

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040207.D
 Acq On : 21 Feb 2023 23:00
 Operator : SY/MD
 Sample : 01627-14 LOQ 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2023

Quant Time: Feb 22 05:08:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 22 03:17:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	827096	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.655	114	2079428	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.471	117	1833384	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1524518	10.112	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.726	85	5490	0.036	ppbv	94
3) Chlorodifluoromethane	2.671	51	3457	0.035	ppbv	96
4) Chloromethane	2.809	50	2630	0.042	ppbv #	66
5) Vinyl Chloride	2.915	62	1268	0.025	ppbv #	79
6) Bromomethane	3.121	94	361	0.020	ppbv #	16
7) Chloroethane	3.192	64	434	0.022	ppbv #	43
8) Dichlorotetrafluoroethane	2.851	85	4297	0.032	ppbv	92
9) Propene	2.681	41	391	0.010	ppbv #	14
10) Heptane	7.571	43	705	0.007	ppbv #	26
11) Trichlorofluoromethane	3.555	101	4607	0.033	ppbv	87
12) 1,1,2-Trichlorotrifluo...	4.066	101	3370	0.033	ppbv	94
13) Ethanol	3.253	45	359	0.097	ppbv #	41
14) Bromoethene	3.359	108	533	0.014	ppbv #	1
15) Acetone	3.497	43	8164	0.082	ppbv #	55
16) 1,3-Butadiene	2.976	39	444	0.010	ppbv #	8
17) tert-Butyl alcohol	3.893	59	97	0.001	ppbv #	72
18) 1,1-Dichloroethene	3.877	96	894	0.020	ppbv #	13
19) Isopropyl Alcohol	3.549	45	149	0.003	ppbv #	1
20) Methylene Chloride	3.925	84	9442	0.182	ppbv #	64
21) Allyl Chloride	3.992	41	1214	0.020	ppbv #	1
22) trans-1,2-Dichloroethene	4.436	96	883	0.019	ppbv #	63
23) Vinyl Acetate	4.629	43	758	0.025	ppbv #	1
24) 1,1-Dichloroethane	4.558	63	1781	0.019	ppbv #	88
25) Ethyl Acetate	5.201	43	752	0.004	ppbv #	74
26) Hexane	5.201	57	987	0.012	ppbv #	1
27) Carbon Disulfide	4.121	76	1940	0.019	ppbv #	46
28) Methyl tert-Butyl Ether	4.581	73	115	0.001	ppbv #	52
29) Chloroform	5.269	83	2354	0.017	ppbv	87
30) Cyclohexane	6.610	84	431	0.007	ppbv #	1
31) cis-1,2-Dichloroethene	5.095	61	246	0.003	ppbv	98
32) 1,1,1-Trichloroethane	6.008	97	1178	0.009	ppbv #	1
34) 2-Butanone	4.767	43	67	0.001	ppbv #	53
35) Carbon Tetrachloride	6.494	117	1256	0.010	ppbv #	56
36) Benzene	6.372	78	897	0.006	ppbv #	74
37) 1,2-Dichloroethane	5.809	62	768	0.008	ppbv #	82
38) Trichloroethene	7.298	130	937	0.011	ppbv #	18
39) 1,2-Dichloropropane	6.652	63	527600	8.381	ppbv #	26
40) 1,4-Dioxane	7.295	88	117	0.005	ppbv #	1
41) Tetrahydrofuran	5.584	42	31	0.001	ppbv #	35
42) Bromodichloromethane	7.246	83	1704	0.012	ppbv #	79
43) Methyl Methacrylate	7.484	69	529	0.009	ppbv #	1
44) 2,2,4-Trimethylpentane	7.324	57	1540	0.006	ppbv #	1
45) t-1,3-Dichloropropene	8.709	75	124	0.002	ppbv #	43

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Instrument :
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 LOQ-AIR-02-QT1-2023

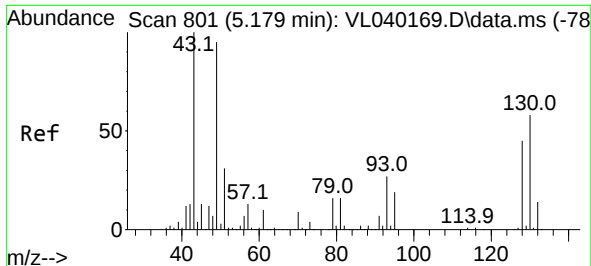
Quant Time: Feb 22 05:08:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 22 03:17:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.143	75	520	0.007	ppbv	#	35
47) 1,1,2-Trichloroethane	8.896	97	311	0.005	ppbv	#	40
48) Dibromochloromethane	9.700	129	514	0.005	ppbv	#	10
49) Bromoform	12.404	173	424	0.005	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.201	43	143	0.001	ppbv	#	38
51) 2-Hexanone	9.574	43	67	0.001	ppbv	#	1
52) Tetrachloroethene	10.613	164	828	0.016	ppbv	#	62
53) Toluene	9.221	91	1545	0.009	ppbv	#	1
54) 1,2-Dibromoethane	10.002	107	190	0.003	ppbv	#	3
56) 1,1,1,2-Tetrachloroethane	11.510	131	866	0.011	ppbv	#	1
57) Chlorobenzene	11.536	112	1276	0.010	ppbv	#	96
58) Ethyl Benzene	12.098	91	1813	0.008	ppbv		93
59) m/p-Xylene	12.378	91	1286	0.007	ppbv	#	33
60) o-Xylene	13.060	91	1095	0.006	ppbv	#	54
61) Styrene	12.905	104	471	0.005	ppbv	#	27
62) Isopropylbenzene	14.031	105	3244	0.012	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.053	83	416	0.006	ppbv	#	24
64) n-propylbenzene	14.921	120	198	0.003	ppbv	#	1
65) tert-Butylbenzene	16.088	119	564	0.002	ppbv	#	16
66) Benzyl Chloride	16.201	91	67	0.004	ppbv	#	1
67) sec-Butylbenzene	16.638	105	2044	0.006	ppbv	#	60
69) p-Isopropyltoluene	16.979	119	165	0.001	ppbv	#	54
70) n-Butylbenzene	17.892	91	1049	0.004	ppbv	#	45
71) 2-Chlorotoluene	14.812	91	2308	0.011	ppbv	#	45
72) 4-Ethyltoluene	15.185	105	475	0.002	ppbv	#	55
73) 1,3,5-Trimethylbenzene	15.352	105	876	0.004	ppbv	#	61
74) 1,2,4-Trimethylbenzene	16.101	105	672	0.003	ppbv	#	71
75) 1,3-Dichlorobenzene	16.336	146	801	0.007	ppbv	#	1
76) 1,4-Dichlorobenzene	16.468	146	521	0.005	ppbv	#	23
77) 1,2-Dichlorobenzene	17.143	146	624	0.005	ppbv	#	22
78) Hexachloro-1,3-Butadiene	22.622	225	364	0.005	ppbv	#	18
79) Naphthalene	21.394	128	30	0.000	ppbv	#	69
80) Naphthalene,2-methyl-	24.750	142	47	0.001	ppbv	#	1
81) 1,2,4-Trichlorobenzene	21.133	180	62	0.001	ppbv	#	11

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

Quant Time: Feb 22 05:08:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 22 03:17:31 2023
Response via : Initial Calibration

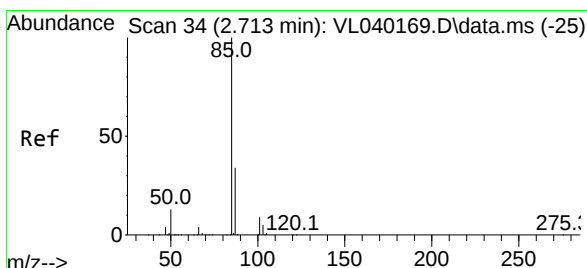
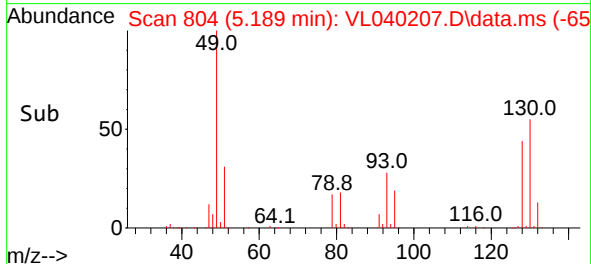
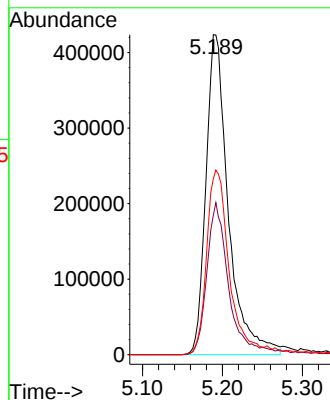
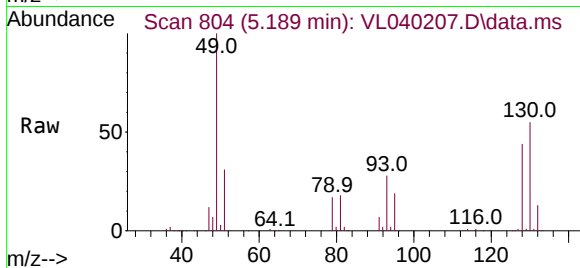




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

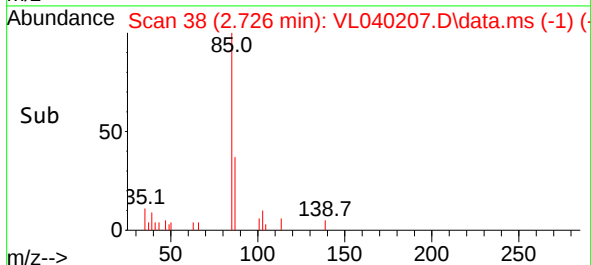
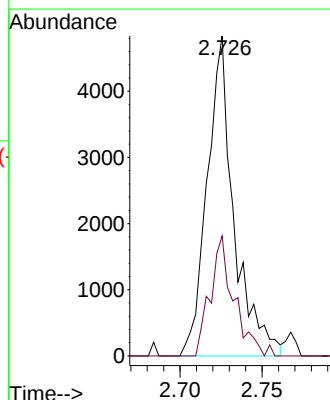
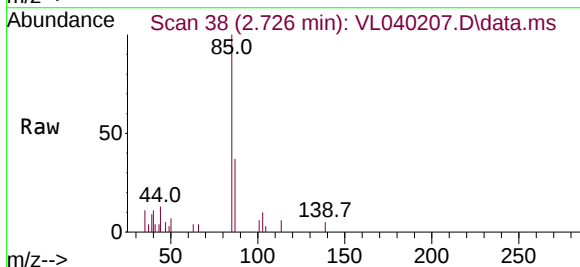
Instrument :
MSVOA_1
ClientSampleId :
LOQ-AIR-02-QT1-2023

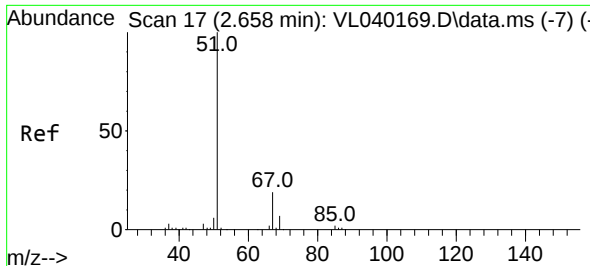
Tgt Ion: 49 Resp: 827096
Ion Ratio Lower Upper
49 100
128 47.9 24.1 72.3
130 61.1 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 0.036 ppbv
RT: 2.726 min Scan# 38
Delta R.T. -0.003 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 85 Resp: 5490
Ion Ratio Lower Upper
85 100
87 37.5 27.0 40.6

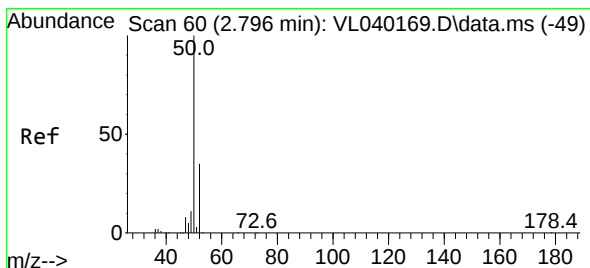
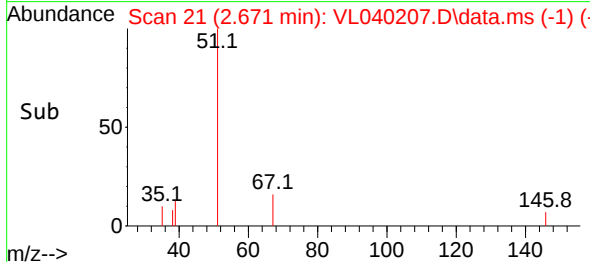
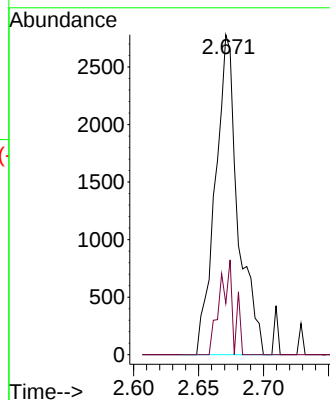
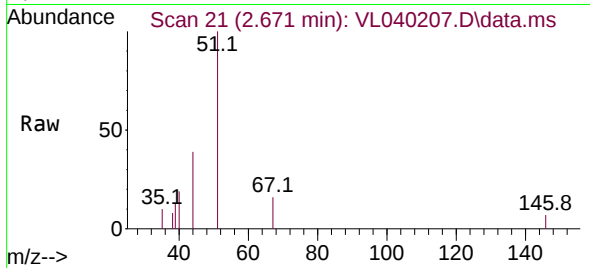




#3
Chlorodifluoromethane
Concen: 0.035 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

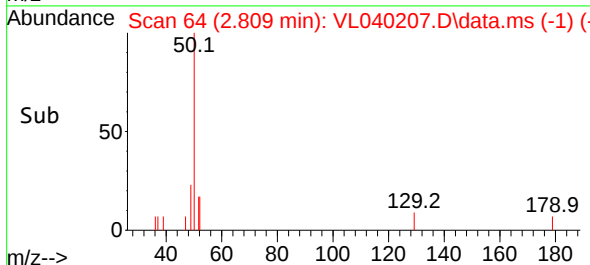
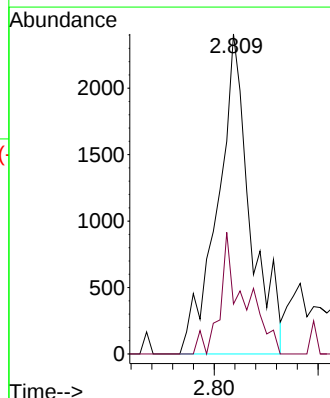
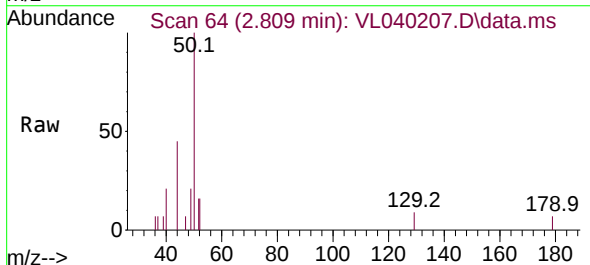
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ClientSampleId :
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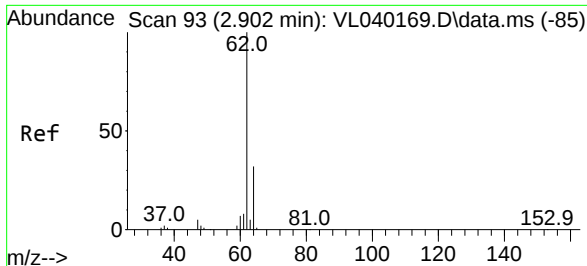
Tgt Ion: 51 Resp: 3457
Ion Ratio Lower Upper
51 100
67 17.4 15.4 23.2



#4
Chloromethane
Concen: 0.042 ppbv
RT: 2.809 min Scan# 64
Delta R.T. -0.003 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 50 Resp: 2630
Ion Ratio Lower Upper
50 100
52 15.6 28.3 42.5#

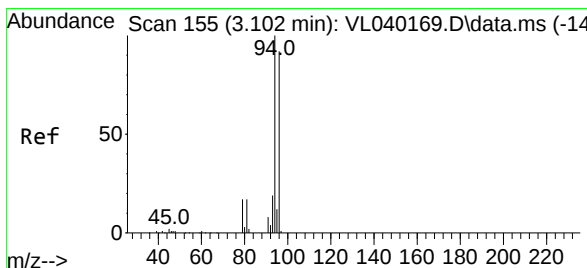
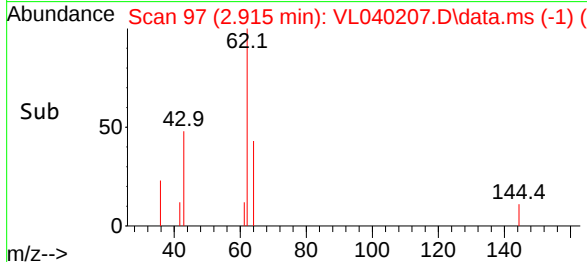
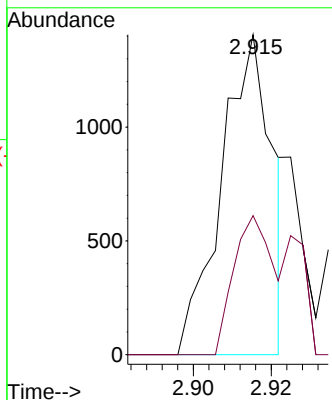
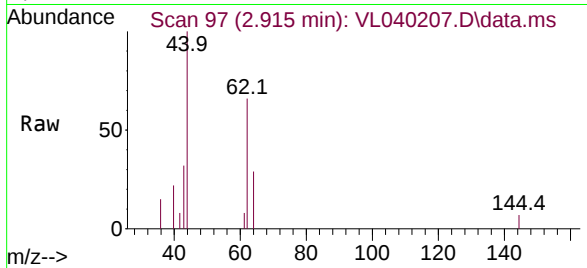




#5
 Vinyl Chloride
 Concen: 0.025 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VL040207.D
 Acq: 21 Feb 2023 23:00

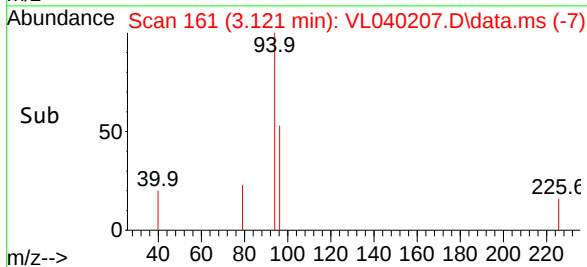
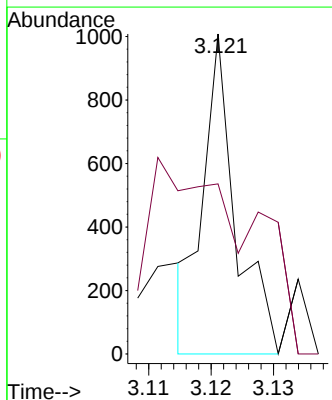
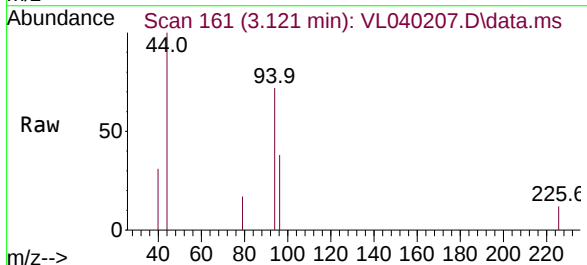
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2023

Tgt Ion: 62 Resp: 1268
 Ion Ratio Lower Upper
 62 100
 64 43.5 25.6 38.4#



#6
 Bromomethane
 Concen: 0.020 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VL040207.D
 Acq: 21 Feb 2023 23:00

Tgt Ion: 94 Resp: 361
 Ion Ratio Lower Upper
 94 100
 96 12.0 73.4 110.2#

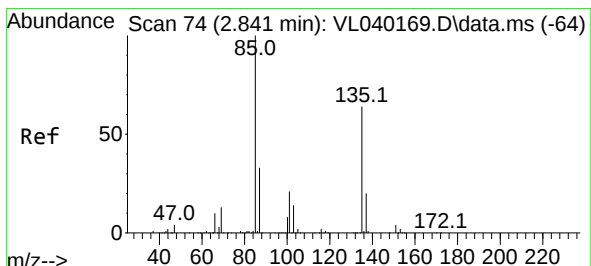
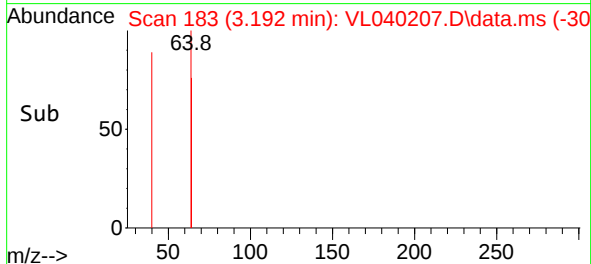
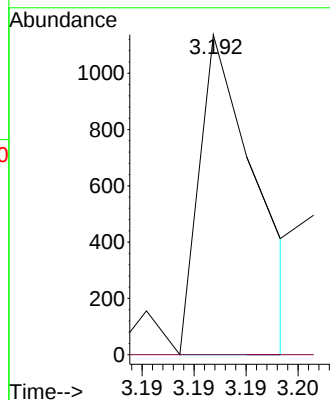
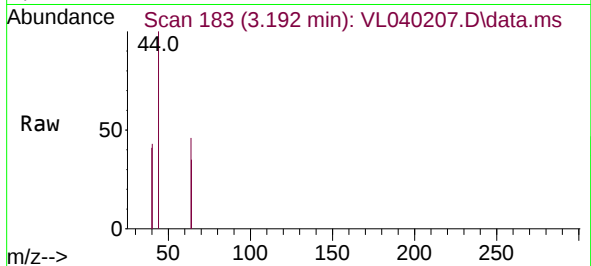




#7
Chloroethane
Concen: 0.022 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

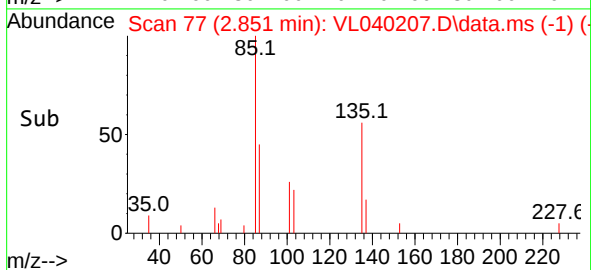
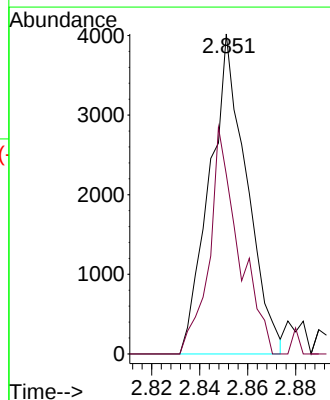
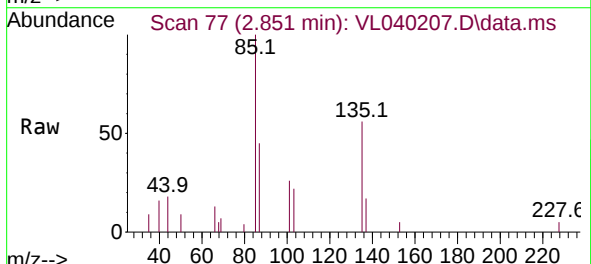
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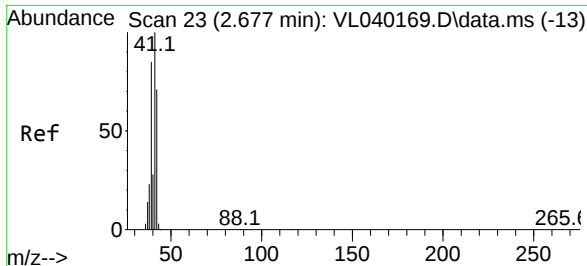
Tgt Ion: 64 Resp: 434
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#8
Dichlorotetrafluoroethane
Concen: 0.032 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.006 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 85 Resp: 4297
Ion Ratio Lower Upper
85 100
135 57.7 51.5 77.3





#9

Propene

Concen: 0.010 ppbv

RT: 2.681 min Scan# 24

Delta R.T. -0.013 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

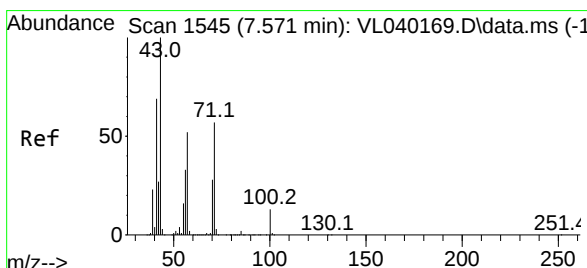
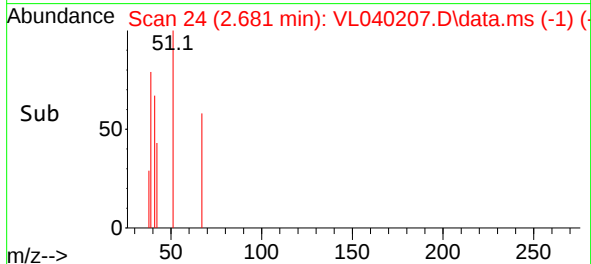
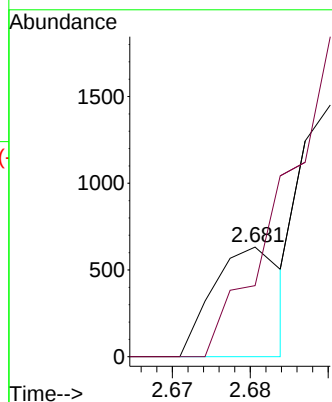
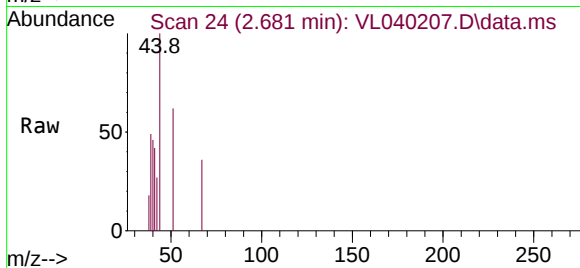
LOQ-AIR-02-QT1-2023

Tgt Ion: 41 Resp: 391

Ion Ratio Lower Upper

41 100

42 0.0 56.9 85.3#



#10

Heptane

Concen: 0.007 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.032 min

Lab File: VL040207.D

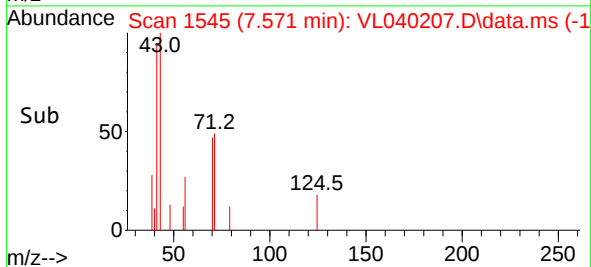
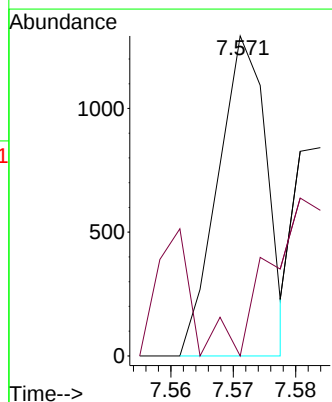
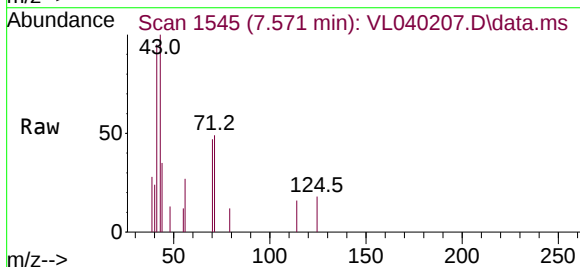
Acq: 21 Feb 2023 23:00

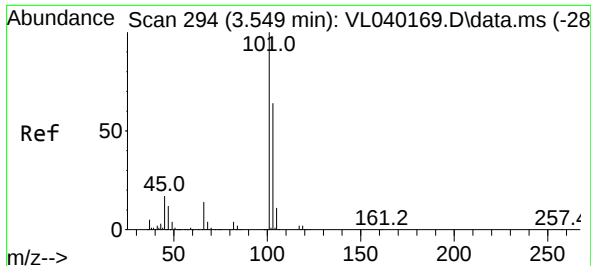
Tgt Ion: 43 Resp: 705

Ion Ratio Lower Upper

43 100

57 0.0 41.4 62.2#

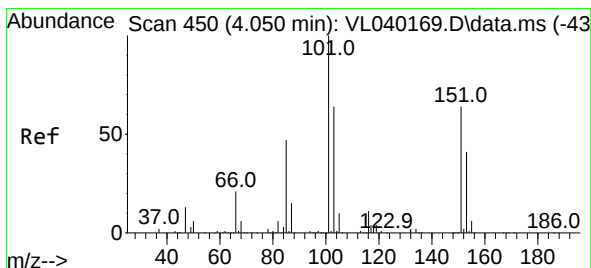
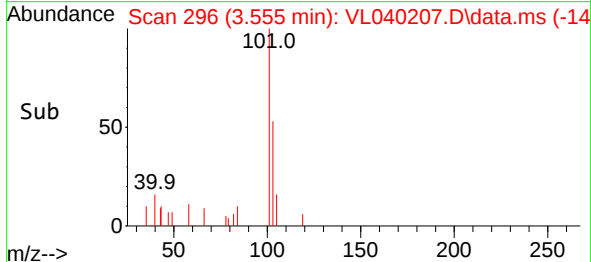
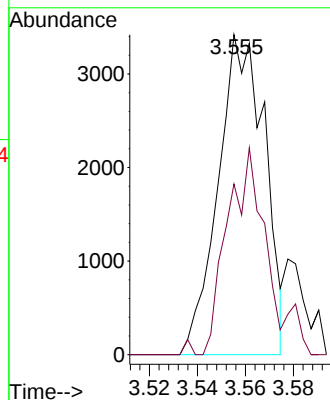
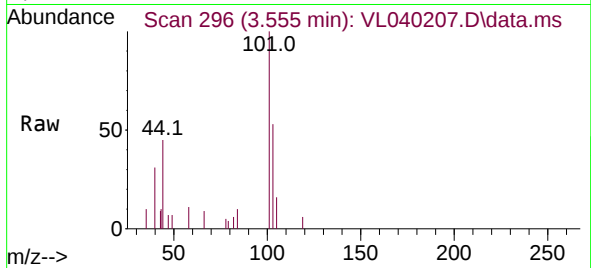




#11
Trichlorofluoromethane
Concen: 0.033 ppbv
RT: 3.555 min Scan# 294
Delta R.T. -0.013 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

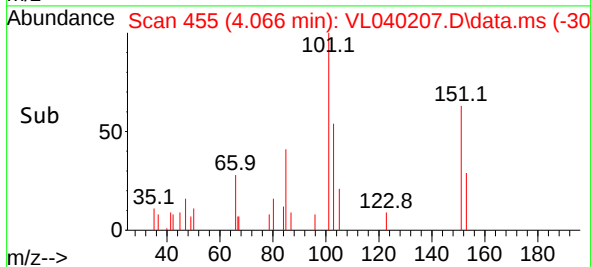
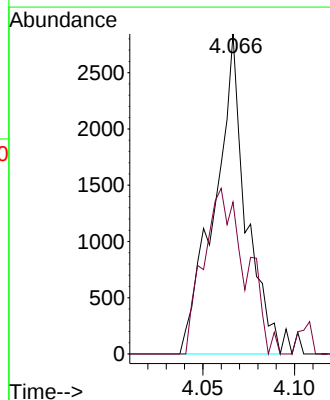
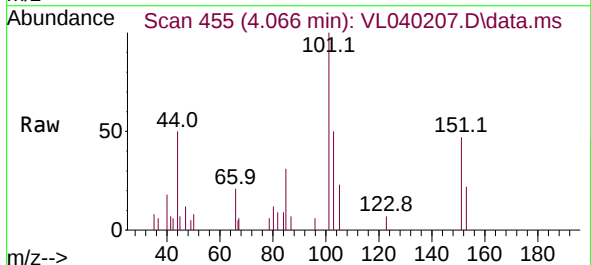
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

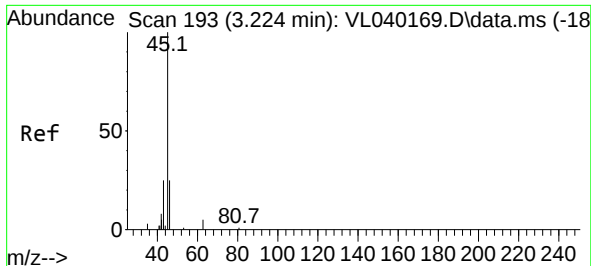
Tgt Ion:101 Resp: 4607
Ion Ratio Lower Upper
101 100
103 53.3 51.0 76.6



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.033 ppbv
RT: 4.066 min Scan# 455
Delta R.T. -0.006 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion:101 Resp: 3370
Ion Ratio Lower Upper
101 100
151 73.5 54.7 82.1

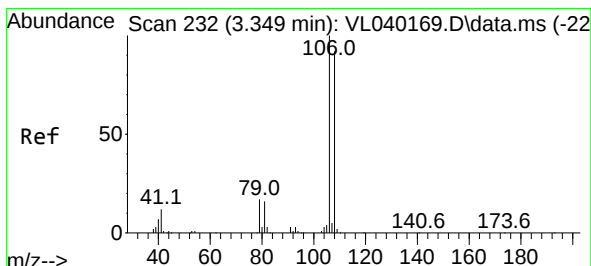
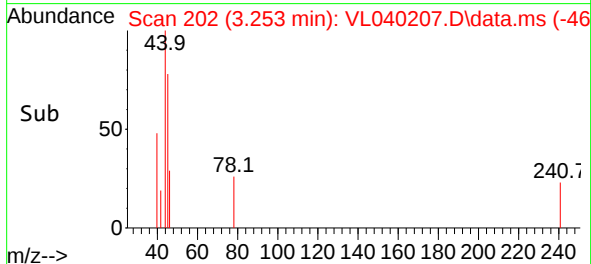
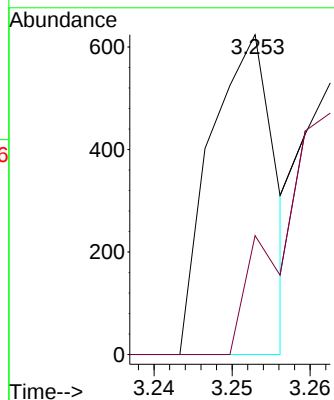
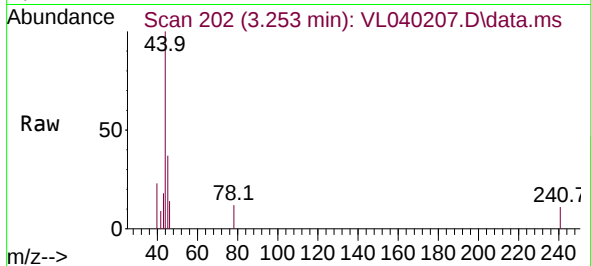




#13
Ethanol
Concen: 0.097 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

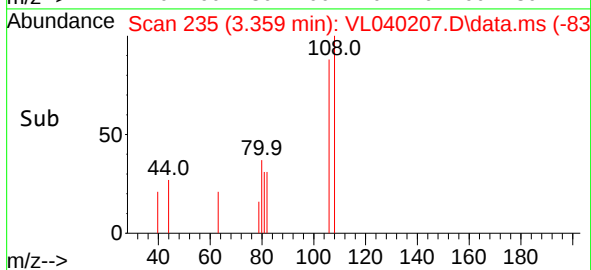
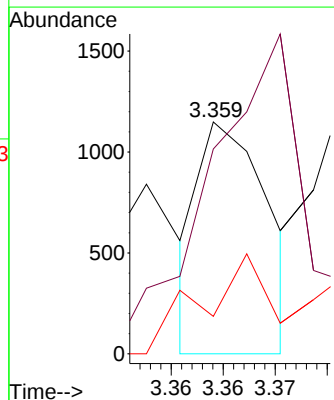
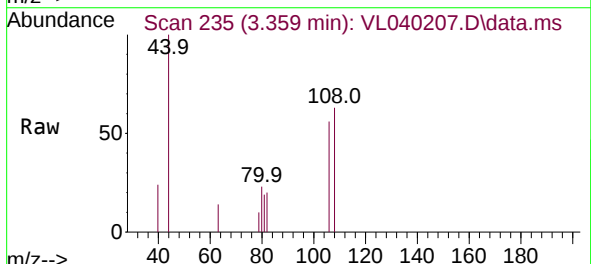
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

Tgt Ion: 45 Resp: 359
Ion Ratio Lower Upper
45 100
46 0.0 13.3 53.1#



#14
Bromoethene
Concen: 0.014 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.010 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 108 Resp: 533
Ion Ratio Lower Upper
108 100
106 249.9 87.1 130.7#
79 75.8 15.4 23.2#





#15

Acetone

Concen: 0.082 ppbv

RT: 3.497 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

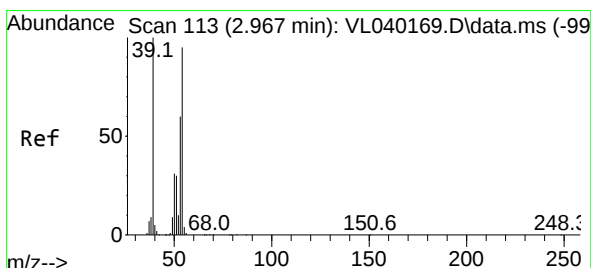
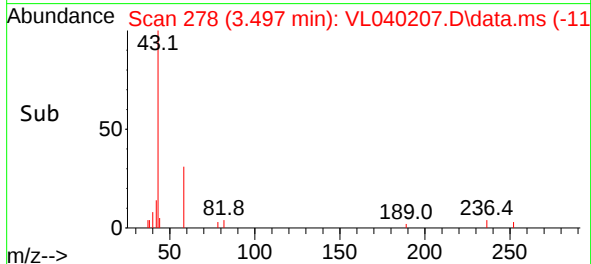
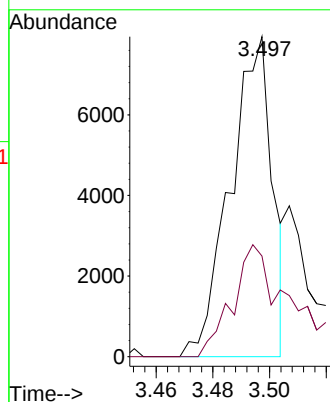
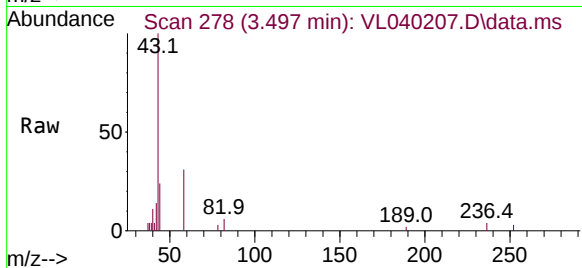
LOQ-AIR-02-QT1-2023

Tgt Ion: 43 Resp: 8164

Ion Ratio Lower Upper

43 100

58 51.4 22.4 33.6#



#16

1,3-Butadiene

Concen: 0.010 ppbv

RT: 2.976 min Scan# 116

Delta R.T. -0.010 min

Lab File: VL040207.D

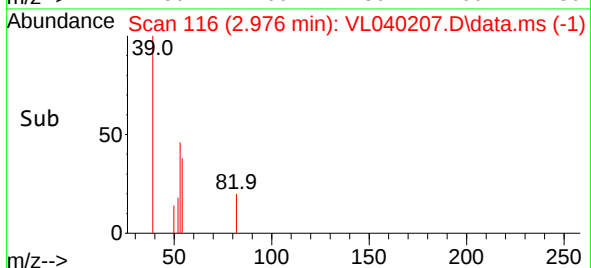
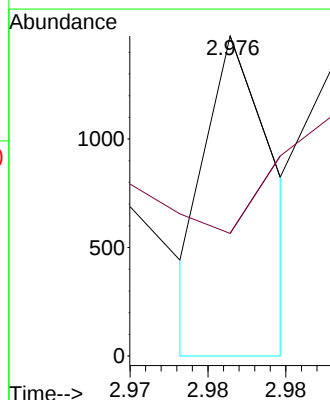
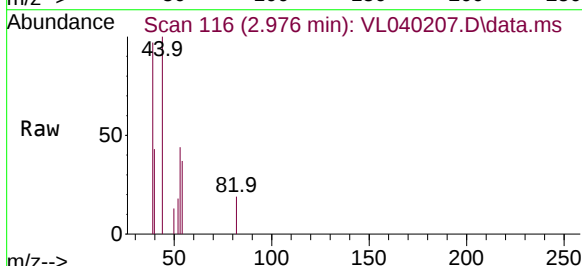
Acq: 21 Feb 2023 23:00

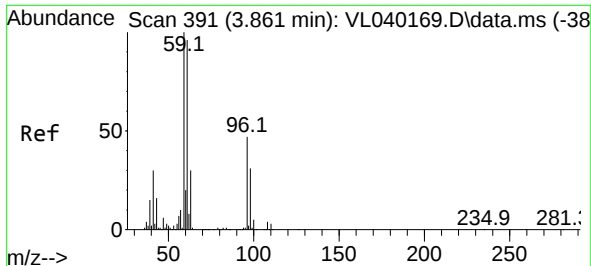
Tgt Ion: 39 Resp: 444

Ion Ratio Lower Upper

39 100

54 0.0 66.7 100.1#





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.006 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

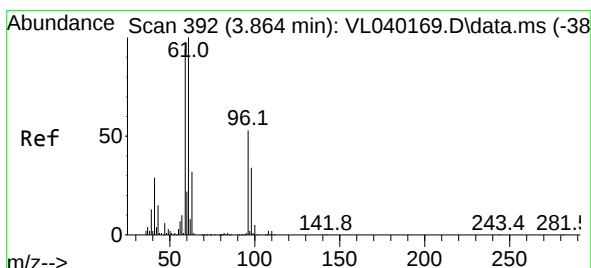
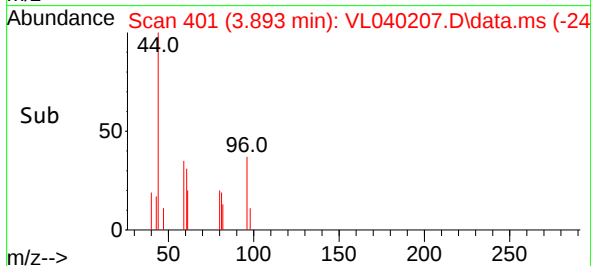
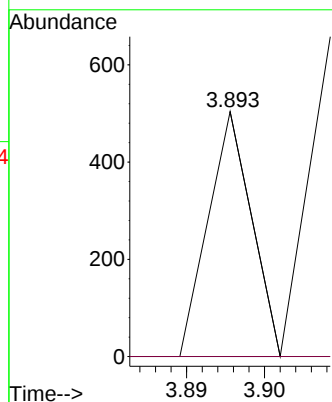
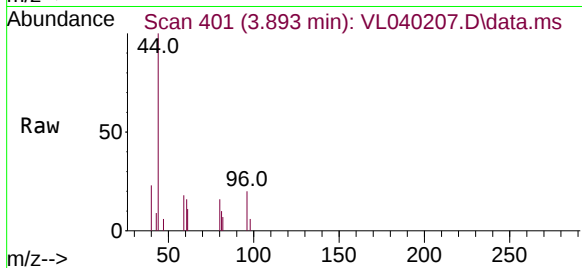
LOQ-AIR-02-QT1-2023

Tgt Ion: 59 Resp: 97

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#18

1,1-Dichloroethene

Concen: 0.020 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.010 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

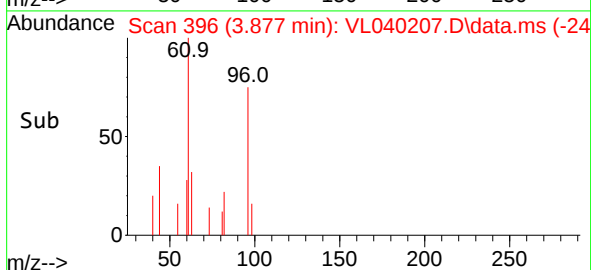
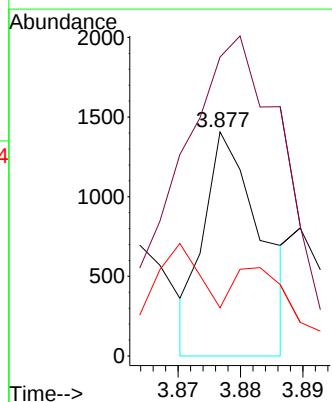
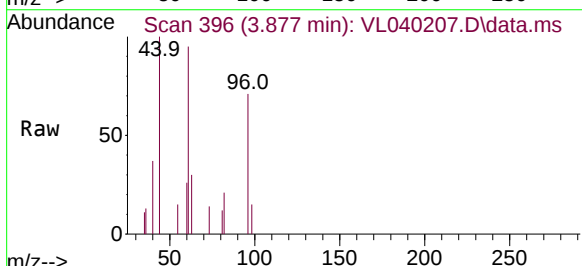
Tgt Ion: 96 Resp: 894

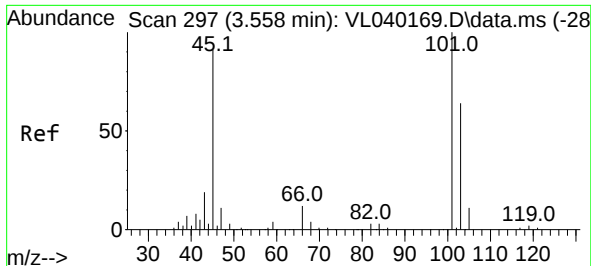
Ion Ratio Lower Upper

96 100

61 58.5 149.6 224.4#

98 0.0 51.1 76.7#





#19

Isopropyl Alcohol

Concen: 0.003 ppbv

RT: 3.549 min Scan# 297

Delta R.T. -0.032 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

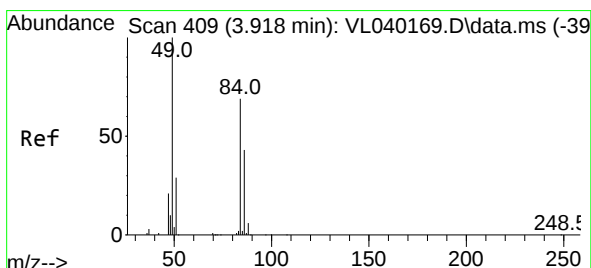
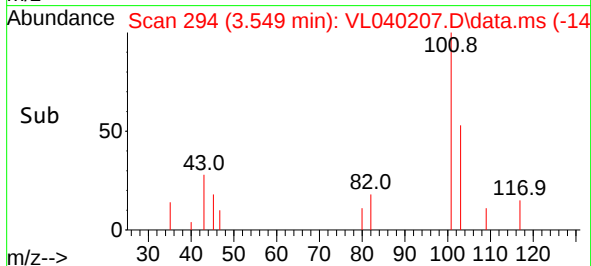
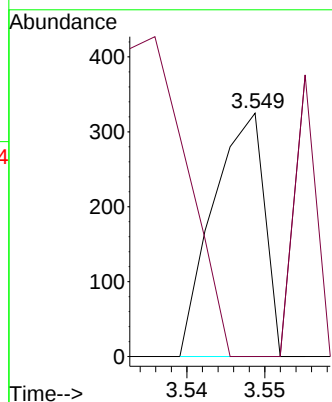
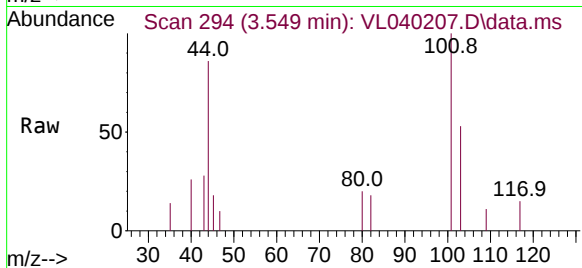
LOQ-AIR-02-QT1-2023

Tgt Ion: 45 Resp: 149

Ion Ratio Lower Upper

45 100

58 113.4 2.6 3.8#



#20

Methylene Chloride

Concen: 0.182 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.013 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Tgt Ion: 84 Resp: 9442

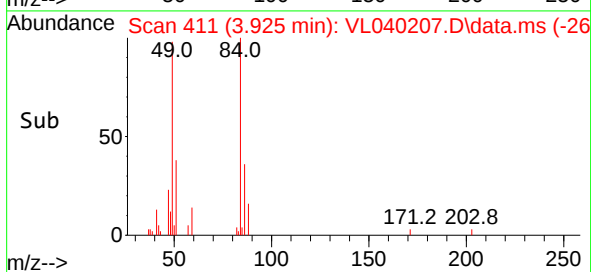
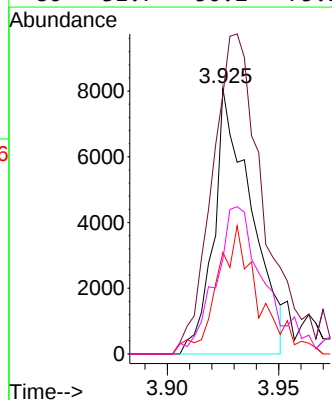
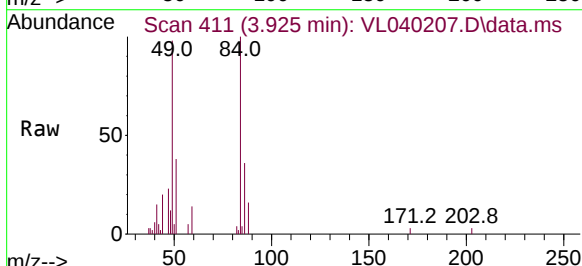
Ion Ratio Lower Upper

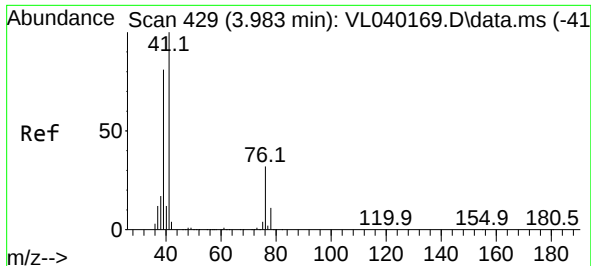
84 100

49 93.4 115.5 173.3#

51 34.5 33.1 49.7

86 31.7 50.2 75.2#





#21

Allyl Chloride

Concen: 0.020 ppbv

RT: 3.992 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

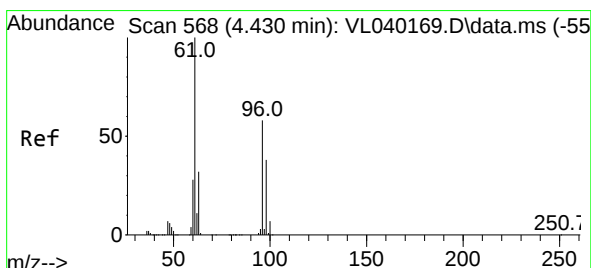
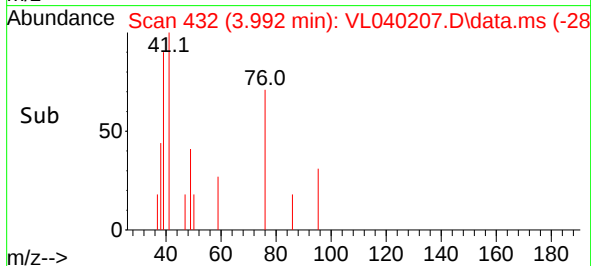
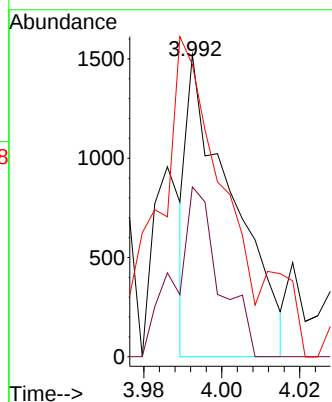
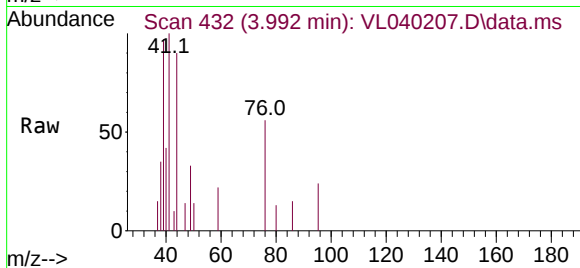
Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2023

Tgt Ion: 41	Resp: 1214
Ion Ratio	Lower Upper
41	100
76	56.2 25.5 38.3#
39	203.9 64.5 96.7#



#22

trans-1,2-Dichloroethene

Concen: 0.019 ppbv

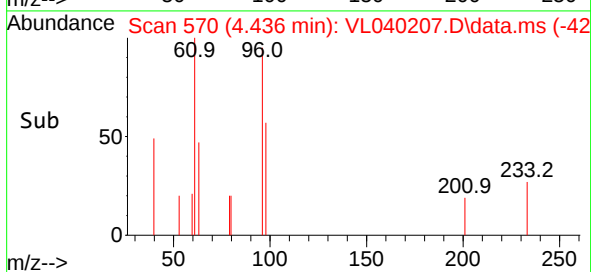
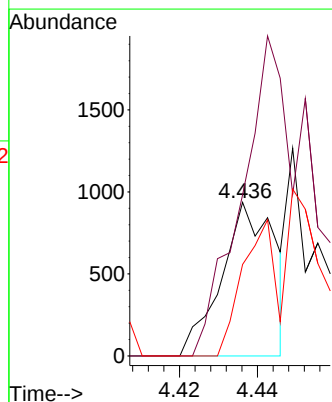
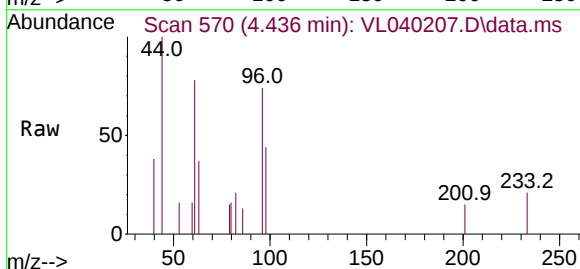
RT: 4.436 min Scan# 570

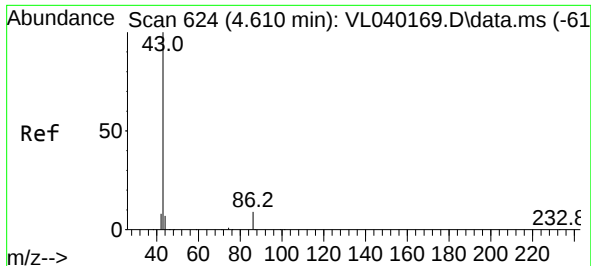
Delta R.T. -0.019 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Tgt Ion: 96	Resp: 883
Ion Ratio	Lower Upper
96	100
61	105.0 137.5 206.3#
98	59.6 52.8 79.2

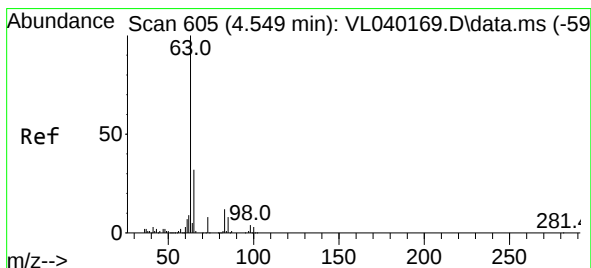
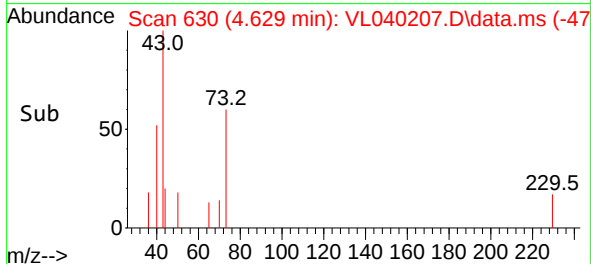
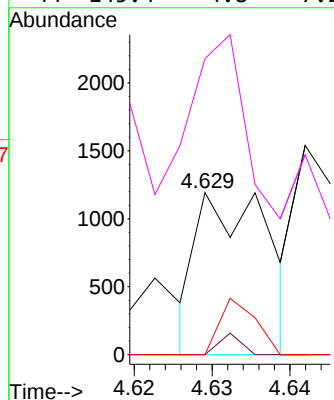
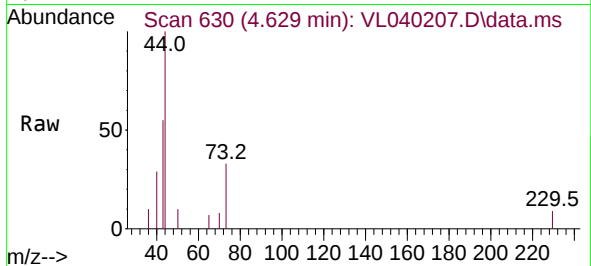




#23
 Vinyl Acetate
 Concen: 0.025 ppbv
 RT: 4.629 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040207.D
 Acq: 21 Feb 2023 23:00

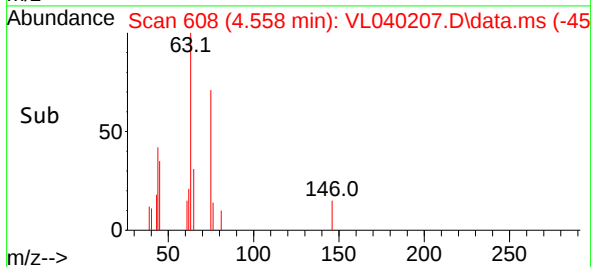
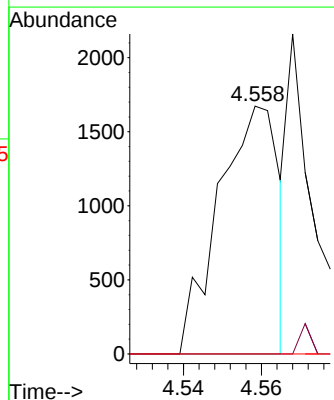
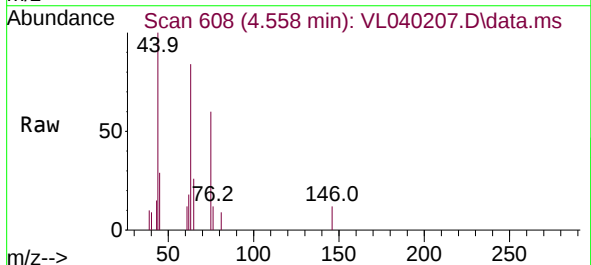
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2023

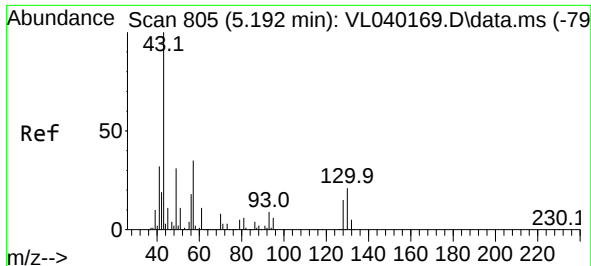
Tgt Ion: 43	Resp: 758
Ion Ratio	Lower Upper
43 100	
86 0.0	5.6 8.4#
42 0.0	7.6 11.4#
44 145.4	4.8 7.2#



#24
 1,1-Dichloroethane
 Concen: 0.019 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.016 min
 Lab File: VL040207.D
 Acq: 21 Feb 2023 23:00

Tgt Ion: 63	Resp:	1781	
Ion Ratio	Lower	Upper	
63 100			
98 0.0	2.3	6.8#	
100 0.0	1.4	4.0#	

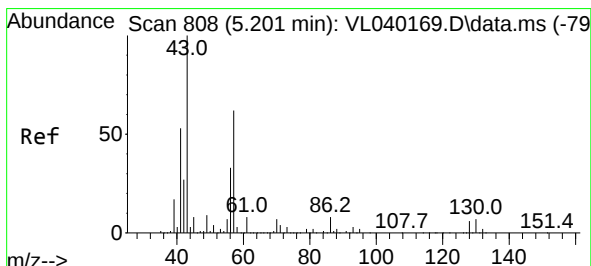
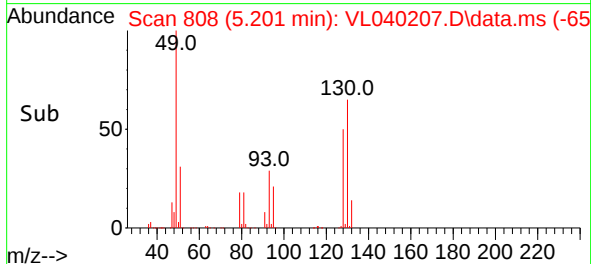
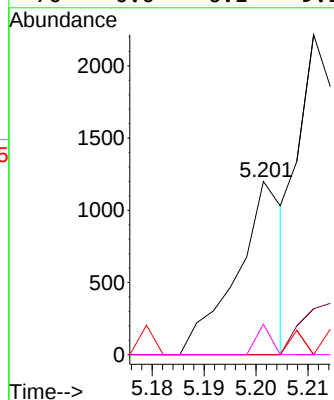
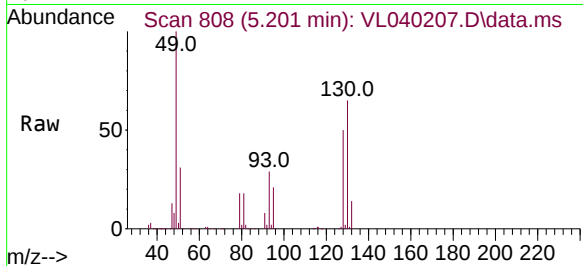




#25
Ethyl Acetate
Concen: 0.004 ppbv
RT: 5.201 min Scan# 805
Delta R.T. -0.016 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

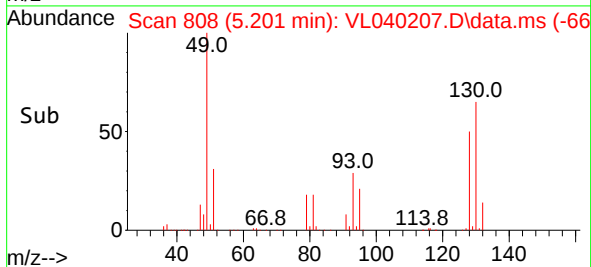
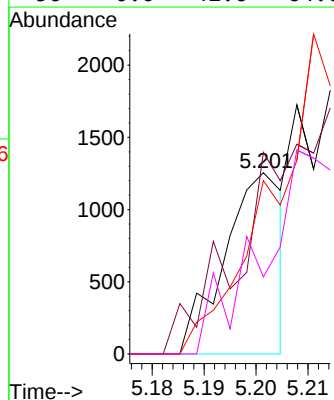
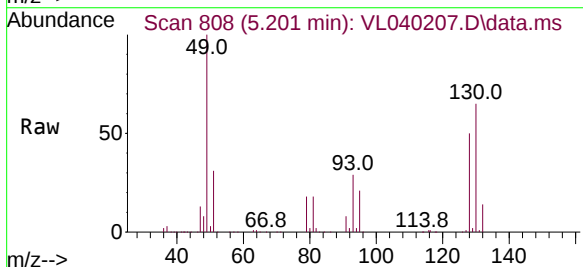
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

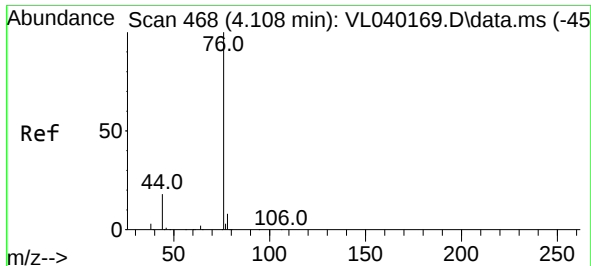
Tgt Ion: 43	Resp: 752
Ion Ratio	Lower Upper
43 100	
45 0.0	8.3 12.5#
61 0.0	8.4 12.6#
70 0.0	6.1 9.1#



#26
Hexane
Concen: 0.012 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.023 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt	Ion: 57	Resp:	987
Ion	Ratio	Lower	Upper
57	100		
41	0.0	74.3	111.5#
43	0.0	193.0	289.4#
56	0.0	42.6	64.0#





#27

Carbon Disulfide

Concen: 0.019 ppbv

RT: 4.121 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2023

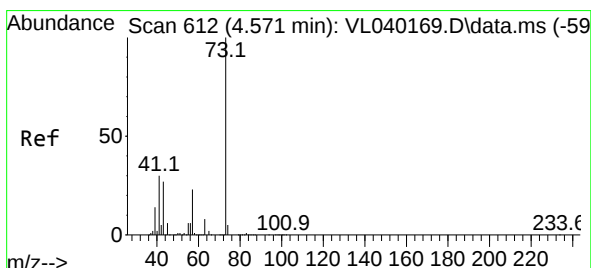
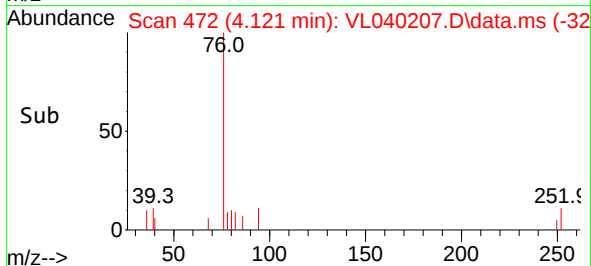
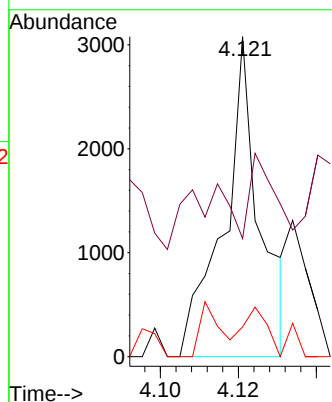
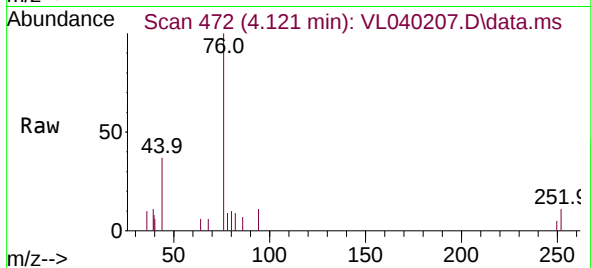
Tgt Ion: 76 Resp: 1940

Ion Ratio Lower Upper

76 100

44 43.9 15.3 22.9#

78 28.5 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.001 ppbv

RT: 4.581 min Scan# 615

Delta R.T. -0.016 min

Lab File: VL040207.D

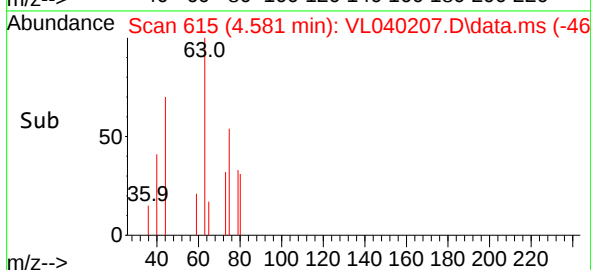
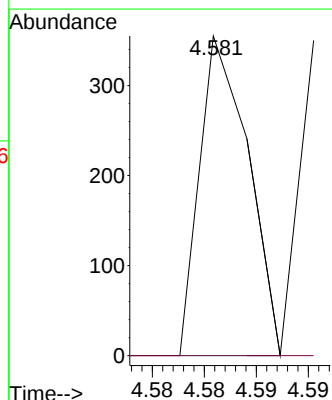
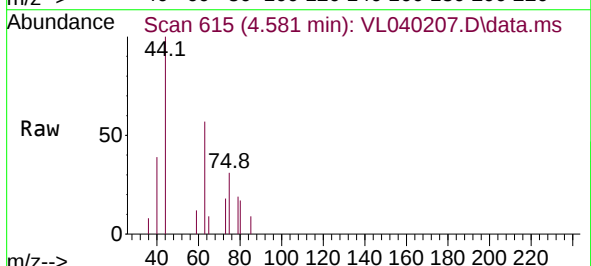
Acq: 21 Feb 2023 23:00

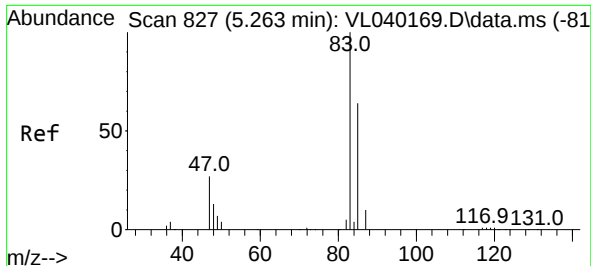
Tgt Ion: 73 Resp: 115

Ion Ratio Lower Upper

73 100

57 0.0 18.8 28.2#





#29

Chloroform

Concen: 0.017 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

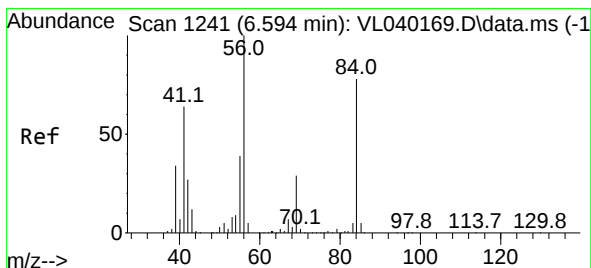
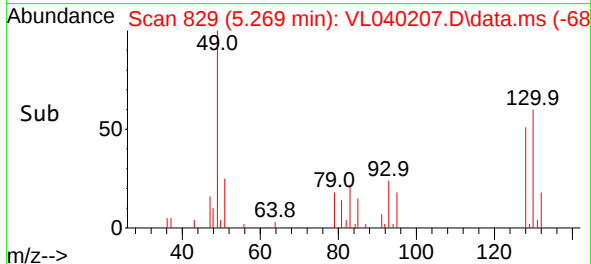
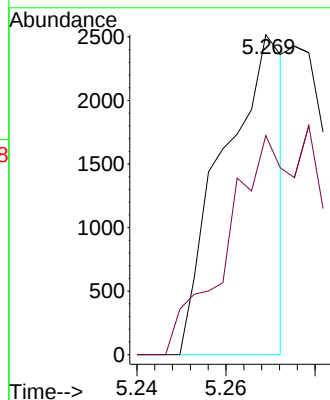
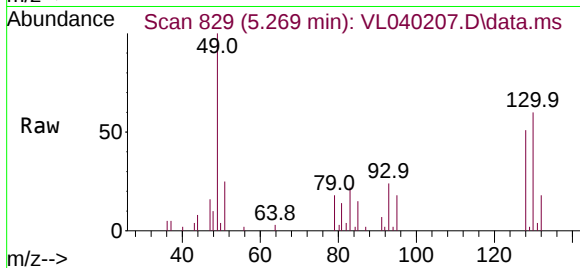
LOQ-AIR-02-QT1-2023

Tgt Ion: 83 Resp: 2354

Ion Ratio Lower Upper

83 100

85 54.2 51.5 77.3



#30

Cyclohexane

Concen: 0.007 ppbv

RT: 6.610 min Scan# 1246

Delta R.T. -0.013 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

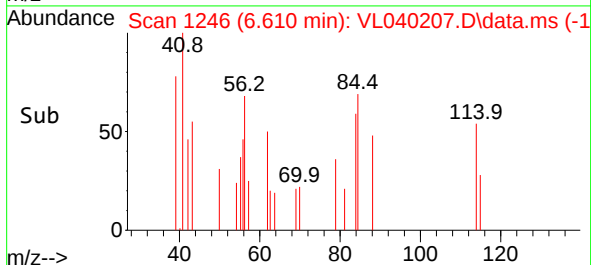
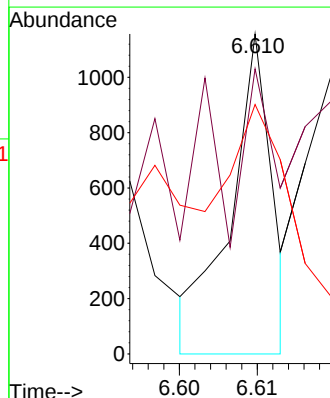
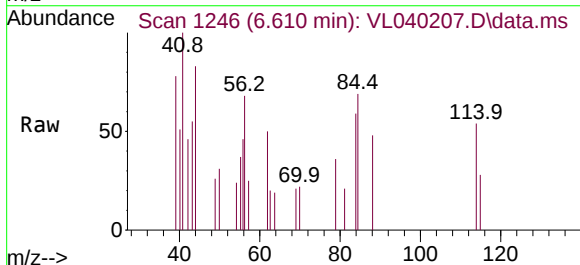
Tgt Ion: 84 Resp: 431

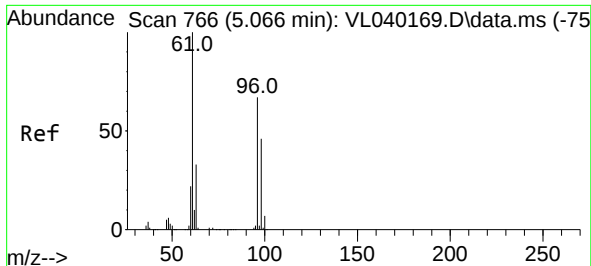
Ion Ratio Lower Upper

84 100

56 0.0 109.9 164.9#

41 334.1 67.8 101.6#

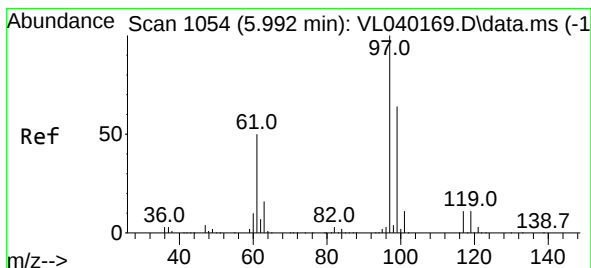
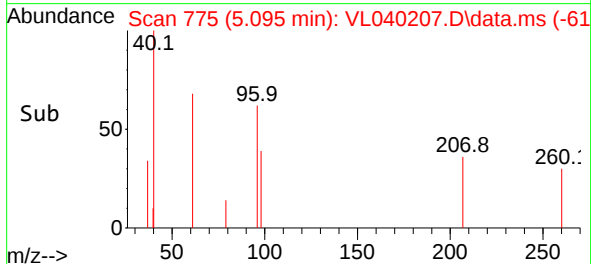
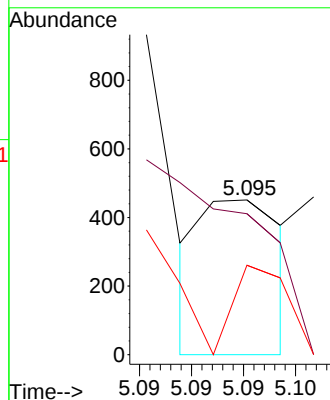
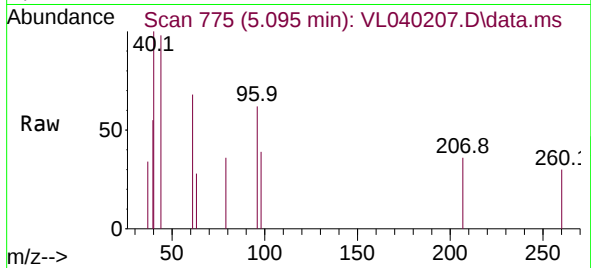




#31
 cis-1,2-Dichloroethene
 Concen: 0.003 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040207.D
 Acq: 21 Feb 2023 23:00

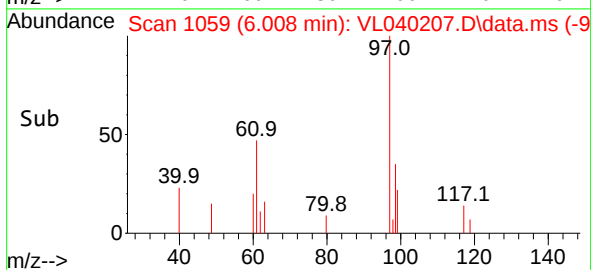
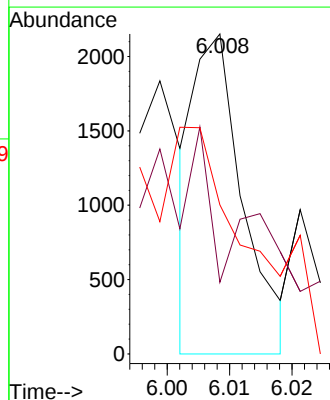
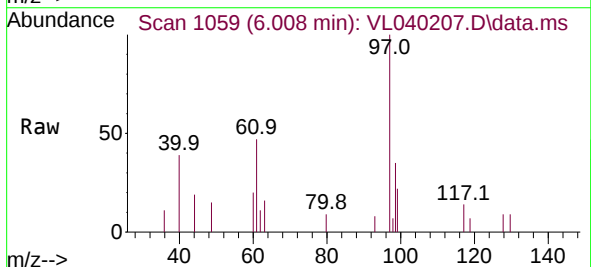
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2023

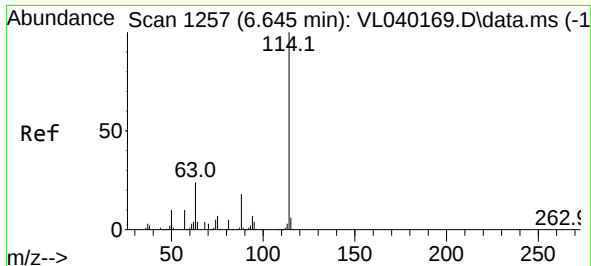
Tgt Ion: 61	Resp:	246
Ion Ratio	Lower	Upper
61	100	
96	67.5	53.7 80.5
98	42.1	36.4 54.6



#32
 1,1,1-Trichloroethane
 Concen: 0.009 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. -0.013 min
 Lab File: VL040207.D
 Acq: 21 Feb 2023 23:00

Tgt Ion: 97	Resp:	1178
Ion Ratio	Lower	Upper
97	100	
99	198.4	51.5 77.3#
61	218.1	40.6 60.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2023

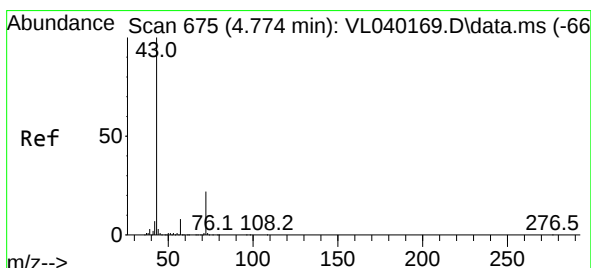
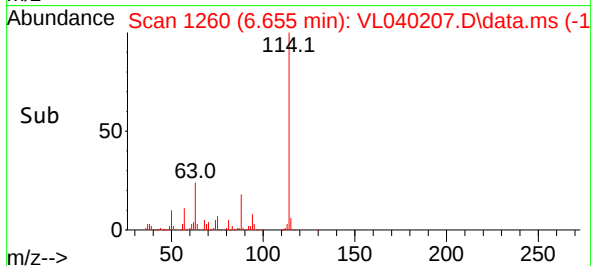
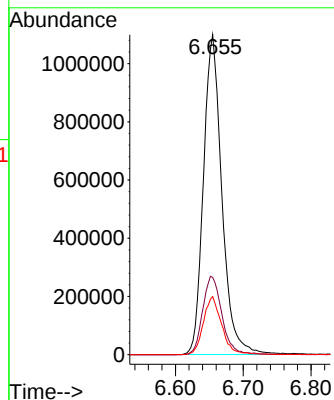
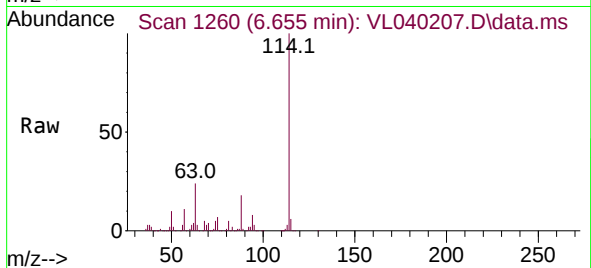
Tgt Ion:114 Resp: 2079428

Ion Ratio Lower Upper

114 100

63 25.7 20.4 30.6

88 18.1 14.3 21.5



#34

2-Butanone

Concen: 0.001 ppbv

RT: 4.767 min Scan# 673

Delta R.T. -0.029 min

Lab File: VL040207.D

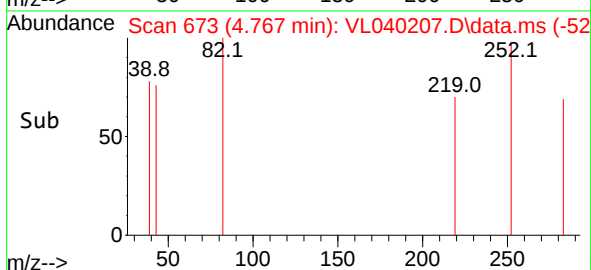
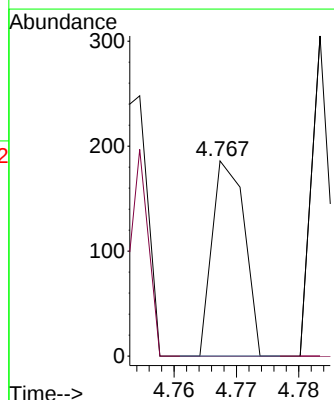
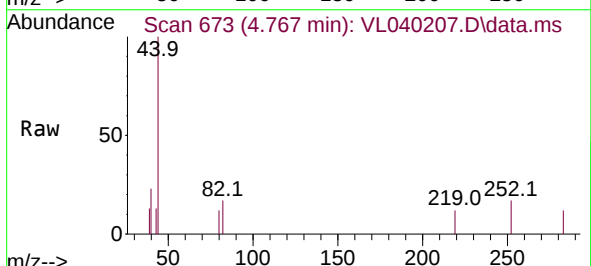
Acq: 21 Feb 2023 23:00

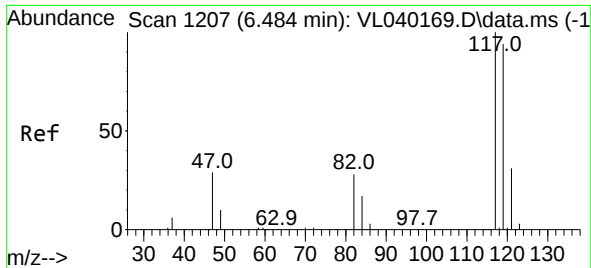
Tgt Ion: 43 Resp: 67

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.8#

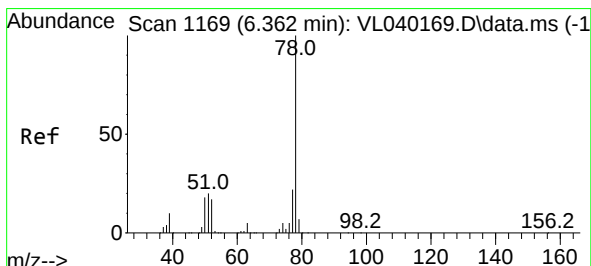
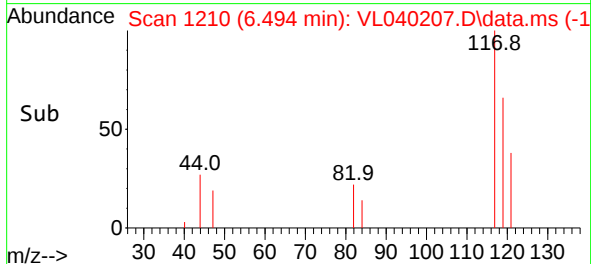
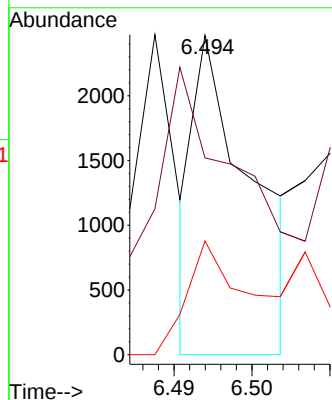
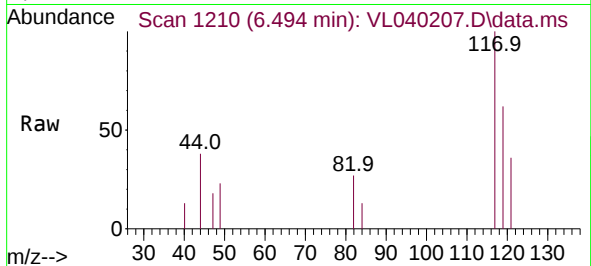




#35
Carbon Tetrachloride
Concen: 0.010 ppbv
RT: 6.494 min Scan# 1172
Delta R.T. -0.019 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

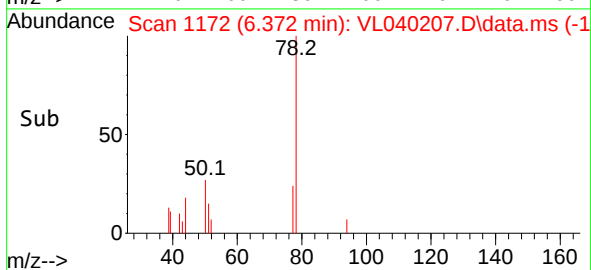
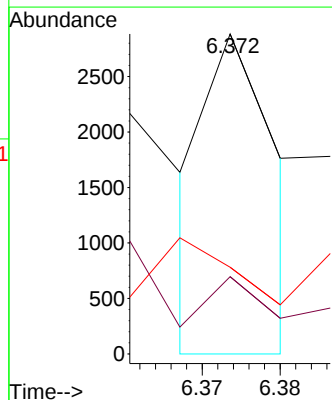
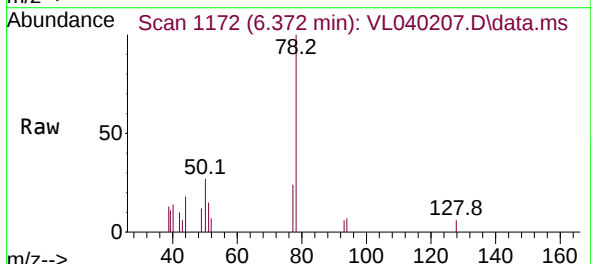
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

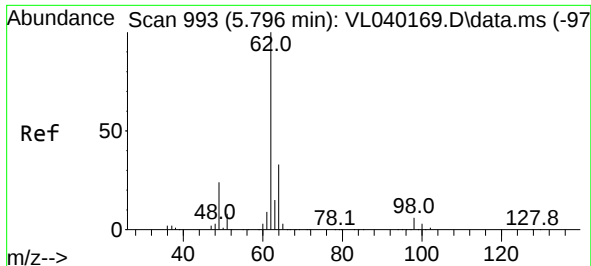
Tgt Ion:117 Resp: 1256
Ion Ratio Lower Upper
117 100
119 44.9 75.0 112.6#
121 44.6 25.0 37.4#



#36
Benzene
Concen: 0.006 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.016 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 78 Resp: 897
Ion Ratio Lower Upper
78 100
77 36.4 17.5 26.3#
50 27.1 14.6 22.0#





#37

1,2-Dichloroethane

Concen: 0.008 ppbv

RT: 5.809 min Scan# 91

Delta R.T. -0.013 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

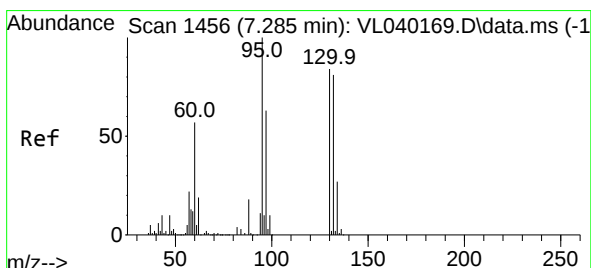
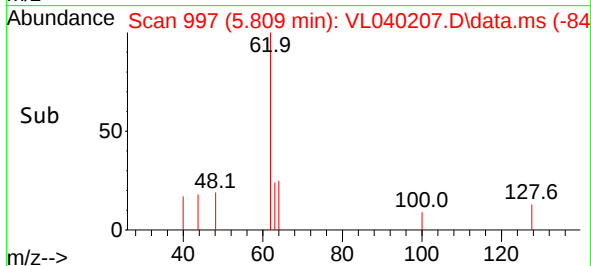
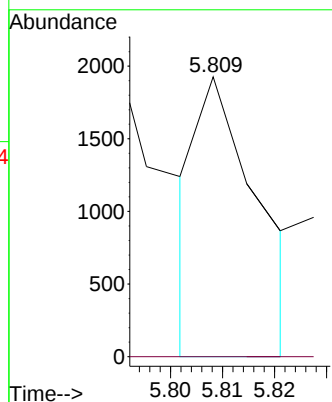
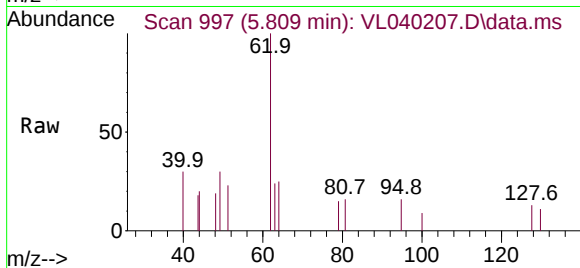
LOQ-AIR-02-QT1-2023

Tgt Ion: 62 Resp: 768

Ion Ratio Lower Upper

62 100

98 0.0 4.7 7.1#



#38

Trichloroethene

Concen: 0.011 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.016 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Tgt Ion: 130 Resp: 937

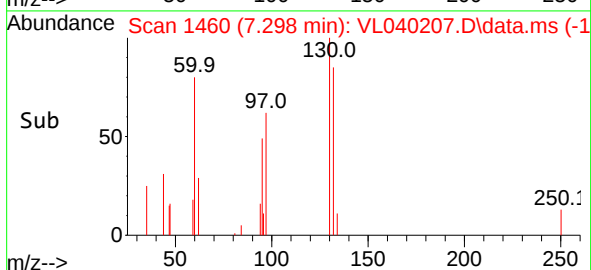
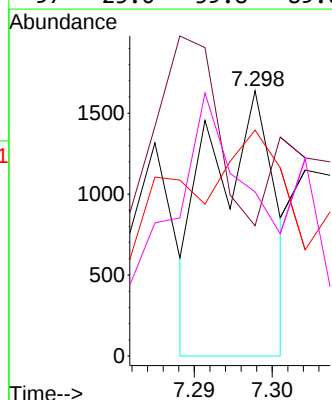
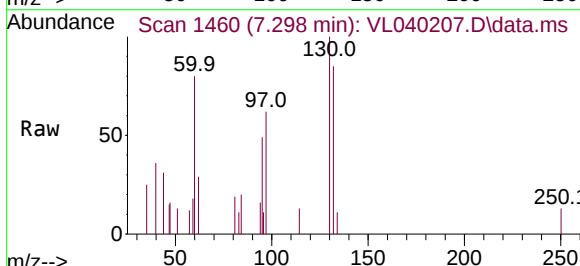
Ion Ratio Lower Upper

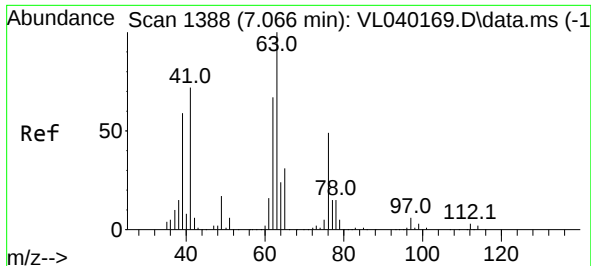
130 100

95 0.0 94.7 142.1#

132 29.8 76.4 114.6#

97 25.0 59.8 89.6#





#39

1,2-Dichloropropane

Concen: 8.381 ppbv

RT: 6.652 min Scan# 1

Delta R.T. -0.444 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2023

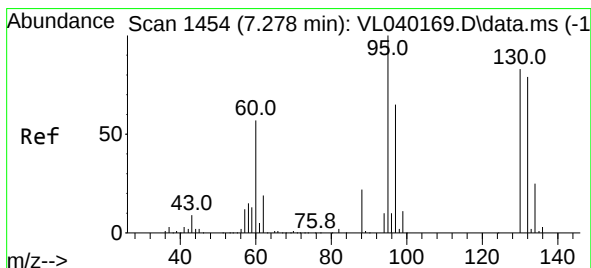
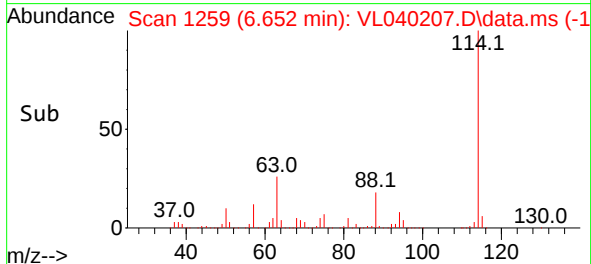
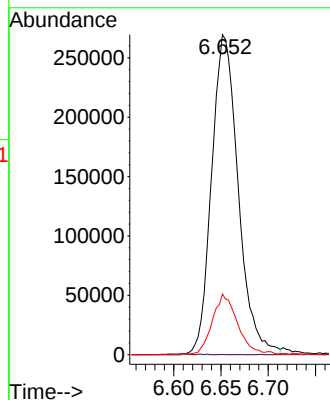
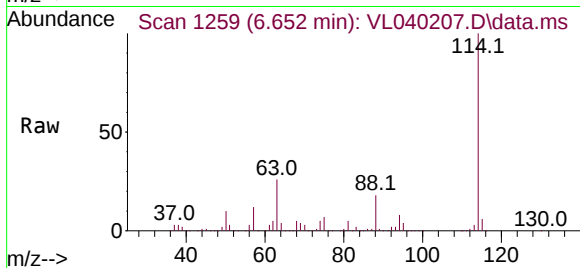
Tgt Ion: 63 Resp: 527600

Ion Ratio Lower Upper

63 100

41 0.1 57.6 86.4#

62 18.9 54.0 81.0#



#40

1,4-Dioxane

Concen: 0.005 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.013 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Tgt Ion: 88 Resp: 117

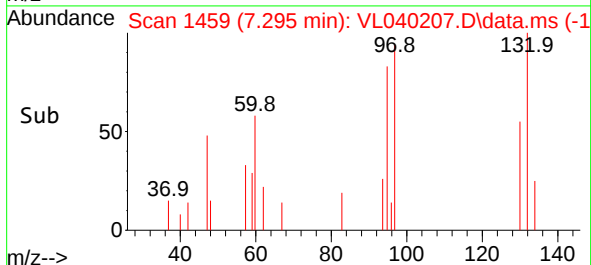
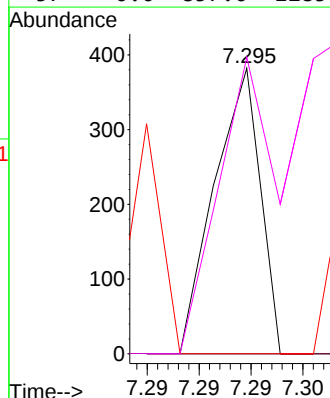
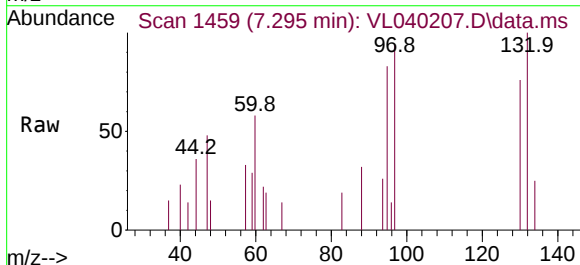
Ion Ratio Lower Upper

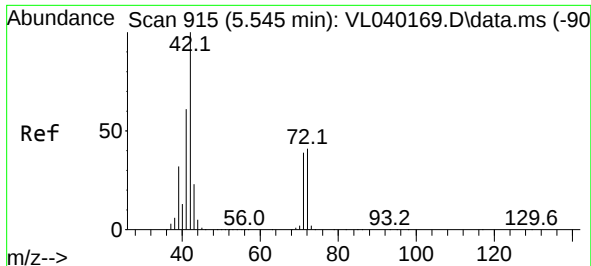
88 100

58 0.0 97.4 146.0#

43 0.0 193.5 290.3#

57 0.0 857.0 1285.6#

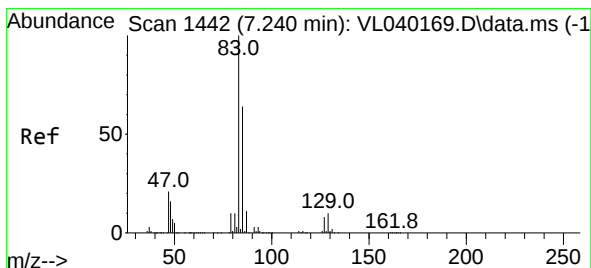
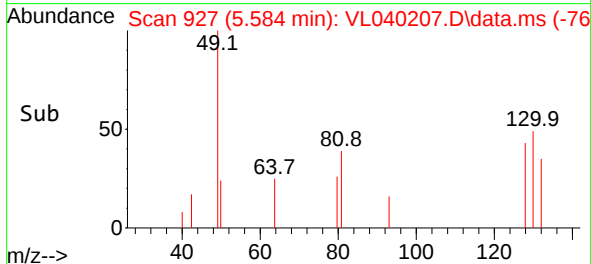
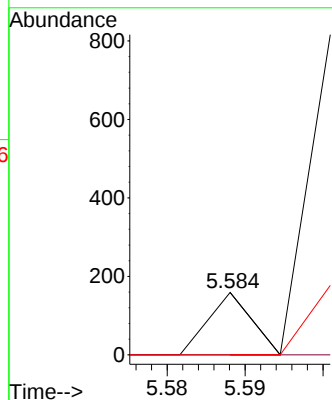
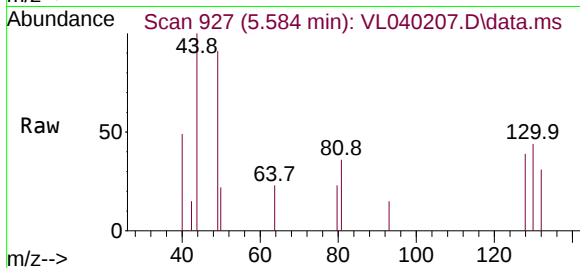




#41
Tetrahydrofuran
Concen: 0.001 ppbv
RT: 5.584 min Scan# 915
Delta R.T. 0.013 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

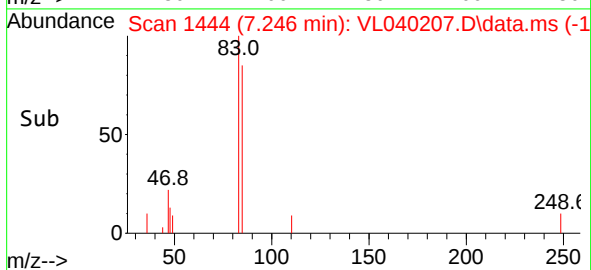
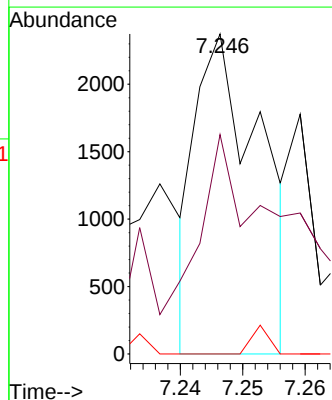
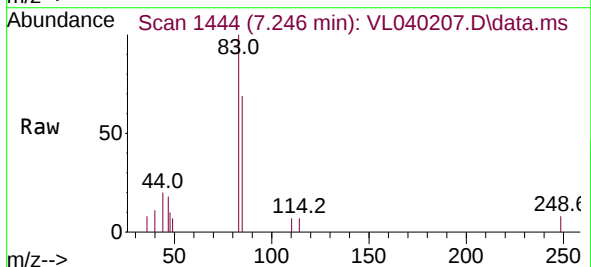
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

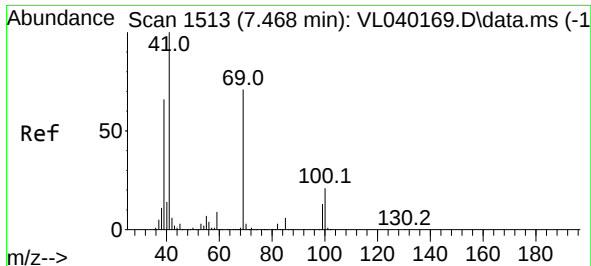
Tgt Ion: 42 Resp: 31
Ion Ratio Lower Upper
42 100
72 0.0 33.0 49.4#
71 0.0 31.4 47.2#



#42
Bromodichloromethane
Concen: 0.012 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.023 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 83 Resp: 1704
Ion Ratio Lower Upper
83 100
85 79.8 50.9 76.3#
127 0.0 6.2 9.2#

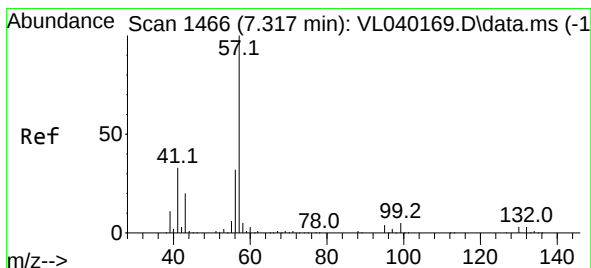
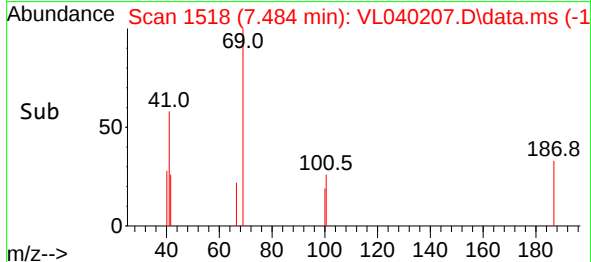
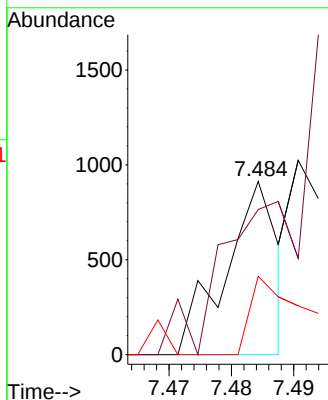
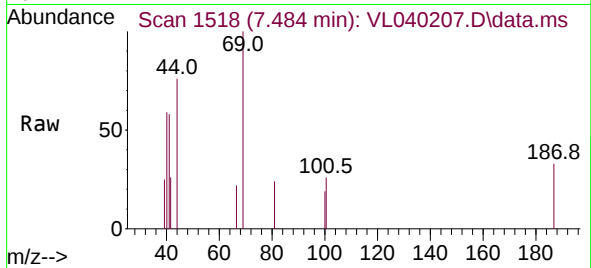




#43
Methyl Methacrylate
Concen: 0.009 ppbv
RT: 7.484 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

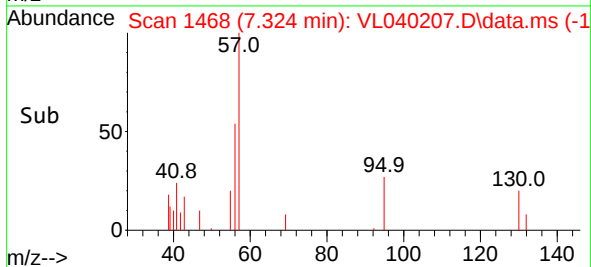
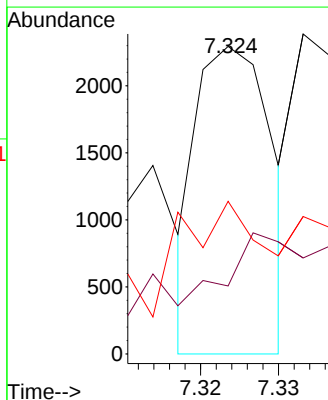
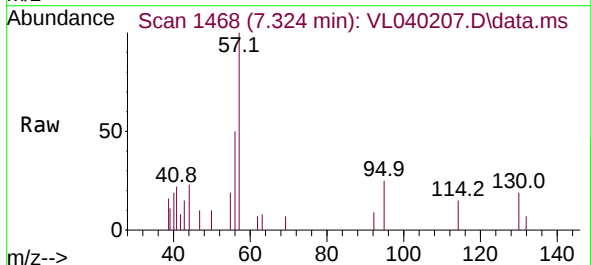
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

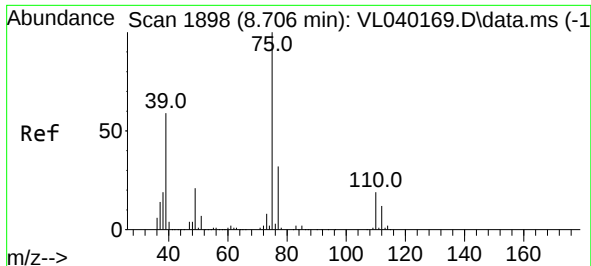
Tgt Ion: 69 Resp: 529
Ion Ratio Lower Upper
69 100
41 0.0 116.6 174.8#
100 62.6 25.6 38.4#



#44
2,2,4-Trimethylpentane
Concen: 0.006 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.023 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 57 Resp: 1540
Ion Ratio Lower Upper
57 100
41 0.0 26.2 39.4#
56 132.9 24.9 37.3#

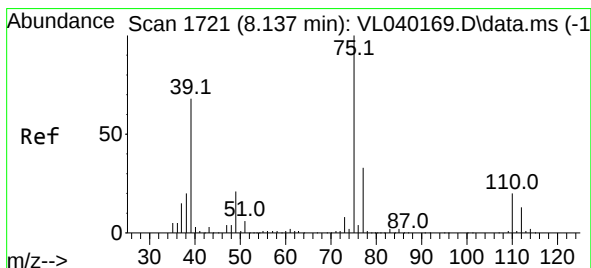
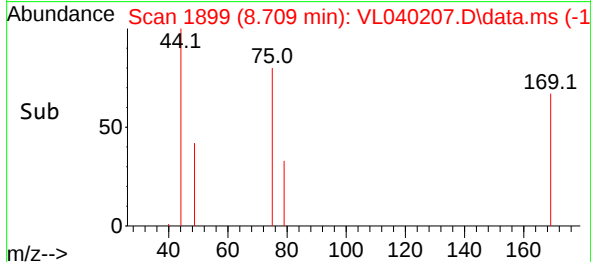
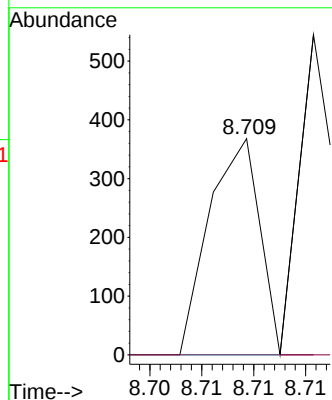
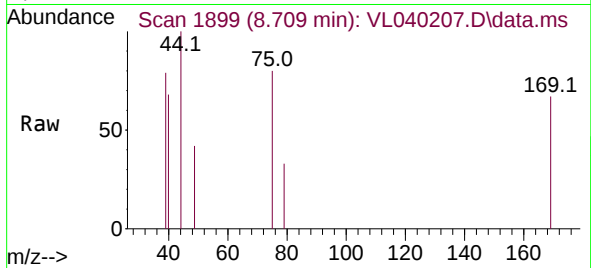




#45
 t-1,3-Dichloropropene
 Concen: 0.002 ppbv
 RT: 8.709 min Scan# 1899
 Delta R.T. -0.026 min
 Lab File: VL040207.D
 Acq: 21 Feb 2023 23:00

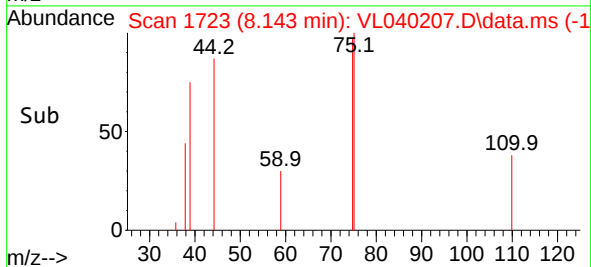
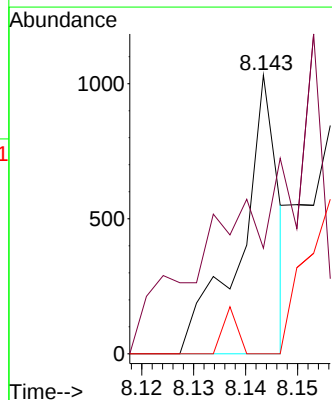
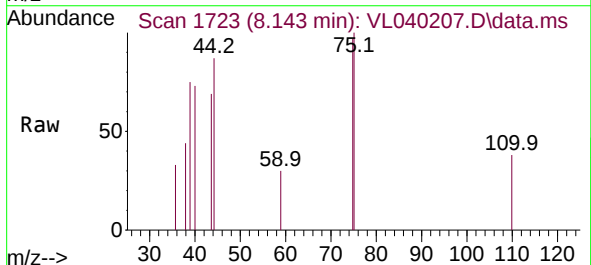
Instrument :
 MSVOA_1
 ClientSampleId :
 LOQ-AIR-02-QT1-2023

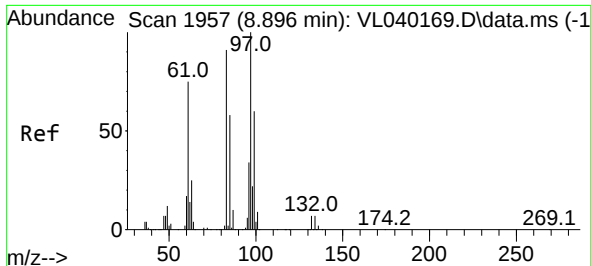
Tgt Ion: 75 Resp: 124
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#46
 cis-1,3-Dichloropropene
 Concen: 0.007 ppbv
 RT: 8.143 min Scan# 1723
 Delta R.T. -0.019 min
 Lab File: VL040207.D
 Acq: 21 Feb 2023 23:00

Tgt Ion: 75 Resp: 520
 Ion Ratio Lower Upper
 75 100
 39 12.4 54.2 81.2#
 77 0.0 26.0 39.0#





#47

1,1,2-Trichloroethane

Concen: 0.005 ppbv

RT: 8.896 min Scan# 1957

Delta R.T. -0.029 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2023

Tgt Ion: 97 Resp: 311

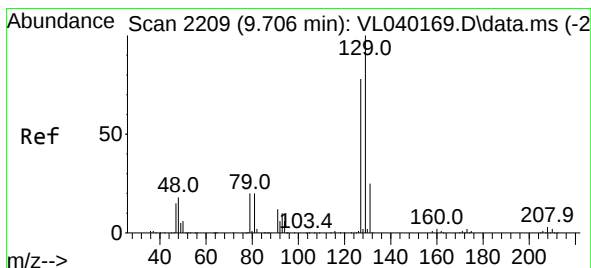
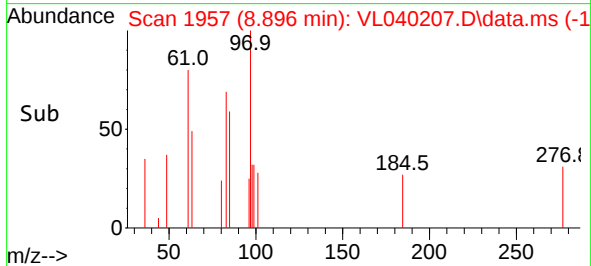
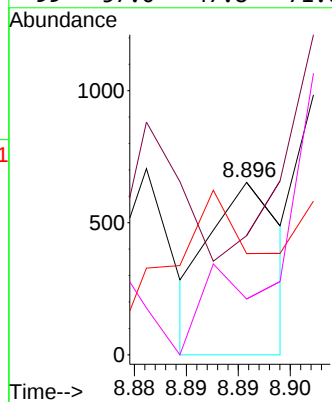
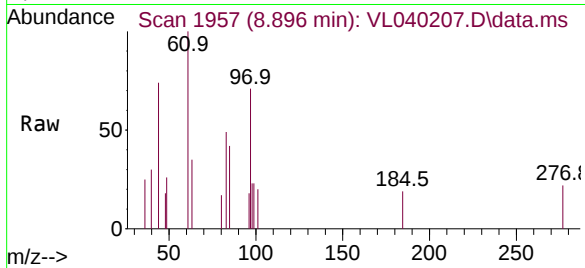
Ion Ratio Lower Upper

97 100

83 0.0 72.8 109.2#

85 12.2 46.6 69.8#

99 57.0 47.8 71.6



#48

Dibromochloromethane

Concen: 0.005 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.035 min

Lab File: VL040207.D

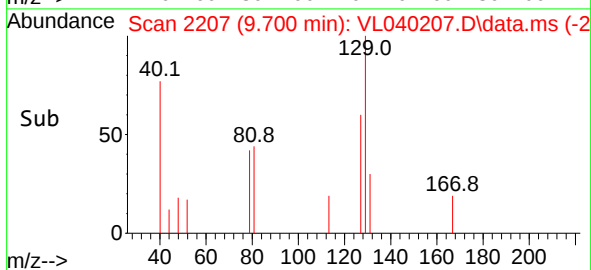
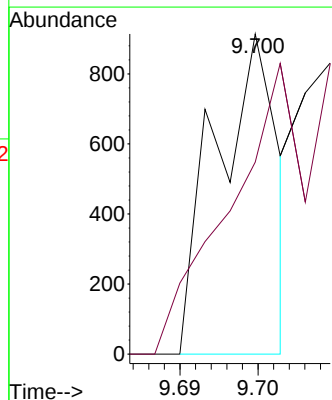
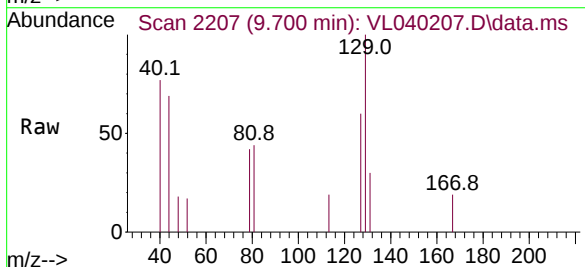
Acq: 21 Feb 2023 23:00

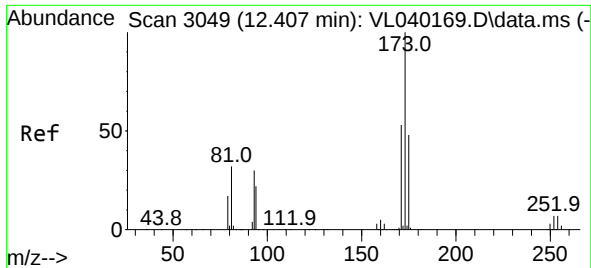
Tgt Ion: 129 Resp: 514

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#

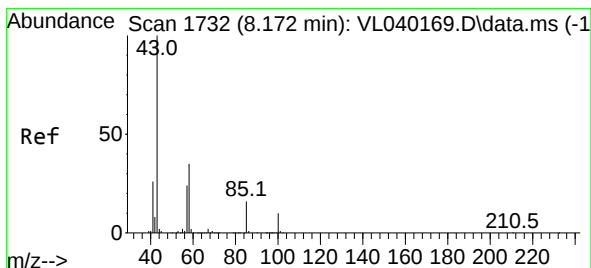
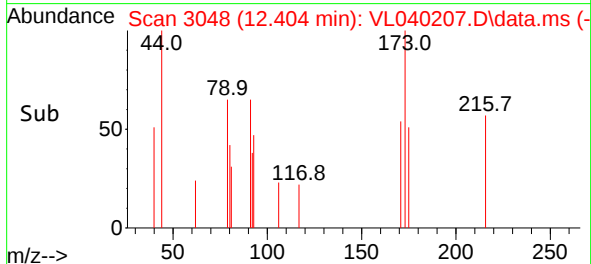
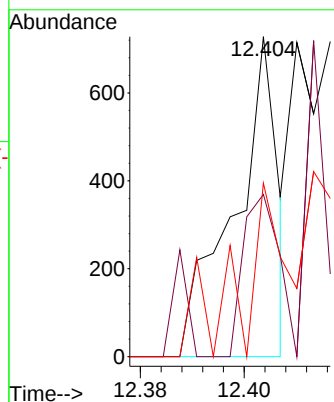
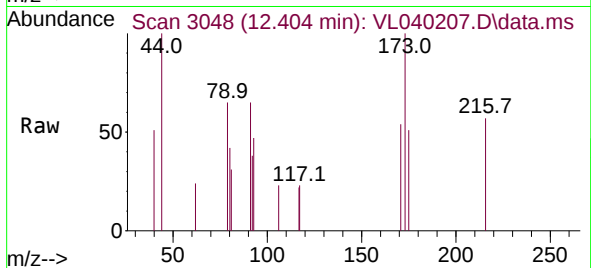




#49
Bromoform
Concen: 0.005 ppbv
RT: 12.404 min Scan# 3048
Delta R.T. -0.032 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

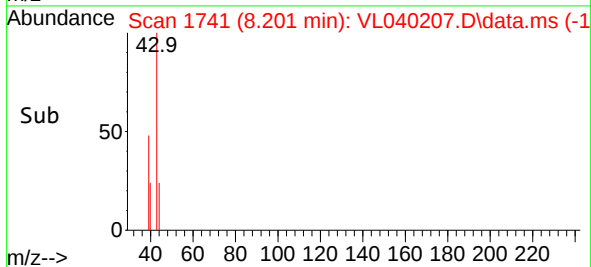
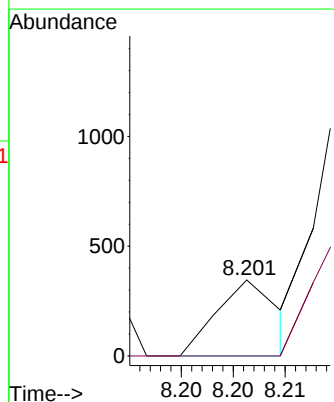
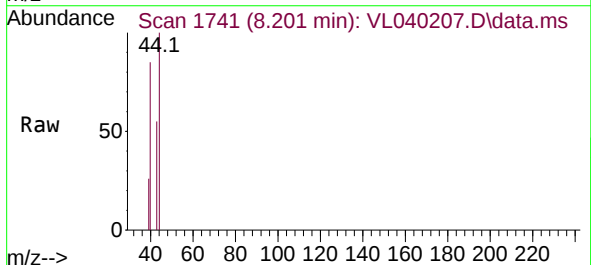
Instrument :
MSVOA_1
ClientSampleId :
LOQ-AIR-02-QT1-2023

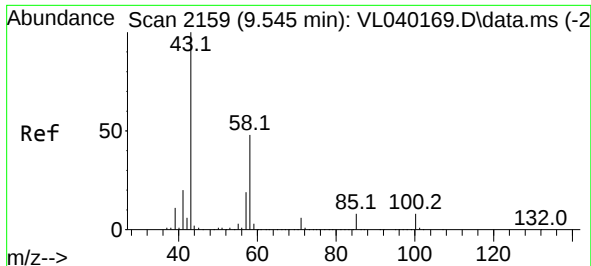
Tgt Ion:173 Resp: 424
Ion Ratio Lower Upper
173 100
175 0.0 39.4 59.0#
171 0.0 41.8 62.6#



#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 8.201 min Scan# 1741
Delta R.T. -0.000 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8#

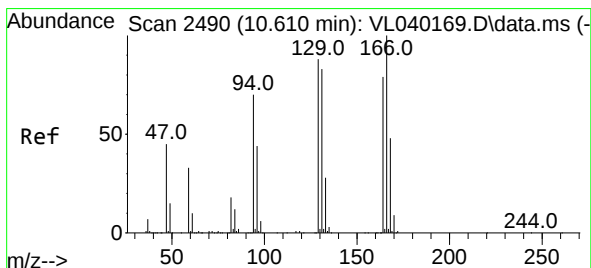
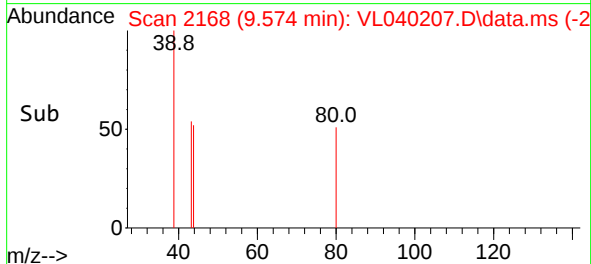
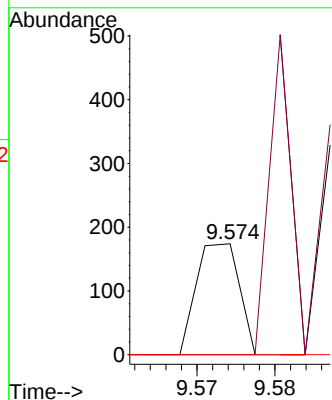
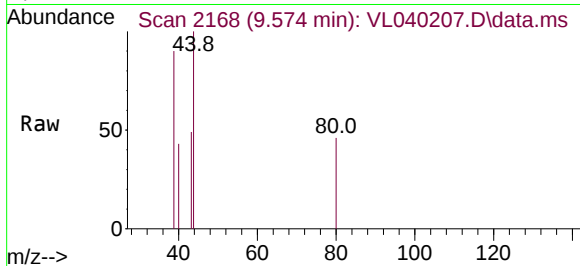




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.574 min Scan# 2159
Delta R.T. -0.000 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

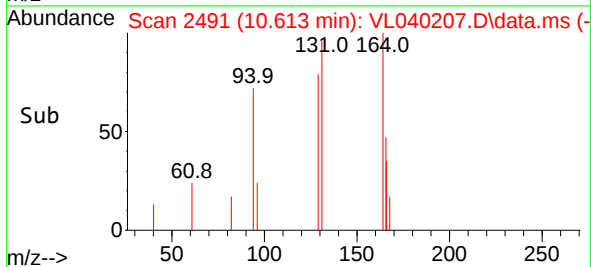
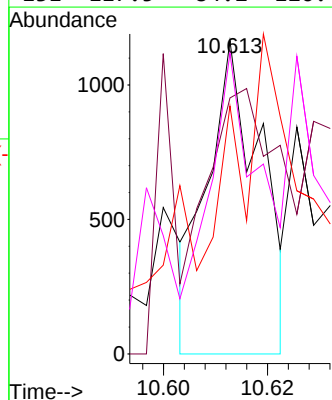
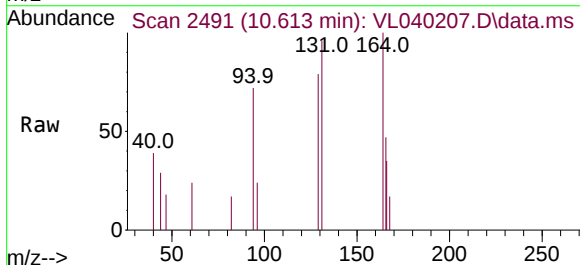
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

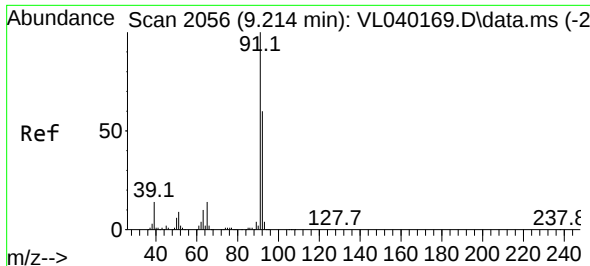
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 838.8 39.1 58.7#
98 0.0 0.2 0.4#



#52
Tetrachloroethene
Concen: 0.016 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.029 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 164 Resp: 828
Ion Ratio Lower Upper
164 100
166 89.1 101.5 152.3#
129 38.1 89.0 133.4#
131 117.5 84.2 126.4

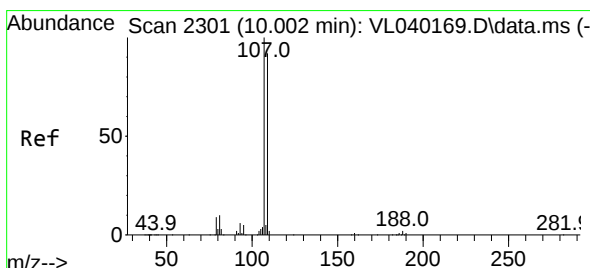
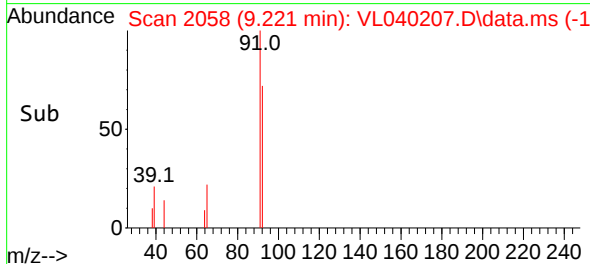
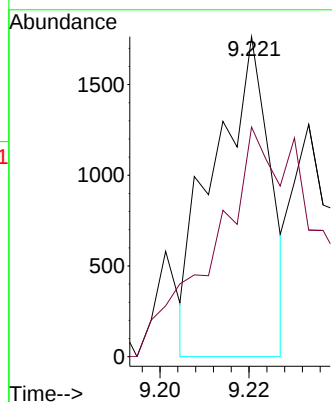
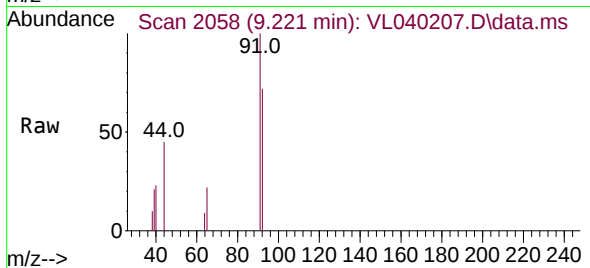




#53
Toluene
Concen: 0.009 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. -0.026 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

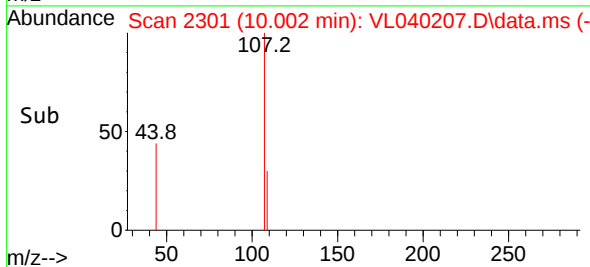
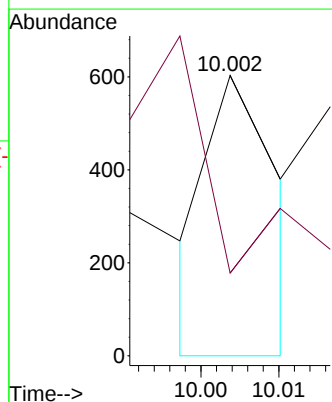
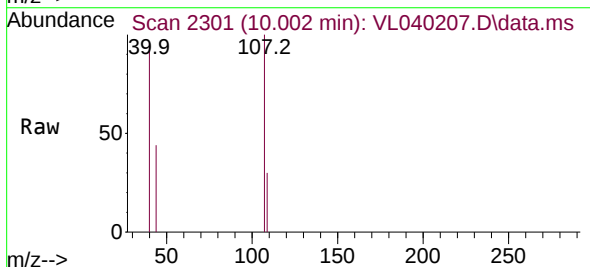
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

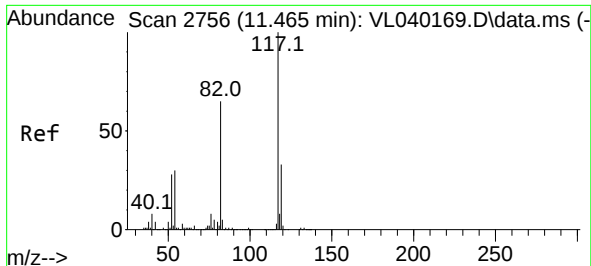
Tgt Ion: 91 Resp: 1545
Ion Ratio Lower Upper
91 100
92 152.2 48.9 73.3#



#54
1,2-Dibromoethane
Concen: 0.003 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.032 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 107 Resp: 190
Ion Ratio Lower Upper
107 100
109 0.0 73.8 110.8#

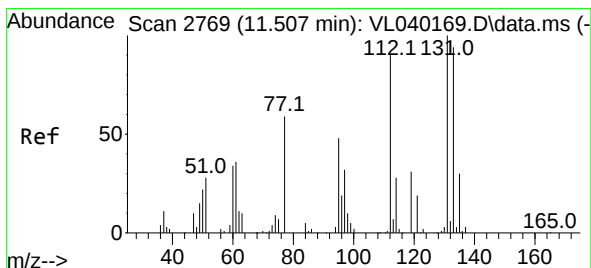
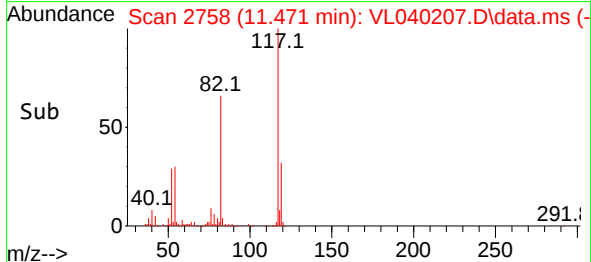
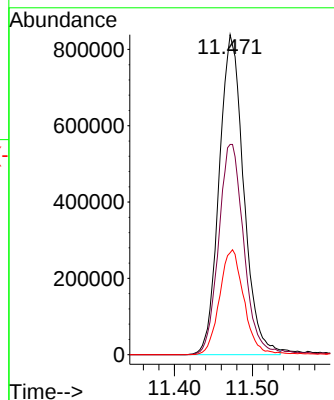
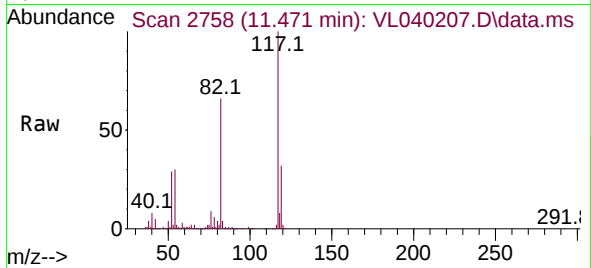




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

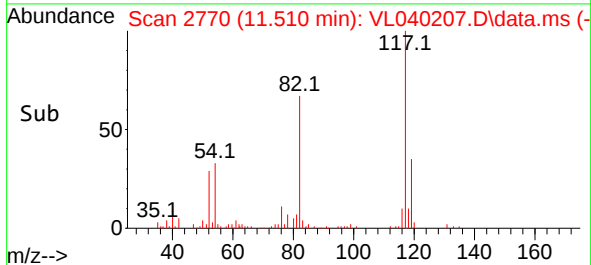
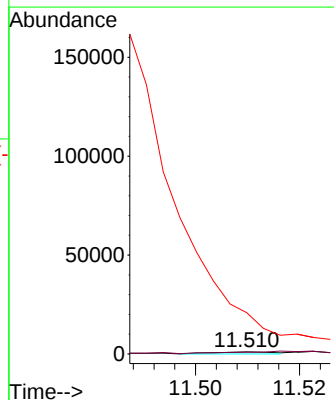
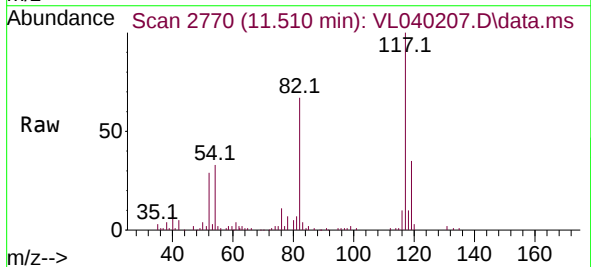
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

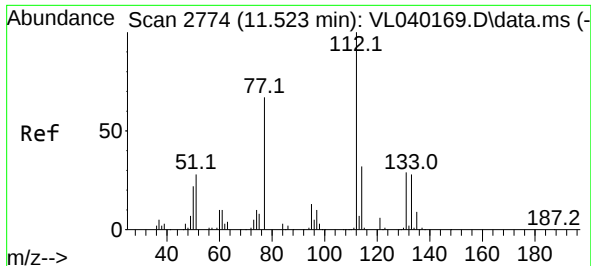
Tgt Ion:117 Resp: 1833384
Ion Ratio Lower Upper
117 100
82 68.5 53.3 79.9
119 33.0 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.011 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.029 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion:131 Resp: 866
Ion Ratio Lower Upper
131 100
133 279.4 76.2 114.2#
119 0.0 45.4 68.0#

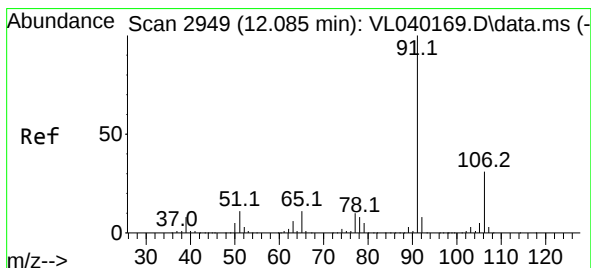
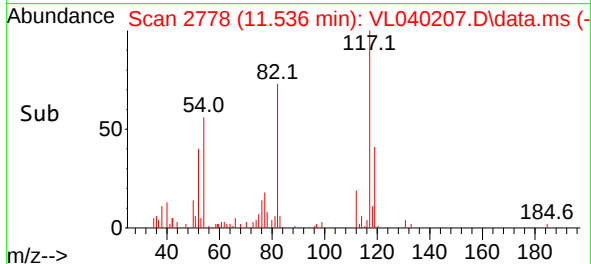
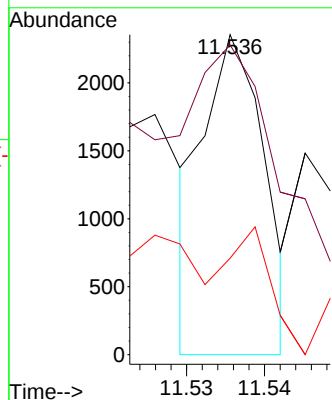
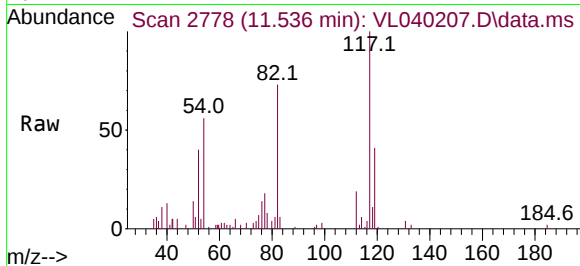




#57
Chlorobenzene
Concen: 0.010 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

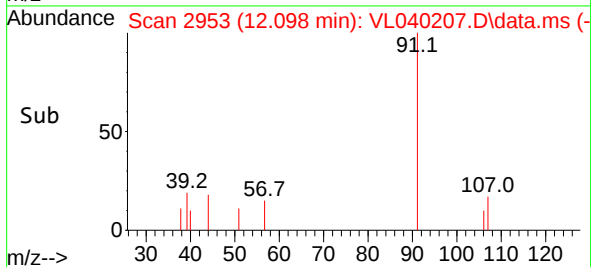
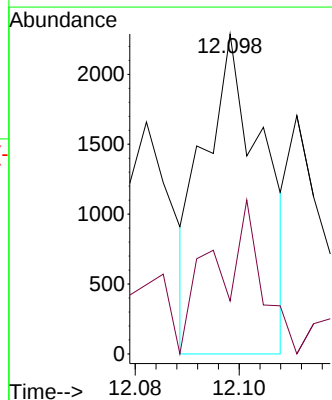
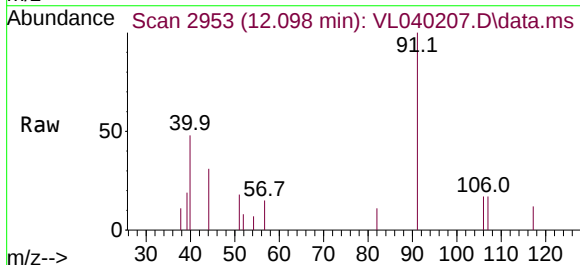
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

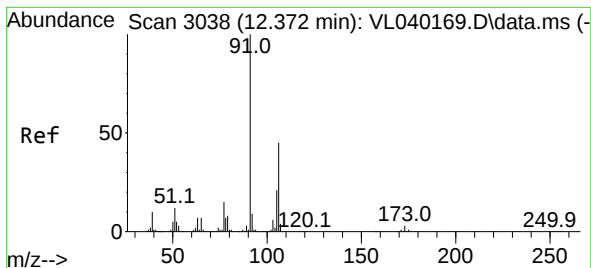
Tgt Ion:112 Resp: 1276
Ion Ratio Lower Upper
112 100
77 67.7 55.0 82.4
114 26.3 29.0 35.4#



#58
Ethyl Benzene
Concen: 0.008 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. -0.019 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 91 Resp: 1813
Ion Ratio Lower Upper
91 100
106 27.5 24.9 37.3

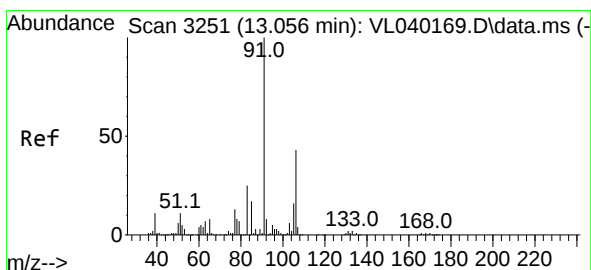
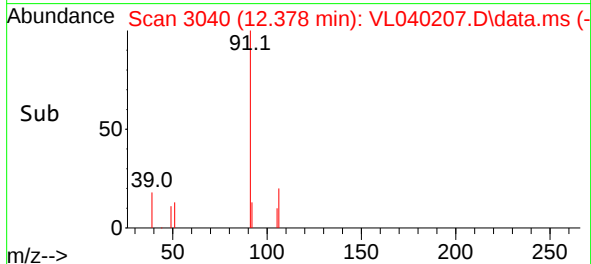
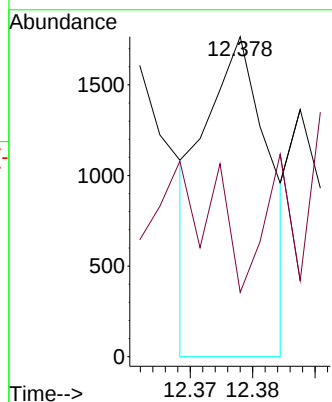
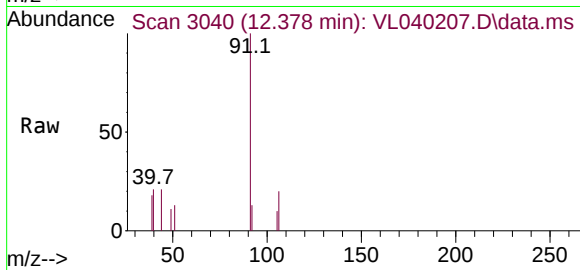




#59
m/p-Xylene
Concen: 0.007 ppbv
RT: 12.378 min Scan# 3040
Delta R.T. -0.019 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

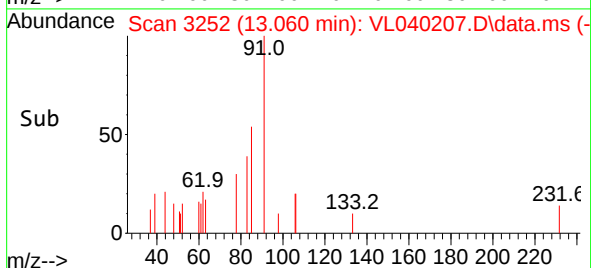
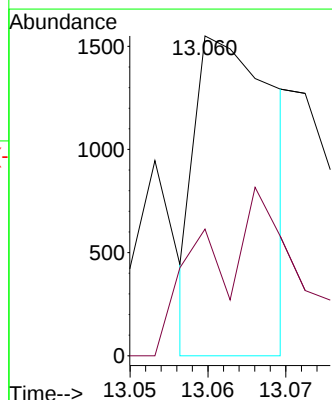
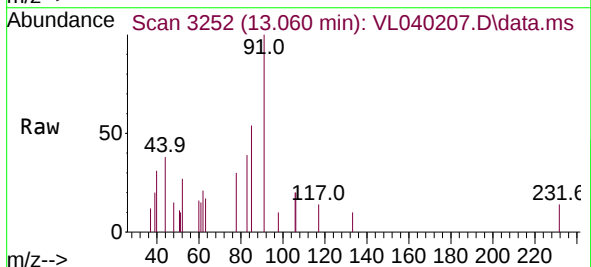
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

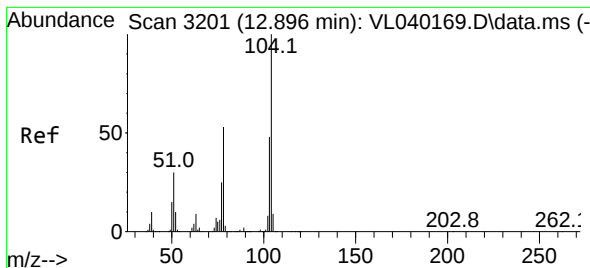
Tgt Ion: 91 Resp: 1286
Ion Ratio Lower Upper
91 100
106 0.0 34.6 51.8#



#60
o-Xylene
Concen: 0.006 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. -0.026 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 91 Resp: 1095
Ion Ratio Lower Upper
91 100
106 72.9 21.6 65.0#





#61

Styrene

Concen: 0.005 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.023 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

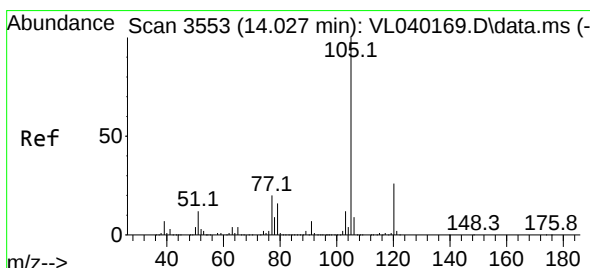
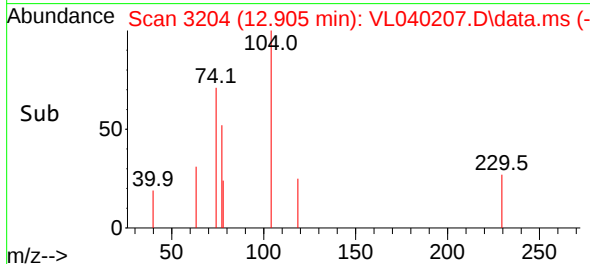
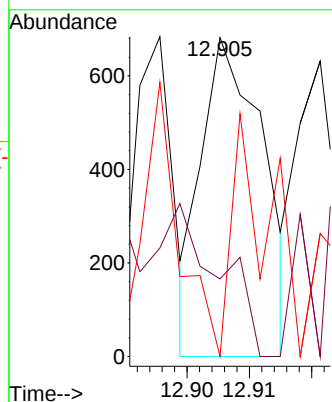
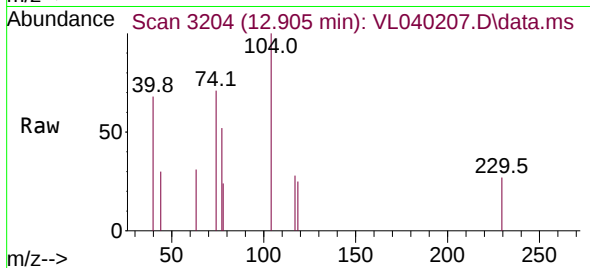
Instrument :

MSVOA_1

ClientSampleId :

LOQ-AIR-02-QT1-2023

Tgt Ion:104	Resp:	471
Ion Ratio	Lower	Upper
104	100	
78	0.0	42.3 63.5#
103	0.0	37.5 56.3#



#62

Isopropylbenzene

Concen: 0.012 ppbv

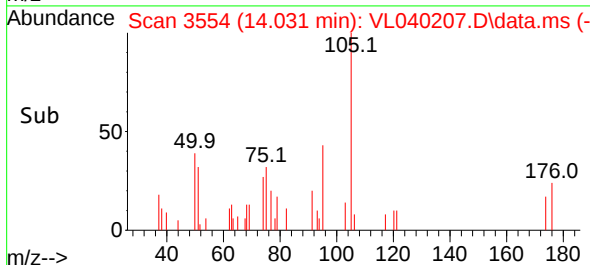
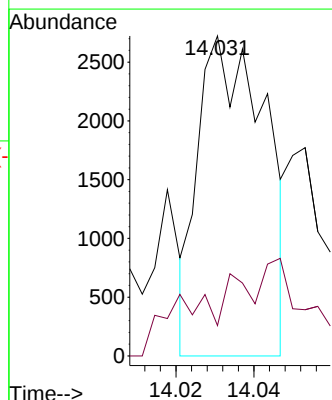
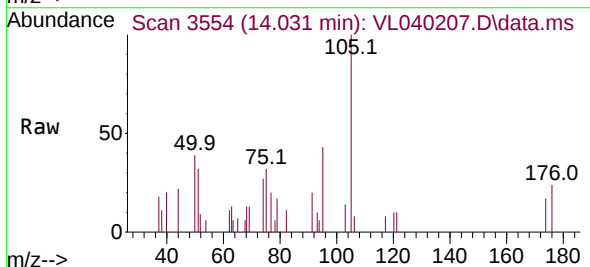
RT: 14.031 min Scan# 3554

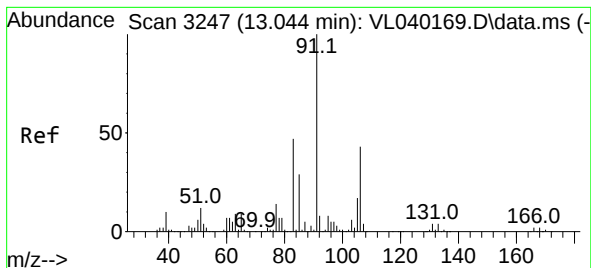
Delta R.T. -0.029 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Tgt Ion:105	Resp:	3244
Ion Ratio	Lower	Upper
105	100	
120	0.0	20.3 30.5#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.006 ppbv

RT: 13.053 min Scan# 31

Delta R.T. -0.023 min

Lab File: VL040207.D

Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2023

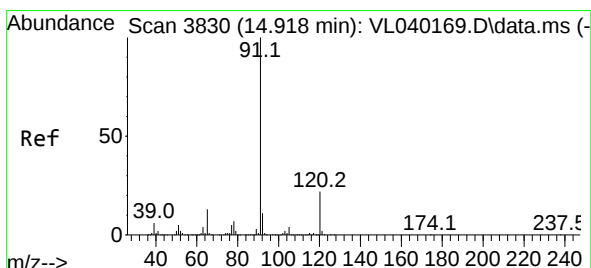
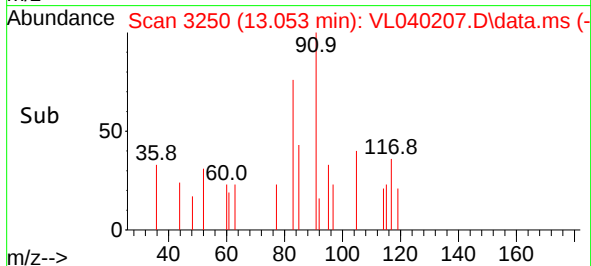
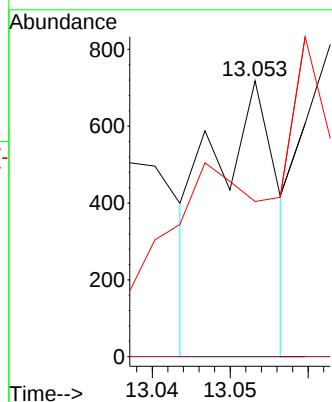
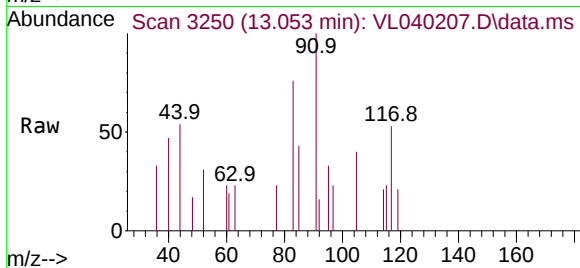
Tgt Ion: 83 Resp: 416

Ion Ratio Lower Upper

83 100

131 0.0 4.4 13.2#

85 0.0 33.0 99.0#



#64

n-propylbenzene

Concen: 0.003 ppbv

RT: 14.921 min Scan# 3831

Delta R.T. -0.029 min

Lab File: VL040207.D

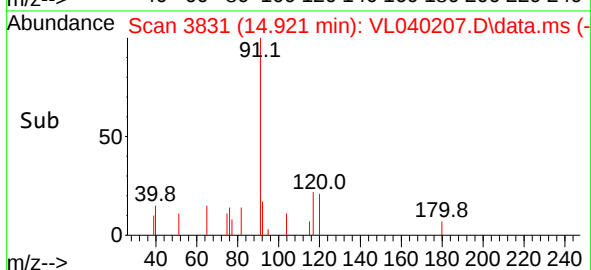
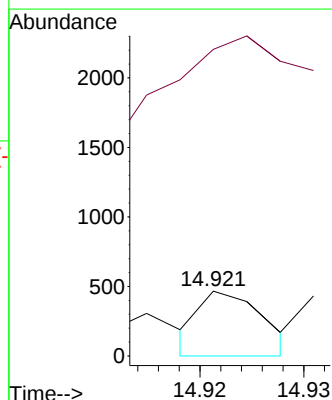
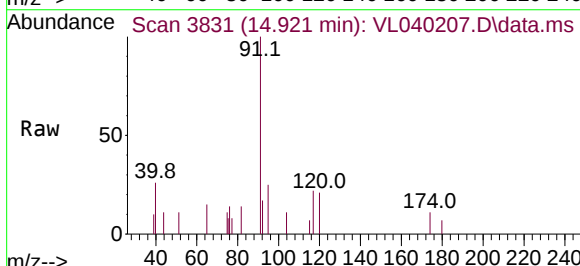
Acq: 21 Feb 2023 23:00

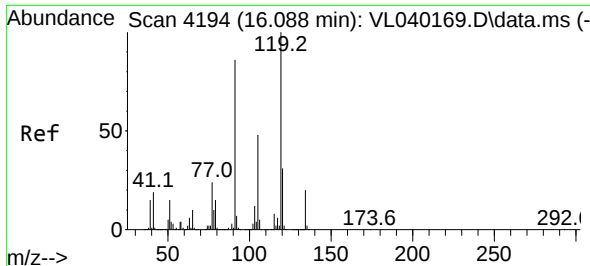
Tgt Ion:120 Resp: 198

Ion Ratio Lower Upper

120 100

91 3132.3 389.8 584.8#

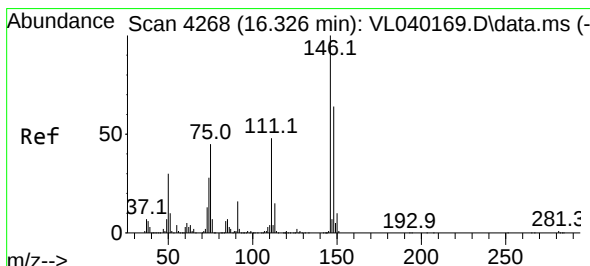
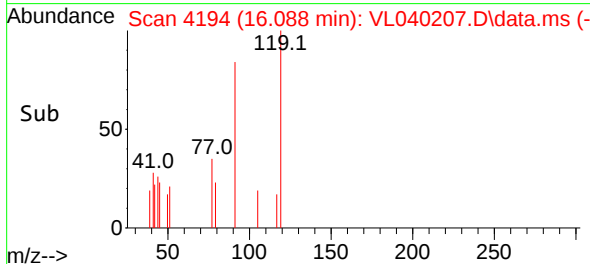
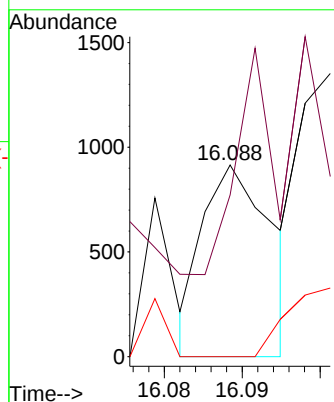
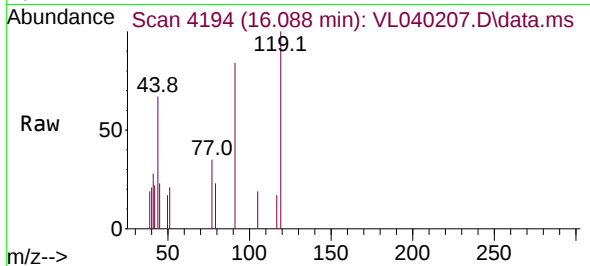




#65
tert-Butylbenzene
Concen: 0.002 ppbv
RT: 16.088 min Scan# 4194
Delta R.T. -0.032 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

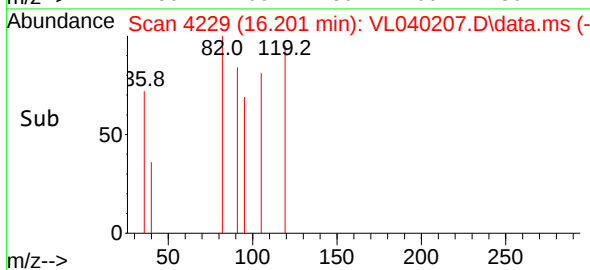
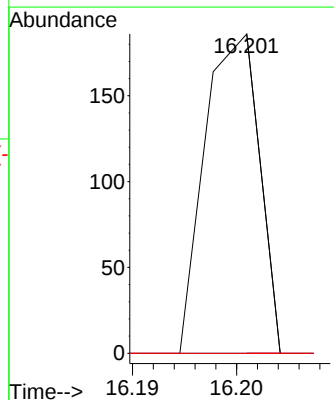
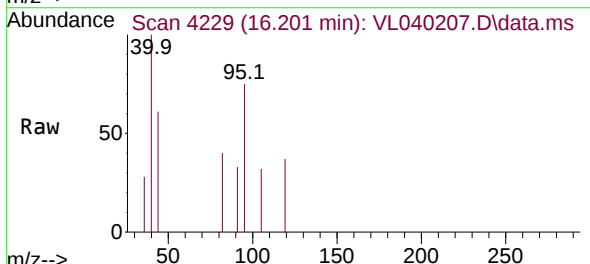
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

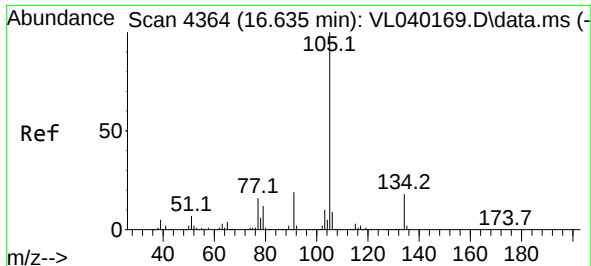
Tgt Ion:119 Resp: 564
Ion Ratio Lower Upper
119 100
91 0.0 68.6 102.8#
134 0.0 15.9 23.9#



#66
Benzyl Chloride
Concen: 0.004 ppbv
RT: 16.201 min Scan# 4229
Delta R.T. -0.158 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 91 Resp: 67
Ion Ratio Lower Upper
91 100
126 288.1 13.1 19.7#
128 0.0 4.1 6.1#

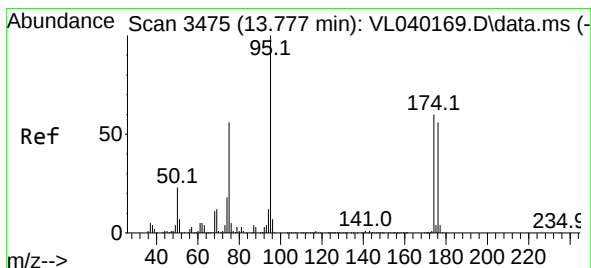
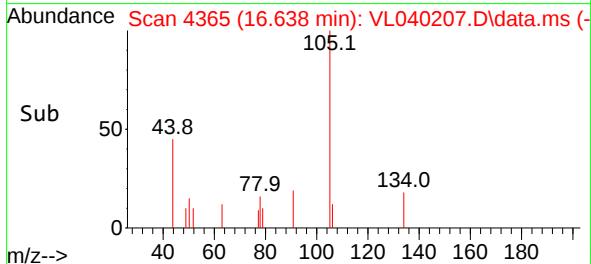
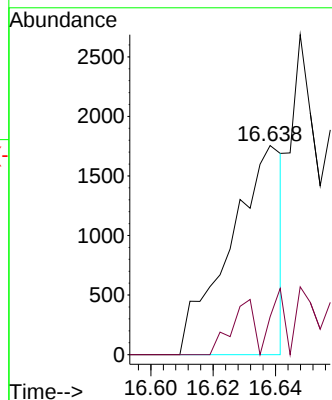
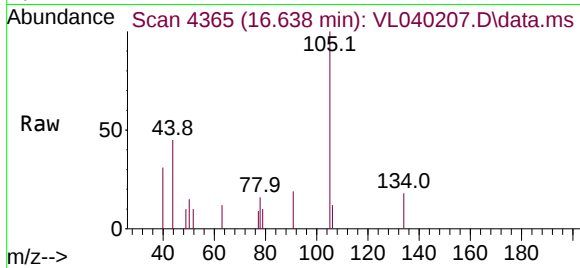




#67
 sec-Butylbenzene
 Concen: 0.006 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: VL040207.D
 Acq: 21 Feb 2023 23:00

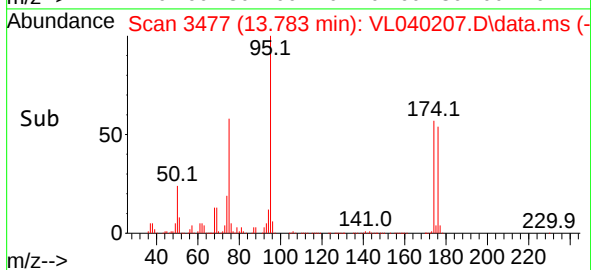
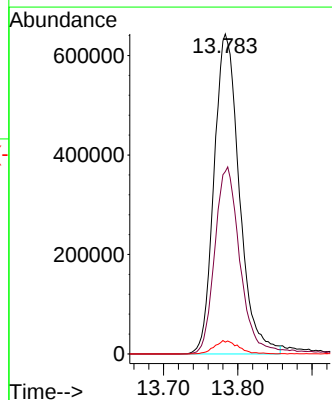
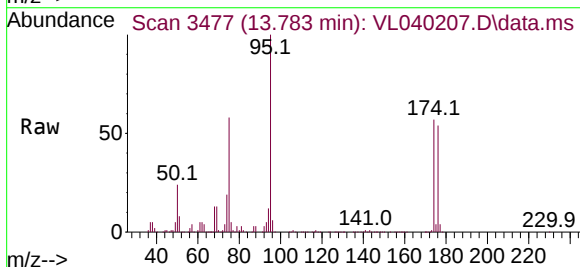
Instrument :
 MSVOA_1
 ClientSampleId :
 LOQ-AIR-02-QT1-2023

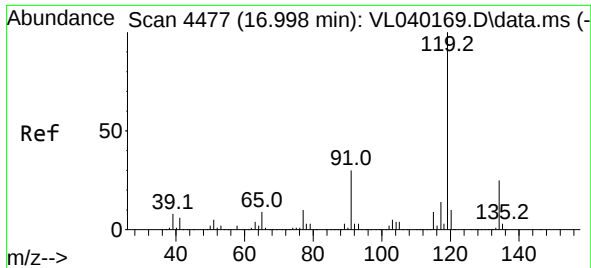
Tgt Ion:105 Resp: 2044
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.1 21.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.112 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.023 min
 Lab File: VL040207.D
 Acq: 21 Feb 2023 23:00

Tgt Ion: 95 Resp: 1524518
 Ion Ratio Lower Upper
 95 100
 174 59.7 48.2 72.2
 175 4.1 3.4 5.2

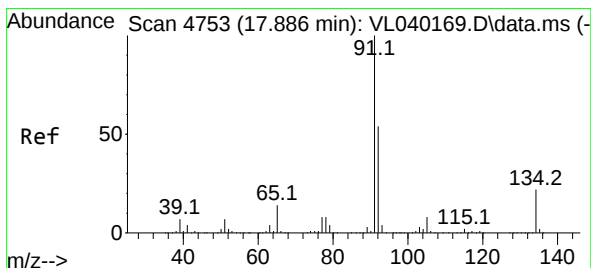
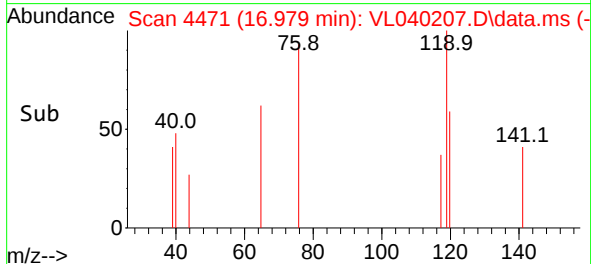
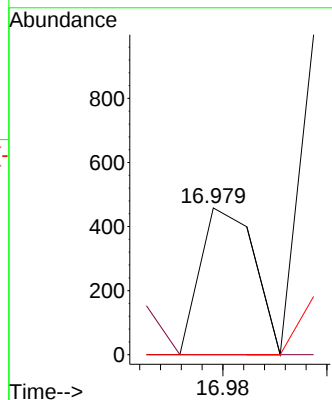
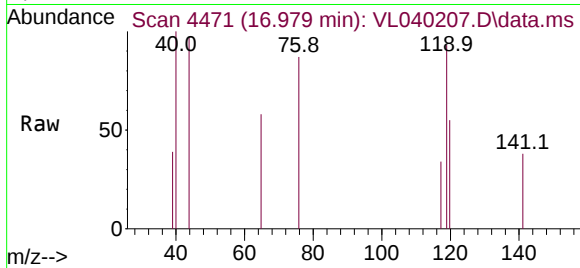




#69
p-Isopropyltoluene
Concen: 0.001 ppbv
RT: 16.979 min Scan# 4477
Delta R.T. -0.045 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

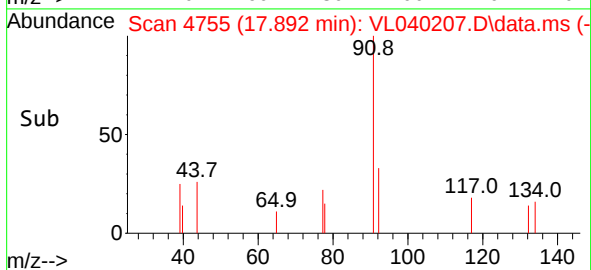
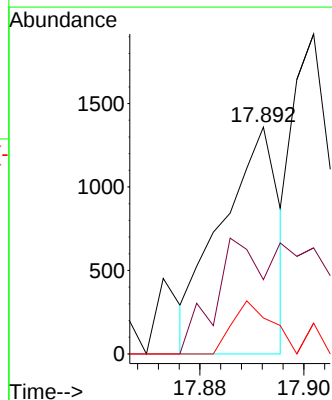
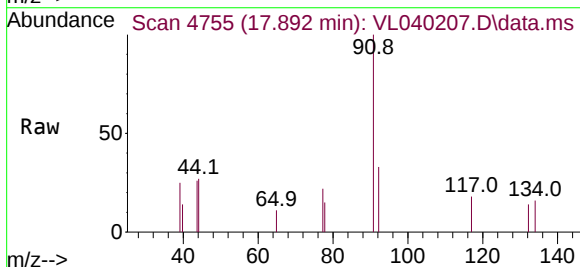
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

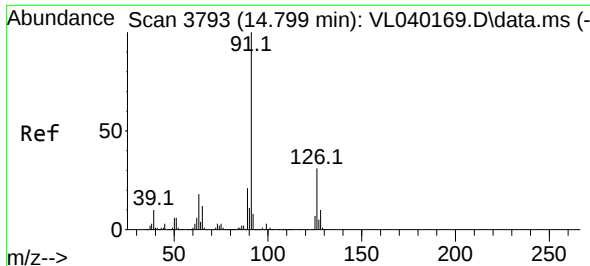
Tgt Ion:119 Resp: 165
Ion Ratio Lower Upper
119 100
134 41.8 20.2 30.2#
91 0.0 24.7 37.1#



#70
n-Butylbenzene
Concen: 0.004 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. -0.026 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 91 Resp: 1049
Ion Ratio Lower Upper
91 100
92 0.0 43.0 64.6#
134 19.4 16.9 25.3

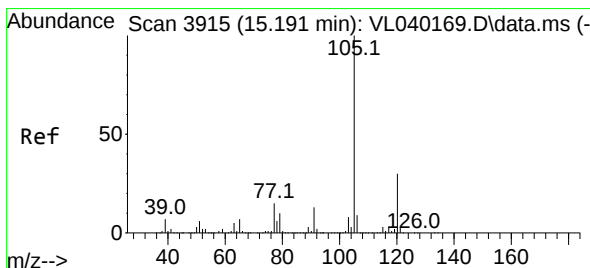
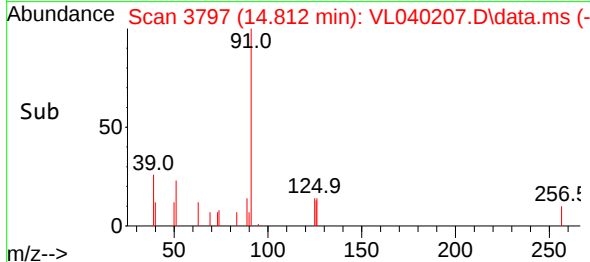
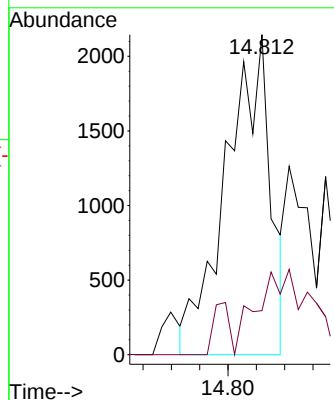
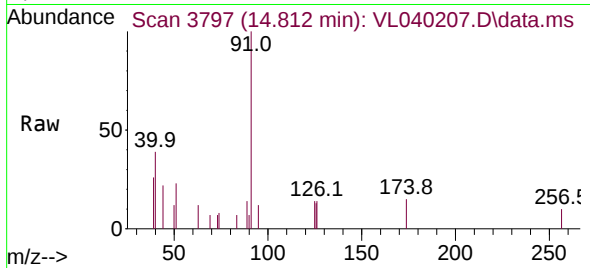




#71
2-Chlorotoluene
Concen: 0.011 ppbv
RT: 14.812 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

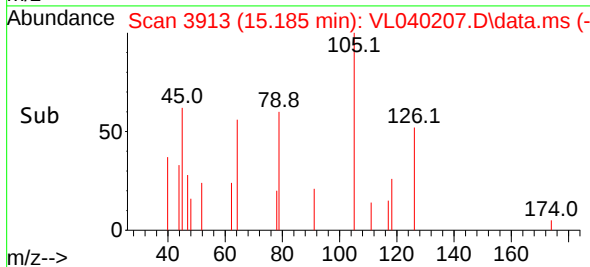
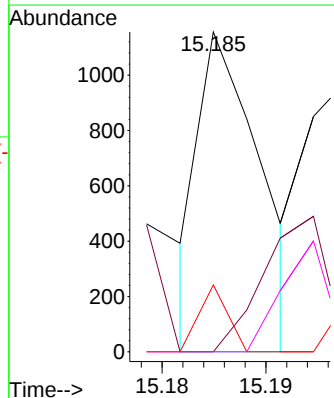
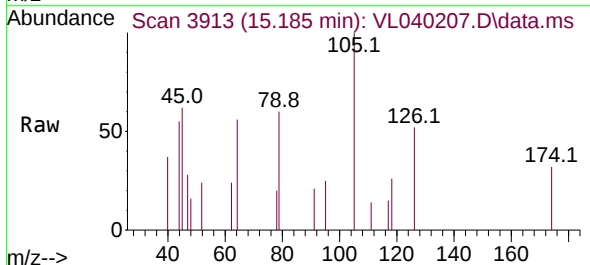
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

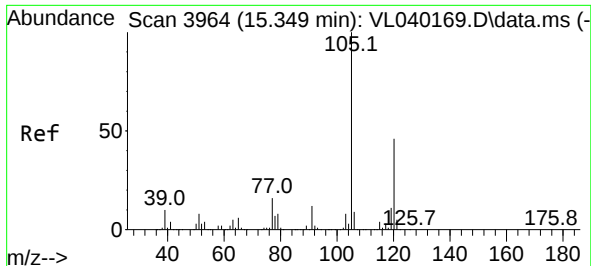
Tgt Ion: 91 Resp: 2308
Ion Ratio Lower Upper
91 100
126 0.0 12.0 48.2#



#72
4-Ethyltoluene
Concen: 0.002 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.035 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion: 105 Resp: 475
Ion Ratio Lower Upper
105 100
120 0.0 23.2 34.8#
91 0.0 11.3 16.9#
77 0.0 12.0 18.0#

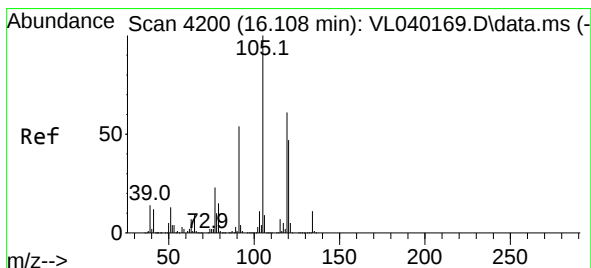
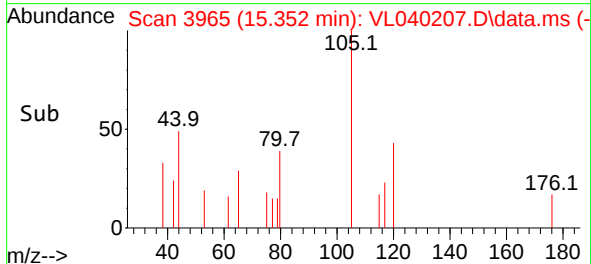
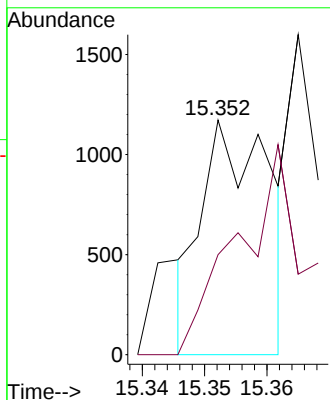
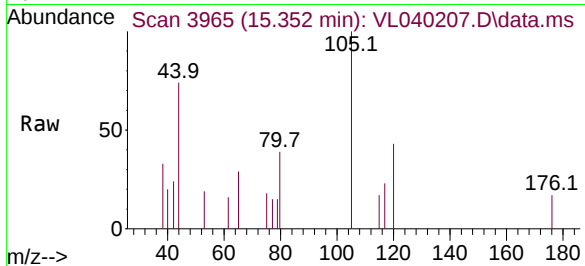




#73
1,3,5-Trimethylbenzene
Concen: 0.004 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. -0.029 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

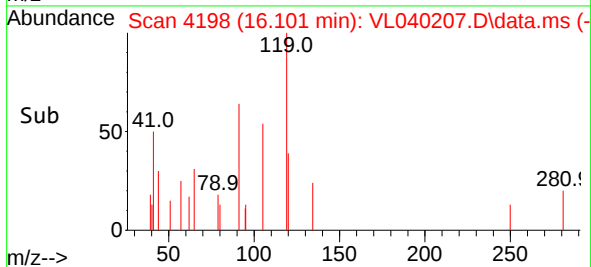
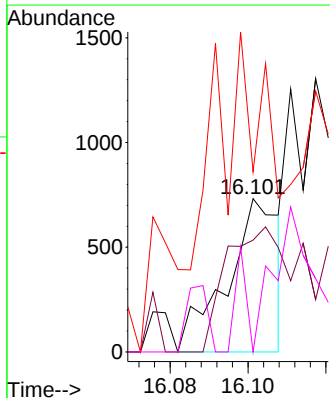
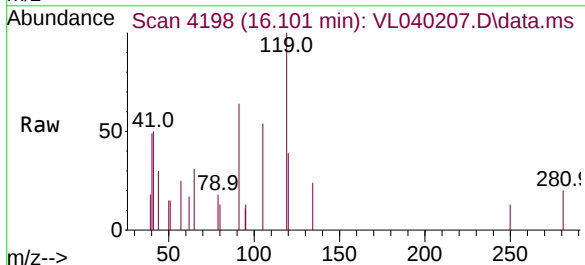
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

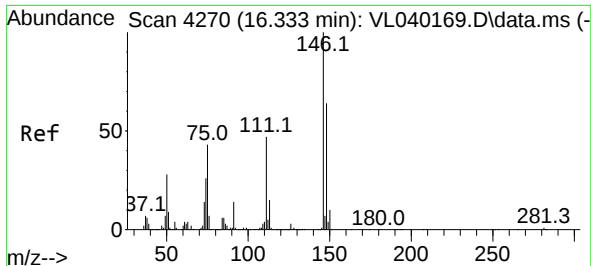
Tgt Ion:105 Resp: 876
Ion Ratio Lower Upper
105 100
120 71.6 36.8 55.2#



#74
1,2,4-Trimethylbenzene
Concen: 0.003 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.035 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion:105 Resp: 672
Ion Ratio Lower Upper
105 100
120 73.0 37.9 56.9#
91 63.8 43.7 65.5
77 0.0 18.3 27.5#

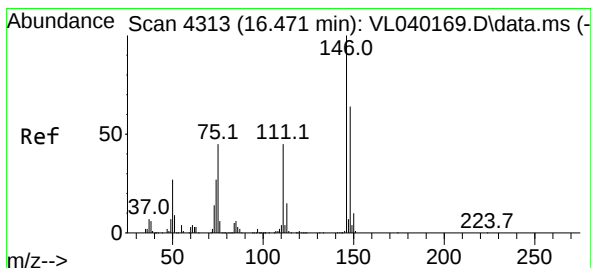
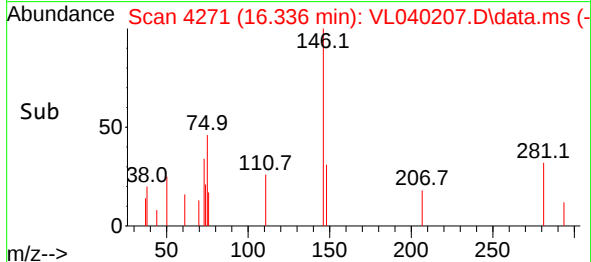
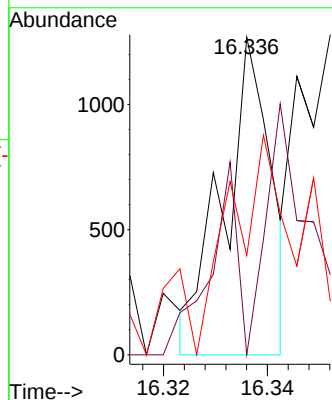
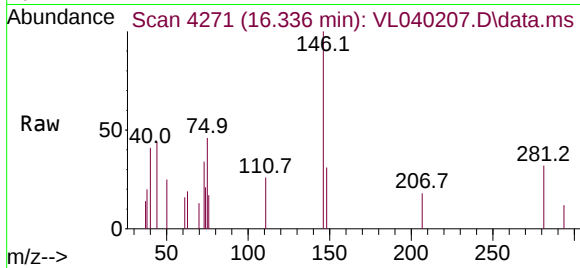




#75
1,3-Dichlorobenzene
Concen: 0.007 ppbv
RT: 16.336 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

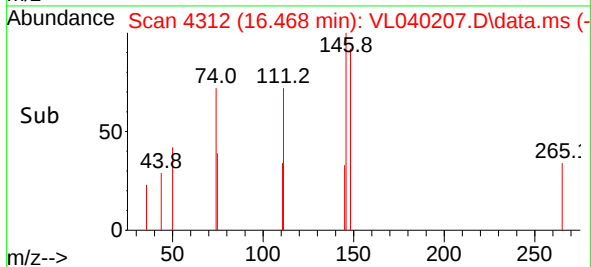
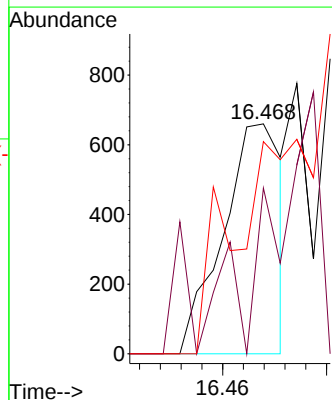
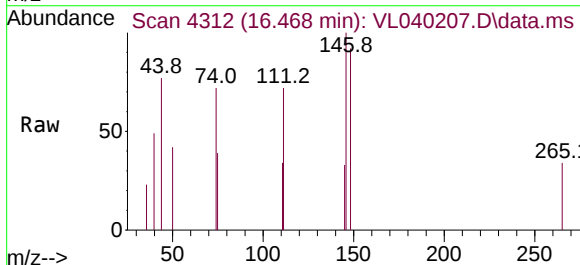
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

Tgt Ion:146 Resp: 801
Ion Ratio Lower Upper
146 100
111 209.5 23.9 71.8#
148 0.0 32.1 96.5#



#76
1,4-Dichlorobenzene
Concen: 0.005 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.035 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion:146 Resp: 521
Ion Ratio Lower Upper
146 100
111 0.0 23.5 70.5#
148 0.0 32.5 97.4#

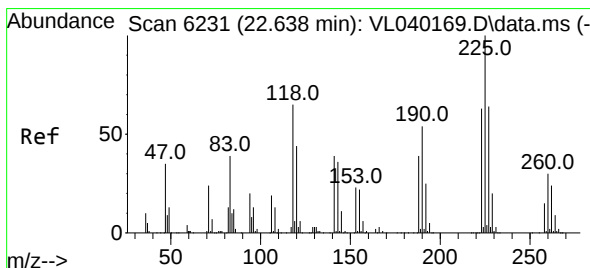
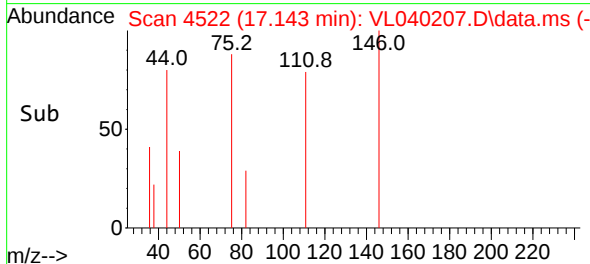
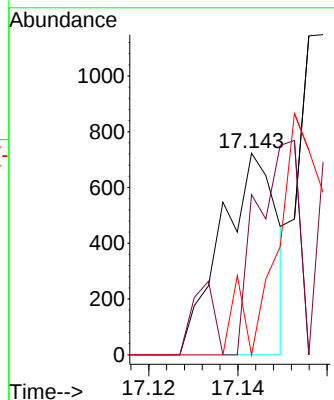
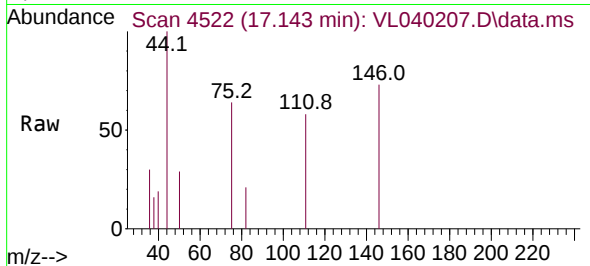




#77
1,2-Dichlorobenzene
Concen: 0.005 ppbv
RT: 17.143 min Scan# 41
Delta R.T. -0.035 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

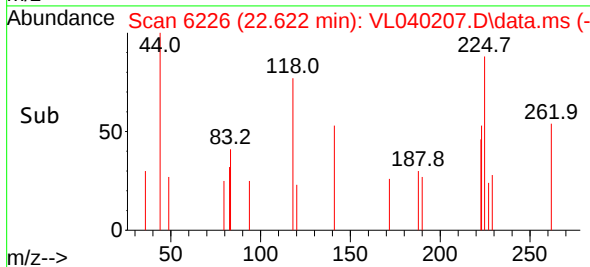
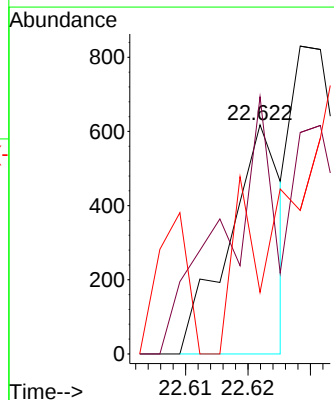
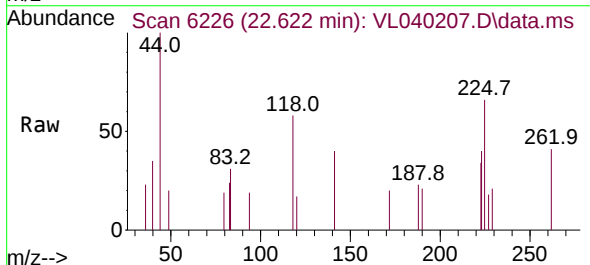
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2023

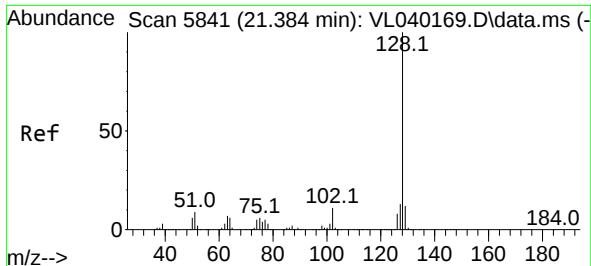
Tgt Ion:146 Resp: 624
Ion Ratio Lower Upper
146 100
111 0.0 25.3 75.8#
148 0.0 32.0 96.2#



#78
Hexachloro-1,3-Butadiene
Concen: 0.005 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. -0.045 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion:225 Resp: 364
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.2 76.8#

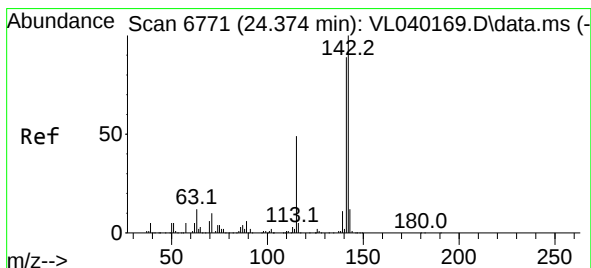
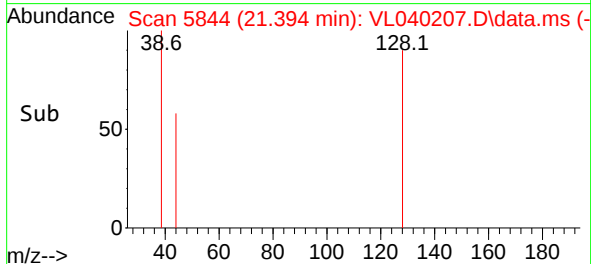
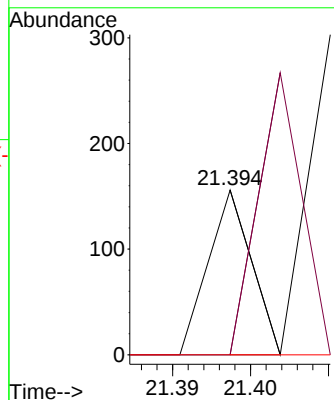
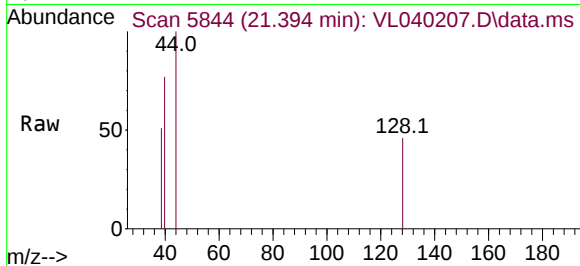




#79
Naphthalene
Concen: 0.000 ppbv
RT: 21.394 min Scan# 5841
Delta R.T. -0.026 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

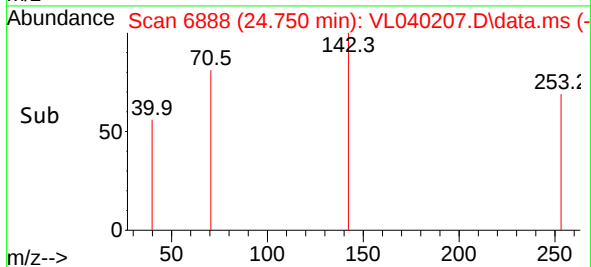
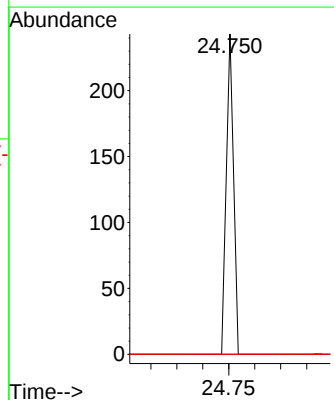
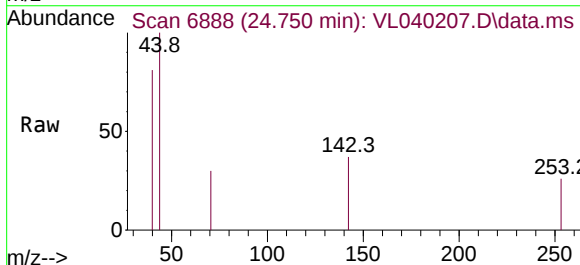
Instrument :
MSVOA_1
ClientSampleId :
LOQ-AIR-02-QT1-2023

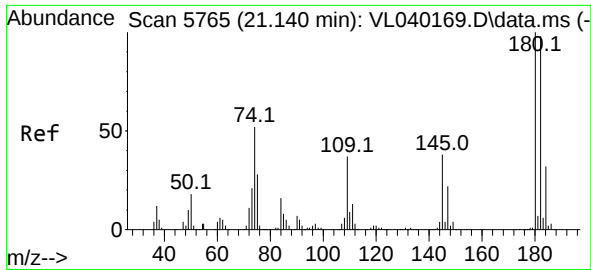
Tgt Ion:128 Resp: 30
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 9.4 14.0#



#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 24.750 min Scan# 6888
Delta R.T. 0.350 min
Lab File: VL040207.D
Acq: 21 Feb 2023 23:00

Tgt Ion:142 Resp: 47
Ion Ratio Lower Upper
142 100
141 0.0 67.3 100.9#
115 185.1 36.5 54.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.001 ppbv

RT: 21.133 min Scan# 51

Delta R.T. -0.042 min

Lab File: VL040207.D

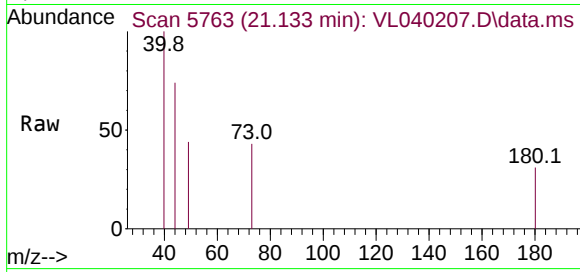
Acq: 21 Feb 2023 23:00

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2023



Tgt Ion:180 Resp: 62

Ion Ratio Lower Upper

180 100

182 0.0 79.0 118.6#

184 0.0 24.6 36.8#

