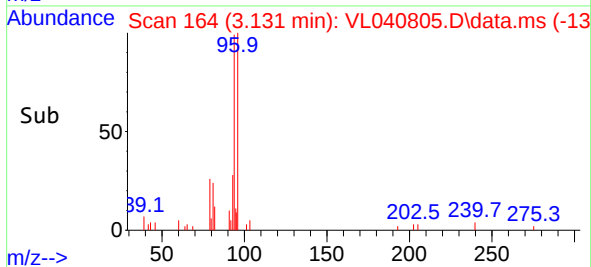
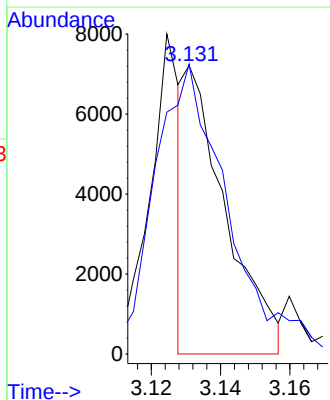
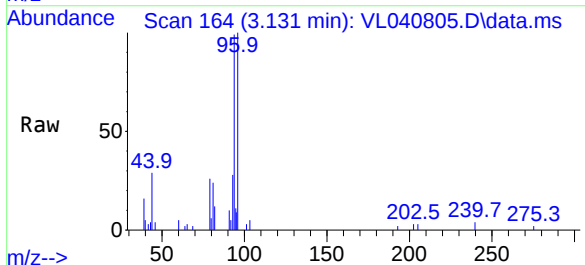
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

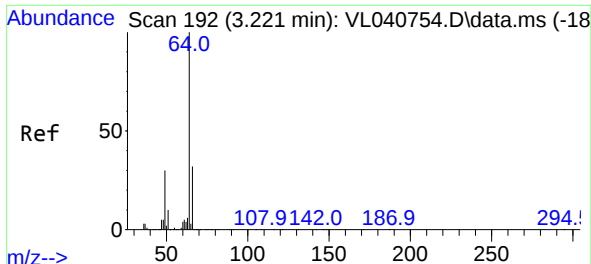
Tgt Ion: 62 Resp: 21847
Ion Ratio Lower Upper
62 100
64 31.9 26.6 39.8



#6
Bromomethane
Concen: 0.266 ppbv
RT: 3.131 min Scan# 164
Delta R.T. -0.016 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 94 Resp: 5944
Ion Ratio Lower Upper
94 100
96 86.2 72.6 109.0

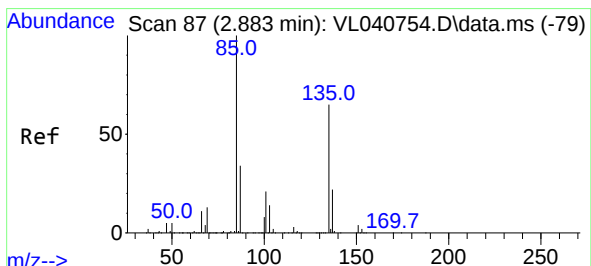
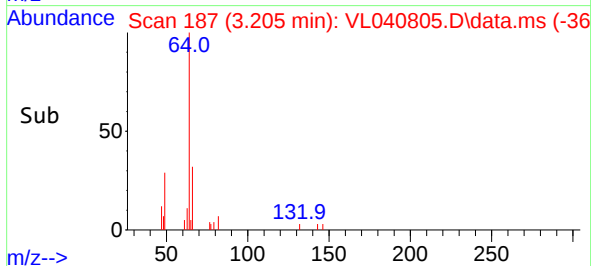
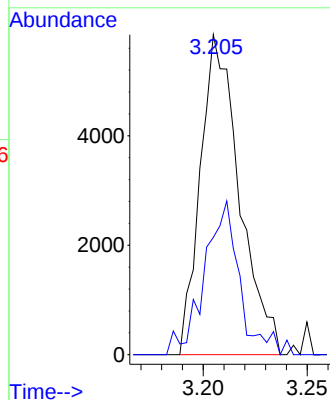
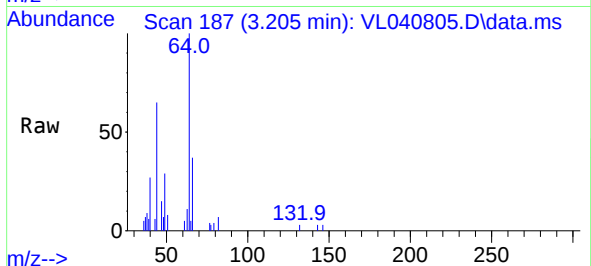




#7
Chloroethane
Concen: 0.435 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

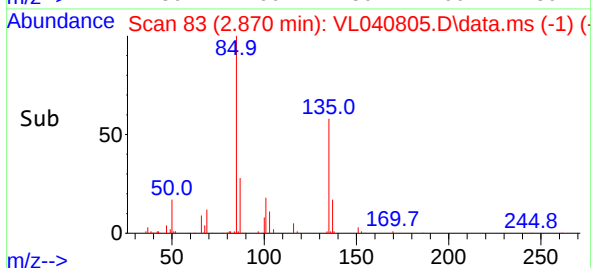
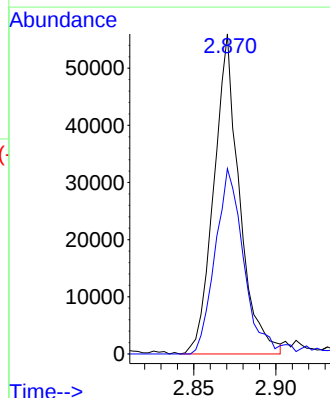
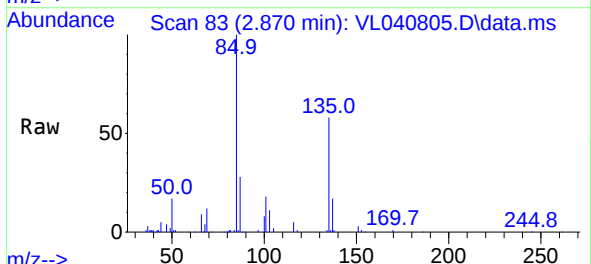
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 64 Resp: 7637
Ion Ratio Lower Upper
64 100
66 36.7 25.4 38.2

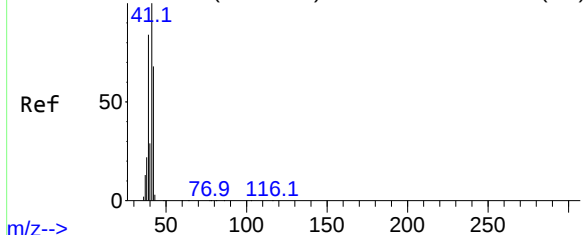


#8
Dichlorotetrafluoroethane
Concen: 0.505 ppbv
RT: 2.870 min Scan# 83
Delta R.T. -0.013 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 85 Resp: 60655
Ion Ratio Lower Upper
85 100
135 68.1 55.4 83.2



Abundance Scan 37 (2.722 min): VL040754.D\data.ms (-27)



#9

Propene

Concen: 0.467 ppbv

RT: 2.710 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL

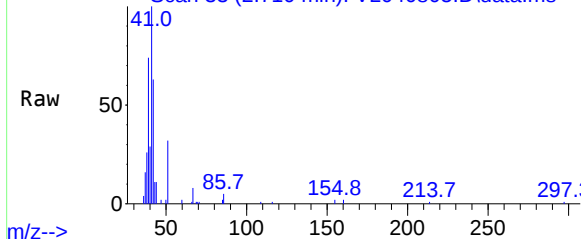
Tgt Ion: 41 Resp: 22925

Ion Ratio Lower Upper

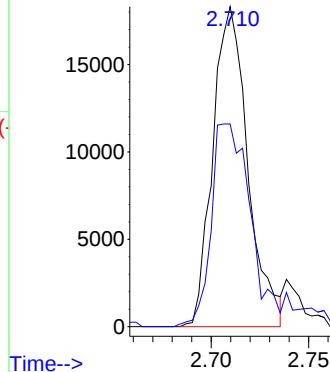
41 100

42 77.9 57.1 85.7

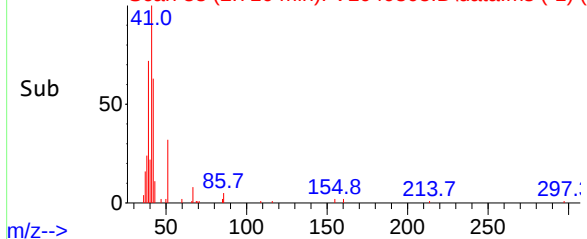
Abundance Scan 33 (2.710 min): VL040805.D\data.ms



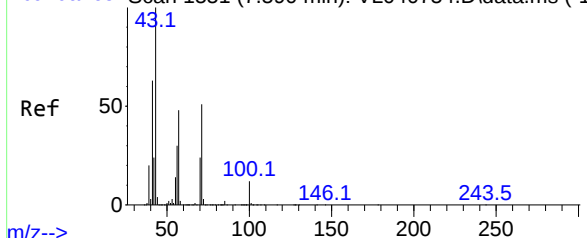
Abundance



Abundance Scan 33 (2.710 min): VL040805.D\data.ms (-1)



Abundance Scan 1551 (7.590 min): VL040754.D\data.ms (-1)



#10

Heptane

Concen: 0.404 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.019 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

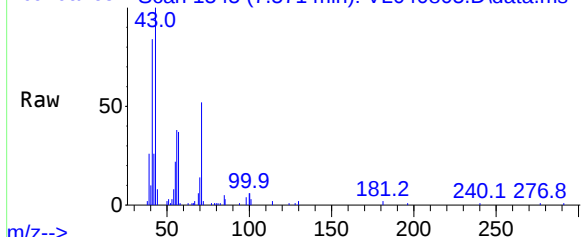
Tgt Ion: 43 Resp: 49860

Ion Ratio Lower Upper

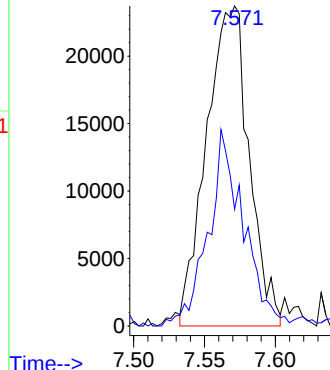
43 100

57 51.7 40.0 60.0

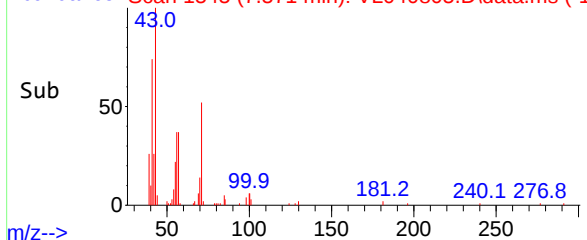
Abundance Scan 1545 (7.571 min): VL040805.D\data.ms

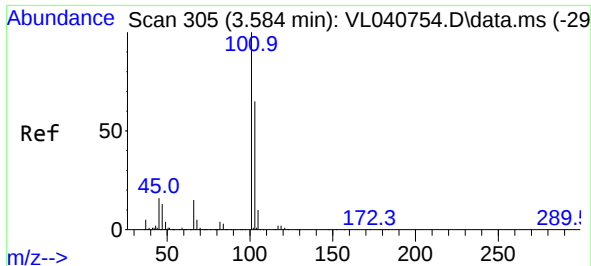


Abundance



Abundance Scan 1545 (7.571 min): VL040805.D\data.ms (-1)

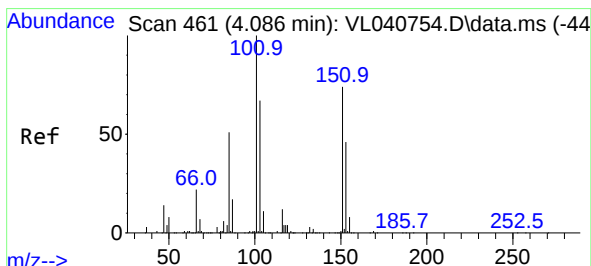
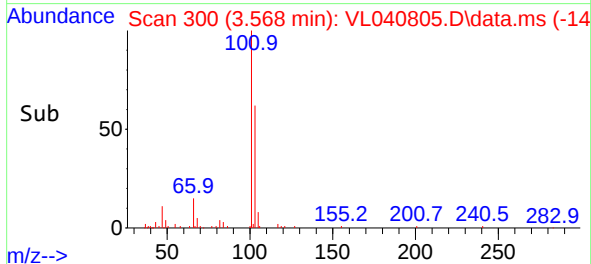
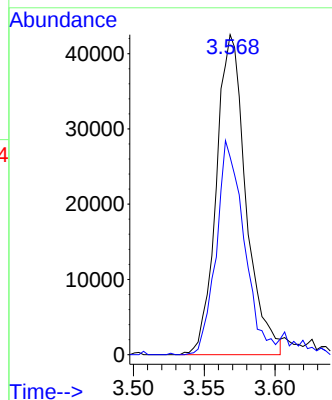
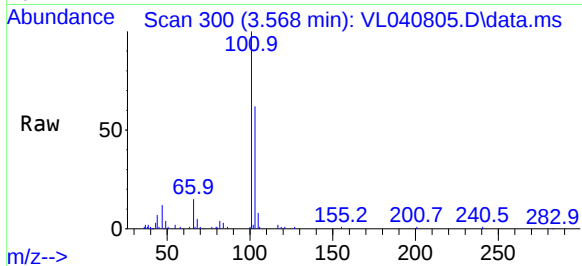




#11
Trichlorofluoromethane
Concen: 0.506 ppbv
RT: 3.568 min Scan# 305
Delta R.T. -0.016 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

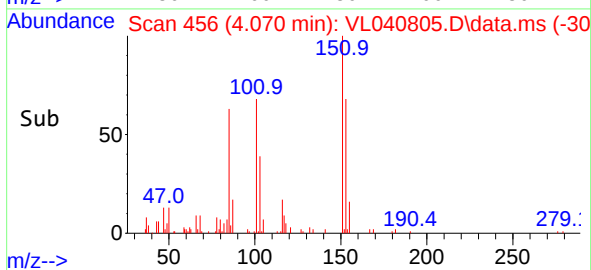
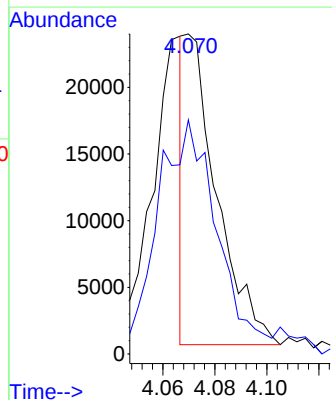
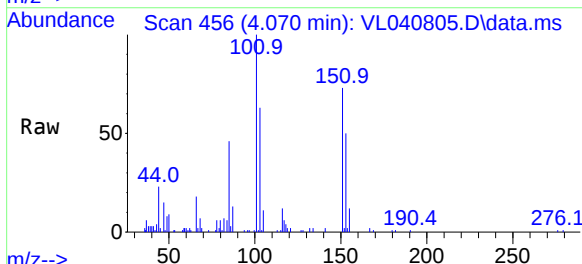
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

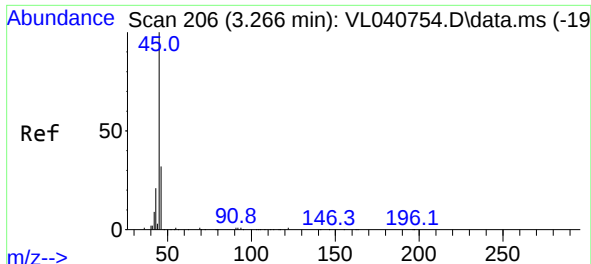
Tgt Ion:101 Resp: 61896
Ion Ratio Lower Upper
101 100
103 61.7 52.2 78.2



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.228 ppbv
RT: 4.070 min Scan# 456
Delta R.T. -0.016 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion:101 Resp: 19868
Ion Ratio Lower Upper
101 100
151 152.2 58.1 87.1#

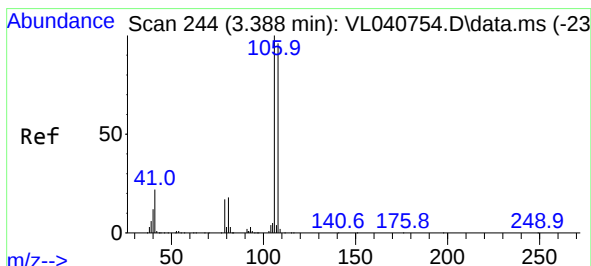
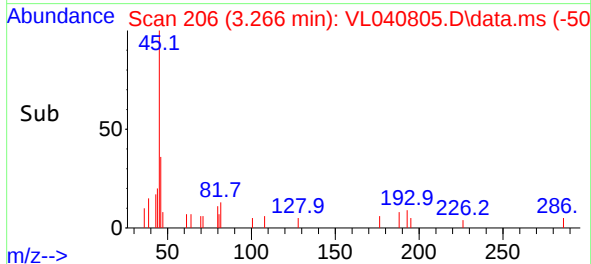
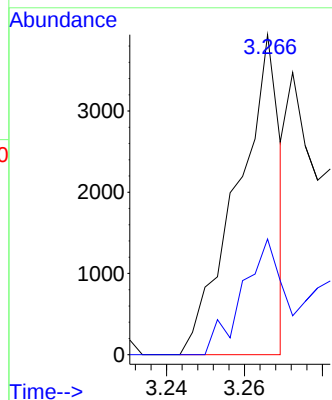
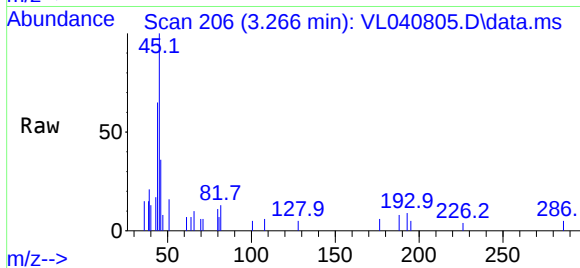




#13
Ethanol
Concen: 0.269 ppbv
RT: 3.266 min Scan# 206
Delta R.T. 0.000 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

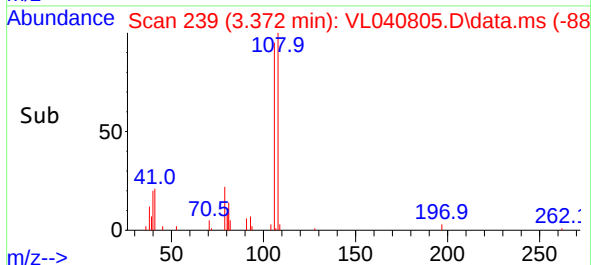
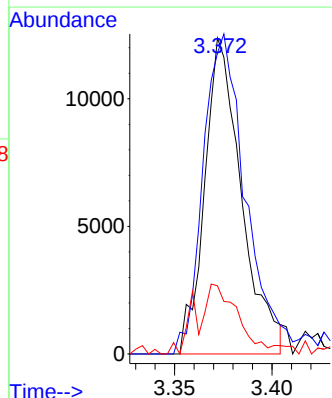
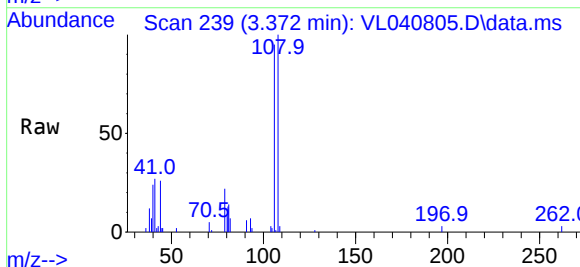
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

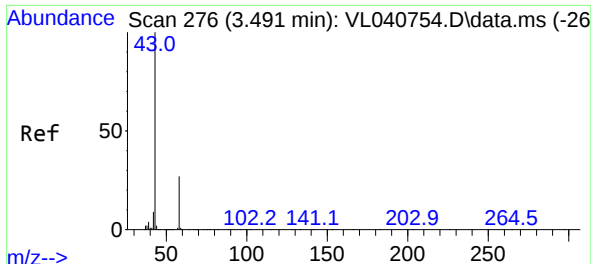
Tgt Ion: 45 Resp: 2986
Ion Ratio Lower Upper
45 100
46 75.8 14.6 58.2#



#14
Bromoethene
Concen: 0.436 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.016 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion:108 Resp: 16289
Ion Ratio Lower Upper
108 100
106 123.3 85.2 127.8
79 26.8 15.7 23.5#

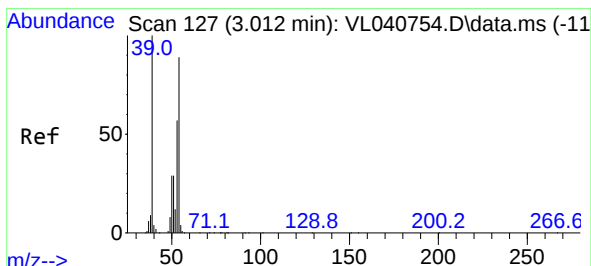
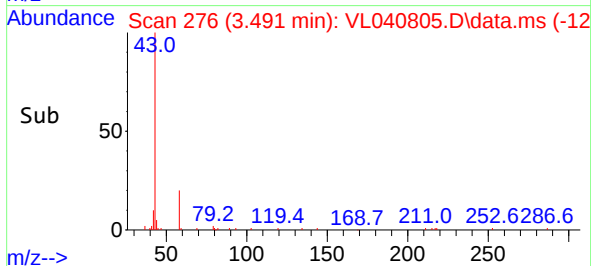
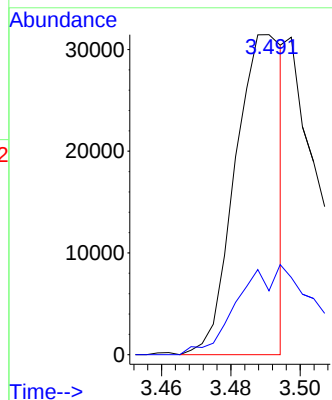
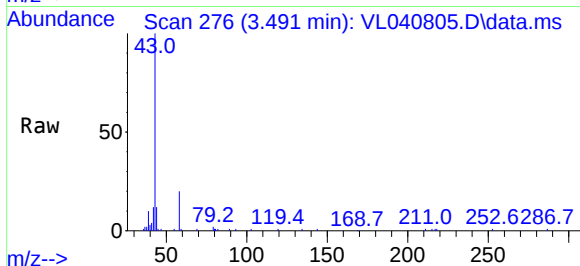




#15
Acetone
Concen: 0.318 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

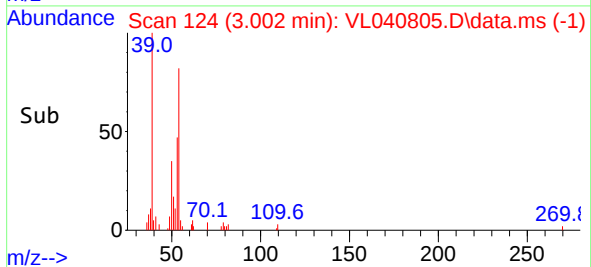
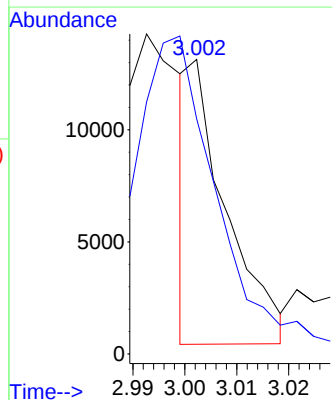
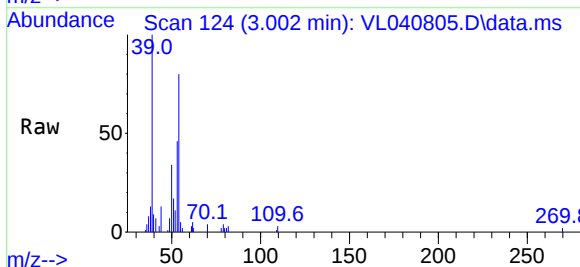
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

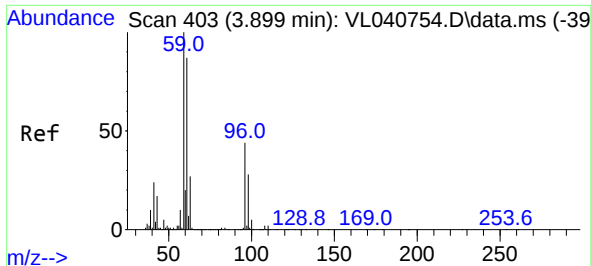
Tgt Ion: 43 Resp: 29559
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4#



#16
1,3-Butadiene
Concen: 0.130 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.009 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 39 Resp: 6333
Ion Ratio Lower Upper
39 100
54 281.3 63.0 94.6#





#17

tert-Butyl alcohol

Concen: 0.370 ppbv

RT: 3.896 min Scan# 403

Delta R.T. -0.003 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

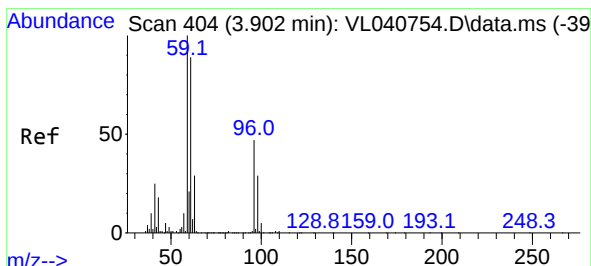
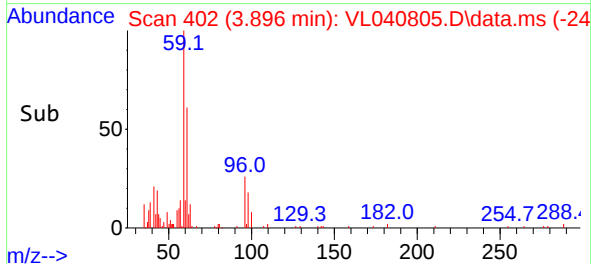
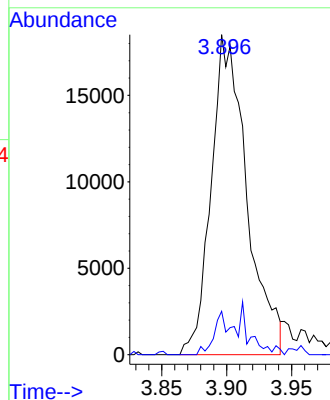
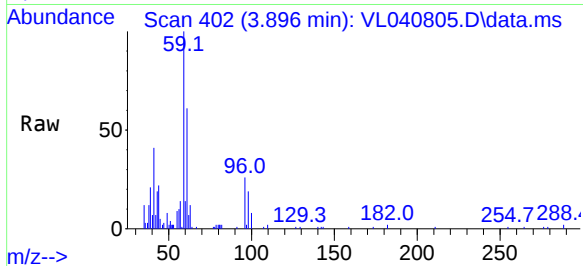
MDL-AIR-03-QT4-2023DL

Tgt Ion: 59 Resp: 35264

Ion Ratio Lower Upper

59 100

57 12.2 8.6 13.0



#18

1,1-Dichloroethene

Concen: 0.470 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.019 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

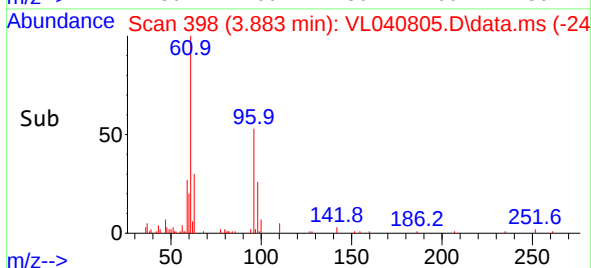
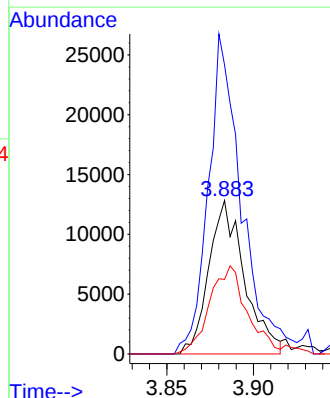
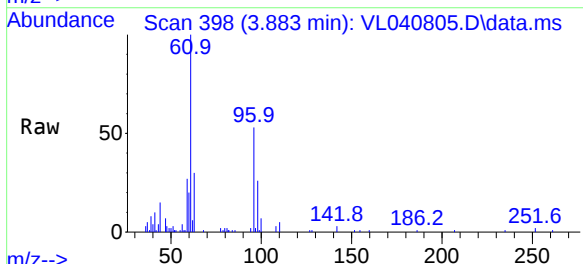
Tgt Ion: 96 Resp: 18368

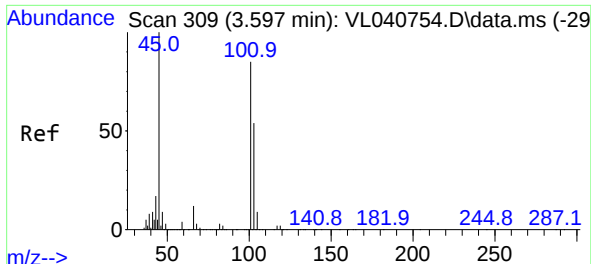
Ion Ratio Lower Upper

96 100

61 181.5 152.5 228.7

98 47.2 49.6 74.4#





#19

Isopropyl Alcohol

Concen: 0.361 ppbv

RT: 3.604 min Scan# 311

Delta R.T. 0.007 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

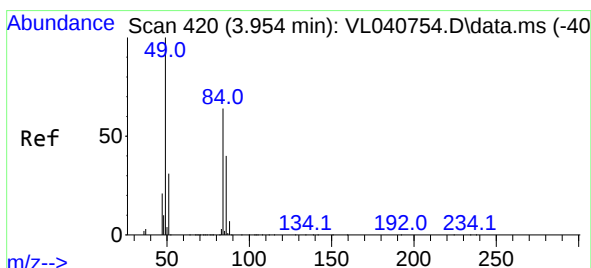
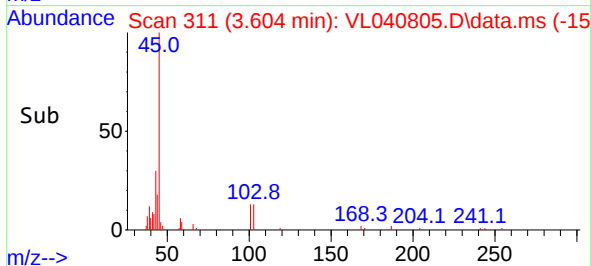
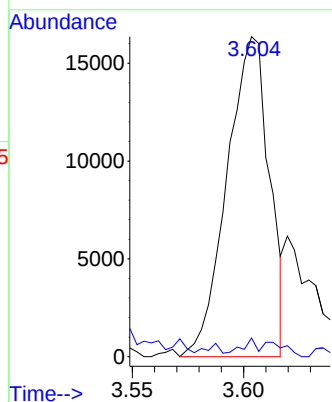
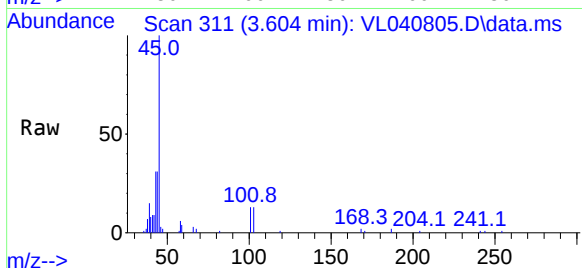
MDL-AIR-03-QT4-2023DL

Tgt Ion: 45 Resp: 21620

Ion Ratio Lower Upper

45 100

58 7.1 30.3 45.5#



#20

Methylene Chloride

Concen: 0.619 ppbv

RT: 3.938 min Scan# 415

Delta R.T. -0.016 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Tgt Ion: 84 Resp: 23970

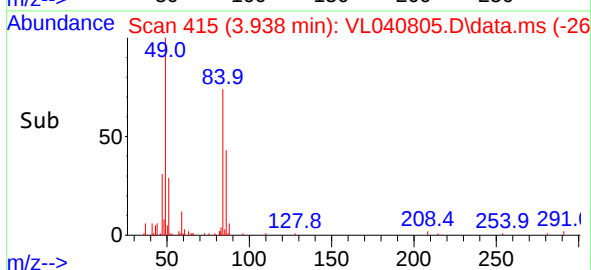
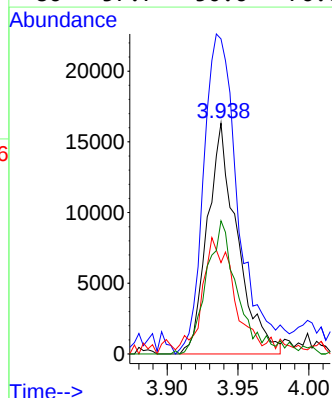
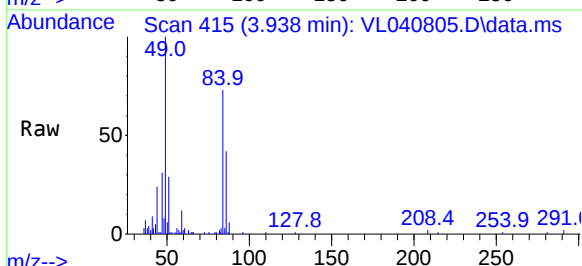
Ion Ratio Lower Upper

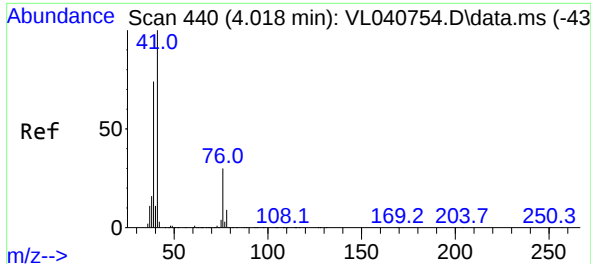
84 100

49 134.5 125.6 188.4

51 36.6 38.9 58.3#

86 57.7 50.6 76.0





#21

Allyl Chloride

Concen: 0.422 ppbv

RT: 4.002 min Scan# 41

Delta R.T. -0.016 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL

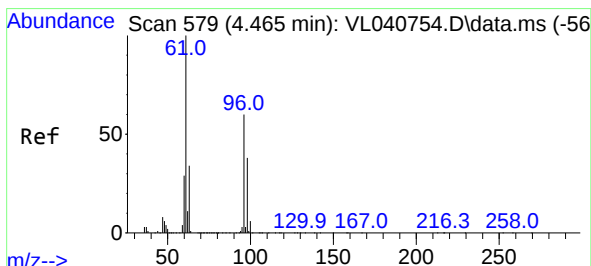
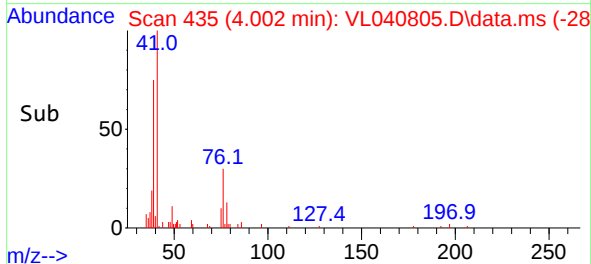
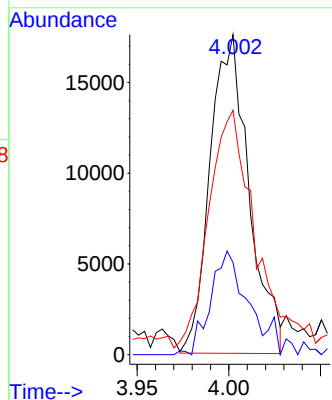
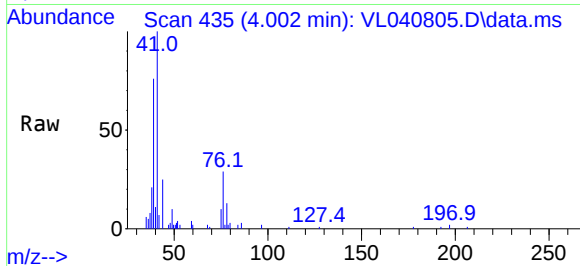
Tgt Ion: 41 Resp: 25884

Ion Ratio Lower Upper

41 100

76 33.8 24.1 36.1

39 93.5 63.8 95.6



#22

trans-1,2-Dichloroethene

Concen: 0.373 ppbv

RT: 4.446 min Scan# 573

Delta R.T. -0.019 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

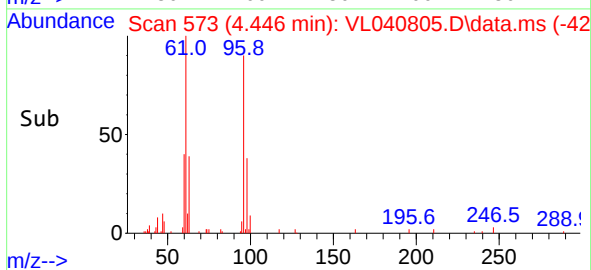
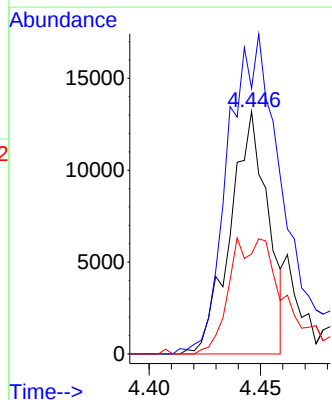
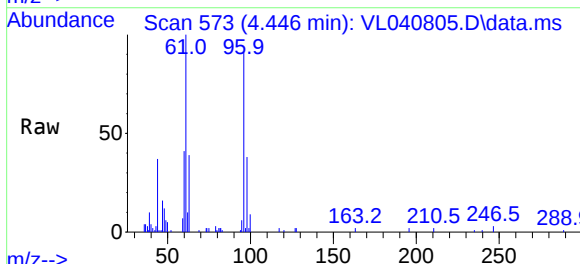
Tgt Ion: 96 Resp: 15522

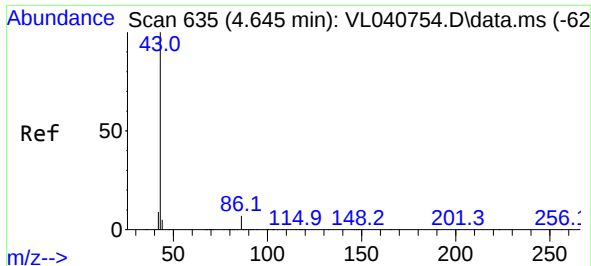
Ion Ratio Lower Upper

96 100

61 107.3 134.0 201.0#

98 41.2 51.0 76.4#

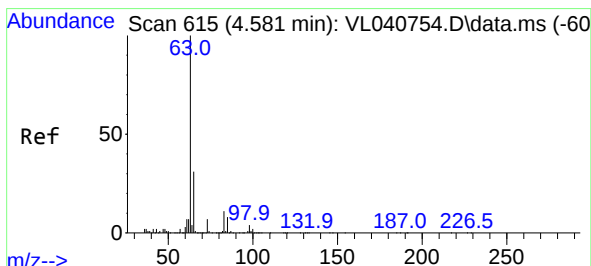
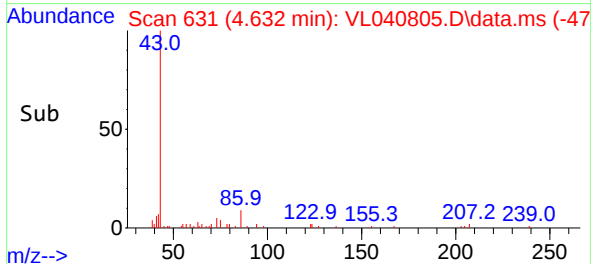
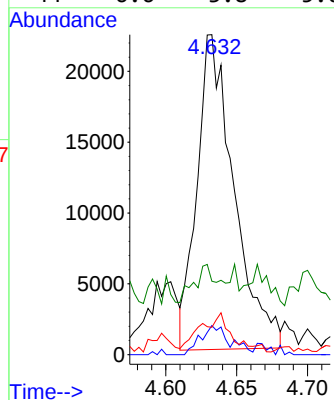
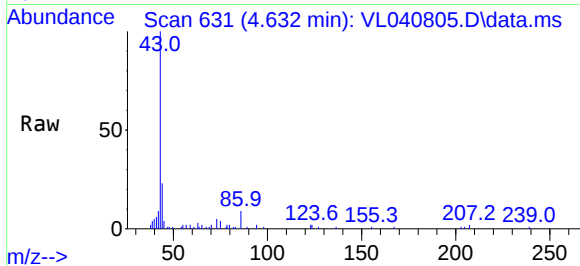




#23
 Vinyl Acetate
 Concen: 0.341 ppbv
 RT: 4.632 min Scan# 610
 Delta R.T. -0.013 min
 Lab File: VL040805.D
 Acq: 25 Oct 2023 18:12

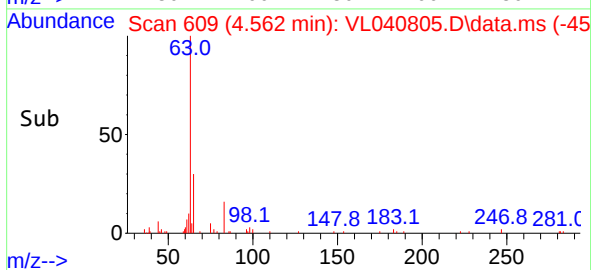
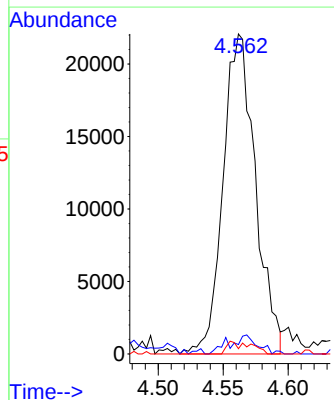
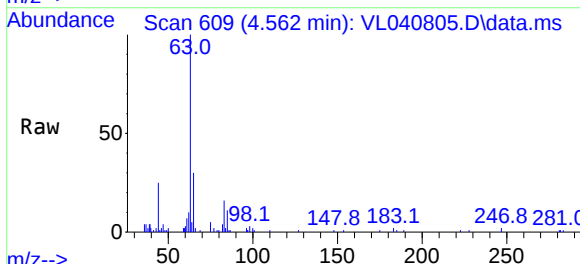
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2023DL

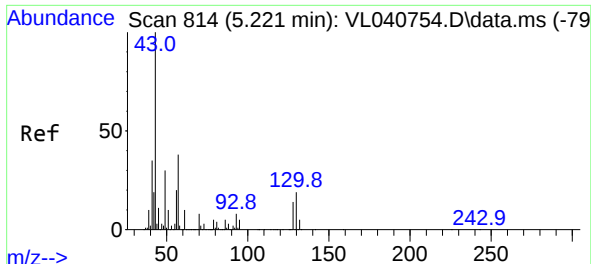
Tgt Ion:	43	Resp:	40391
Ion	Ratio	Lower	Upper
43	100		
86	9.8	4.9	7.3#
42	7.1	7.8	11.6#
44	6.6	3.8	5.6#



#24
 1,1-Dichloroethane
 Concen: 0.427 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.019 min
 Lab File: VL040805.D
 Acq: 25 Oct 2023 18:12

Tgt Ion:	63	Resp:	38163
Ion	Ratio	Lower	Upper
63	100		
98	3.0	2.0	5.8
100	1.6	1.3	3.8





#25

Ethyl Acetate

Concen: 0.404 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.013 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL

Tgt Ion: 43 Resp: 82368

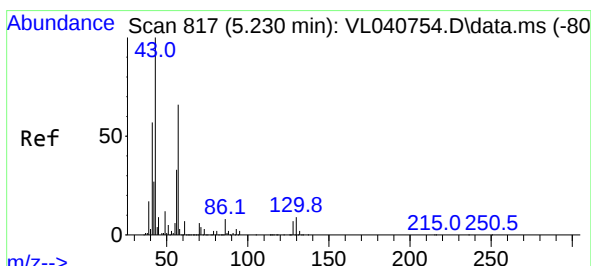
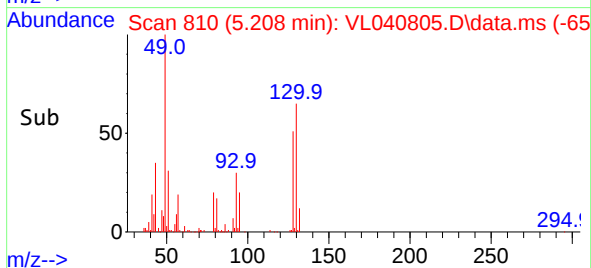
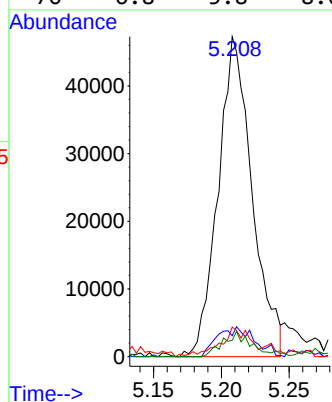
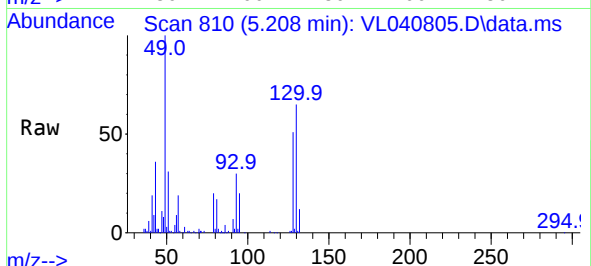
Ion Ratio Lower Upper

43 100

45 10.1 8.2 12.4

61 10.5 8.2 12.2

70 6.8 5.8 8.6



#26

Hexane

Concen: 0.452 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.022 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Tgt Ion: 57 Resp: 42076

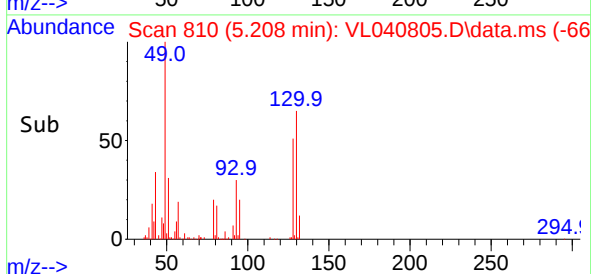
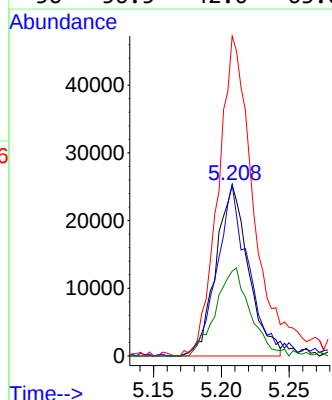
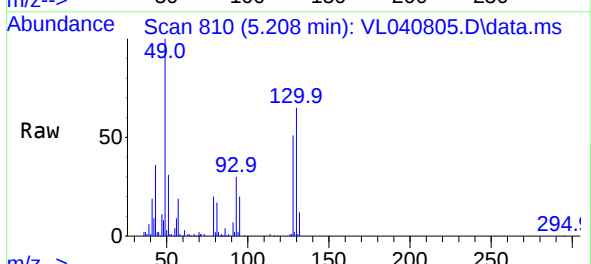
Ion Ratio Lower Upper

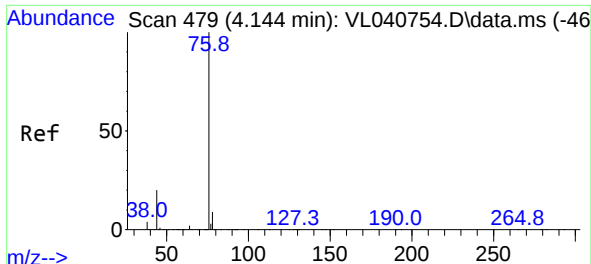
57 100

41 104.3 71.4 107.2

43 216.1 182.3 273.5

56 56.5 42.0 63.0

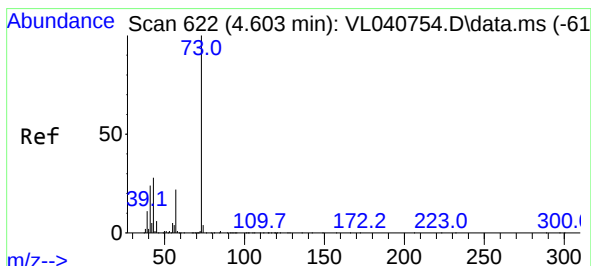
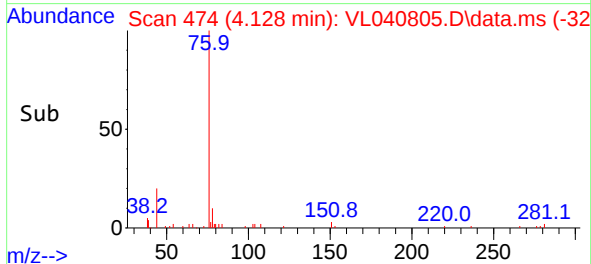
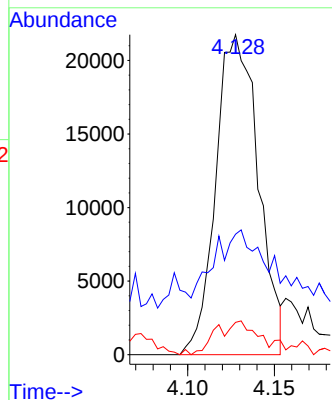
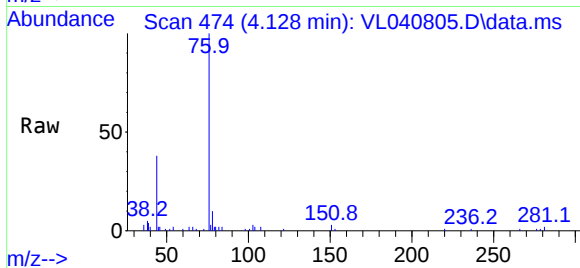




#27
Carbon Disulfide
Concen: 0.361 ppbv
RT: 4.128 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

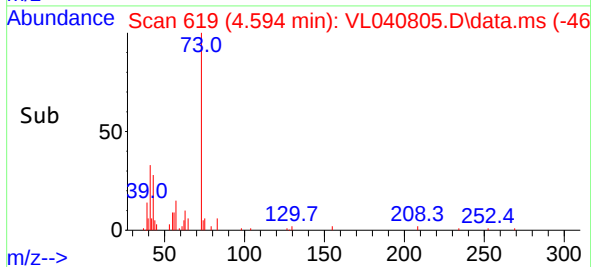
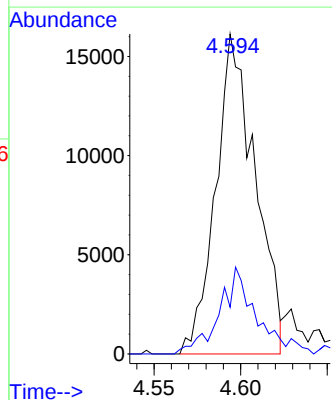
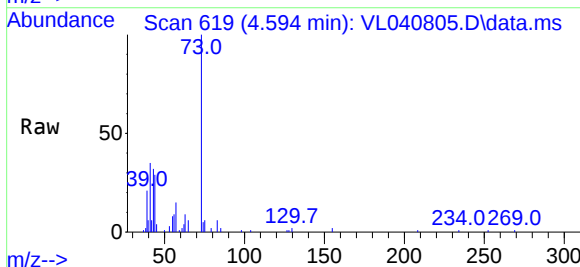
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

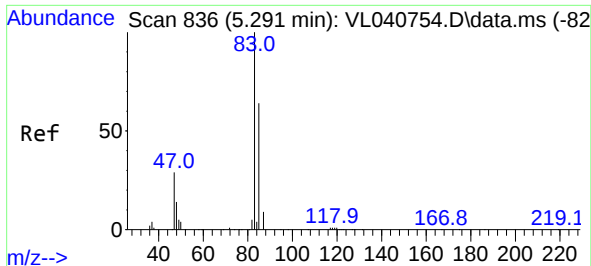
Tgt Ion: 76 Resp: 37081
Ion Ratio Lower Upper
76 100
44 41.3 16.6 25.0#
78 13.7 7.8 11.6#



#28
Methyl tert-Butyl Ether
Concen: 0.353 ppbv
RT: 4.594 min Scan# 619
Delta R.T. -0.009 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 73 Resp: 25591
Ion Ratio Lower Upper
73 100
57 27.5 18.9 28.3





#29

Chloroform

Concen: 0.487 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

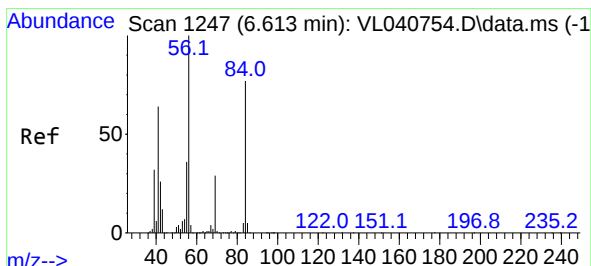
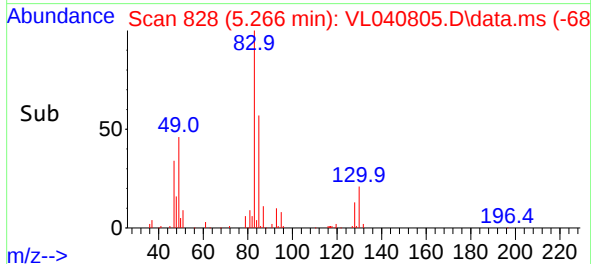
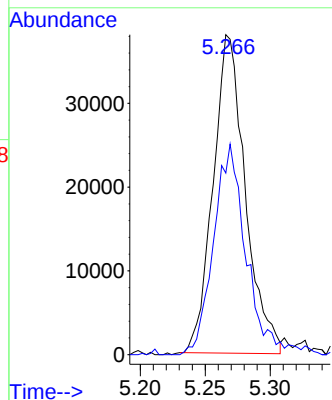
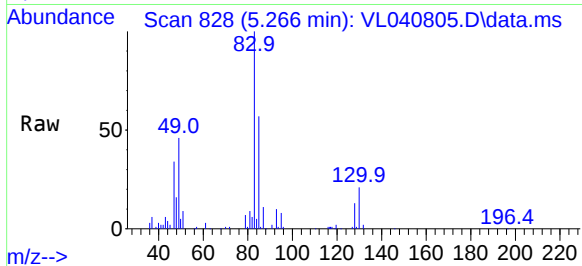
MDL-AIR-03-QT4-2023DL

Tgt Ion: 83 Resp: 65552

Ion Ratio Lower Upper

83 100

85 58.4 51.3 76.9



#30

Cyclohexane

Concen: 0.184 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. -0.029 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

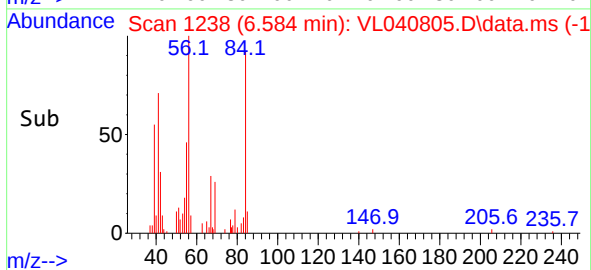
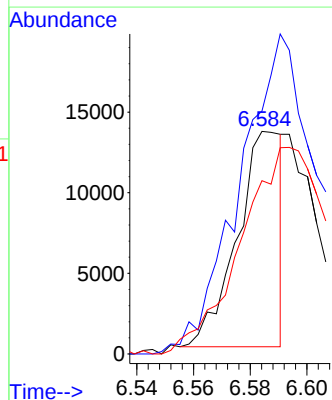
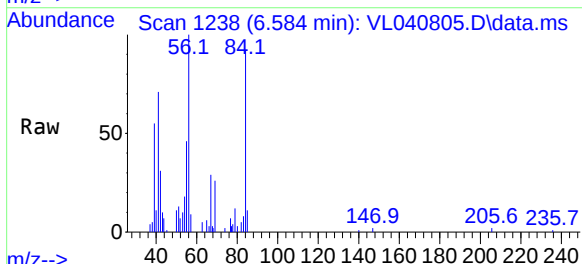
Tgt Ion: 84 Resp: 14592

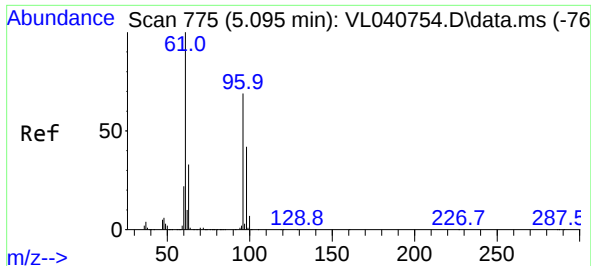
Ion Ratio Lower Upper

84 100

56 247.1 110.3 165.5#

41 196.3 67.4 101.2#

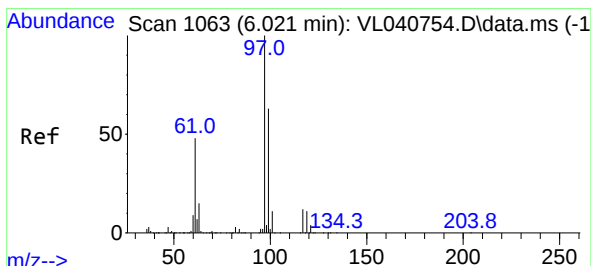
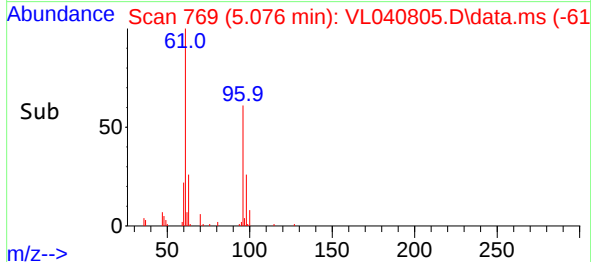
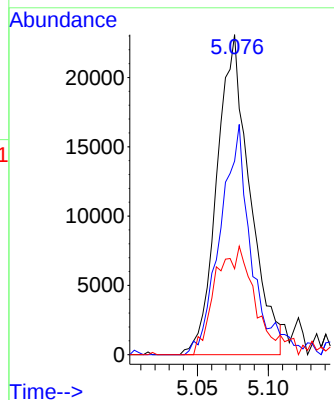
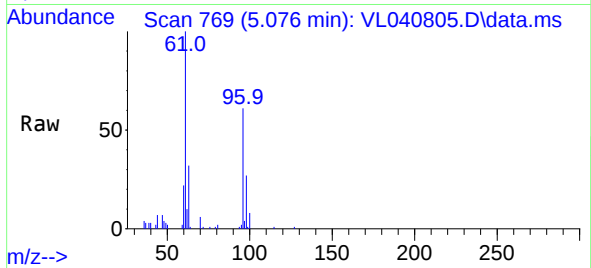




#31
cis-1,2-Dichloroethene
Concen: 0.435 ppbv
RT: 5.076 min Scan# 71
Delta R.T. -0.019 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

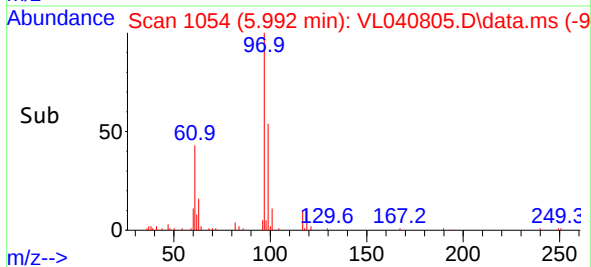
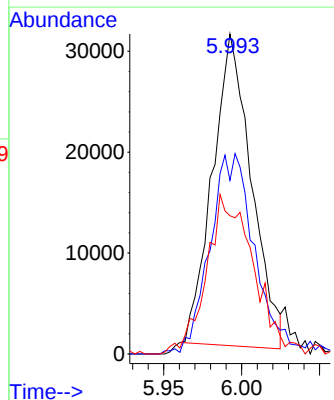
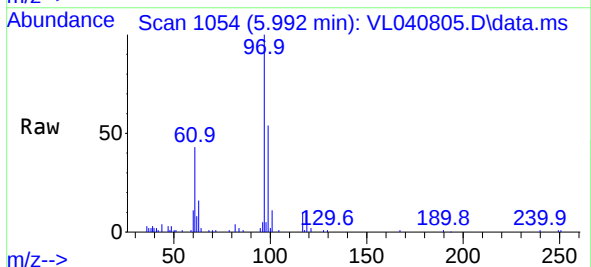
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

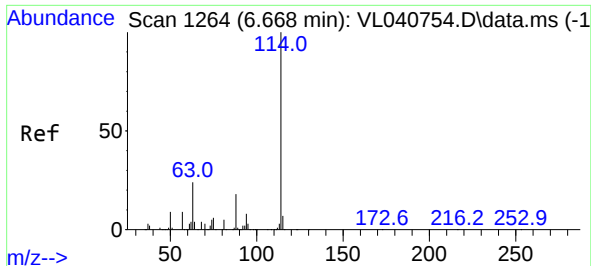
Tgt Ion: 61 Resp: 37367
Ion Ratio Lower Upper
61 100
96 60.5 55.1 82.7
98 27.8 33.5 50.3#



#32
1,1,1-Trichloroethane
Concen: 0.375 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. -0.029 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 97 Resp: 53733
Ion Ratio Lower Upper
97 100
99 75.5 51.8 77.6
61 63.2 38.6 58.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.026 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL

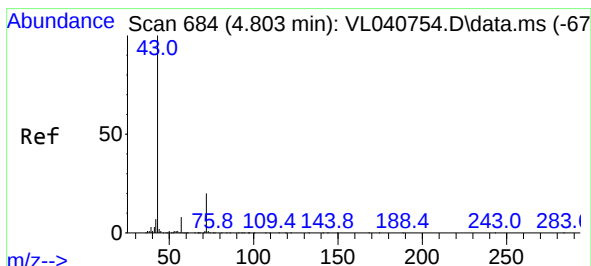
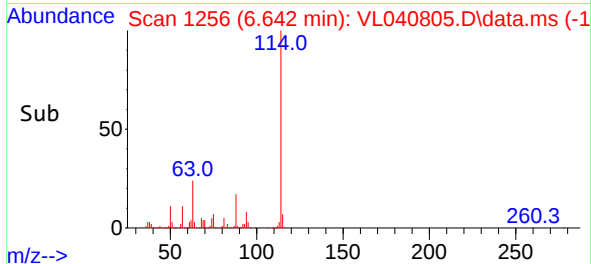
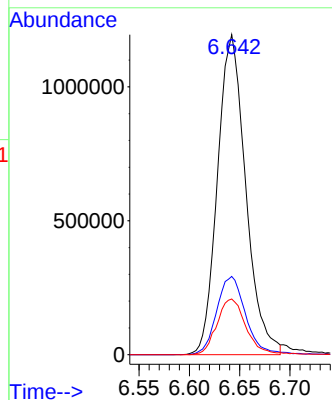
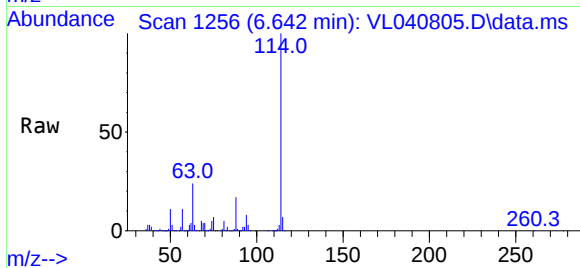
Tgt Ion:114 Resp: 2336843

Ion Ratio Lower Upper

114 100

63 25.4 19.8 29.6

88 18.1 14.2 21.2



#34

2-Butanone

Concen: 0.467 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.000 min

Lab File: VL040805.D

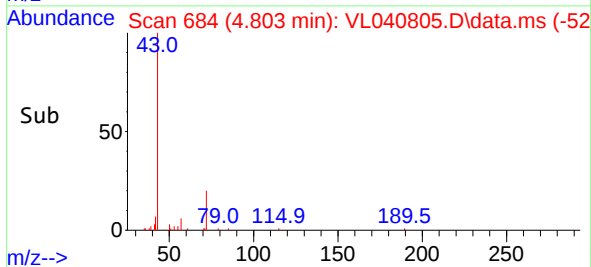
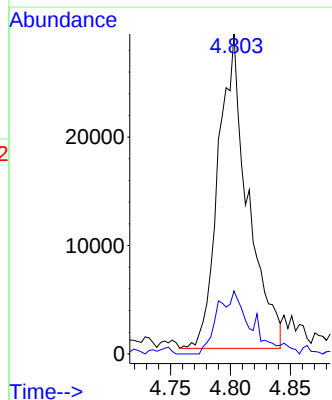
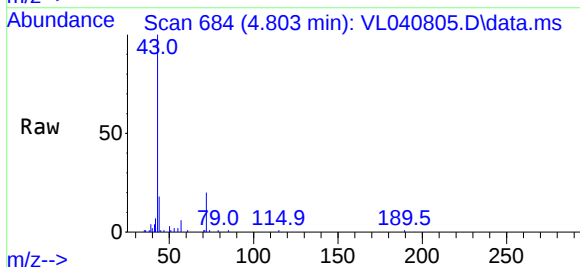
Acq: 25 Oct 2023 18:12

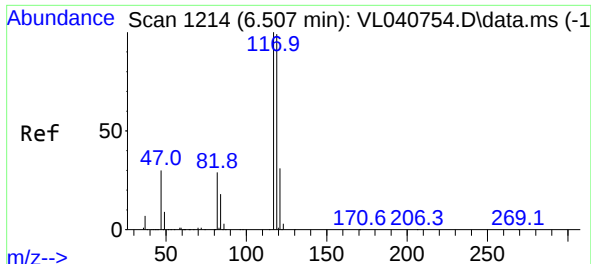
Tgt Ion: 43 Resp: 49419

Ion Ratio Lower Upper

43 100

72 24.6 16.8 25.2

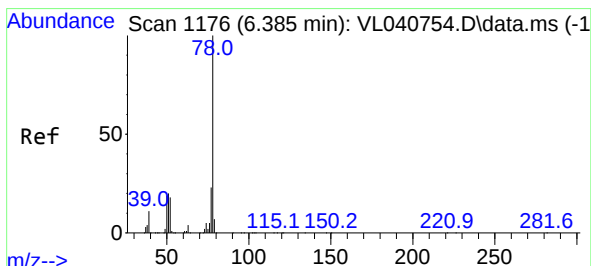
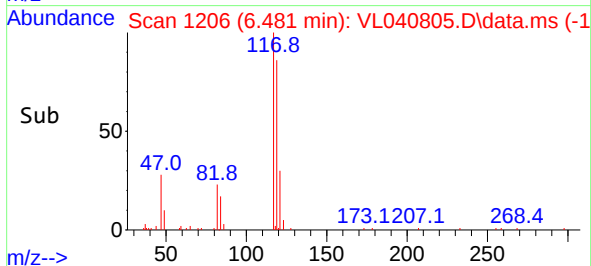
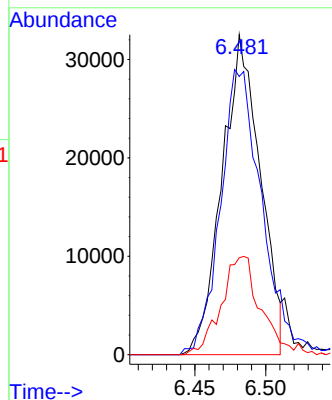
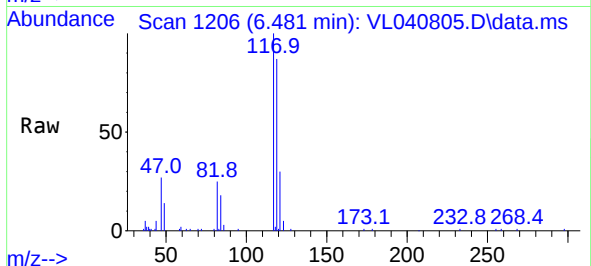




#35
Carbon Tetrachloride
Concen: 0.466 ppbv
RT: 6.481 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

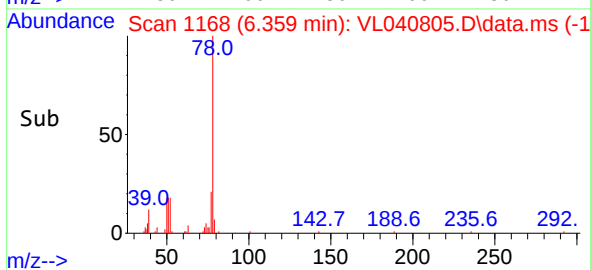
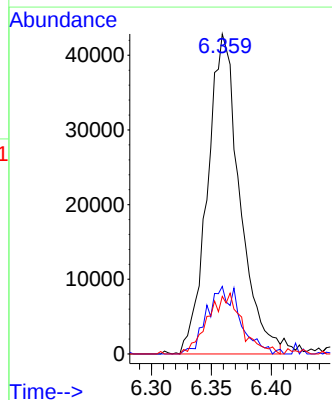
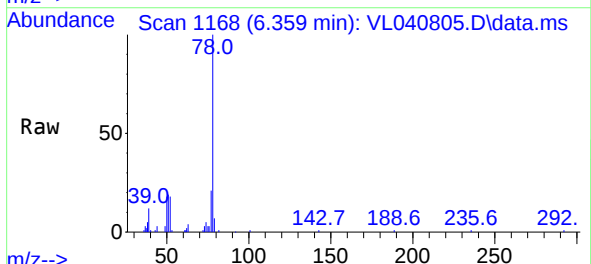
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2023DL

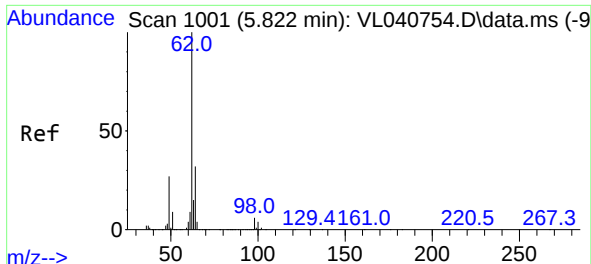
Tgt Ion:117 Resp: 61132
Ion Ratio Lower Upper
117 100
119 87.0 79.4 119.0
121 30.3 25.0 37.4



#36
Benzene
Concen: 0.445 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 78 Resp: 79969
Ion Ratio Lower Upper
78 100
77 21.1 18.4 27.6
50 18.0 15.0 22.4





#37

1,2-Dichloroethane

Concen: 0.264 ppbv

RT: 5.800 min Scan# 994

Delta R.T. -0.022 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

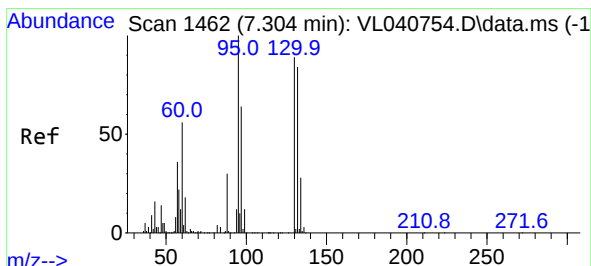
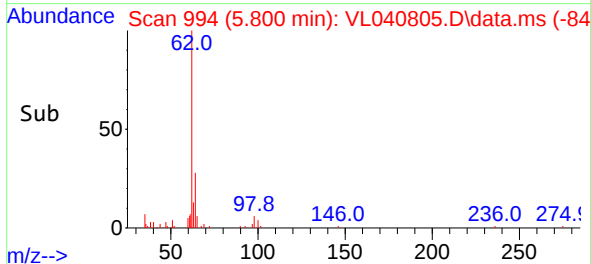
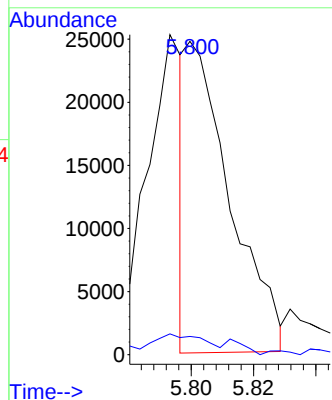
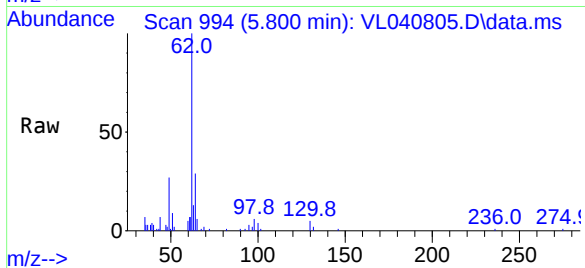
MDL-AIR-03-QT4-2023DL

Tgt Ion: 62 Resp: 24266

Ion Ratio Lower Upper

62 100

98 0.0 5.4 8.0#



#38

Trichloroethene

Concen: 0.384 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.029 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Tgt Ion:130 Resp: 30539

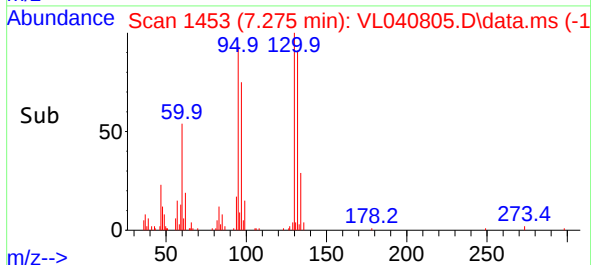
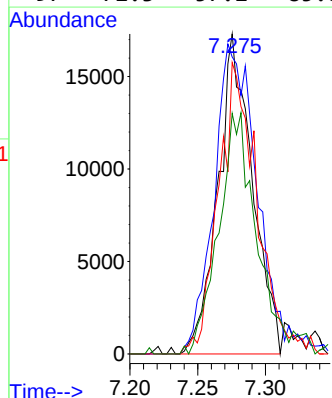
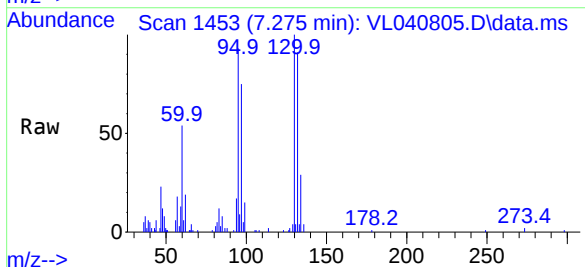
Ion Ratio Lower Upper

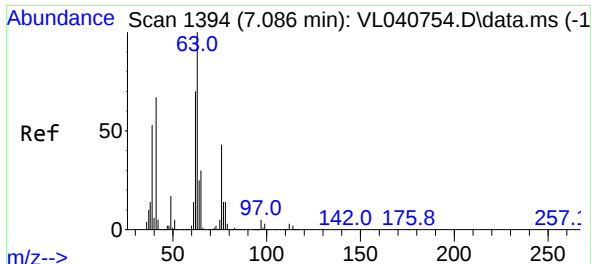
130 100

95 89.3 89.4 134.2#

132 87.6 74.8 112.2

97 72.3 57.2 85.8

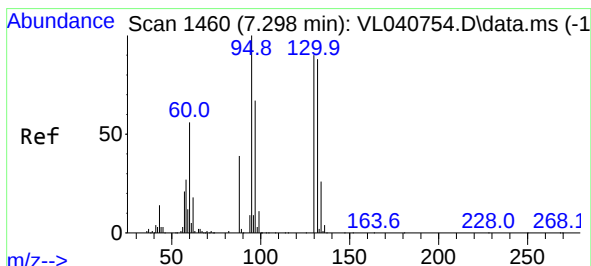
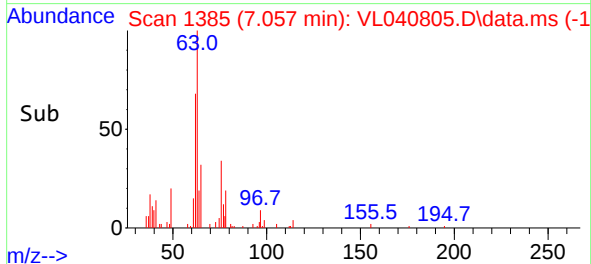
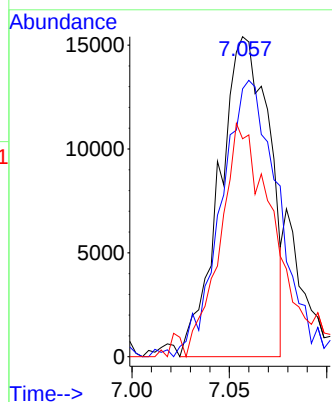
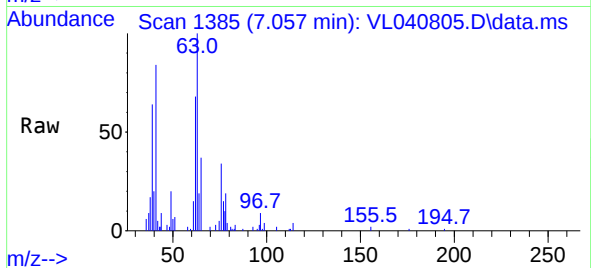




#39
1,2-Dichloropropane
Concen: 0.388 ppbv
RT: 7.057 min Scan# 11
Delta R.T. -0.029 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

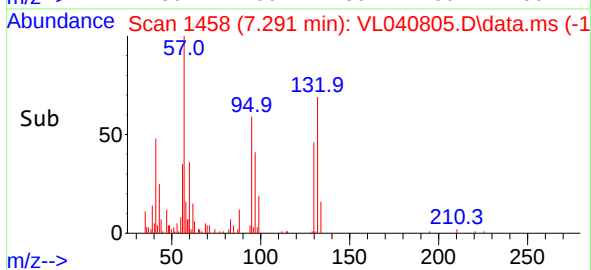
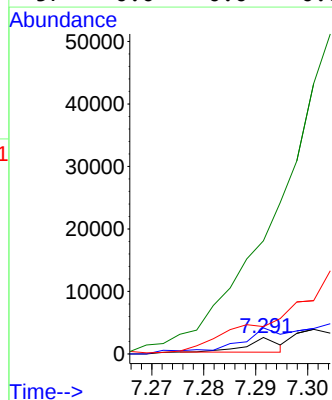
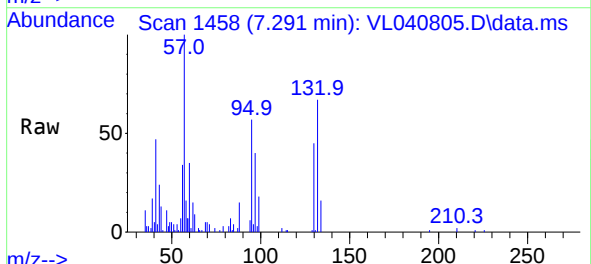
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

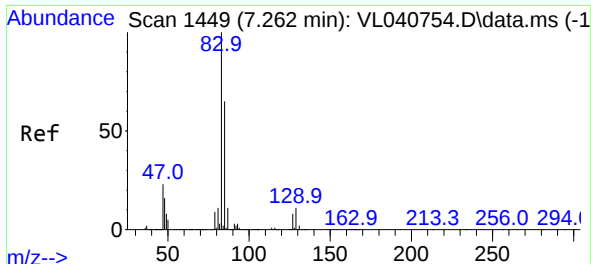
Tgt Ion: 63 Resp: 27264
Ion Ratio Lower Upper
63 100
41 80.5 53.7 80.5#
62 62.1 55.7 83.5



#40
1,4-Dioxane
Concen: 0.037 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 88 Resp: 983
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

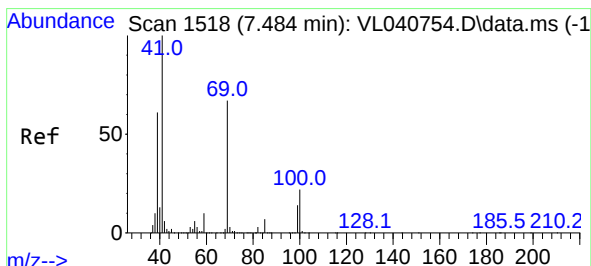
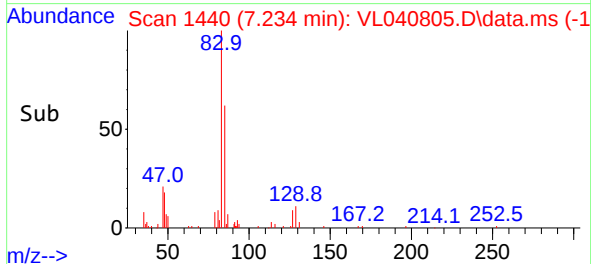
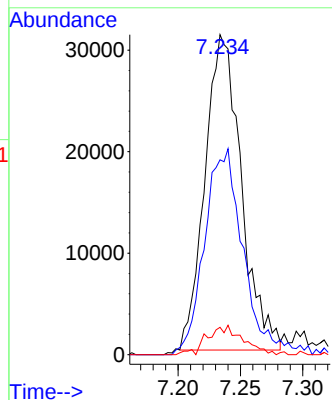
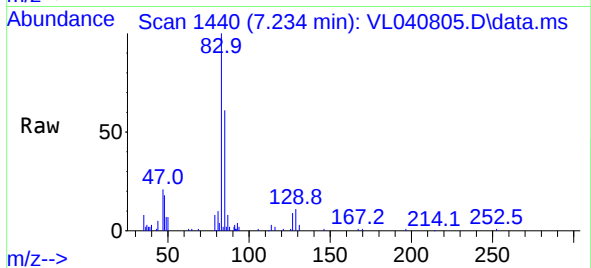




#42
Bromodichloromethane
Concen: 0.458 ppbv
RT: 7.234 min Scan# 1449
Delta R.T. -0.029 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

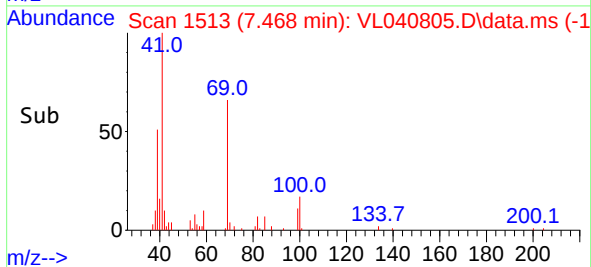
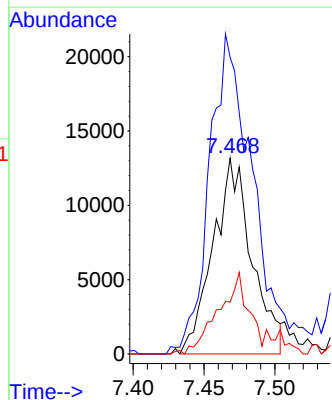
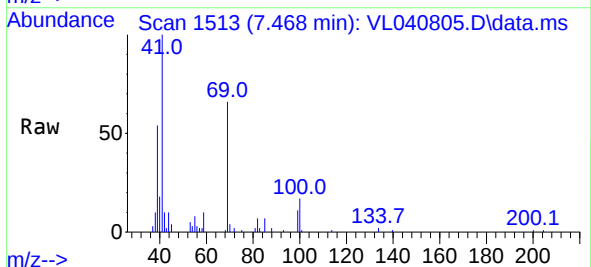
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

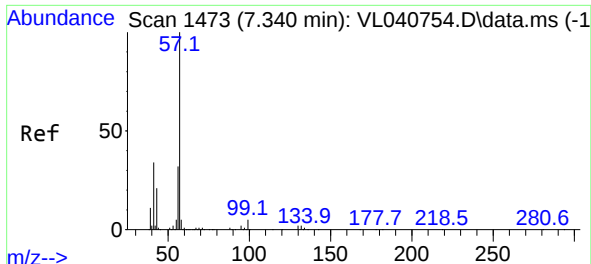
Tgt Ion: 83 Resp: 63091
Ion Ratio Lower Upper
83 100
85 59.8 52.1 78.1
127 8.1 6.7 10.1



#43
Methyl Methacrylate
Concen: 0.348 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. -0.016 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 69 Resp: 25067
Ion Ratio Lower Upper
69 100
41 186.1 120.6 181.0#
100 39.1 27.1 40.7

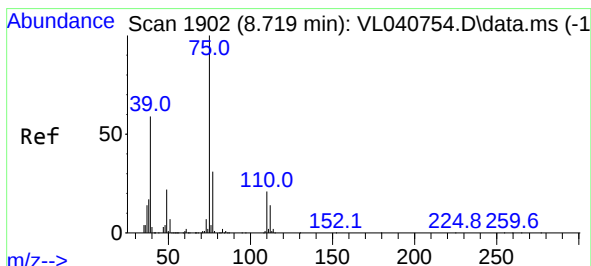
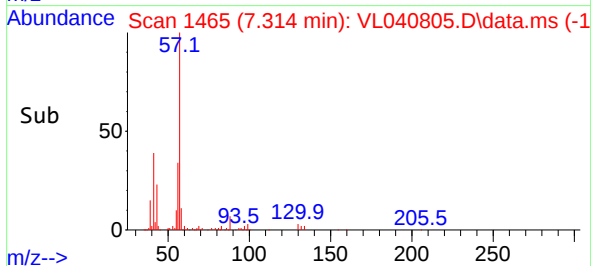
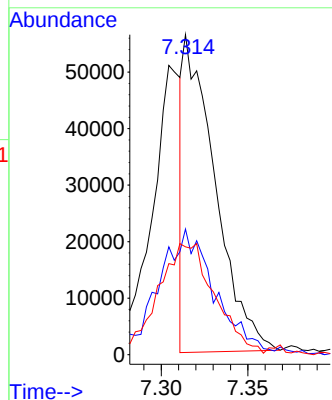
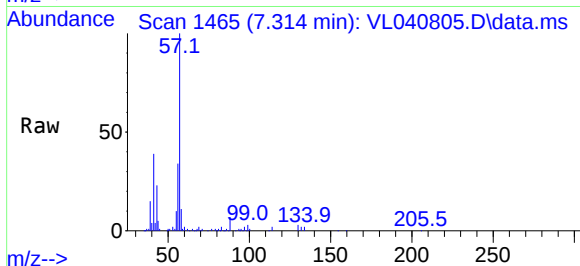




#44
2,2,4-Trimethylpentane
Concen: 0.234 ppbv
RT: 7.314 min Scan# 1473
Delta R.T. -0.026 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

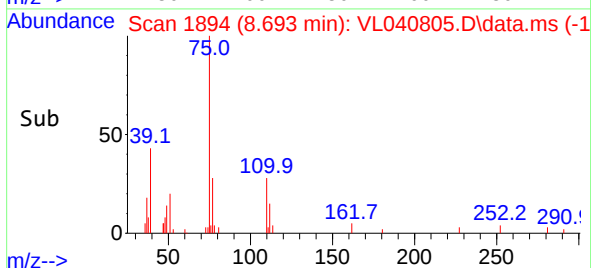
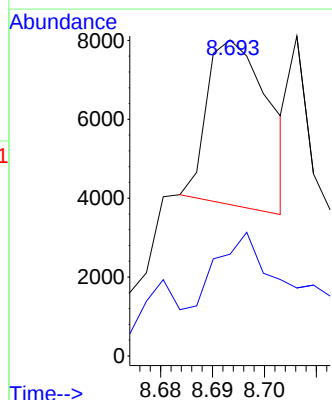
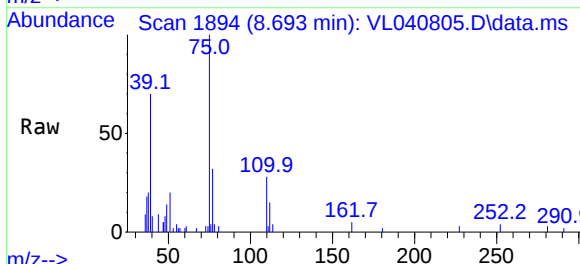
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2023DL

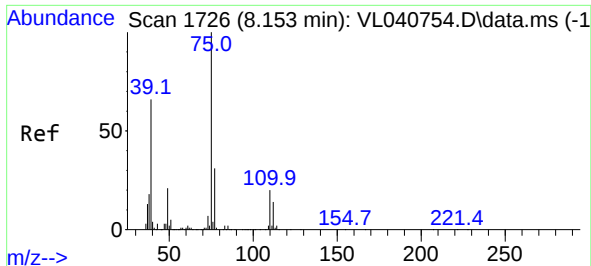
Tgt Ion: 57 Resp: 71103
Ion Ratio Lower Upper
57 100
41 73.1 27.4 41.0#
56 66.3 25.0 37.6#



#45
t-1,3-Dichloropropene
Concen: 0.059 ppbv
RT: 8.693 min Scan# 1894
Delta R.T. -0.026 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 75 Resp: 3407
Ion Ratio Lower Upper
75 100
77 32.2 24.9 37.3



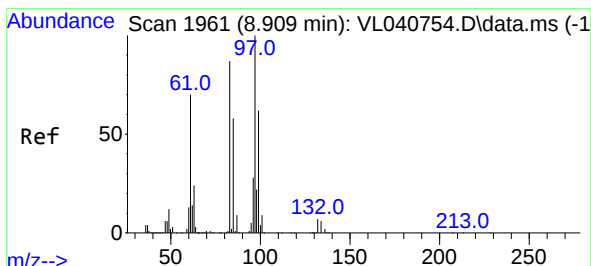
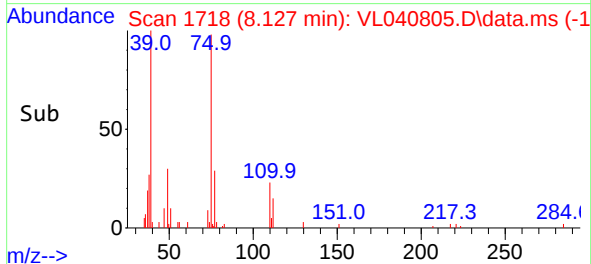
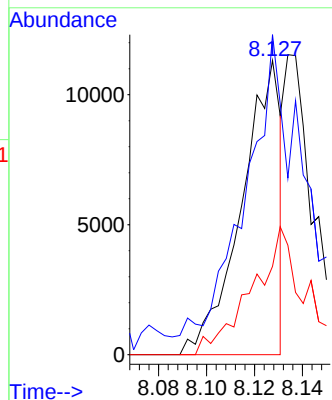
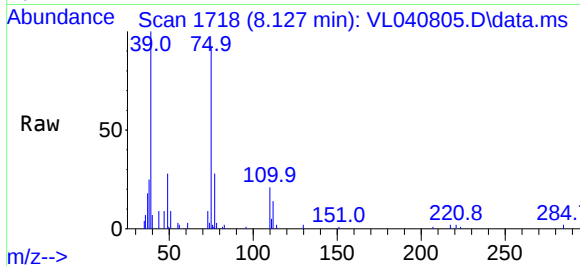


#46
 cis-1,3-Dichloropropene
 Concen: 0.183 ppbv
 RT: 8.127 min Scan# 11
 Delta R.T. -0.026 min
 Lab File: VL040805.D
 Acq: 25 Oct 2023 18:12

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

Tgt Ion: 75 Resp: 12797

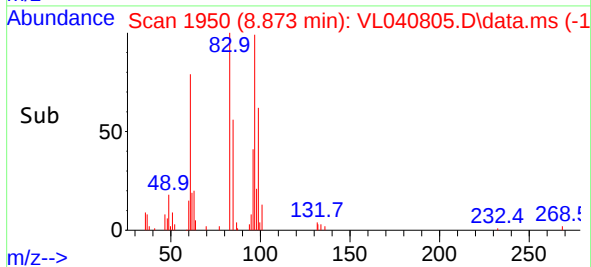
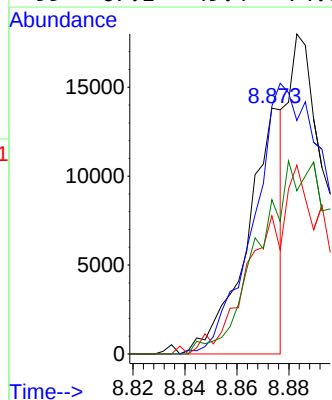
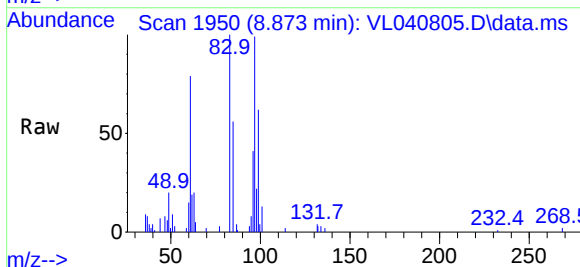
Ion	Ratio	Lower	Upper
75	100		
39	102.2	52.4	78.6#
77	30.0	25.1	37.7

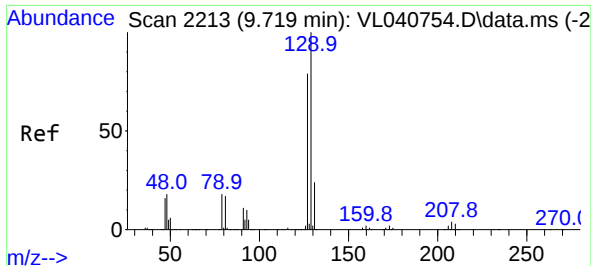


#47
 1,1,2-Trichloroethane
 Concen: 0.178 ppbv
 RT: 8.873 min Scan# 1950
 Delta R.T. -0.035 min
 Lab File: VL040805.D
 Acq: 25 Oct 2023 18:12

Tgt Ion: 97 Resp: 13098

Ion	Ratio	Lower	Upper
97	100		
83	100.9	69.5	104.3
85	53.0	46.6	69.8
99	67.1	49.4	74.0

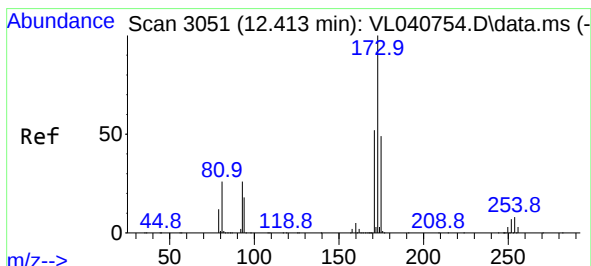
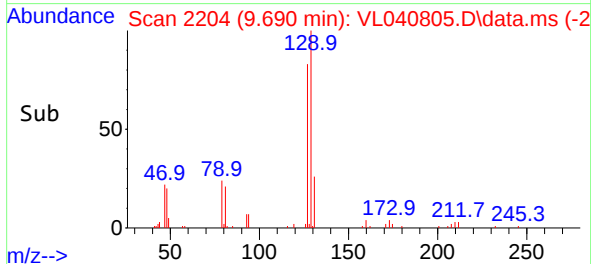
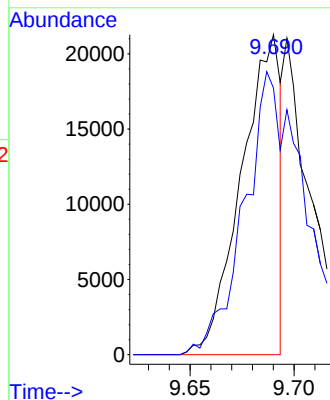
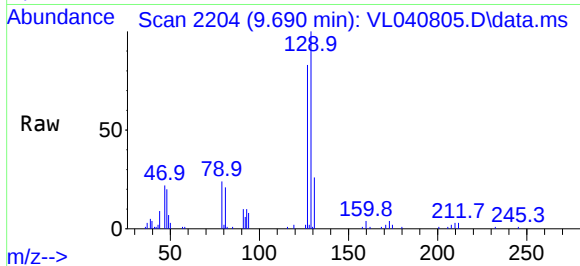




#48
Dibromochloromethane
Concen: 0.225 ppbv
RT: 9.690 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

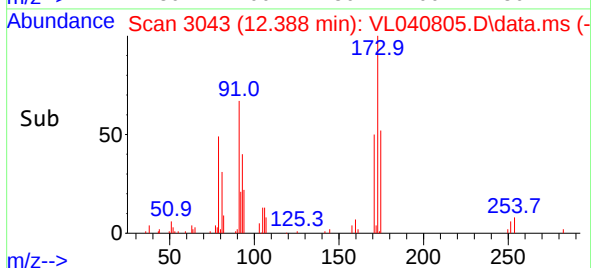
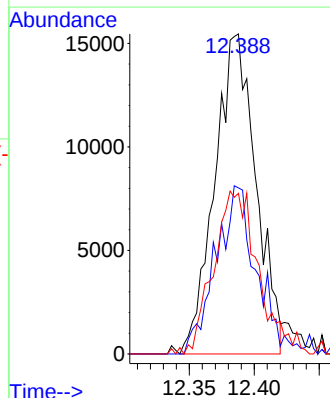
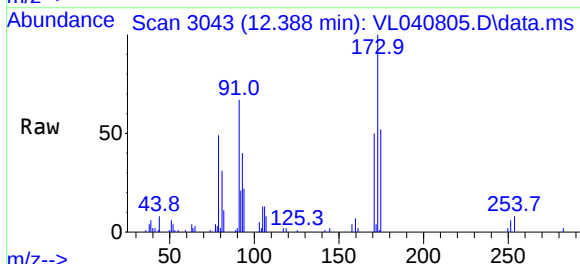
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

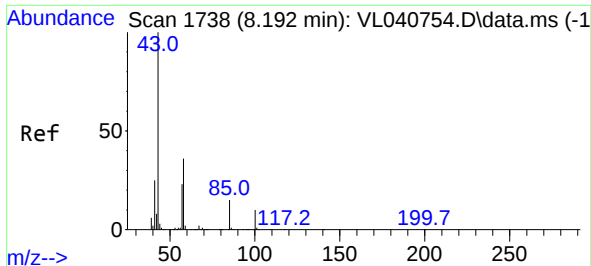
Tgt Ion:129 Resp: 27820
Ion Ratio Lower Upper
129 100
127 139.0 39.1 117.3#



#49
Bromoform
Concen: 0.340 ppbv
RT: 12.388 min Scan# 3043
Delta R.T. -0.026 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion:173 Resp: 34154
Ion Ratio Lower Upper
173 100
175 53.6 39.2 58.8
171 55.8 42.0 63.0





#50

4-Methyl-2-Pentanone

Concen: 0.133 ppbv

RT: 8.179 min Scan# 1

Delta R.T. -0.013 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

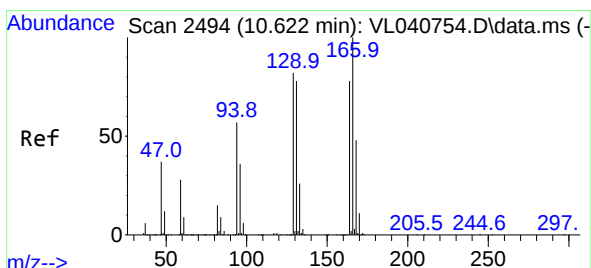
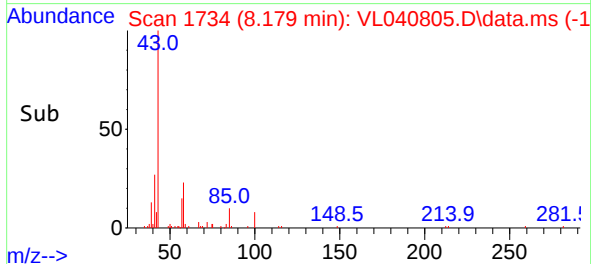
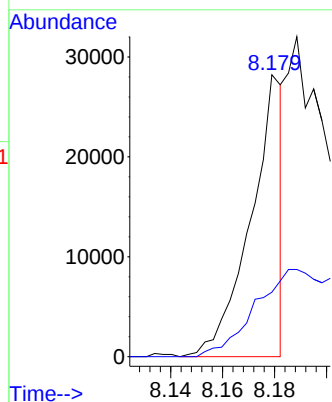
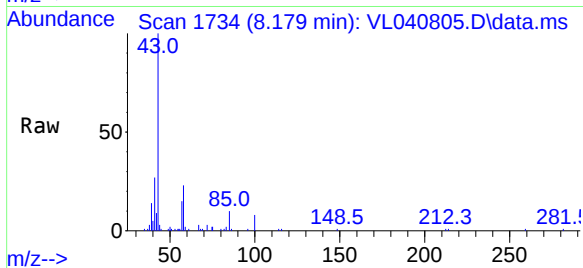
MDL-AIR-03-QT4-2023DL

Tgt Ion: 43 Resp: 24005

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#



#52

Tetrachloroethene

Concen: 0.224 ppbv

RT: 10.594 min Scan# 2485

Delta R.T. -0.029 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Tgt Ion: 164 Resp: 16343

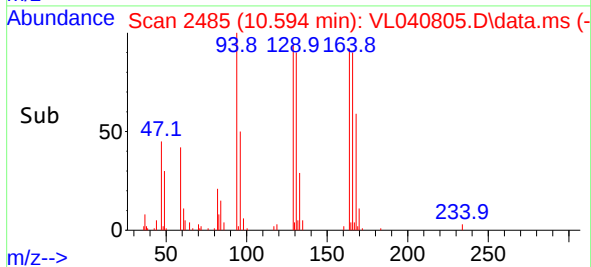
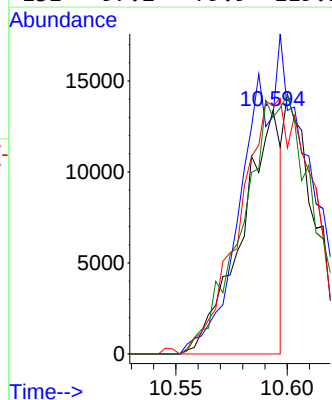
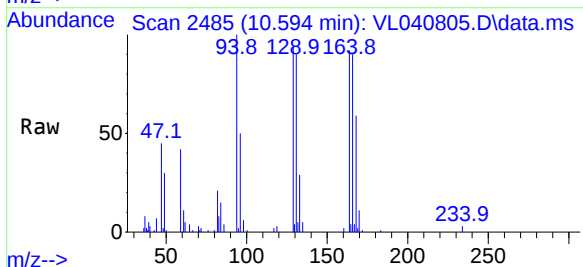
Ion Ratio Lower Upper

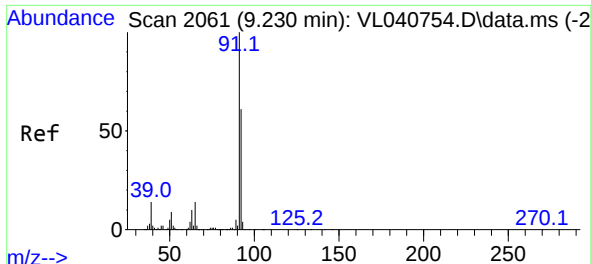
164 100

166 97.6 102.4 153.6#

129 106.0 84.2 126.4

131 97.2 79.9 119.9

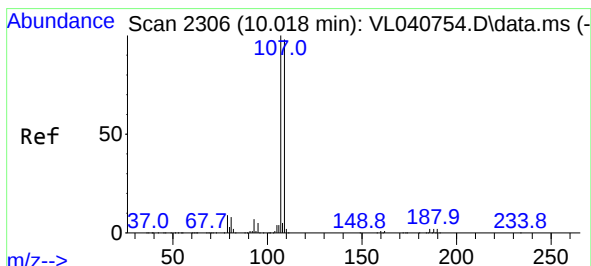
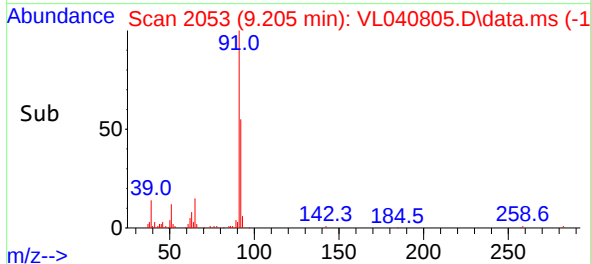
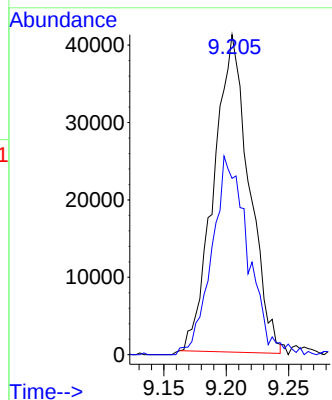
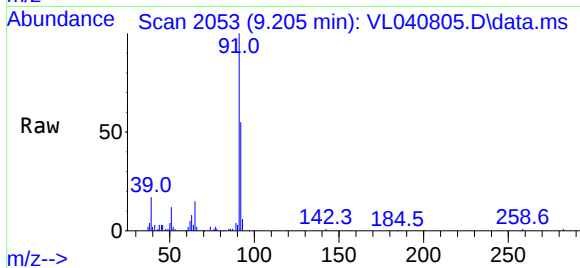




#53
Toluene
Concen: 0.380 ppbv
RT: 9.205 min Scan# 2061
Delta R.T. -0.026 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

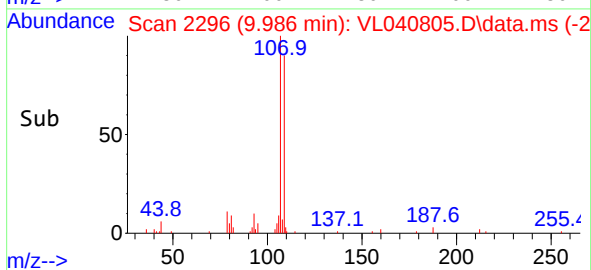
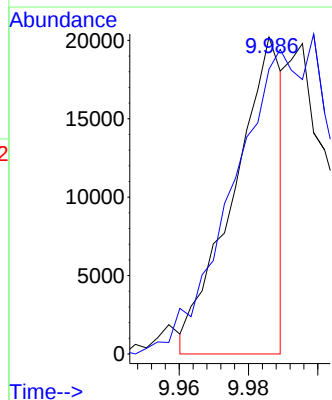
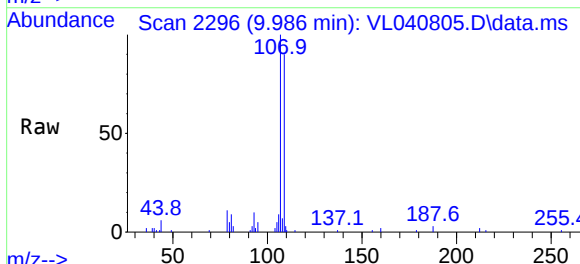
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

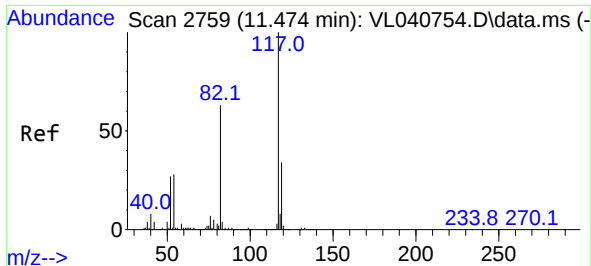
Tgt Ion: 91 Resp: 81314
Ion Ratio Lower Upper
91 100
92 64.1 50.2 75.2



#54
1,2-Dibromoethane
Concen: 0.190 ppbv
RT: 9.986 min Scan# 2296
Delta R.T. -0.032 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 107 Resp: 19636
Ion Ratio Lower Upper
107 100
109 83.5 78.2 117.2

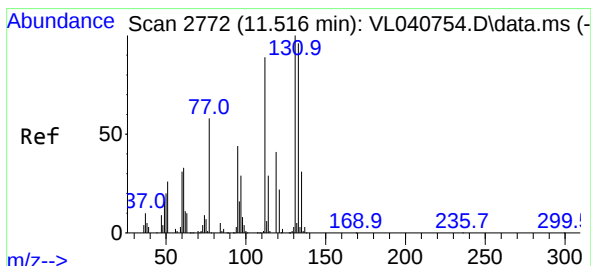
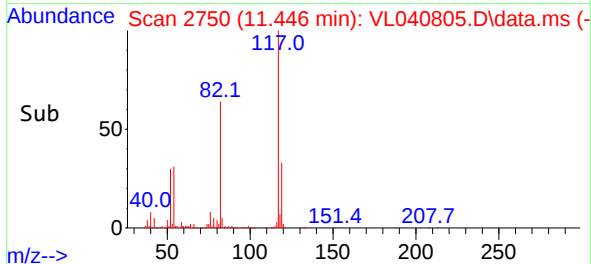
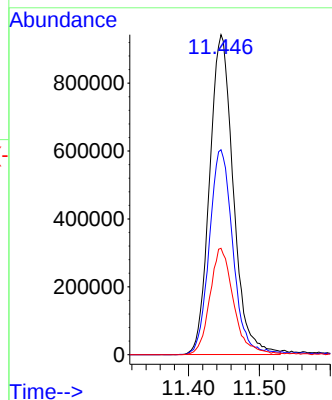
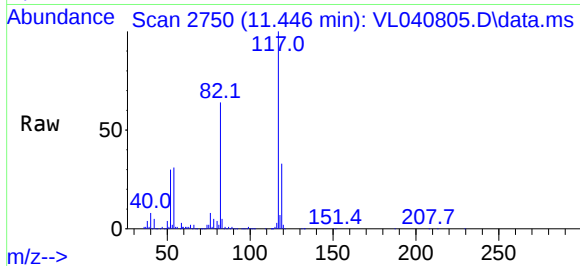




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

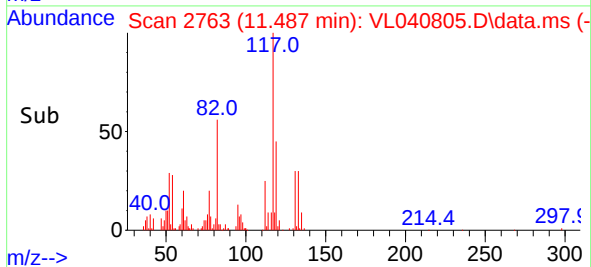
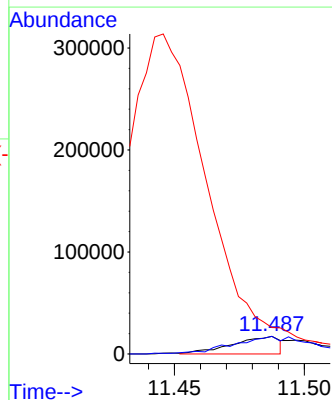
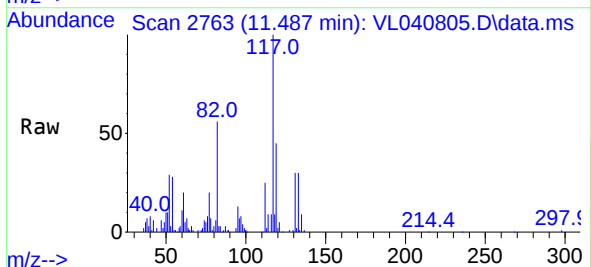
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

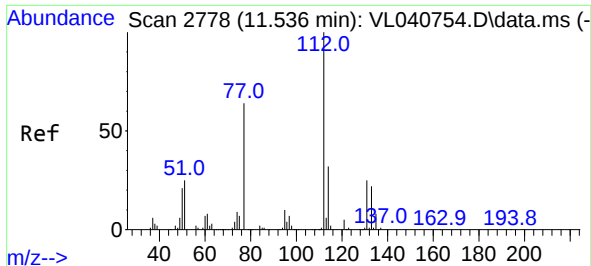
Tgt Ion:117 Resp: 2191415
Ion Ratio Lower Upper
117 100
82 65.2 46.6 70.0
119 33.6 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.245 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. -0.029 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion:131 Resp: 21882
Ion Ratio Lower Upper
131 100
133 175.2 75.0 112.6#
119 0.0 45.4 68.0#

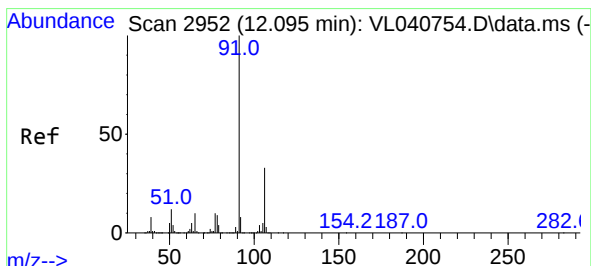
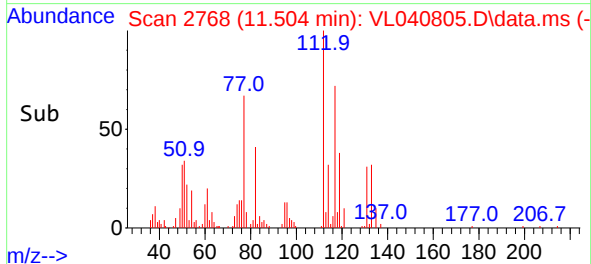
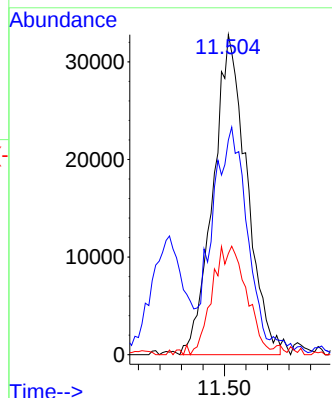
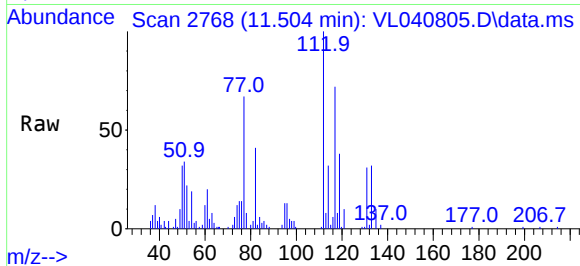




#57
Chlorobenzene
Concen: 0.454 ppbv
RT: 11.504 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

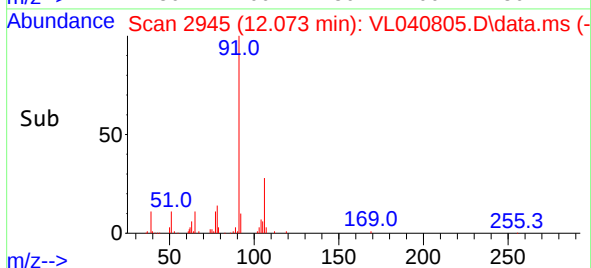
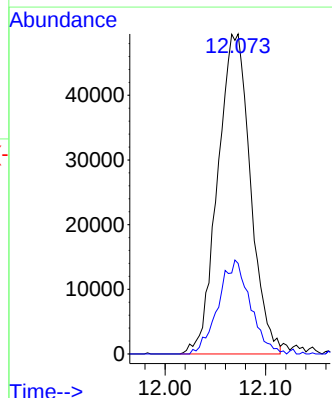
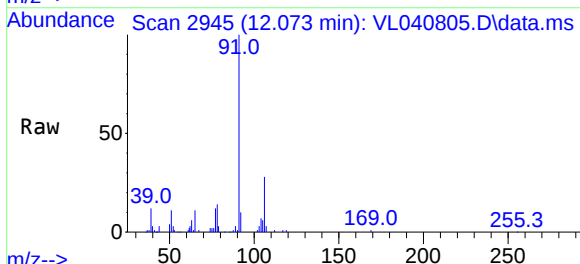
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

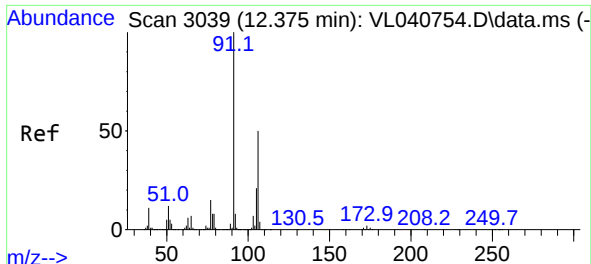
Tgt Ion:112 Resp: 71250
Ion Ratio Lower Upper
112 100
77 62.6 51.9 77.9
114 30.1 28.6 35.0



#58
Ethyl Benzene
Concen: 0.406 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.022 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 91 Resp: 112019
Ion Ratio Lower Upper
91 100
106 28.3 26.7 40.1





#59

m/p-Xylene

Concen: 0.122 ppbv

RT: 12.343 min Scan# 3039

Delta R.T. -0.032 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

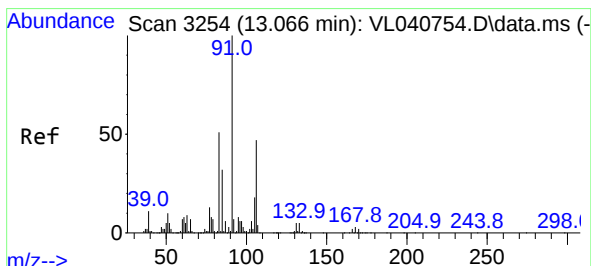
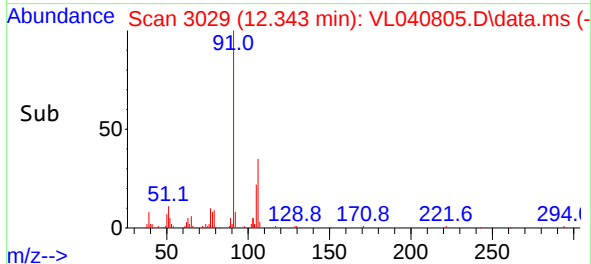
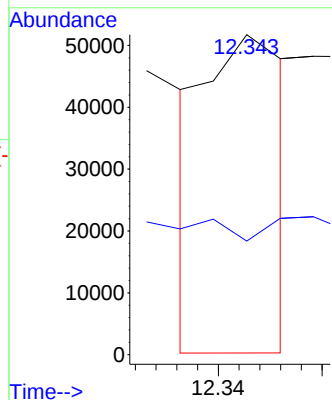
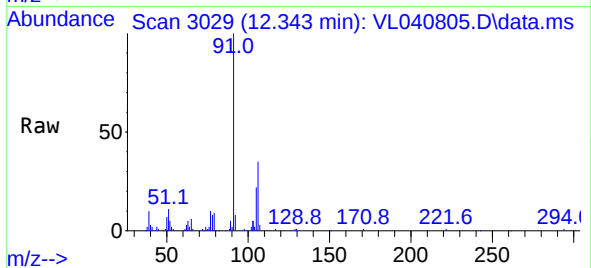
MDL-AIR-03-QT4-2023DL

Tgt Ion: 91 Resp: 27600

Ion Ratio Lower Upper

91 100

106 0.0 37.7 56.5#



#60

o-Xylene

Concen: 0.439 ppbv

RT: 13.037 min Scan# 3245

Delta R.T. -0.029 min

Lab File: VL040805.D

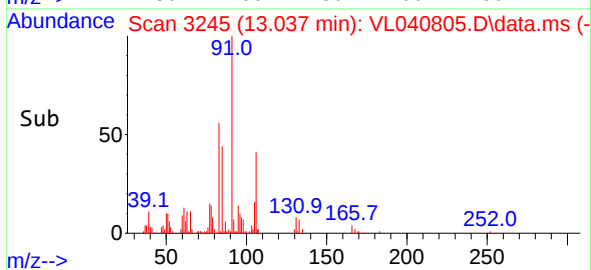
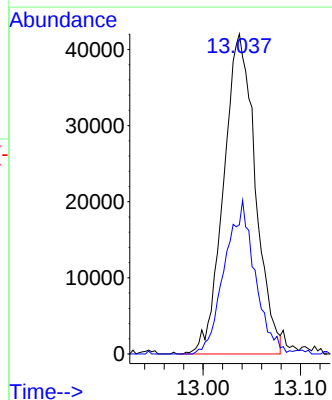
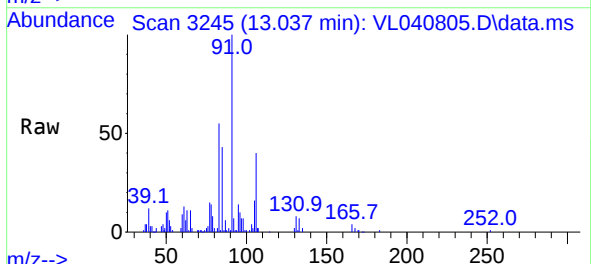
Acq: 25 Oct 2023 18:12

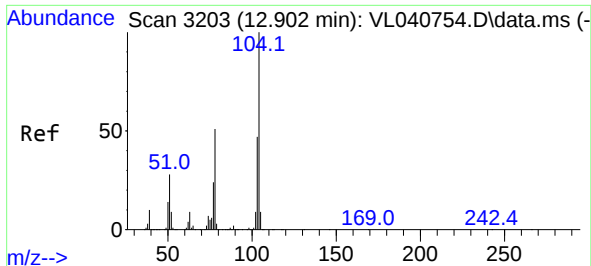
Tgt Ion: 91 Resp: 94994

Ion Ratio Lower Upper

91 100

106 46.3 23.5 70.5

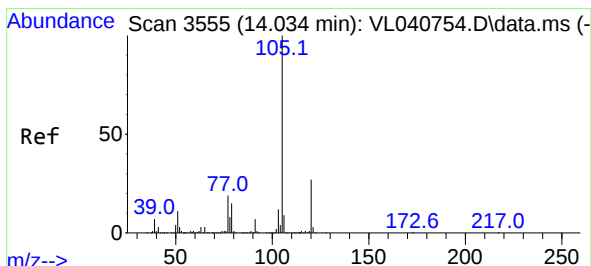
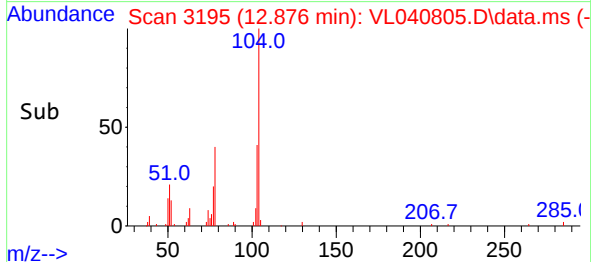
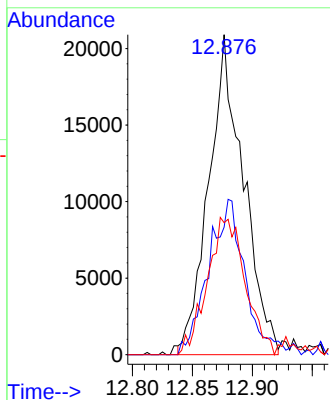
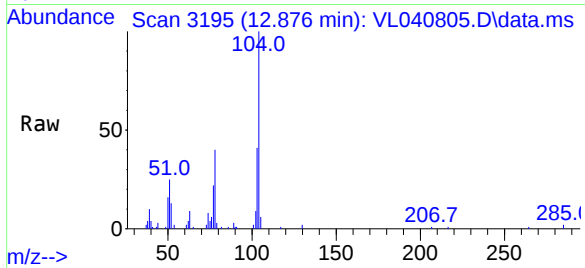




#61
Styrene
Concen: 0.350 ppbv
RT: 12.876 min Scan# 3195
Delta R.T. -0.026 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

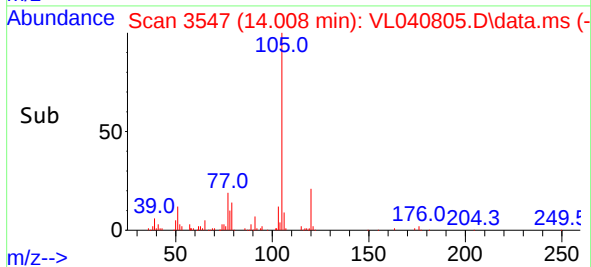
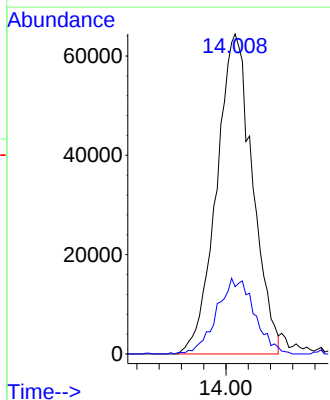
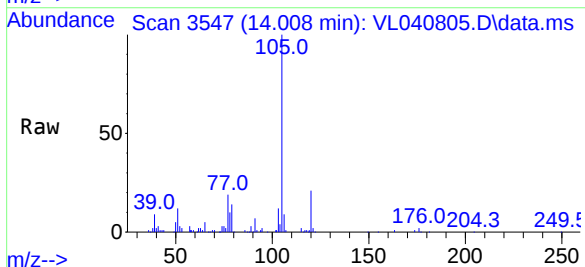
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

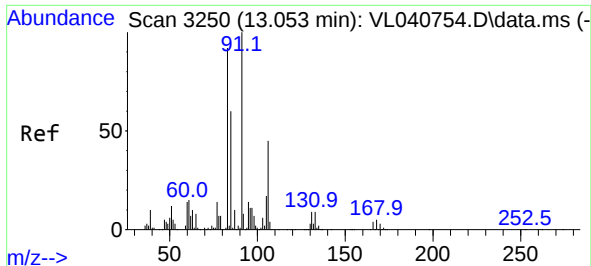
Tgt Ion:104 Resp: 41936
Ion Ratio Lower Upper
104 100
78 51.9 39.8 59.6
103 50.0 37.5 56.3



#62
Isopropylbenzene
Concen: 0.435 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.026 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion:105 Resp: 144700
Ion Ratio Lower Upper
105 100
120 24.7 21.5 32.3

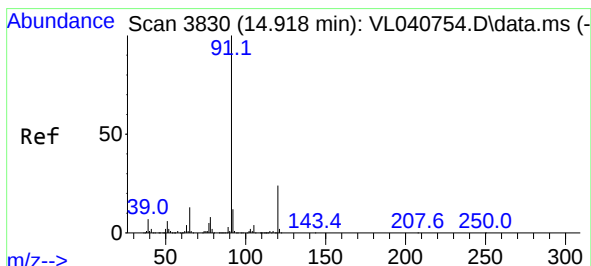
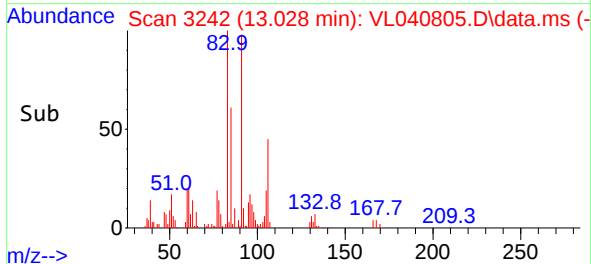
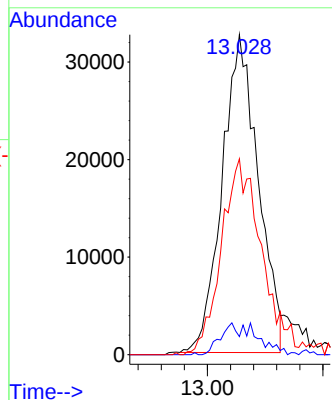
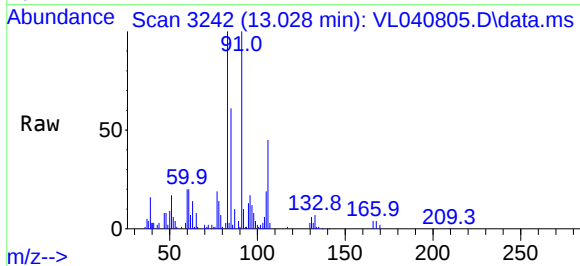




#63
1,1,2,2-Tetrachloroethane
Concen: 0.436 ppbv
RT: 13.028 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

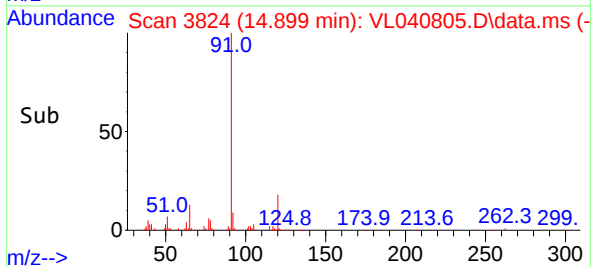
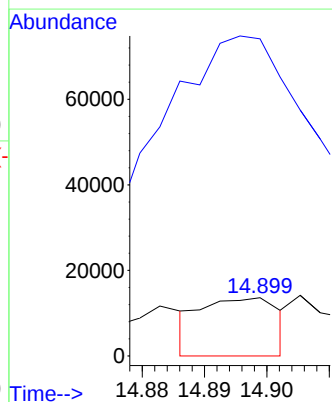
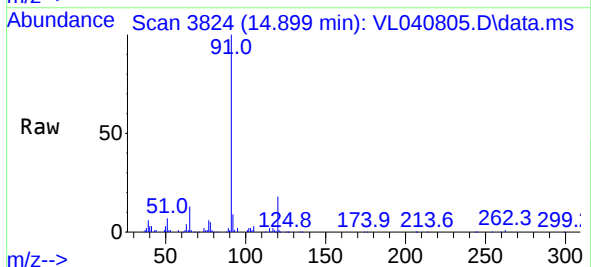
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

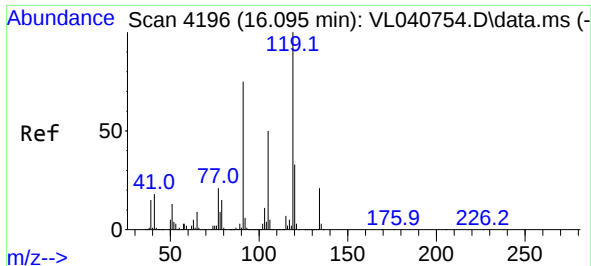
Tgt Ion: 83 Resp: 70748
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.6
85 69.9 32.9 98.7



#64
n-propylbenzene
Concen: 0.131 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.019 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion:120 Resp: 11753
Ion Ratio Lower Upper
120 100
91 1566.9 345.9 518.9#

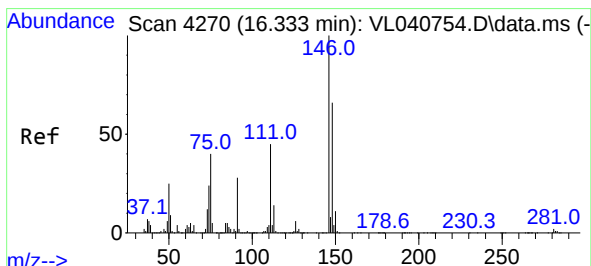
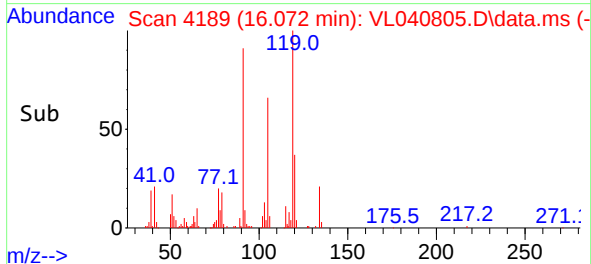
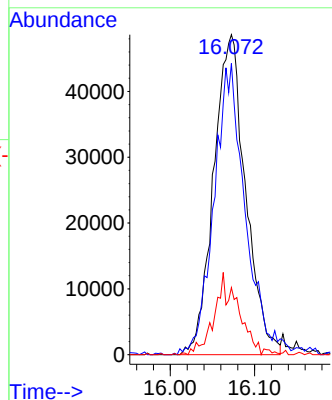
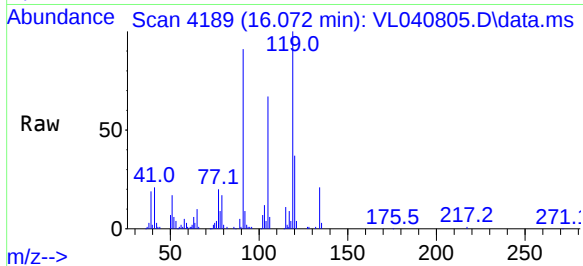




#65
tert-Butylbenzene
Concen: 0.427 ppbv
RT: 16.072 min Scan# 4196
Delta R.T. -0.022 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

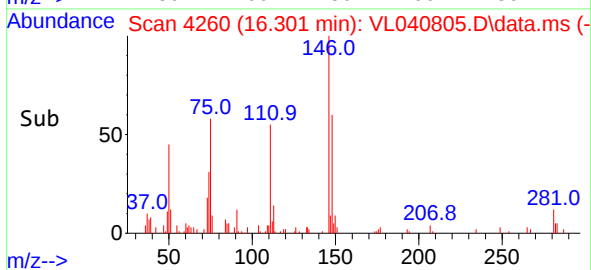
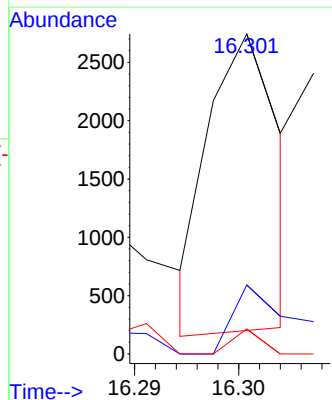
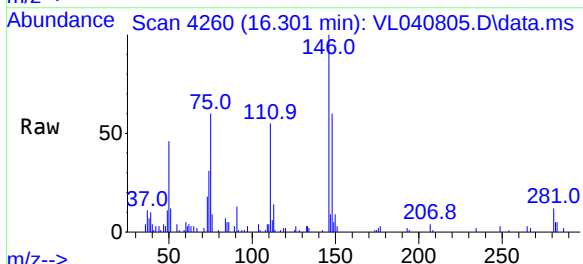
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

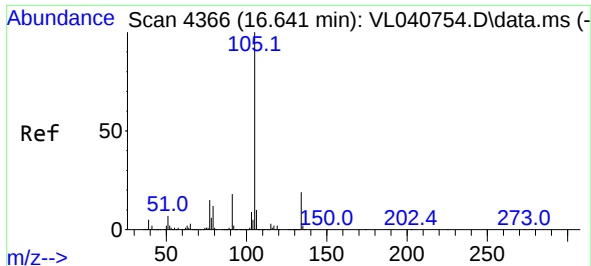
Tgt Ion:119 Resp: 128184
Ion Ratio Lower Upper
119 100
91 90.1 62.2 93.2
134 19.8 16.1 24.1



#66
Benzyl Chloride
Concen: 0.040 ppbv
RT: 16.301 min Scan# 4260
Delta R.T. -0.032 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion: 91 Resp: 1202
Ion Ratio Lower Upper
91 100
126 0.0 16.1 24.1#
128 14.4 5.2 7.8#





#67

sec-Butylbenzene

Concen: 0.200 ppbv

RT: 16.609 min Scan# 41

Delta R.T. -0.032 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

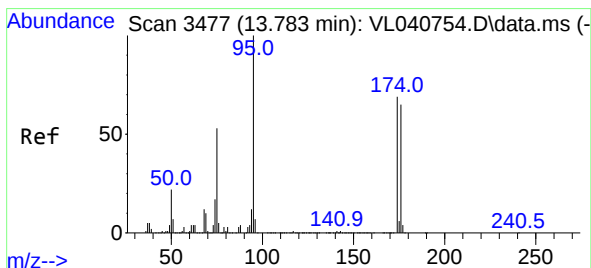
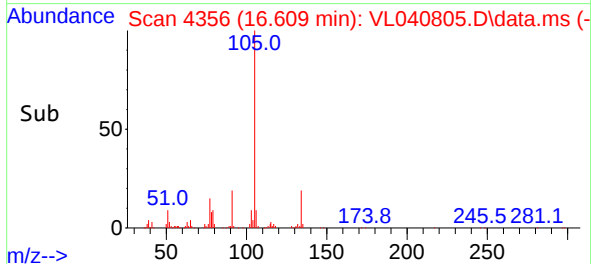
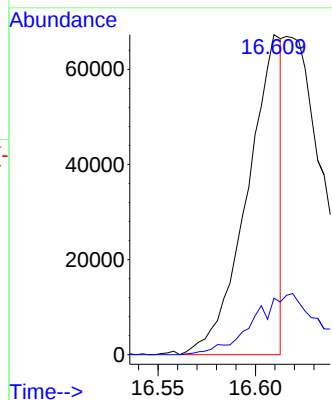
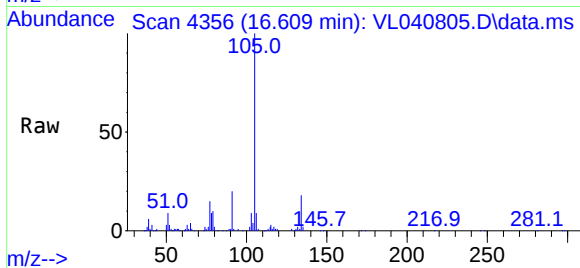
MDL-AIR-03-QT4-2023DL

Tgt Ion:105 Resp: 82351

Ion Ratio Lower Upper

105 100

134 0.0 15.4 23.2#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.852 ppbv

RT: 13.754 min Scan# 3468

Delta R.T. -0.029 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

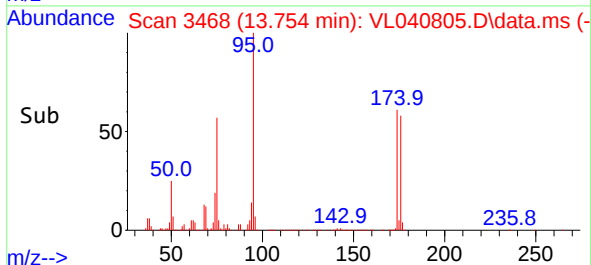
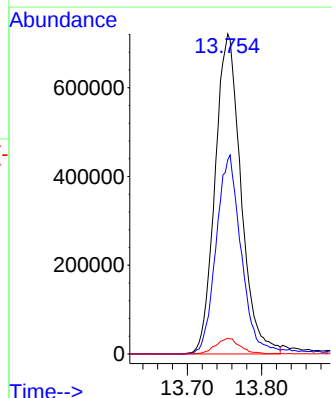
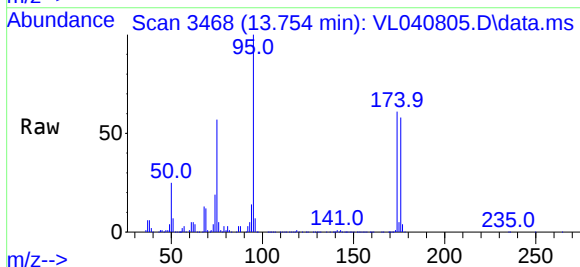
Tgt Ion: 95 Resp: 1749825

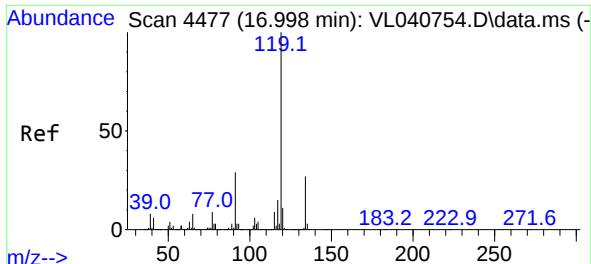
Ion Ratio Lower Upper

95 100

174 62.3 54.7 82.1

175 4.7 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.381 ppbv

RT: 16.979 min Scan# 4477

Delta R.T. -0.019 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL

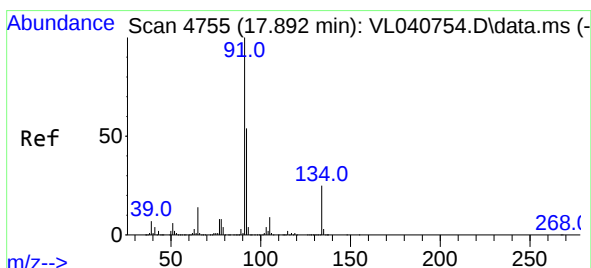
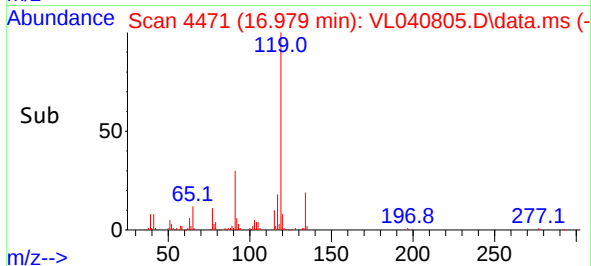
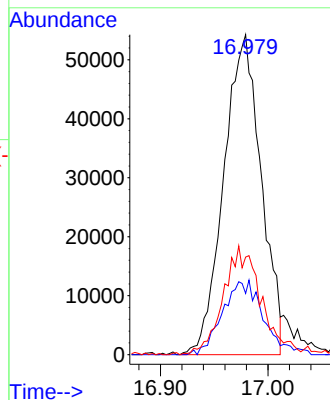
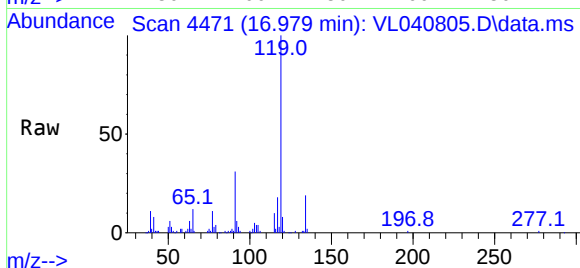
Tgt Ion:119 Resp: 131175

Ion Ratio Lower Upper

119 100

134 25.4 21.0 31.4

91 35.2 22.8 34.2#



#70

n-Butylbenzene

Concen: 0.415 ppbv

RT: 17.870 min Scan# 4748

Delta R.T. -0.022 min

Lab File: VL040805.D

Acq: 25 Oct 2023 18:12

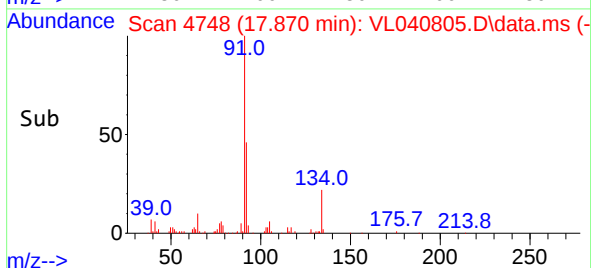
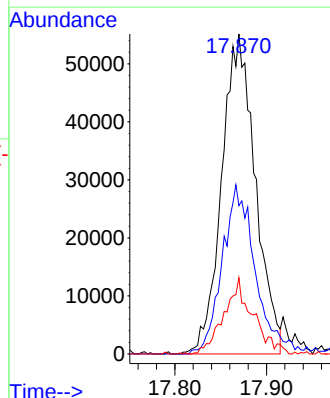
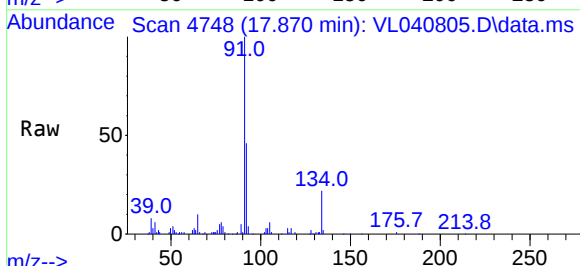
Tgt Ion: 91 Resp: 140281

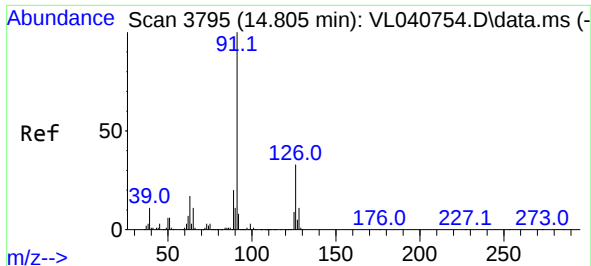
Ion Ratio Lower Upper

91 100

92 52.4 44.1 66.1

134 20.6 19.5 29.3

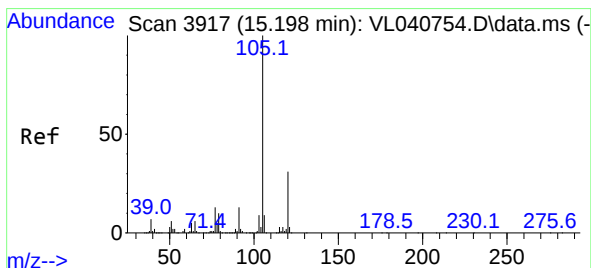
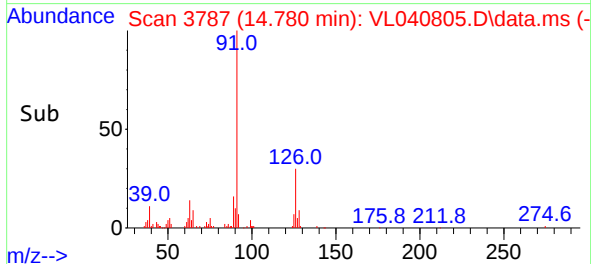
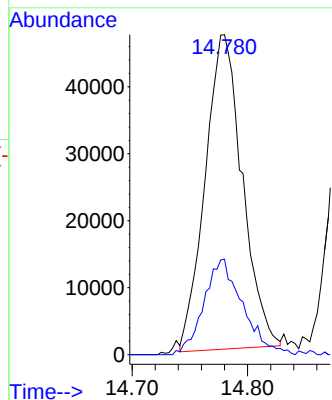
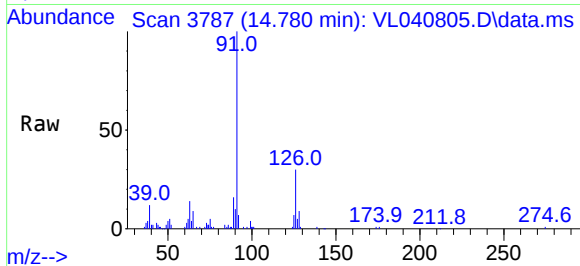




#71
2-Chlorotoluene
Concen: 0.420 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

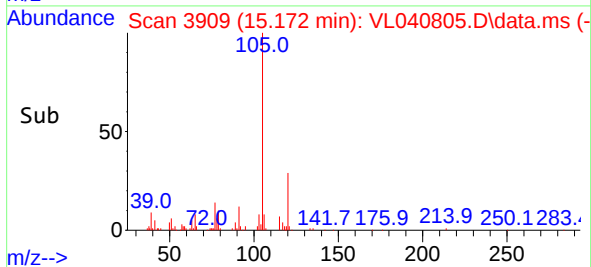
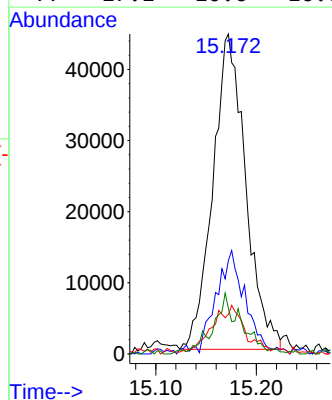
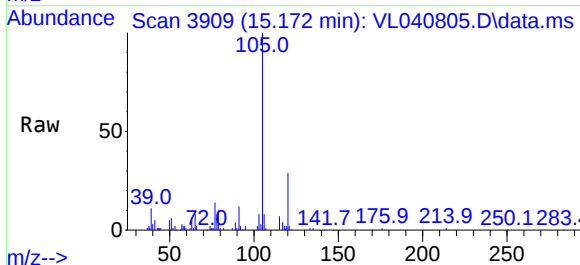
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

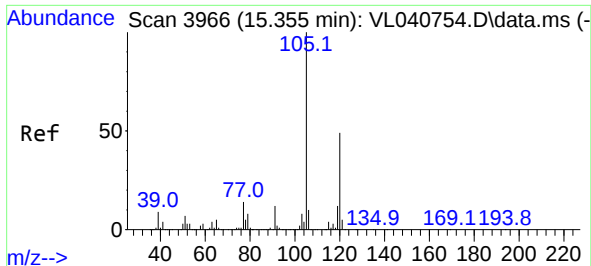
Tgt Ion: 91 Resp: 105109
Ion Ratio Lower Upper
91 100
126 31.7 13.3 53.1



#72
4-Ethyltoluene
Concen: 0.397 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. -0.026 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion:105 Resp: 100586
Ion Ratio Lower Upper
105 100
120 30.3 25.0 37.4
91 17.3 9.8 14.8#
77 17.1 10.6 16.0#

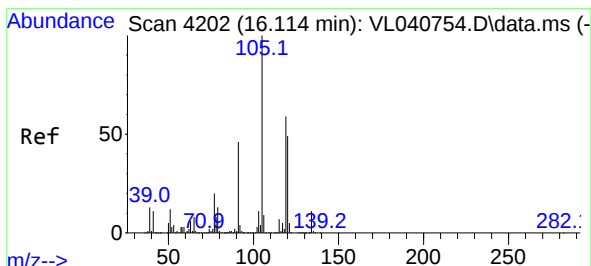
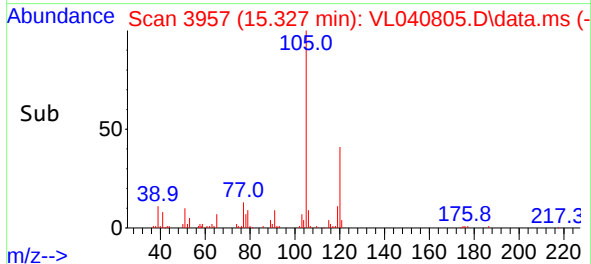
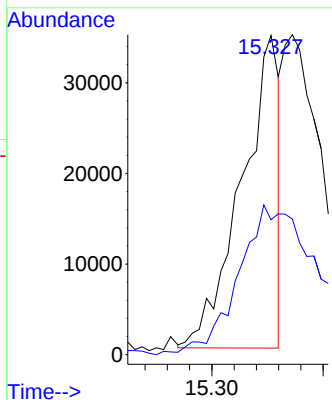
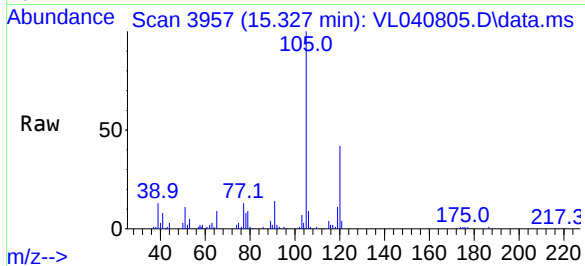




#73
1,3,5-Trimethylbenzene
Concen: 0.180 ppbv
RT: 15.327 min Scan# 3966
Delta R.T. -0.029 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

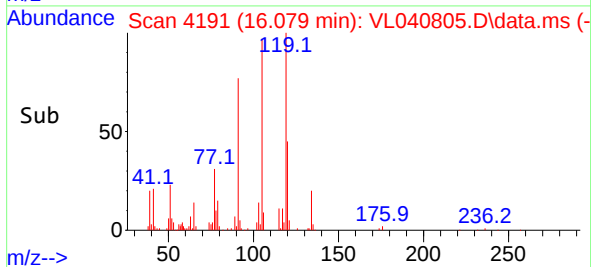
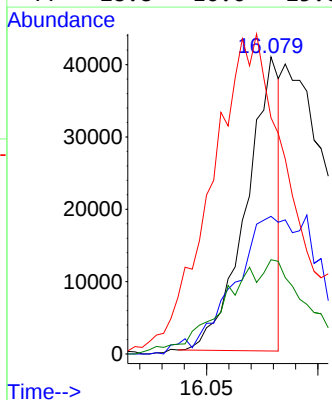
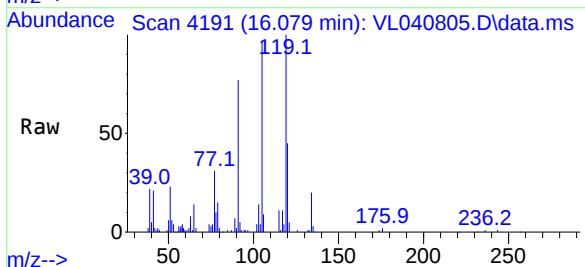
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2023DL

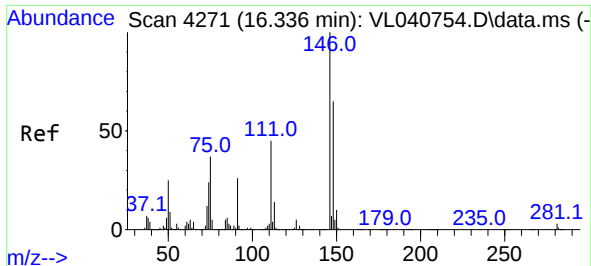
Tgt Ion:105 Resp: 40155
Ion Ratio Lower Upper
105 100
120 46.9 39.4 59.2



#74
1,2,4-Trimethylbenzene
Concen: 0.173 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. -0.035 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion:105 Resp: 42171
Ion Ratio Lower Upper
105 100
120 43.7 39.4 59.2
91 61.4 38.6 58.0#
77 28.8 16.6 25.0#

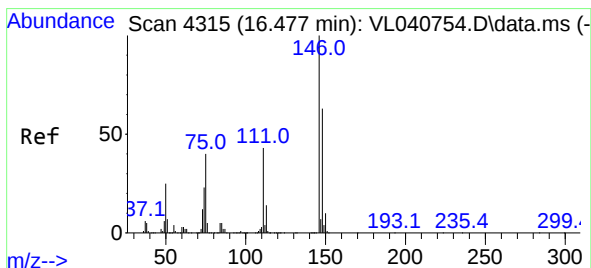
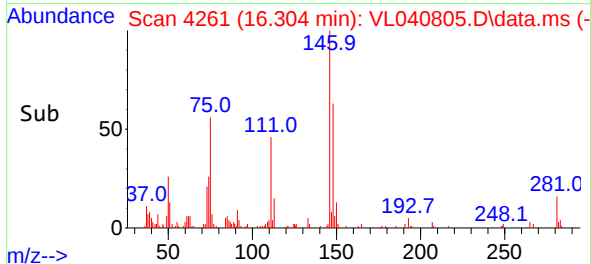
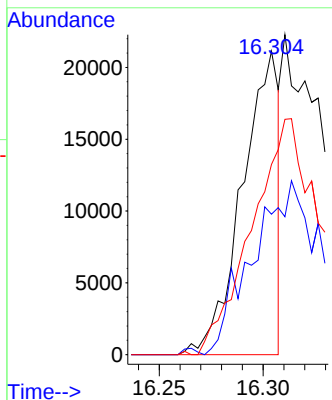
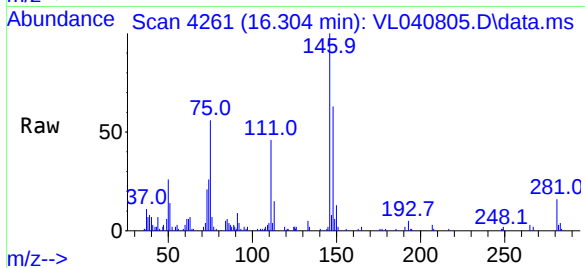




#75
1,3-Dichlorobenzene
Concen: 0.170 ppbv
RT: 16.304 min Scan# 41
Delta R.T. -0.032 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

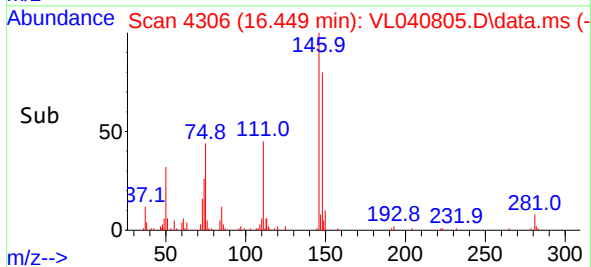
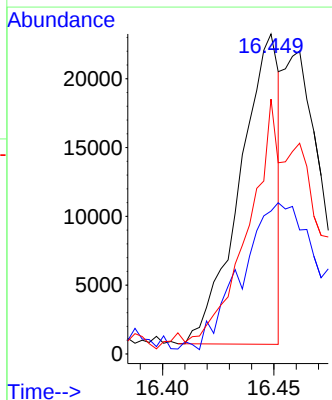
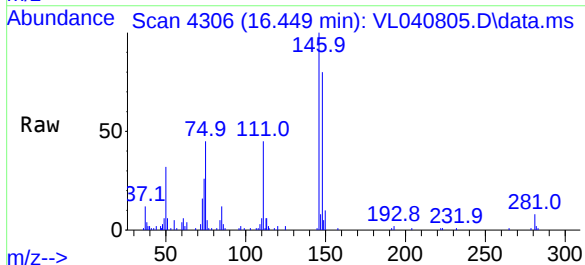
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

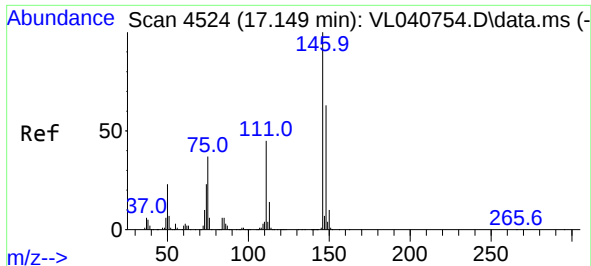
Tgt Ion:146 Resp: 25784
Ion Ratio Lower Upper
146 100
111 0.0 22.6 67.7#
148 0.0 32.4 97.0#



#76
1,4-Dichlorobenzene
Concen: 0.183 ppbv
RT: 16.449 min Scan# 4306
Delta R.T. -0.029 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion:146 Resp: 27496
Ion Ratio Lower Upper
146 100
111 112.9 22.0 66.0#
148 155.4 33.4 100.1#

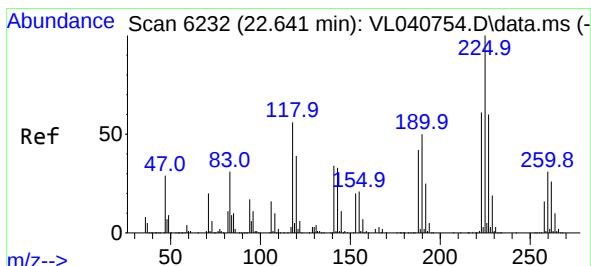
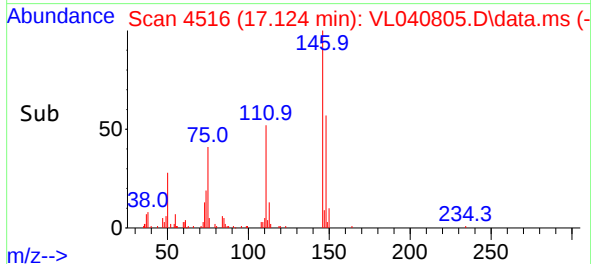
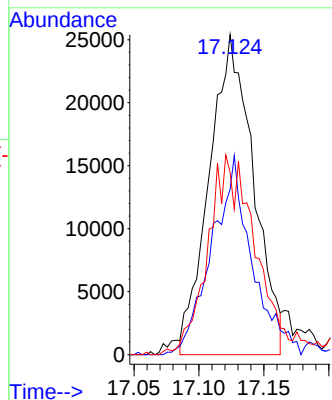
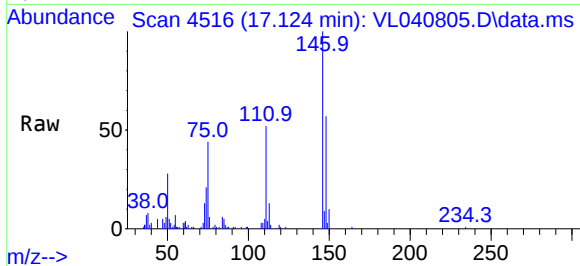




#77
1,2-Dichlorobenzene
Concen: 0.405 ppbv
RT: 17.124 min Scan# 411
Delta R.T. -0.026 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

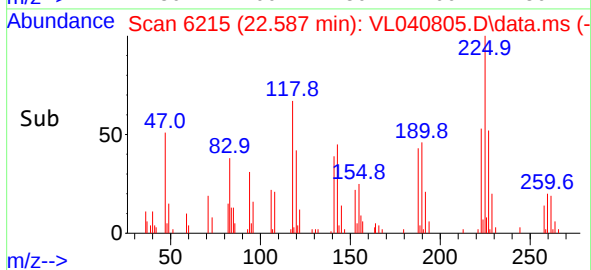
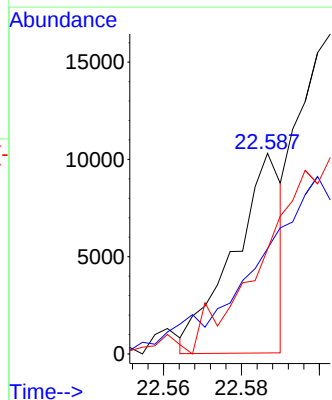
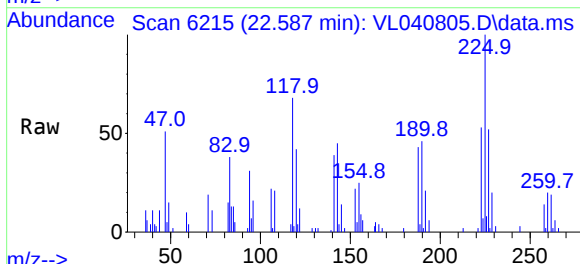
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

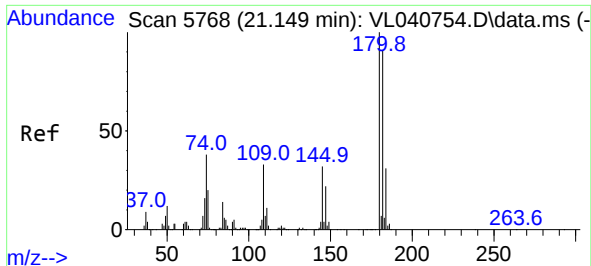
Tgt Ion:146 Resp: 60211
Ion Ratio Lower Upper
146 100
111 58.8 22.9 68.8
148 69.6 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 0.083 ppbv
RT: 22.587 min Scan# 6215
Delta R.T. -0.054 min
Lab File: VL040805.D
Acq: 25 Oct 2023 18:12

Tgt Ion:225 Resp: 8861
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 0.0 51.4 77.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.046 ppbv

RT: 21.101 min Scan# 51

Delta R.T. -0.048 min

Lab File: VL040805.D

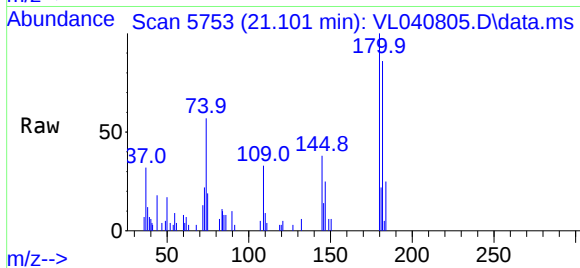
Acq: 25 Oct 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL



Tgt Ion:180 Resp: 4930

Ion Ratio Lower Upper

180 100

182 0.0 77.9 116.9#

184 0.0 25.0 37.6#

