

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040327.D
 Acq On : 10 Apr 2023 16:24
 Operator : SY/MD
 Sample : 02213-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2023

Quant Time: Apr 11 02:07:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.163	49	911031	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.626	114	2292067	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	2086023	10.000	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1798447	10.295	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.700	85	96153	0.538	ppbv	98
3) Chlorodifluoromethane	2.645	51	66163	0.578	ppbv	99
4) Chloromethane	2.783	50	41636	0.589	ppbv	90
5) Vinyl Chloride	2.893	62	31875	0.556	ppbv	93
6) Bromomethane	3.092	94	9114	0.459	ppbv	81
7) Chloroethane	3.169	64	11894	0.541	ppbv	91
8) Dichlorotetrafluoroethane	2.828	85	87253	0.570	ppbv	97
9) Propene	2.668	41	22381	0.510	ppbv	100
10) Heptane	7.555	43	42826	0.406	ppbv	90
12) 1,1,2-Trichlorotrifluo...	4.041	101	63210	0.520	ppbv	93
13) Ethanol	3.227	45	1132	0.352	ppbv #	1
14) Bromoethene	3.340	108	14145	0.312	ppbv #	29
15) Acetone	3.452	43	78377	0.707	ppbv	96
16) 1,3-Butadiene	2.957	39	23473	0.466	ppbv	96
17) tert-Butyl alcohol	3.867	59	55718	0.529	ppbv	95
18) 1,1-Dichloroethene	3.854	96	27316	0.524	ppbv	85
19) Isopropyl Alcohol	3.565	45	29498	0.555	ppbv #	83
20) Methylene Chloride	3.909	84	27213	0.583	ppbv #	86
21) Allyl Chloride	3.970	41	37449	0.521	ppbv	96
22) trans-1,2-Dichloroethene	4.420	96	24671	0.465	ppbv	92
23) Vinyl Acetate	4.603	43	17565	0.569	ppbv #	80
24) 1,1-Dichloroethane	4.536	63	56833	0.516	ppbv	99
25) Ethyl Acetate	5.182	43	104314	0.502	ppbv	98
26) Hexane	5.182	57	19321	0.227	ppbv #	1
27) Carbon Disulfide	4.099	76	51308	0.431	ppbv	97
28) Methyl tert-Butyl Ether	4.568	73	47083	0.481	ppbv	93
29) Chloroform	5.250	83	83137	0.552	ppbv	96
30) Cyclohexane	6.568	84	9493	0.141	ppbv #	1
31) cis-1,2-Dichloroethene	5.053	61	20430	0.246	ppbv #	88
32) 1,1,1-Trichloroethane	5.970	97	33870	0.235	ppbv #	1
34) 2-Butanone	4.767	43	62878	0.556	ppbv	99
35) Carbon Tetrachloride	6.468	117	78648	0.547	ppbv	91
36) Benzene	6.343	78	81986	0.469	ppbv	96
37) 1,2-Dichloroethane	5.783	62	27474	0.242	ppbv #	84
38) Trichloroethene	7.262	130	44788	0.469	ppbv	94
39) 1,2-Dichloropropane	7.044	63	32597	0.476	ppbv	89
41) Tetrahydrofuran	5.558	42	16529	0.253	ppbv #	49
42) Bromodichloromethane	7.221	83	76775	0.494	ppbv	99
43) Methyl Methacrylate	7.455	69	16562	0.255	ppbv #	43
44) 2,2,4-Trimethylpentane	7.298	57	139458	0.479	ppbv	92
45) t-1,3-Dichloropropene	8.687	75	19640	0.347	ppbv	96
46) cis-1,3-Dichloropropene	8.118	75	29169	0.363	ppbv #	88
47) 1,1,2-Trichloroethane	8.857	97	6559	0.090	ppbv	88

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Instrument :
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 LOQ-AIR-02-QT2-2023

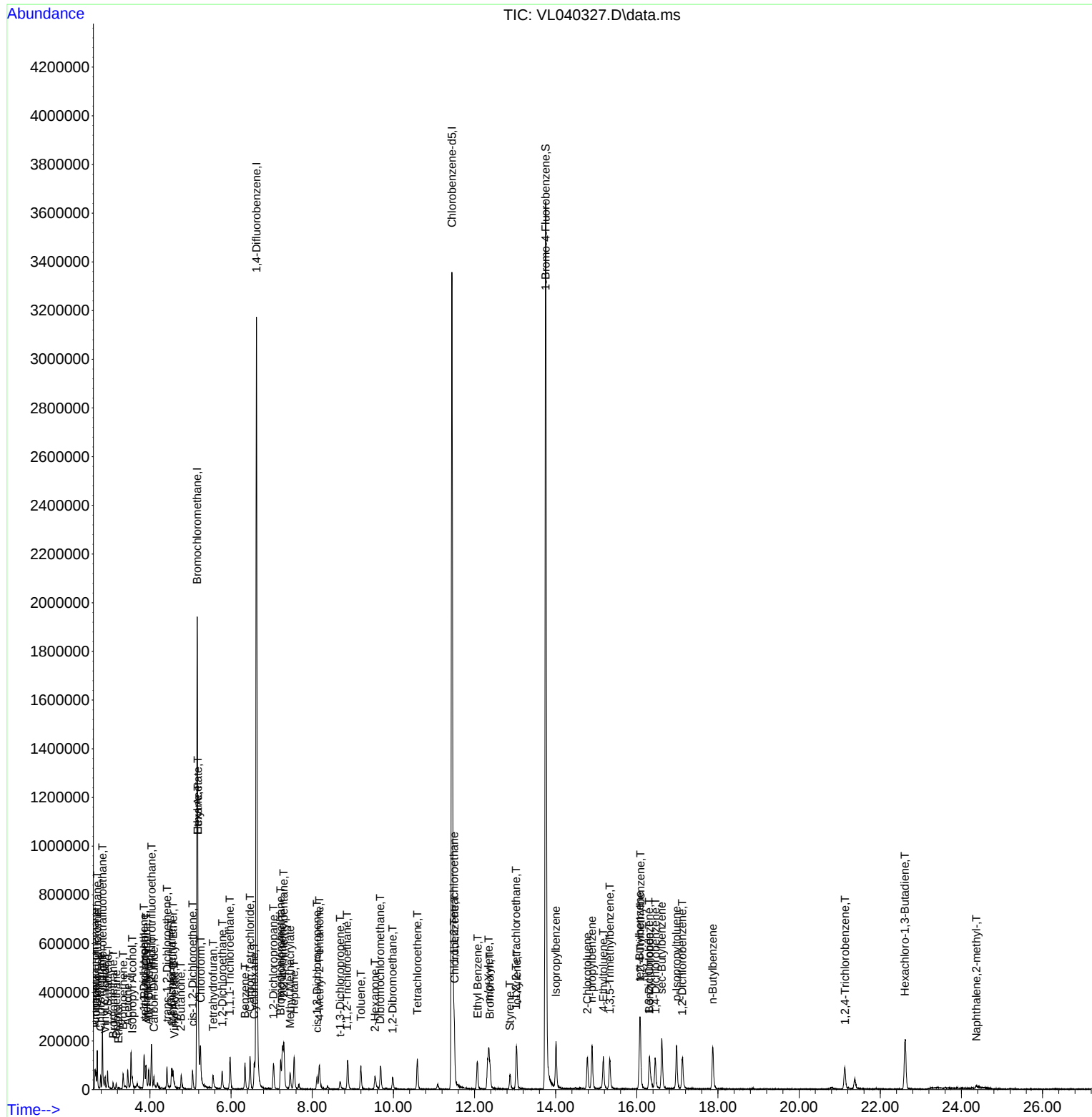
Quant Time: Apr 11 02:07:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

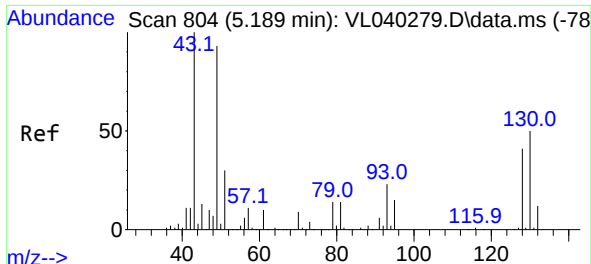
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Dibromochloromethane	9.677	129	19690	0.164	ppbv #	10
49) Bromoform	12.381	173	24089	0.267	ppbv #	55
50) 4-Methyl-2-Pentanone	8.179	43	74160	0.424	ppbv	98
51) 2-Hexanone	9.545	43	48129	0.355	ppbv #	94
52) Tetrachloroethene	10.590	164	26045	0.493	ppbv	88
53) Toluene	9.201	91	71301	0.390	ppbv	97
54) 1,2-Dibromoethane	9.979	107	16908	0.225	ppbv	90
56) 1,1,1,2-Tetrachloroethane	11.494	131	15166	0.173	ppbv #	1
57) Chlorobenzene	11.507	112	41293	0.278	ppbv	88
58) Ethyl Benzene	12.076	91	32009	0.135	ppbv	94
59) m/p-Xylene	12.346	91	117384	0.539	ppbv #	33
60) o-Xylene	13.040	91	87870	0.422	ppbv	97
61) Styrene	12.870	104	13342	0.126	ppbv #	8
62) Isopropylbenzene	14.008	105	136496	0.461	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.024	83	43117	0.589	ppbv	96
64) n-propylbenzene	14.892	120	11778	0.162	ppbv #	1
65) tert-Butylbenzene	16.069	119	58385	0.229	ppbv #	15
66) Benzyl Chloride	16.307	91	3181	0.192	ppbv #	80
67) sec-Butylbenzene	16.616	105	174058	0.477	ppbv	96
69) p-Isopropyltoluene	16.979	119	71991	0.253	ppbv #	54
70) n-Butylbenzene	17.870	91	135648	0.433	ppbv	99
71) 2-Chlorotoluene	14.783	91	96149	0.426	ppbv	100
72) 4-Ethyltoluene	15.172	105	93700	0.412	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.333	105	94636	0.459	ppbv	89
74) 1,2,4-Trimethylbenzene	16.088	105	108944	0.464	ppbv	91
75) 1,3-Dichlorobenzene	16.304	146	25256	0.198	ppbv #	1
76) 1,4-Dichlorobenzene	16.458	146	55961	0.461	ppbv	90
77) 1,2-Dichlorobenzene	17.117	146	23685	0.194	ppbv #	22
78) Hexachloro-1,3-Butadiene	22.609	225	28550	0.318	ppbv #	31
80) Naphthalene,2-methyl-	24.371	142	7847	0.223	ppbv	94
81) 1,2,4-Trichlorobenzene	21.133	180	34144	0.399	ppbv	95

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

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

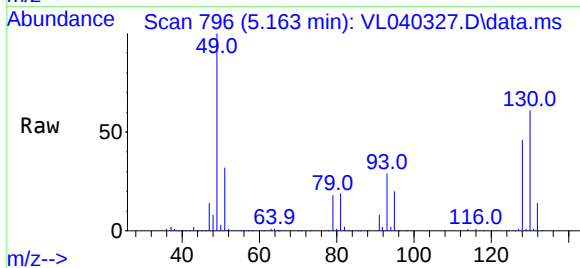
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
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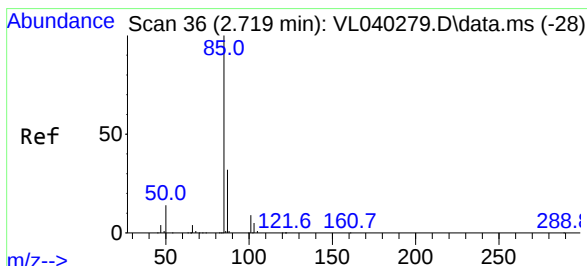
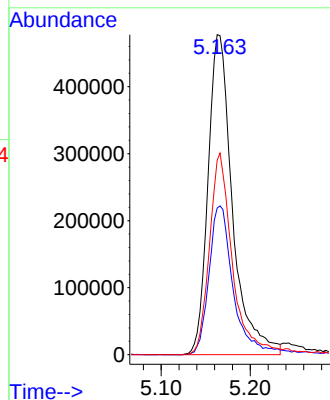
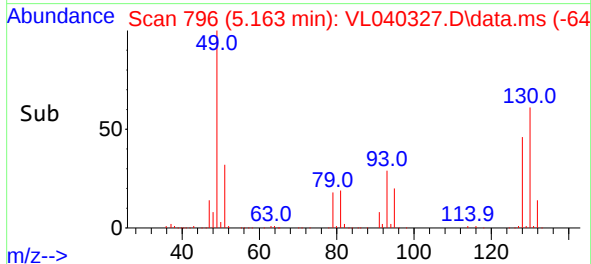


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.163 min Scan# 79
 Delta R.T. -0.026 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

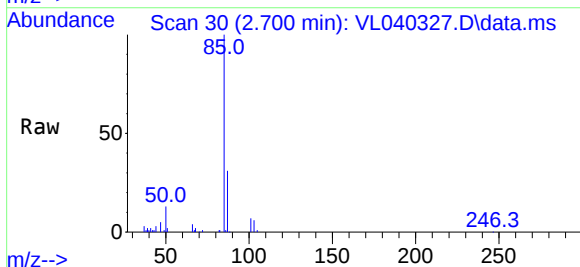
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 ClientSampleId :
 LOQ-AIR-02-QT2-2023



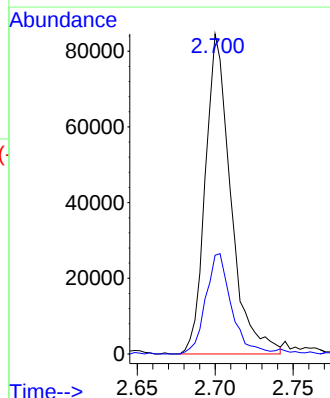
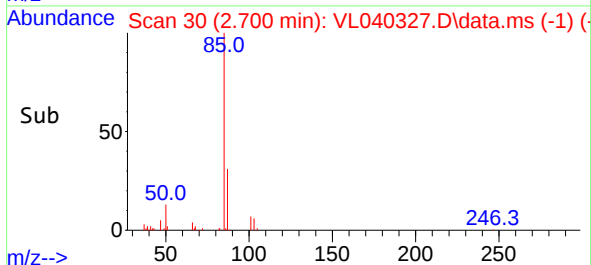
Tgt Ion: 49 Resp: 911031
 Ion Ratio Lower Upper
 49 100
 128 47.9 22.4 67.3
 130 61.2 28.7 86.1

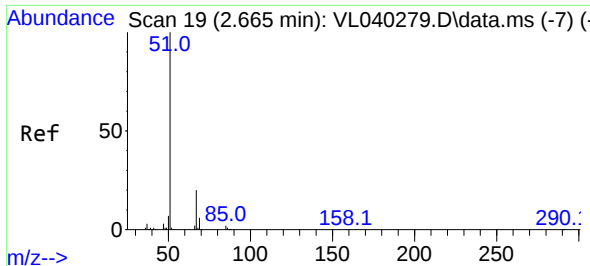


#2
 Dichlorodifluoromethane
 Concen: 0.538 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. -0.019 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24



Tgt Ion: 85 Resp: 96153
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.5 38.3

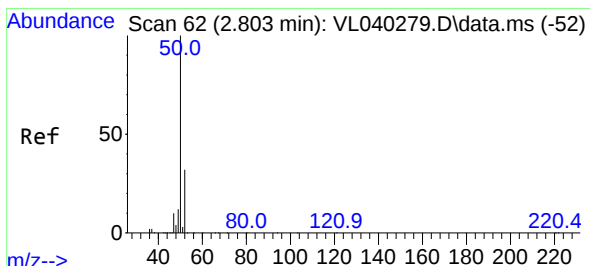
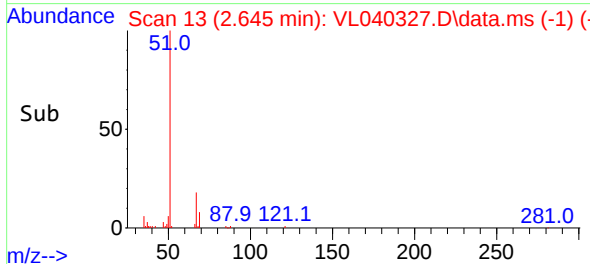
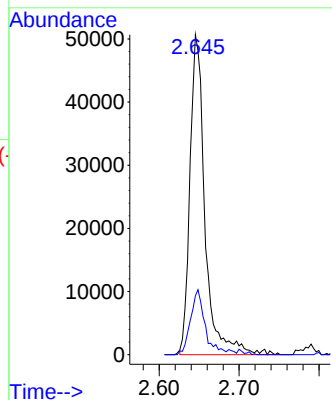
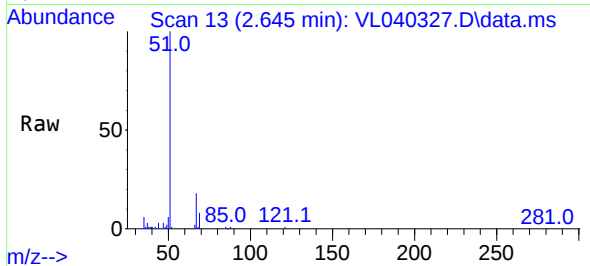




#3
Chlorodifluoromethane
Concen: 0.578 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

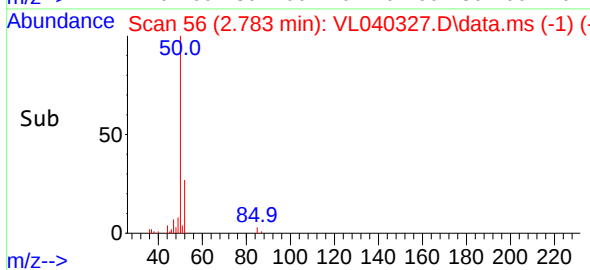
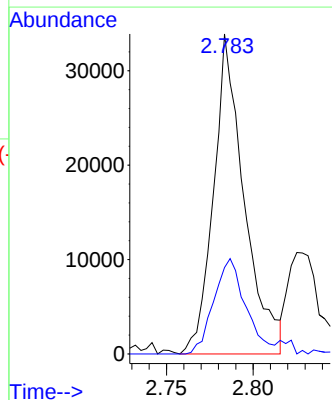
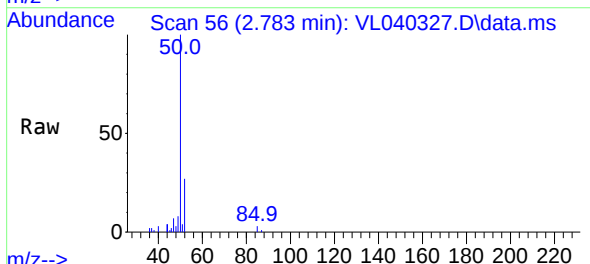
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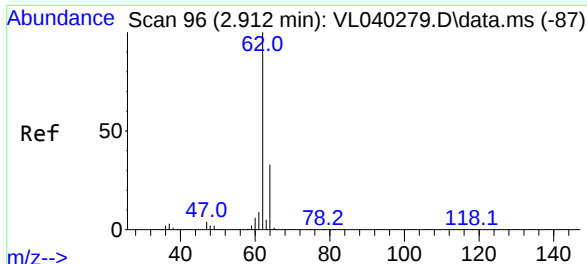
Tgt Ion: 51 Resp: 66163
Ion Ratio Lower Upper
51 100
67 20.7 16.0 24.0



#4
Chloromethane
Concen: 0.589 ppbv
RT: 2.783 min Scan# 56
Delta R.T. -0.020 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 50 Resp: 41636
Ion Ratio Lower Upper
50 100
52 27.0 25.9 38.9

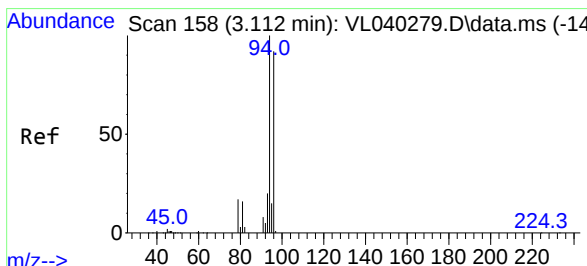
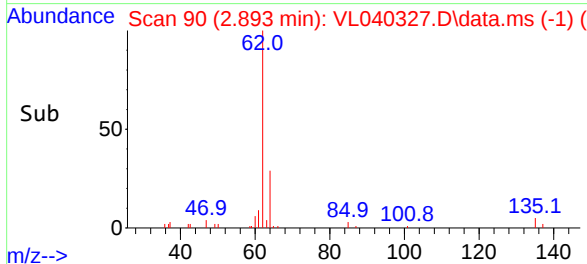
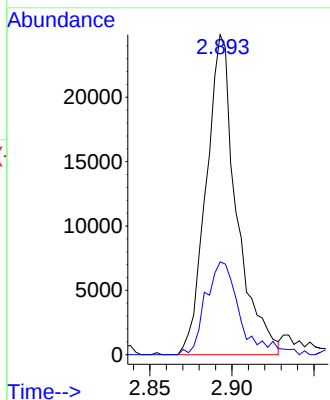
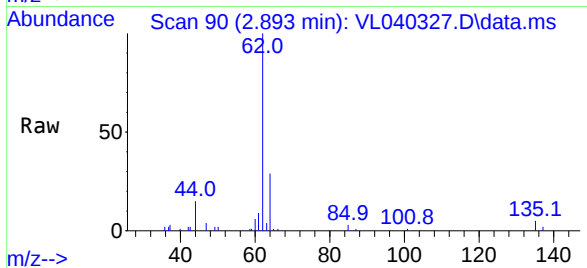




#5
 Vinyl Chloride
 Concen: 0.556 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. -0.019 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

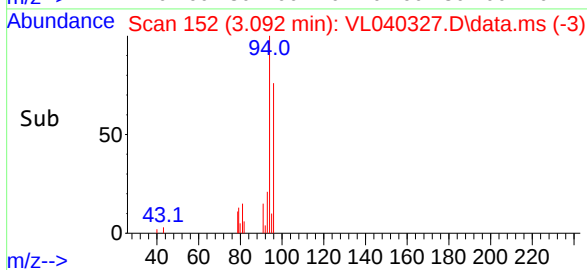
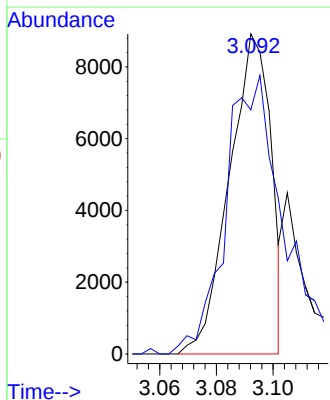
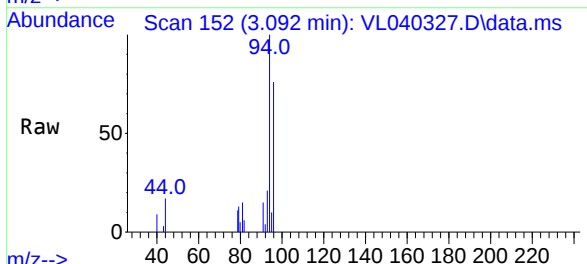
Instrument :
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 ClientSampleId :
 LOQ-AIR-02-QT2-2023

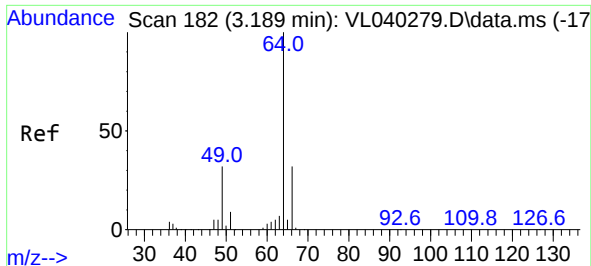
Tgt Ion: 62 Resp: 31875
 Ion Ratio Lower Upper
 62 100
 64 29.0 26.4 39.6



#6
 Bromomethane
 Concen: 0.459 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. -0.020 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

Tgt Ion: 94 Resp: 9114
 Ion Ratio Lower Upper
 94 100
 96 73.9 73.7 110.5

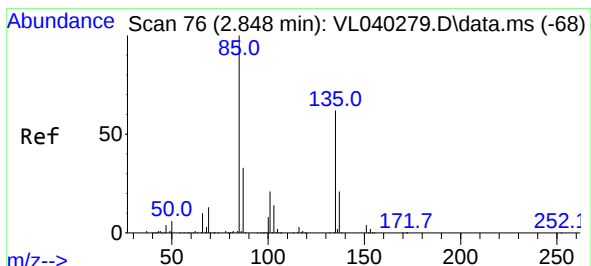
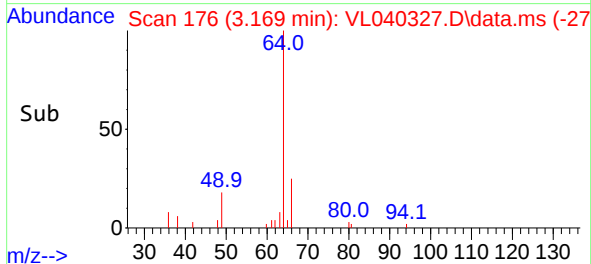
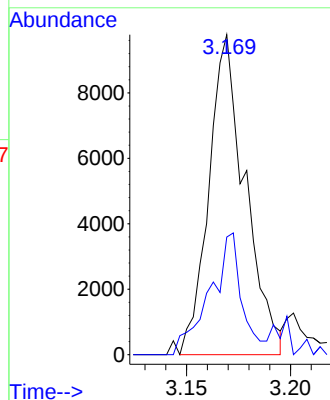
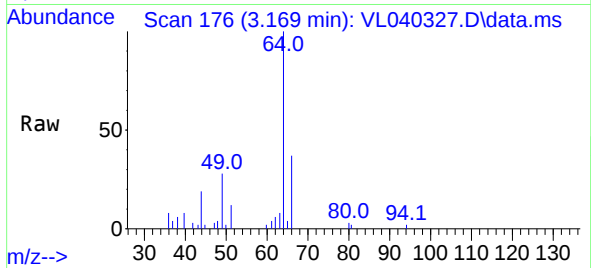




#7
Chloroethane
Concen: 0.541 ppbv
RT: 3.169 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

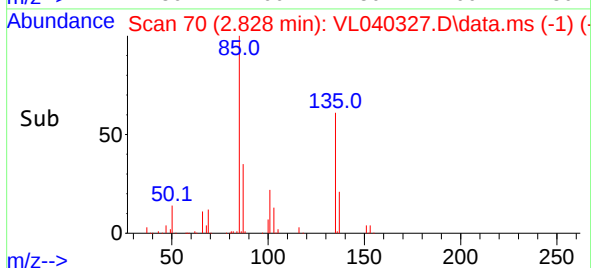
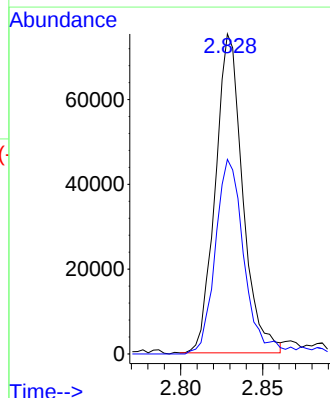
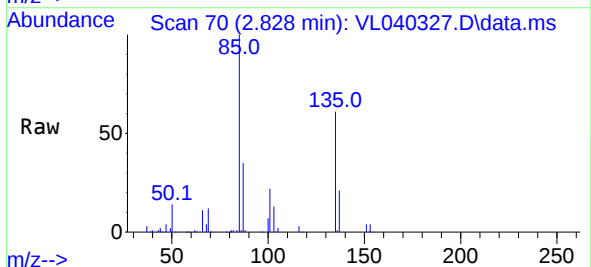
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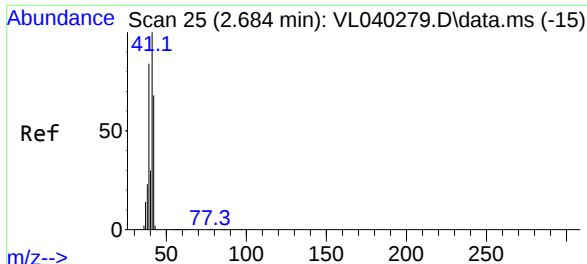
Tgt Ion: 64 Resp: 11894
Ion Ratio Lower Upper
64 100
66 36.8 25.5 38.3



#8
Dichlorotetrafluoroethane
Concen: 0.570 ppbv
RT: 2.828 min Scan# 70
Delta R.T. -0.020 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 85 Resp: 87253
Ion Ratio Lower Upper
85 100
135 67.1 52.0 78.0

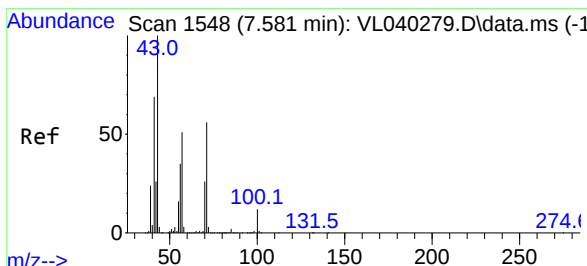
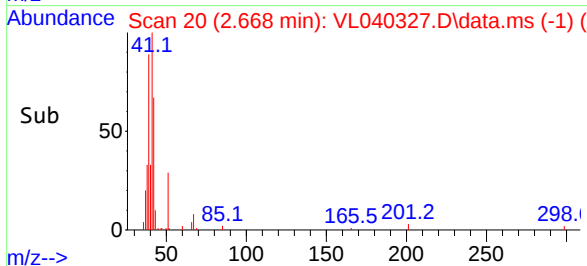
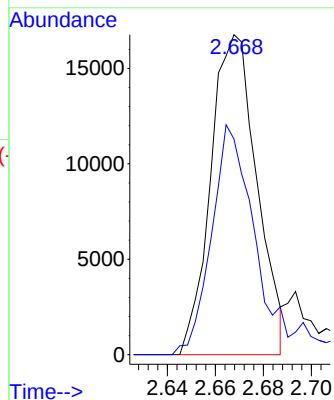
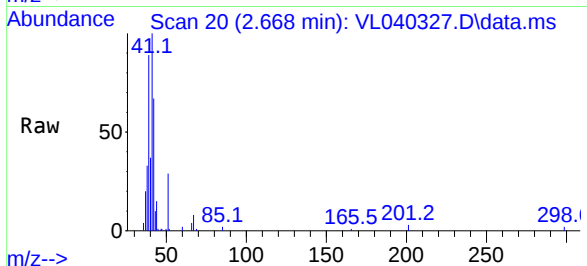




#9
 Propene
 Concen: 0.510 ppbv
 RT: 2.668 min Scan# 20
 Delta R.T. -0.016 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

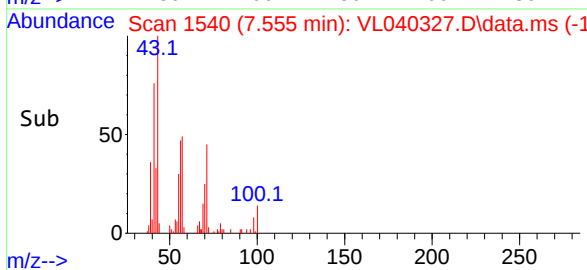
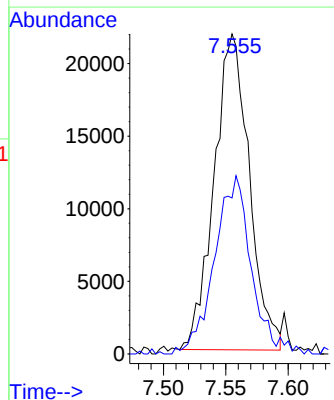
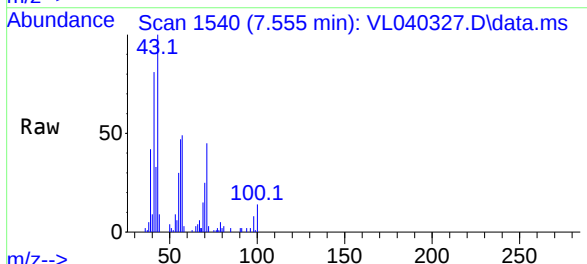
Instrument :
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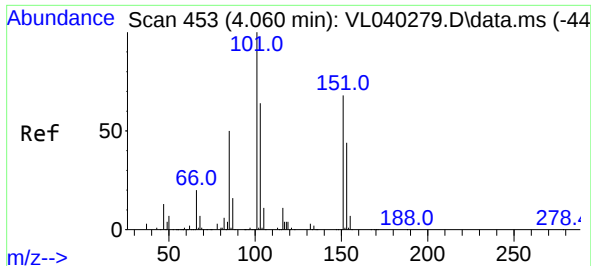
Tgt Ion: 41 Resp: 22381
 Ion Ratio Lower Upper
 41 100
 42 74.0 59.0 88.4



#10
 Heptane
 Concen: 0.406 ppbv
 RT: 7.555 min Scan# 1540
 Delta R.T. -0.026 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

Tgt Ion: 43 Resp: 42826
 Ion Ratio Lower Upper
 43 100
 57 58.9 41.7 62.5

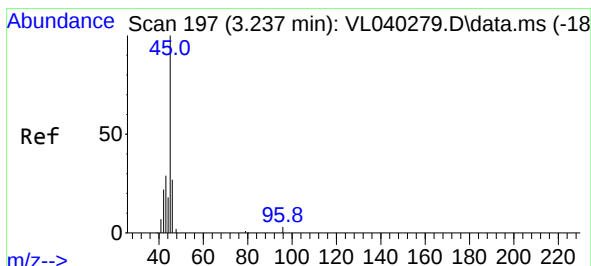
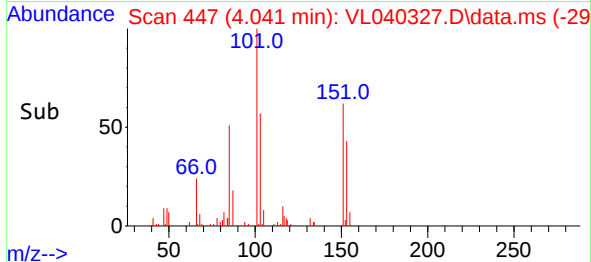
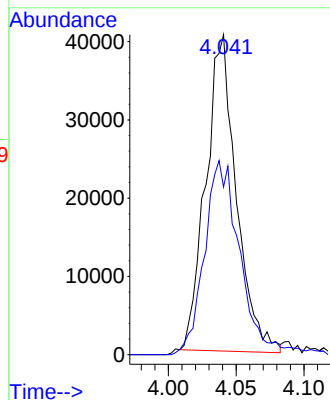
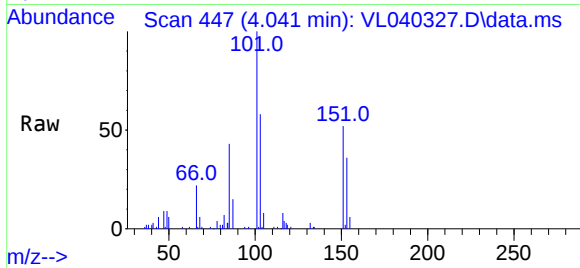




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.520 ppbv
RT: 4.041 min Scan# 44
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

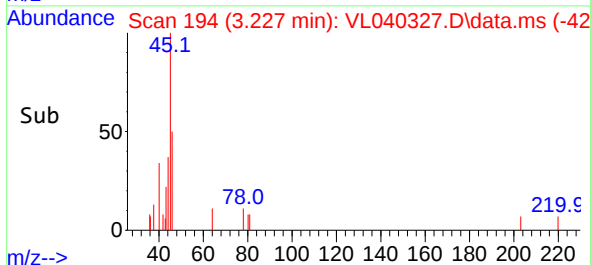
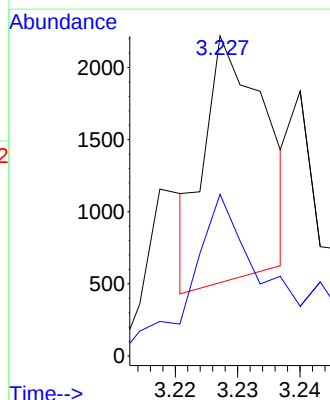
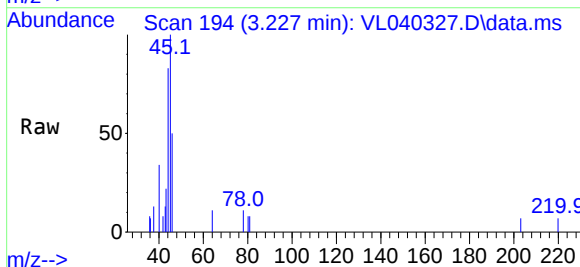
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

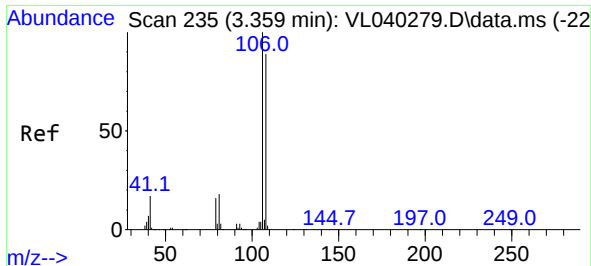
Tgt Ion:101 Resp: 63210
Ion Ratio Lower Upper
101 100
151 72.5 53.2 79.8



#13
Ethanol
Concen: 0.352 ppbv
RT: 3.227 min Scan# 194
Delta R.T. -0.010 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 45 Resp: 1132
Ion Ratio Lower Upper
45 100
46 127.3 15.0 60.2#

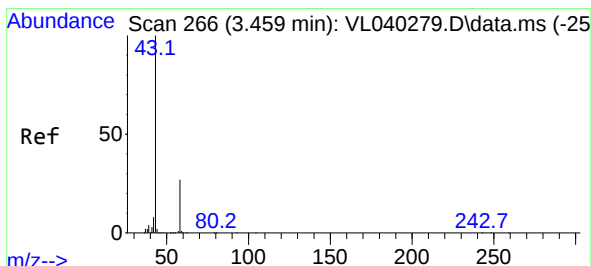
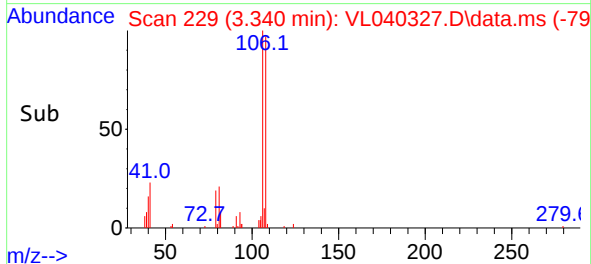
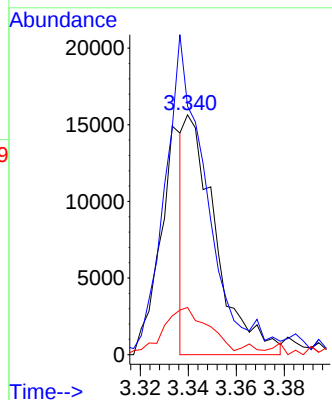
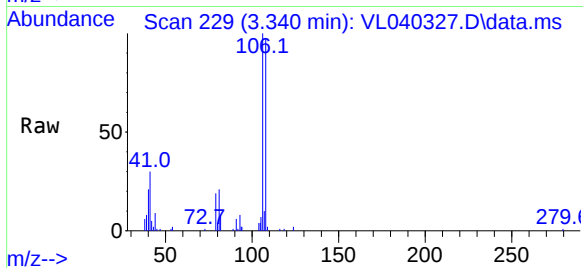




#14
Bromoethene
Concen: 0.312 ppbv
RT: 3.340 min Scan# 211
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

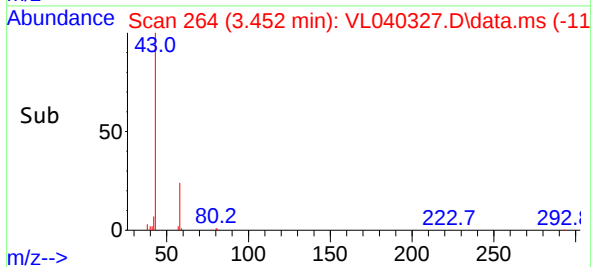
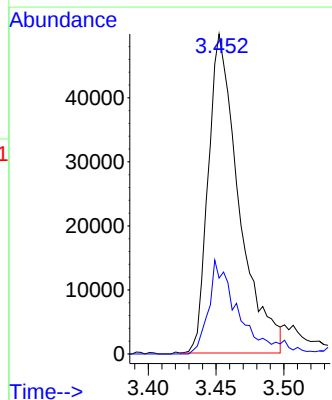
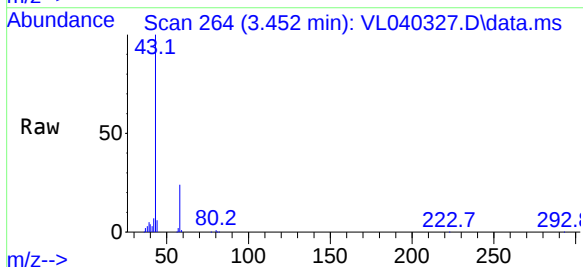
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

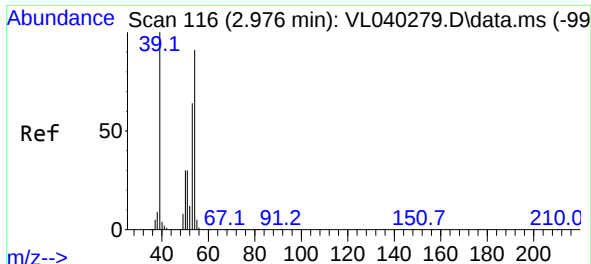
Tgt Ion:108 Resp: 14145
Ion Ratio Lower Upper
108 100
106 188.6 85.8 128.8#
79 34.1 15.8 23.6#



#15
Acetone
Concen: 0.707 ppbv
RT: 3.452 min Scan# 264
Delta R.T. -0.007 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 43 Resp: 78377
Ion Ratio Lower Upper
43 100
58 29.2 21.8 32.8

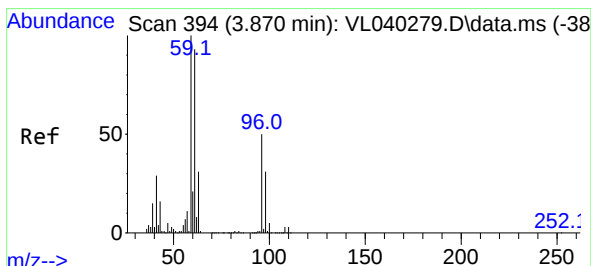
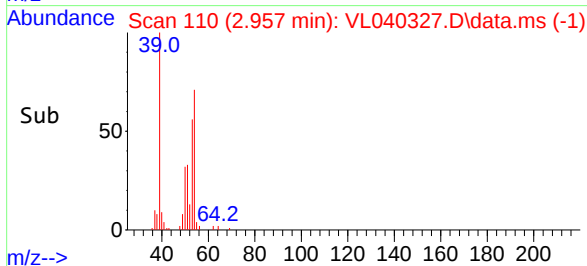
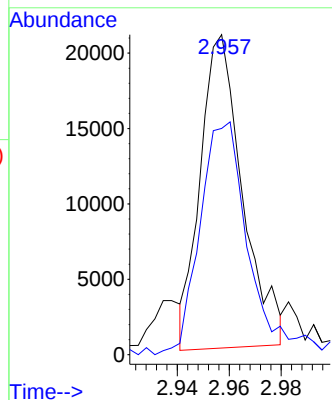
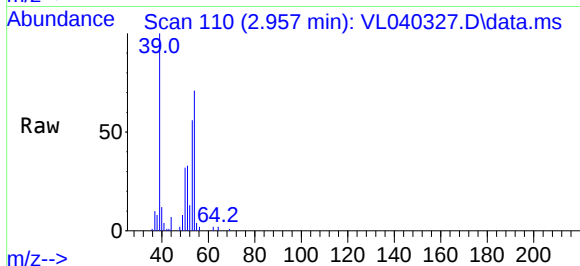




#16
1,3-Butadiene
Concen: 0.466 ppbv
RT: 2.957 min Scan# 116
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

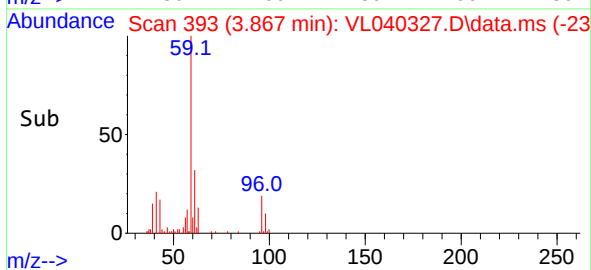
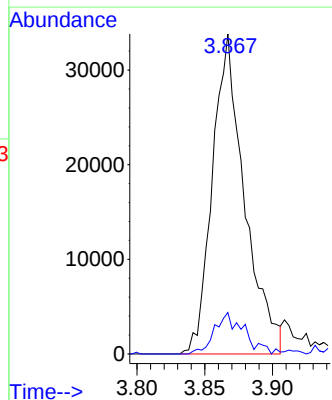
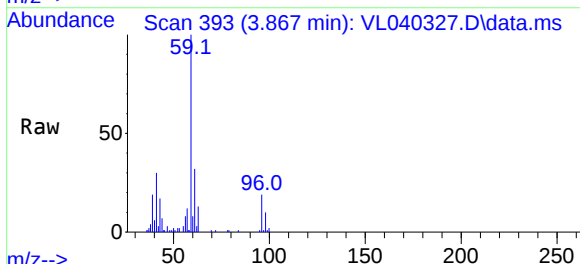
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

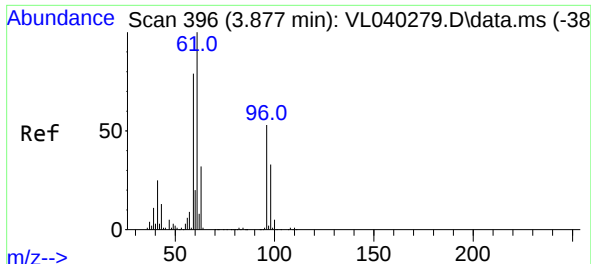
Tgt Ion: 39 Resp: 23473
Ion Ratio Lower Upper
39 100
54 89.5 68.4 102.6



#17
tert-Butyl alcohol
Concen: 0.529 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.003 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 59 Resp: 55718
Ion Ratio Lower Upper
59 100
57 12.6 8.5 12.7





#18

1,1-Dichloroethene

Concen: 0.524 ppbv

RT: 3.854 min Scan# 31

Delta R.T. -0.023 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2023

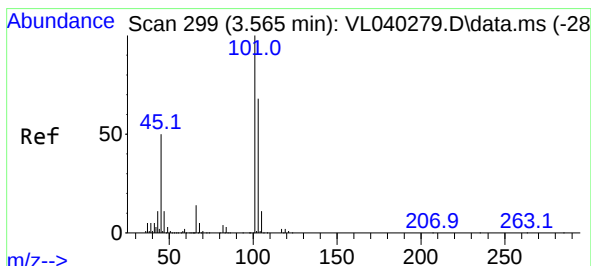
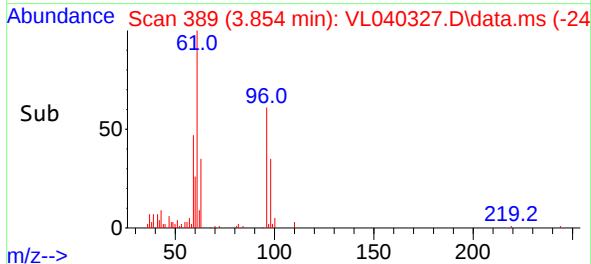
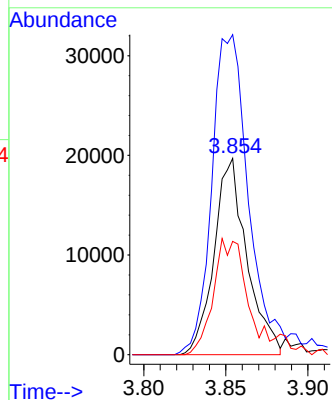
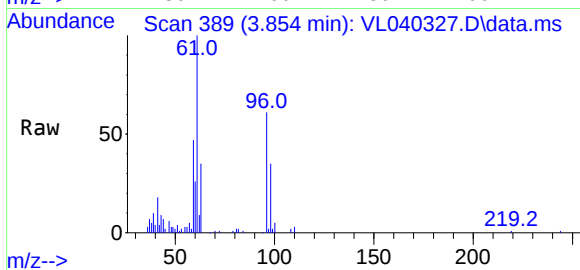
Tgt Ion: 96 Resp: 27316

Ion Ratio Lower Upper

96 100

61 161.7 150.6 226.0

98 57.7 50.3 75.5



#19

Isopropyl Alcohol

Concen: 0.555 ppbv

RT: 3.565 min Scan# 299

Delta R.T. -0.000 min

Lab File: VL040327.D

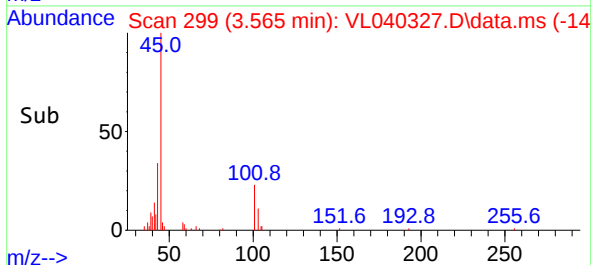
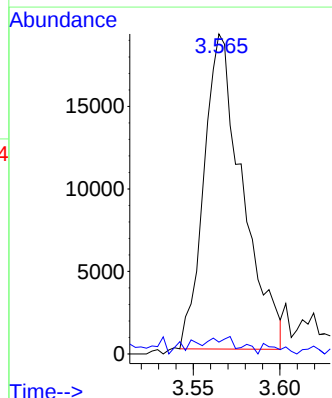
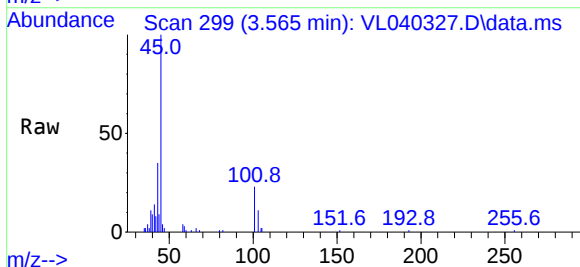
Acq: 10 Apr 2023 16:24

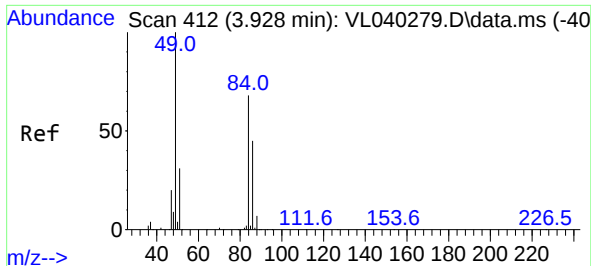
Tgt Ion: 45 Resp: 29498

Ion Ratio Lower Upper

45 100

58 9.1 2.7 4.1#

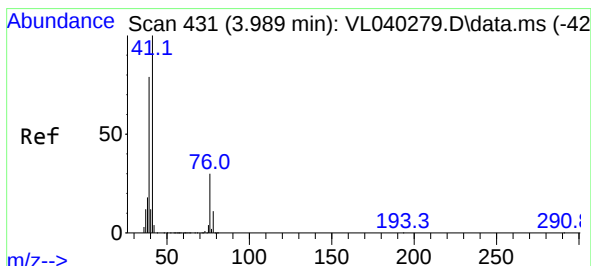
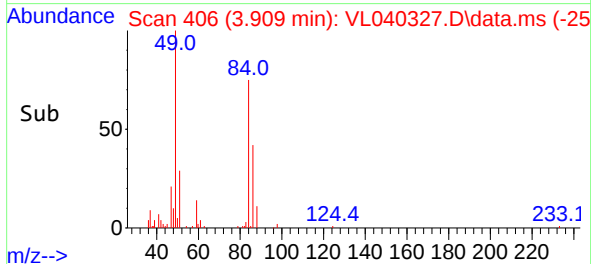
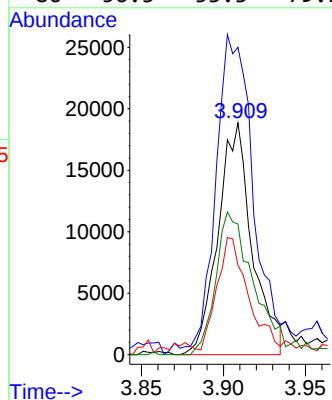
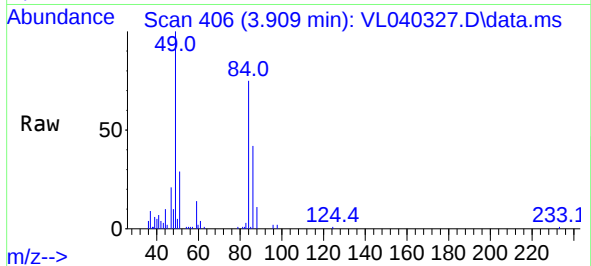




#20
Methylene Chloride
Concen: 0.583 ppbv
RT: 3.909 min Scan# 406
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

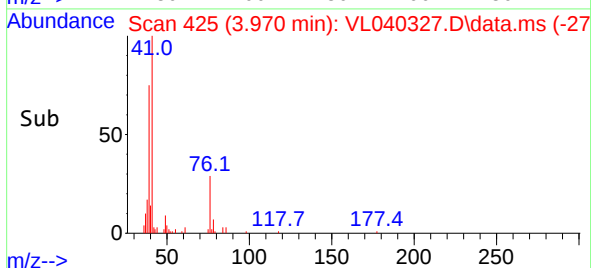
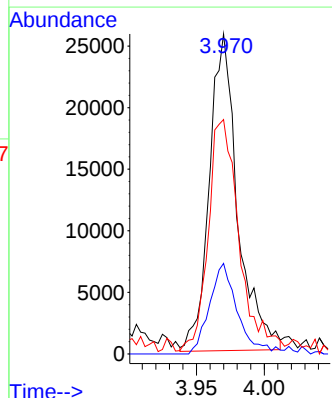
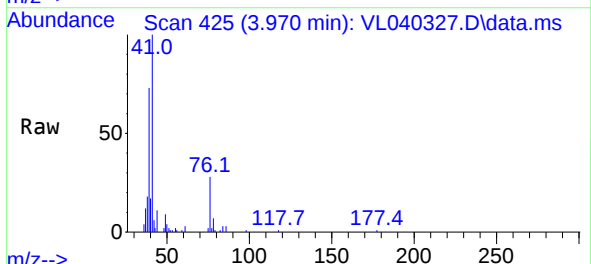
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

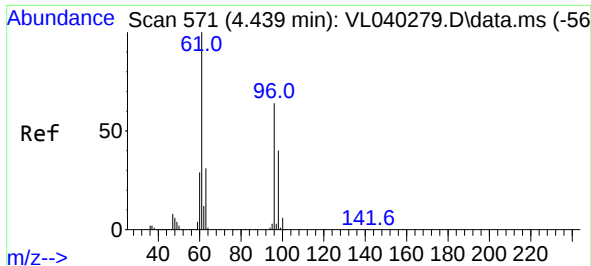
Tgt Ion: 84 Resp: 27213
Ion Ratio Lower Upper
84 100
49 129.8 117.5 176.3
51 35.0 36.9 55.3#
86 56.3 53.3 79.9



#21
Allyl Chloride
Concen: 0.521 ppbv
RT: 3.970 min Scan# 425
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 41 Resp: 37449
Ion Ratio Lower Upper
41 100
76 29.6 25.4 38.0
39 85.1 65.4 98.2

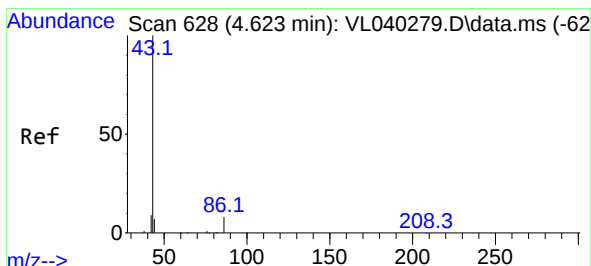
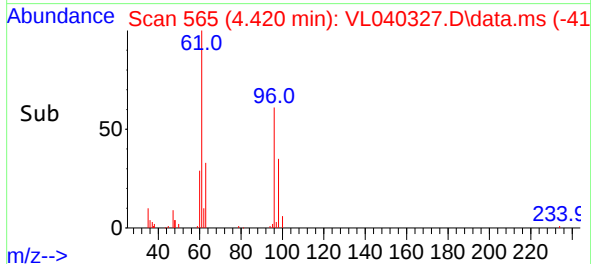
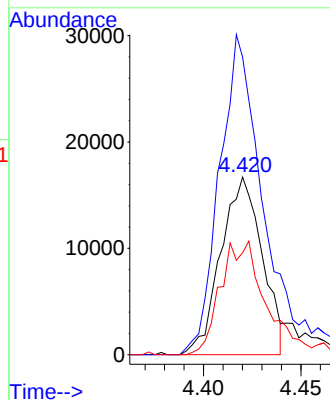
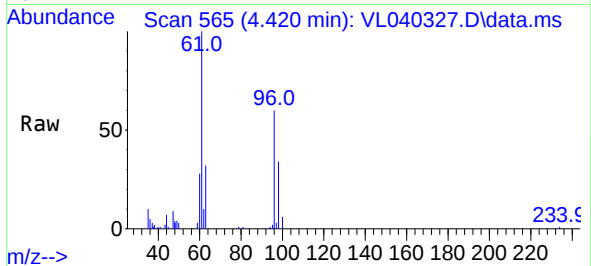




#22
trans-1,2-Dichloroethene
Concen: 0.465 ppbv
RT: 4.420 min Scan# 571
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

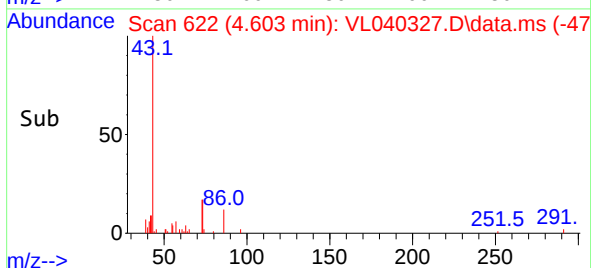
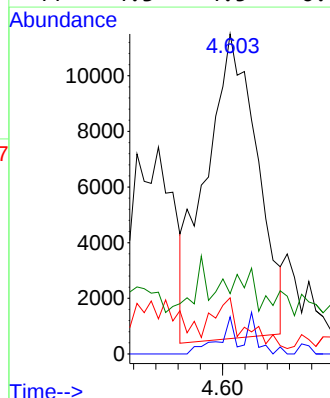
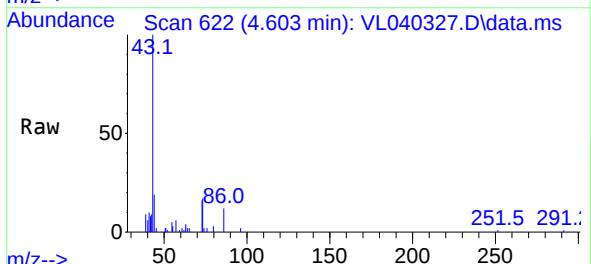
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

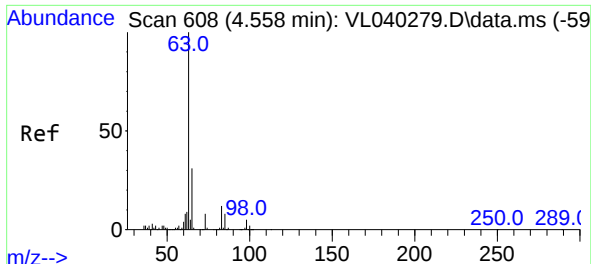
Tgt Ion: 96 Resp: 24671
Ion Ratio Lower Upper
96 100
61 167.4 125.4 188.2
98 57.4 49.8 74.6



#23
Vinyl Acetate
Concen: 0.569 ppbv
RT: 4.603 min Scan# 622
Delta R.T. -0.020 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 43 Resp: 17565
Ion Ratio Lower Upper
43 100
86 15.9 5.0 7.4#
42 20.5 9.1 13.7#
44 4.3 4.5 6.7#





#24

1,1-Dichloroethane

Concen: 0.516 ppbv

RT: 4.536 min Scan# 601

Delta R.T. -0.022 min

Lab File: VL040327.D

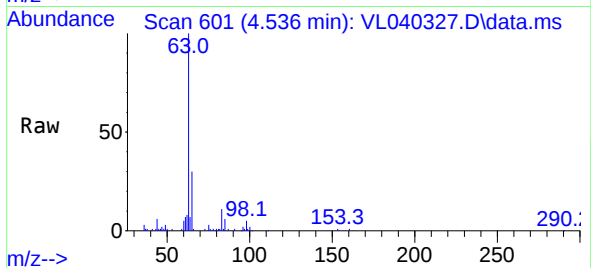
Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_1

ClientSampleId :

LOQ-AIR-02-QT2-2023



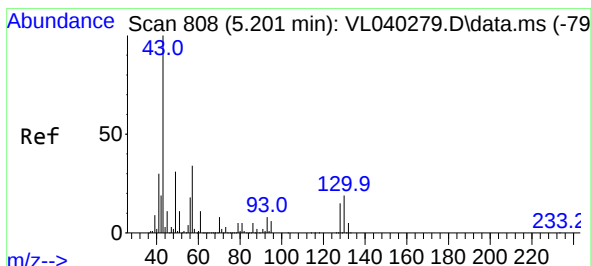
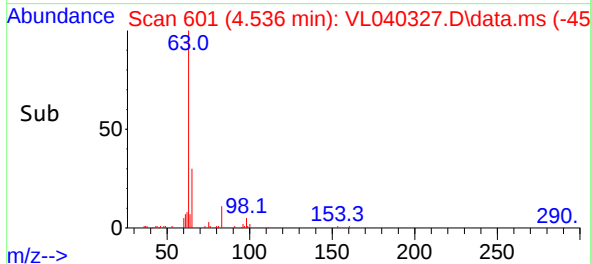
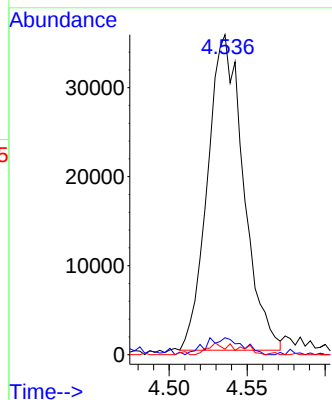
Tgt Ion: 63 Resp: 56833

Ion Ratio Lower Upper

63 100

98 4.6 2.4 7.2

100 1.7 1.2 3.6



#25

Ethyl Acetate

Concen: 0.502 ppbv

RT: 5.182 min Scan# 802

Delta R.T. -0.019 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Tgt Ion: 43 Resp: 104314

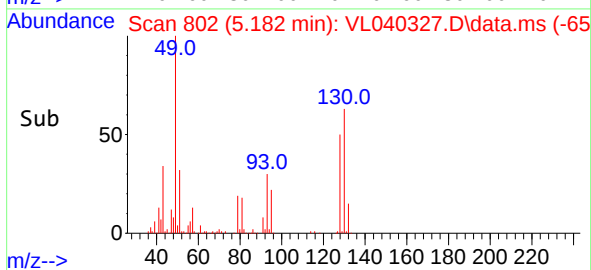
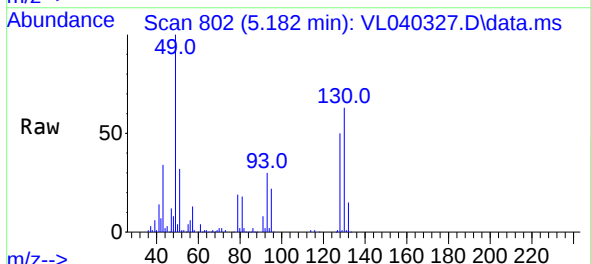
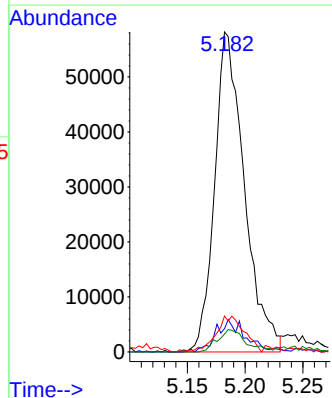
Ion Ratio Lower Upper

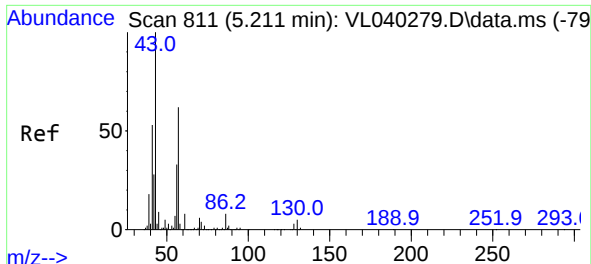
43 100

45 10.7 8.6 12.8

61 12.4 8.4 12.6

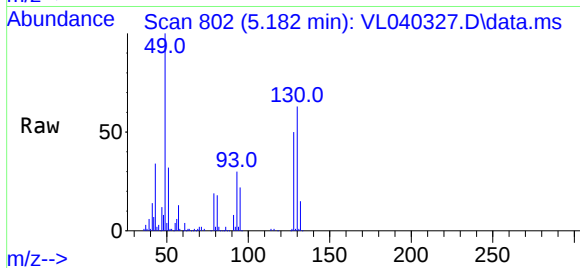
70 7.6 5.8 8.6



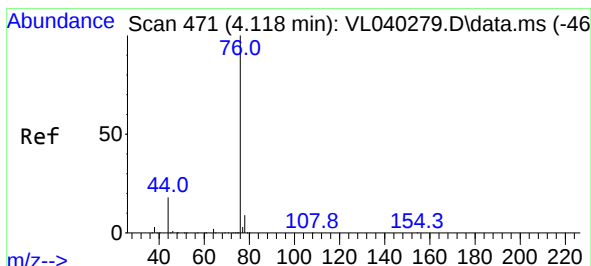
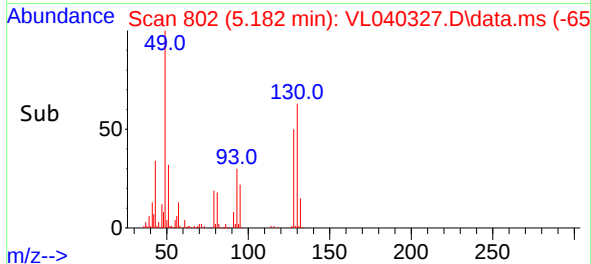
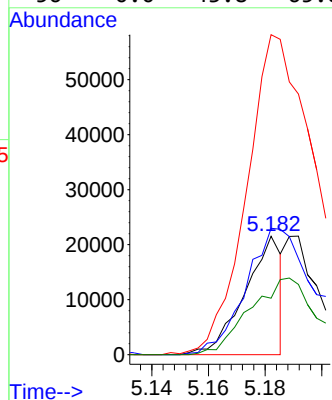


#26
Hexane
Concen: 0.227 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

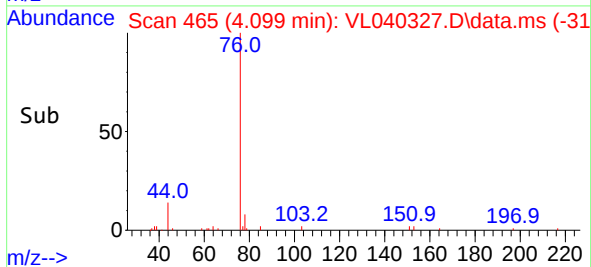
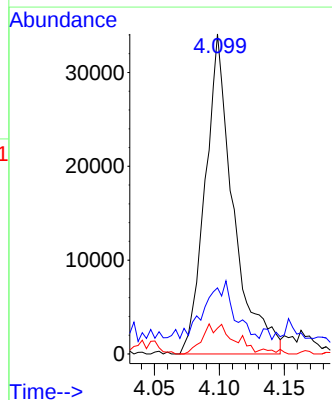
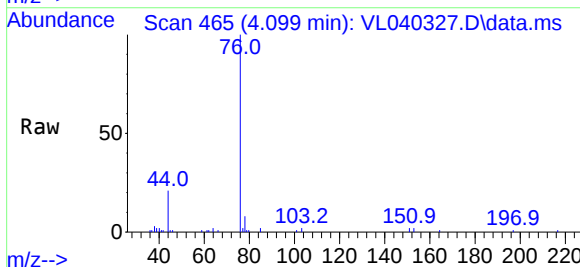


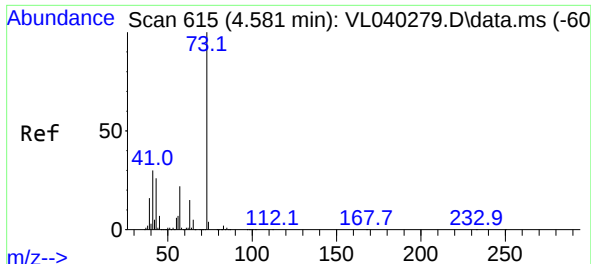
Tgt Ion: 57 Resp: 19321
Ion Ratio Lower Upper
57 100
41 212.4 73.5 110.3#
43 577.9 196.3 294.5#
56 0.0 43.8 65.8#



#27
Carbon Disulfide
Concen: 0.431 ppbv
RT: 4.099 min Scan# 465
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 76 Resp: 51308
Ion Ratio Lower Upper
76 100
44 20.2 15.2 22.8
78 11.1 7.6 11.4





#28

Methyl tert-Butyl Ether

Concen: 0.481 ppbv

RT: 4.568 min Scan# 615

Delta R.T. -0.013 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

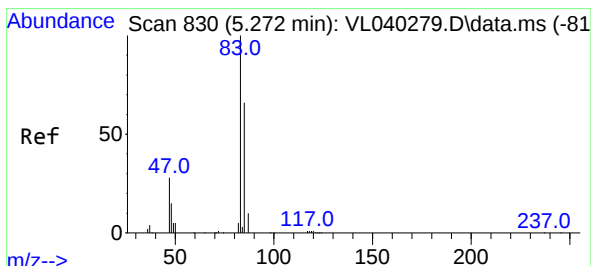
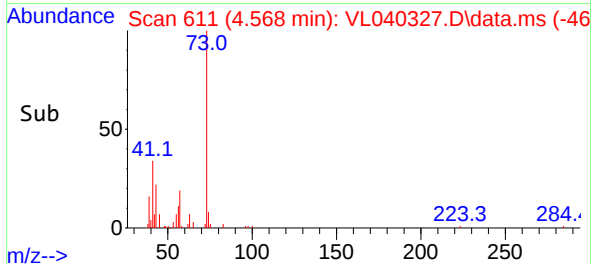
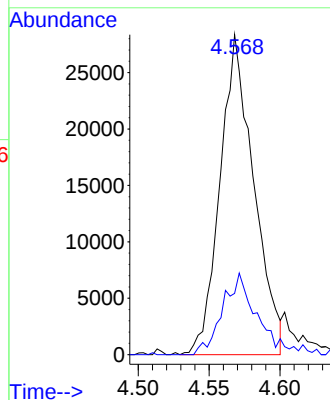
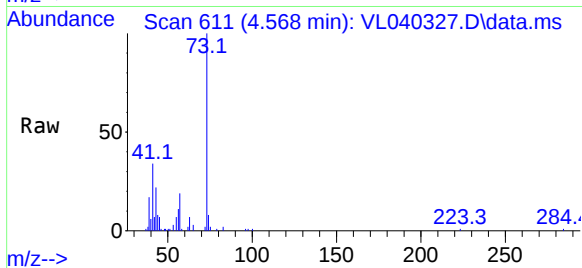
LOQ-AIR-02-QT2-2023

Tgt Ion: 73 Resp: 47083

Ion Ratio Lower Upper

73 100

57 26.5 18.4 27.6



#29

Chloroform

Concen: 0.552 ppbv

RT: 5.250 min Scan# 823

Delta R.T. -0.022 min

Lab File: VL040327.D

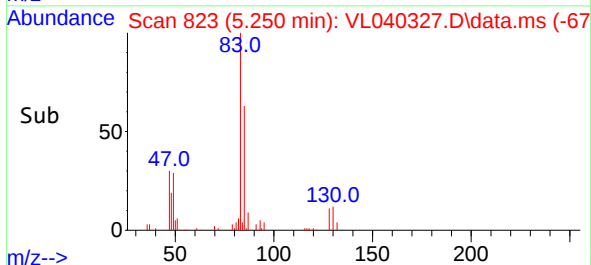
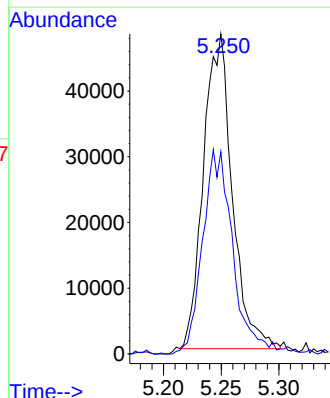
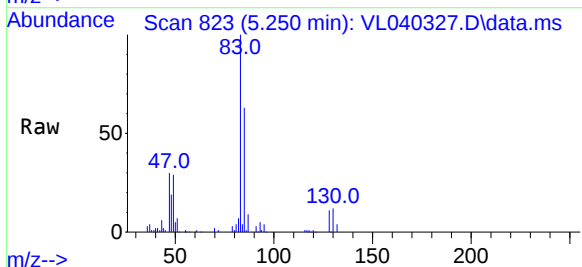
Acq: 10 Apr 2023 16:24

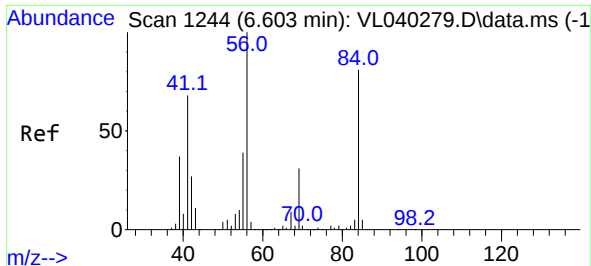
Tgt Ion: 83 Resp: 83137

Ion Ratio Lower Upper

83 100

85 63.1 52.8 79.2

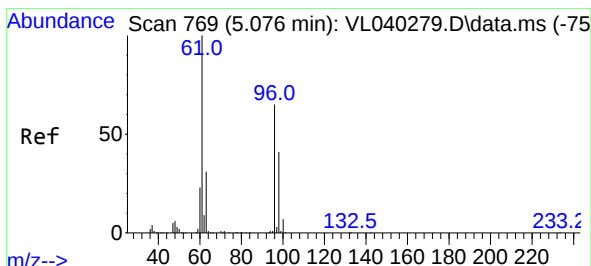
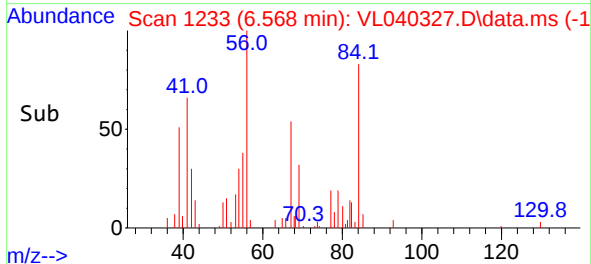
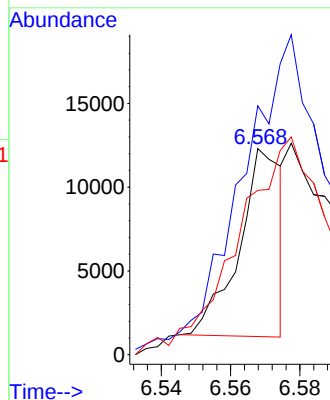
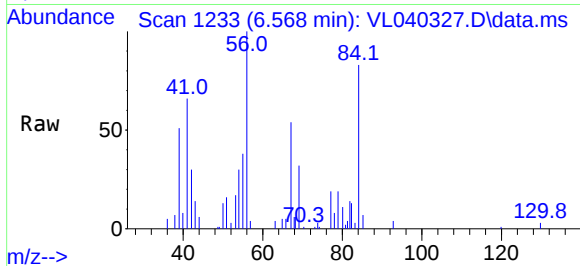




#30
Cyclohexane
Concen: 0.141 ppbv
RT: 6.568 min Scan# 11
Delta R.T. -0.035 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

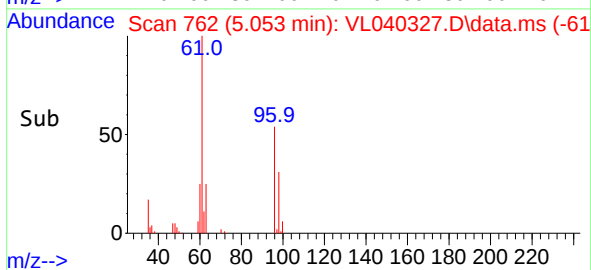
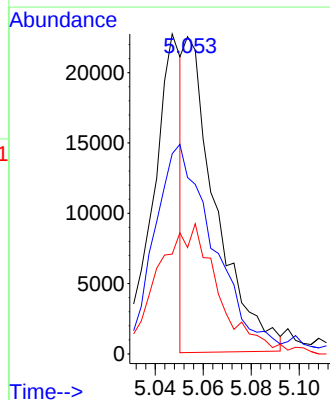
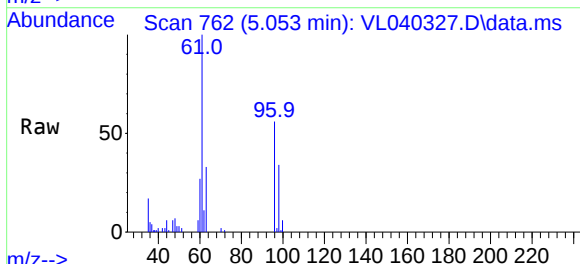
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

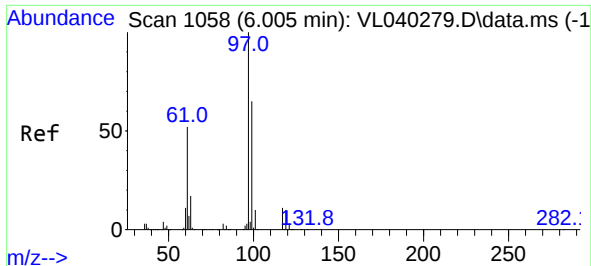
Tgt Ion: 84 Resp: 9493
Ion Ratio Lower Upper
84 100
56 0.0 109.0 163.4#
41 0.0 67.9 101.9#



#31
cis-1,2-Dichloroethene
Concen: 0.246 ppbv
RT: 5.053 min Scan# 762
Delta R.T. -0.023 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 61 Resp: 20430
Ion Ratio Lower Upper
61 100
96 55.5 51.8 77.8
98 32.2 32.5 48.7#





#32

1,1,1-Trichloroethane

Concen: 0.235 ppbv

RT: 5.970 min Scan# 1047

Delta R.T. -0.035 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2023

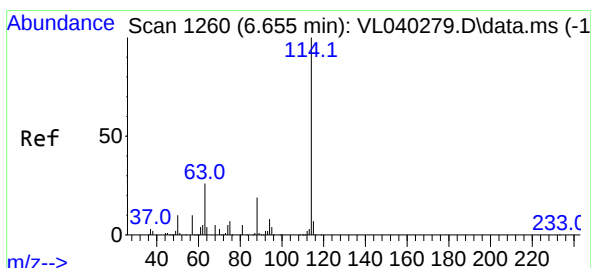
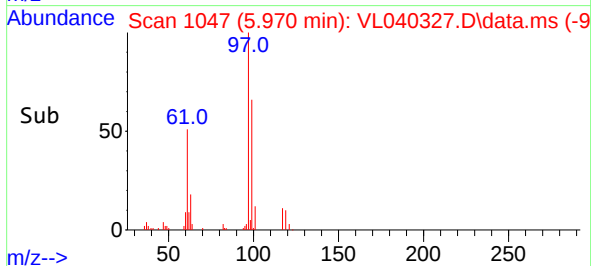
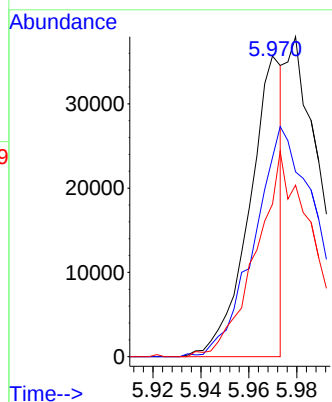
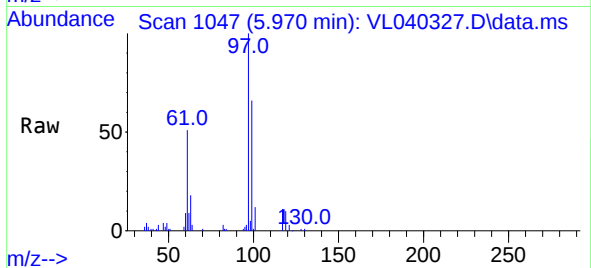
Tgt Ion: 97 Resp: 33870

Ion Ratio Lower Upper

97 100

99 153.4 52.2 78.2#

61 125.0 41.4 62.2#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 1251

Delta R.T. -0.029 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

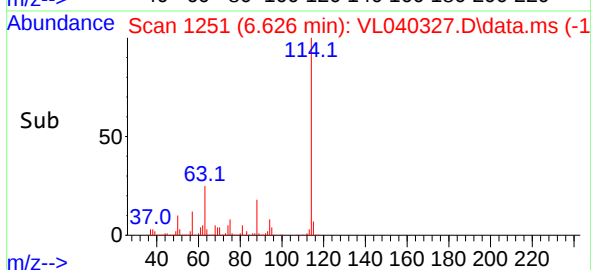
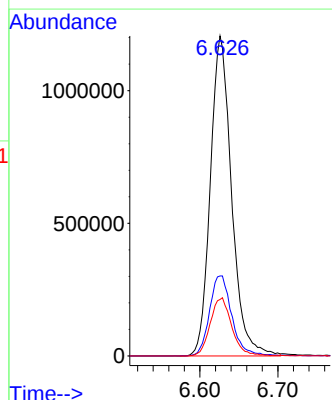
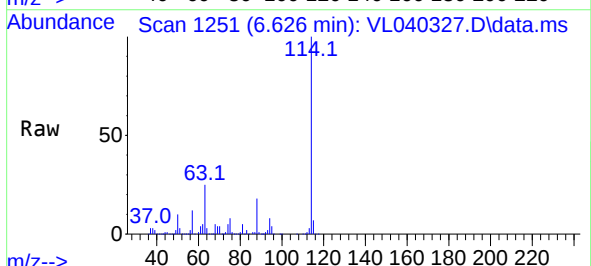
Tgt Ion: 114 Resp: 2292067

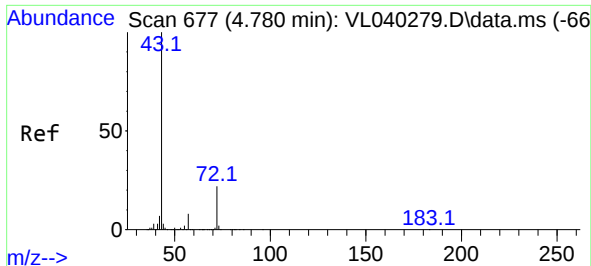
Ion Ratio Lower Upper

114 100

63 26.4 21.2 31.8

88 18.5 14.5 21.7





#34

2-Butanone

Concen: 0.556 ppbv

RT: 4.767 min Scan# 61

Delta R.T. -0.013 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

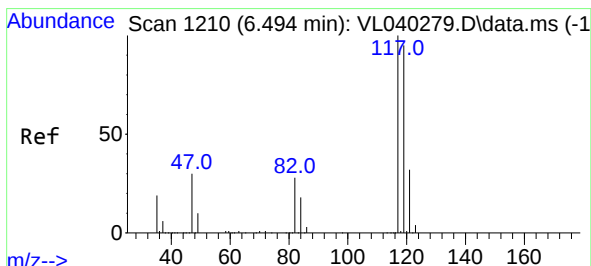
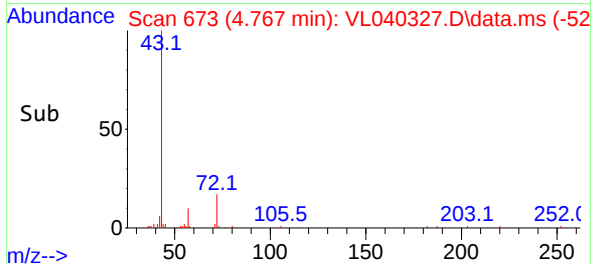
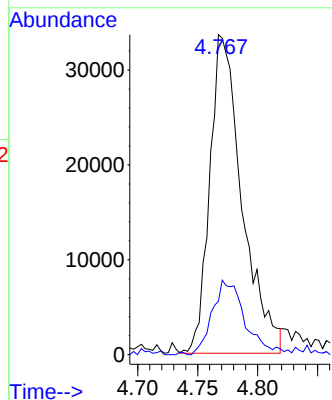
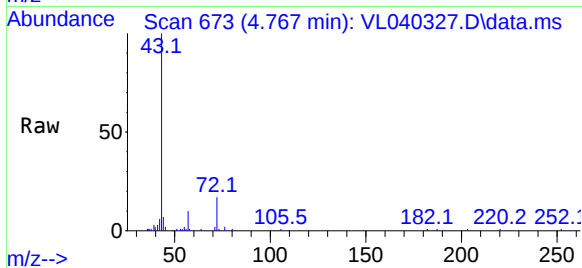
LOQ-AIR-02-QT2-2023

Tgt Ion: 43 Resp: 62878

Ion Ratio Lower Upper

43 100

72 23.5 18.3 27.5



#35

Carbon Tetrachloride

Concen: 0.547 ppbv

RT: 6.468 min Scan# 1202

Delta R.T. -0.026 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

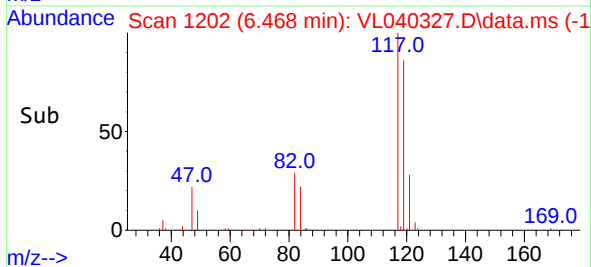
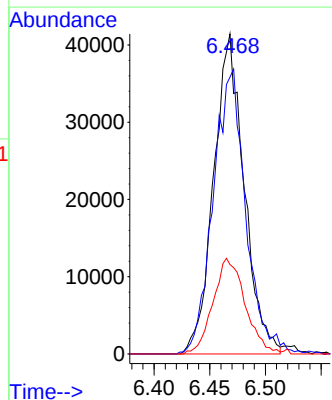
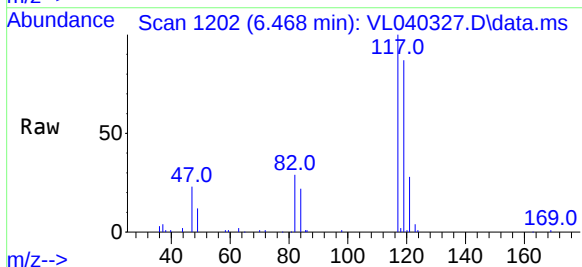
Tgt Ion: 117 Resp: 78648

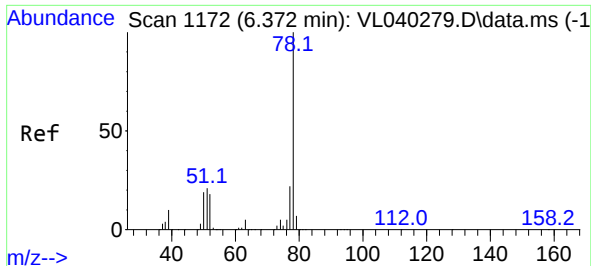
Ion Ratio Lower Upper

117 100

119 85.9 76.4 114.6

121 27.9 25.6 38.4

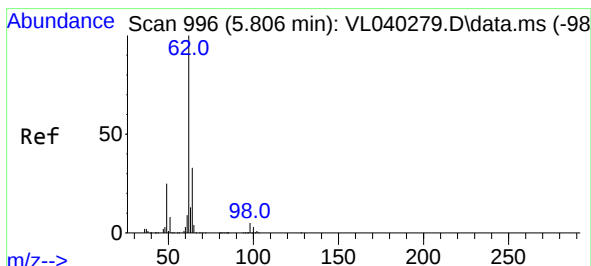
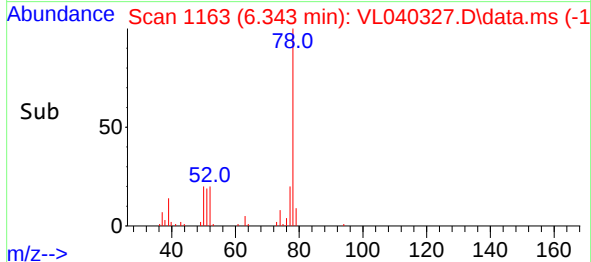
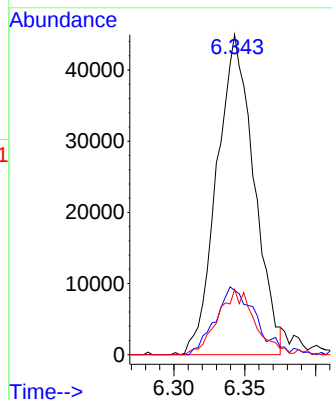
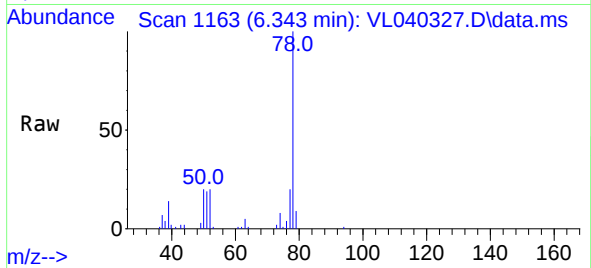




#36
Benzene
Concen: 0.469 ppbv
RT: 6.343 min Scan# 1172
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

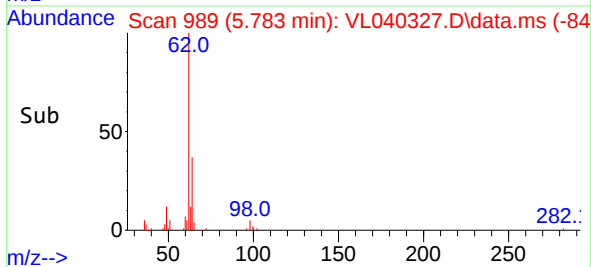
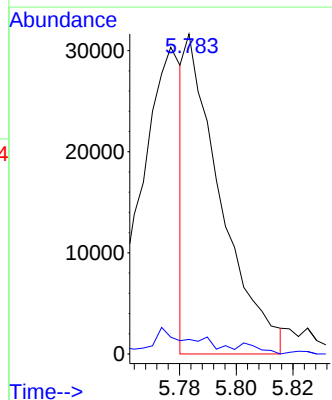
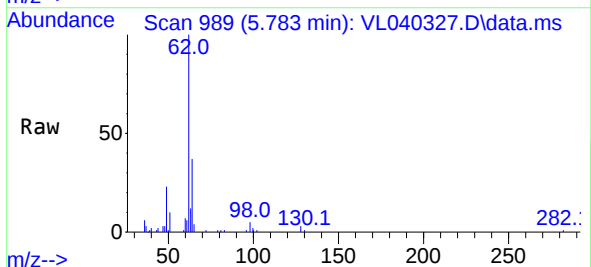
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

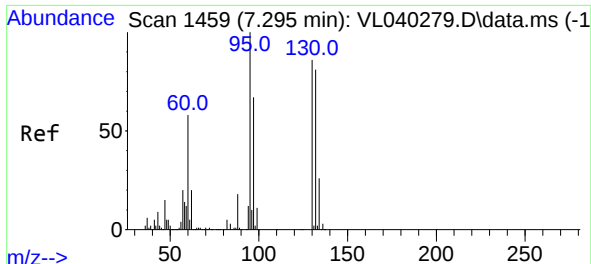
Tgt Ion: 78 Resp: 81986
Ion Ratio Lower Upper
78 100
77 20.1 17.8 26.8
50 20.4 15.4 23.2



#37
1,2-Dichloroethane
Concen: 0.242 ppbv
RT: 5.783 min Scan# 989
Delta R.T. -0.023 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

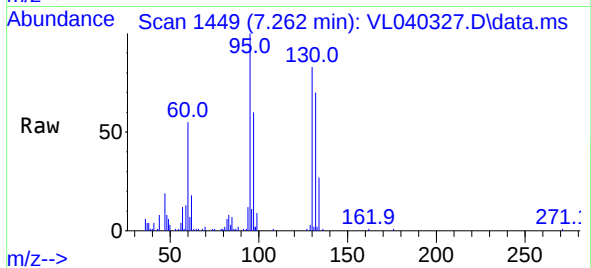
Tgt Ion: 62 Resp: 27474
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5#





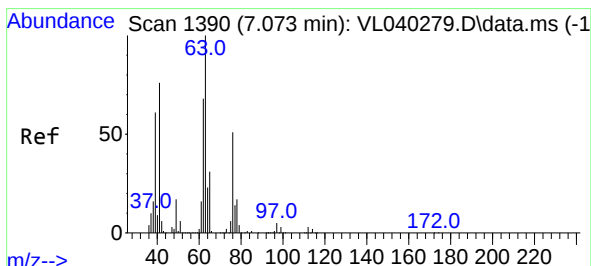
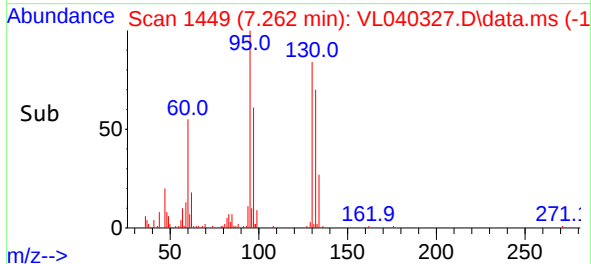
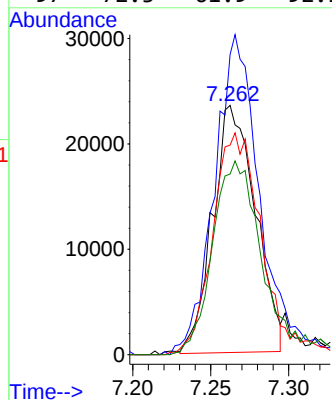
#38
Trichloroethene
Concen: 0.469 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. -0.033 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT2-2023



Tgt Ion: 130 Resp: 44788

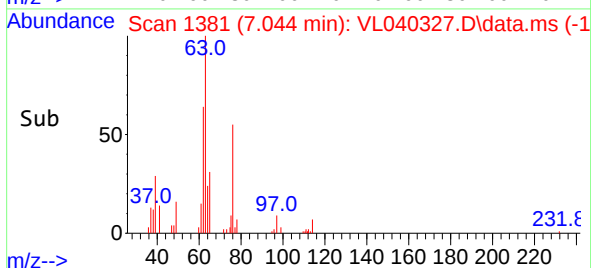
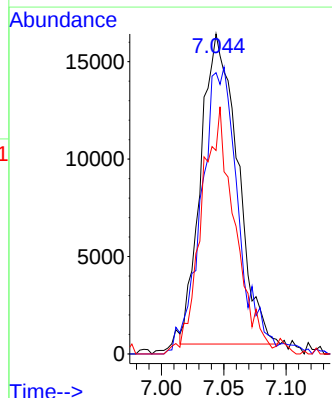
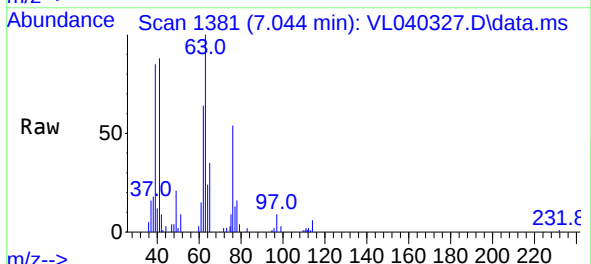
Ion	Ratio	Lower	Upper
130	100		
95	117.9	93.0	139.4
132	82.7	75.3	112.9
97	72.3	61.9	92.9

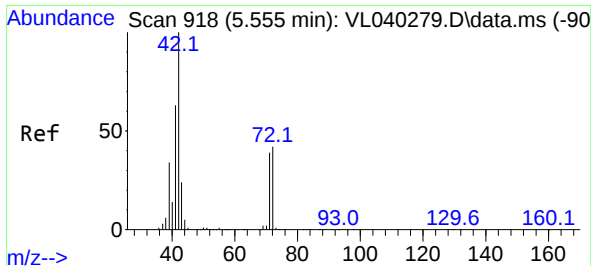


#39
1,2-Dichloropropane
Concen: 0.476 ppbv
RT: 7.044 min Scan# 1381
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 63 Resp: 32597

Ion	Ratio	Lower	Upper
63	100		
41	87.4	60.8	91.2
62	60.6	54.1	81.1





#41

Tetrahydrofuran

Concen: 0.253 ppbv

RT: 5.558 min Scan# 918

Delta R.T. 0.003 min

Lab File: VL040327.D

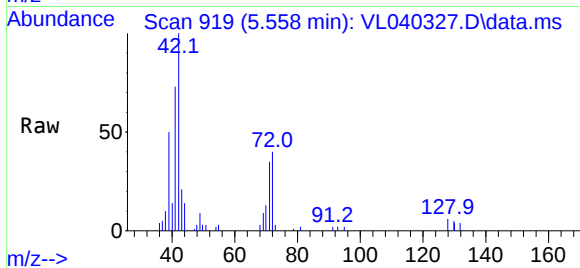
Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2023



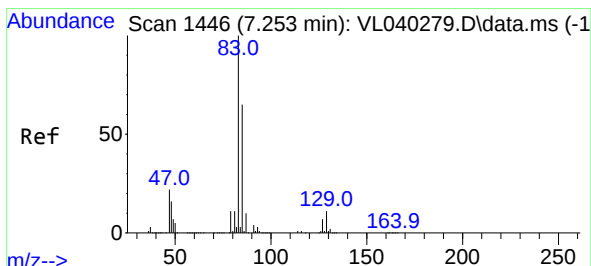
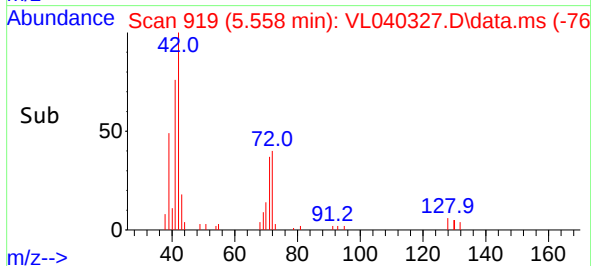
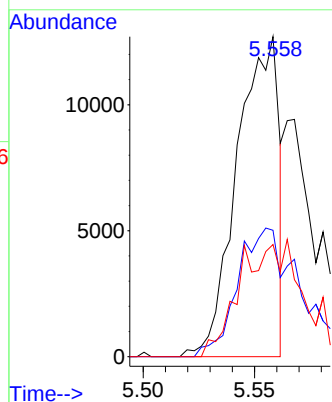
Tgt Ion: 42 Resp: 16529

Ion Ratio Lower Upper

42 100

72 65.3 32.6 49.0#

71 0.0 31.0 46.4#



#42

Bromodichloromethane

Concen: 0.494 ppbv

RT: 7.221 min Scan# 1436

Delta R.T. -0.032 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

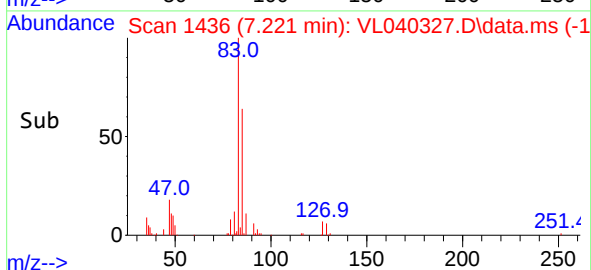
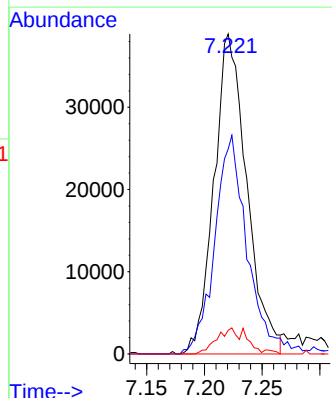
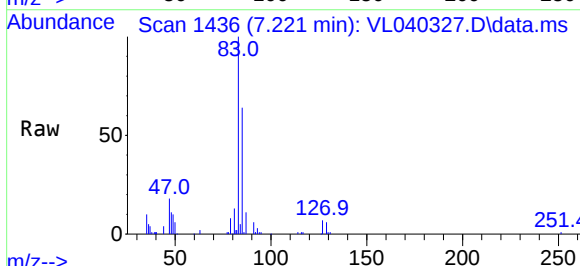
Tgt Ion: 83 Resp: 76775

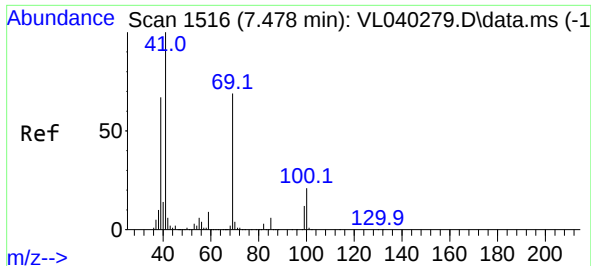
Ion Ratio Lower Upper

83 100

85 64.0 52.1 78.1

127 7.4 5.8 8.6





#43

Methyl Methacrylate

Concen: 0.255 ppbv

RT: 7.455 min Scan# 1509

Delta R.T. -0.023 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2023

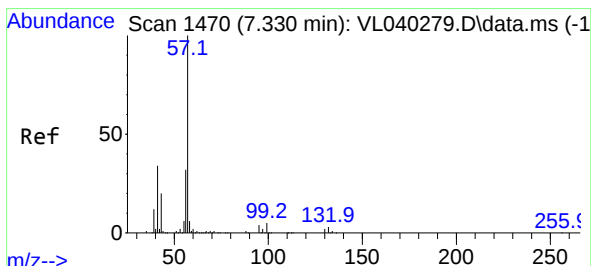
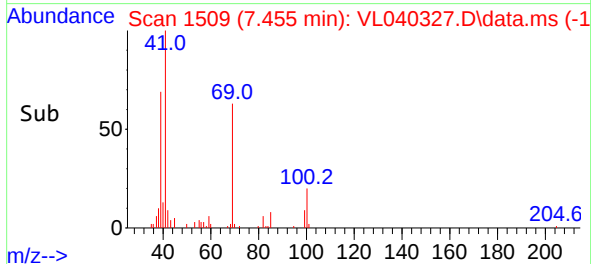
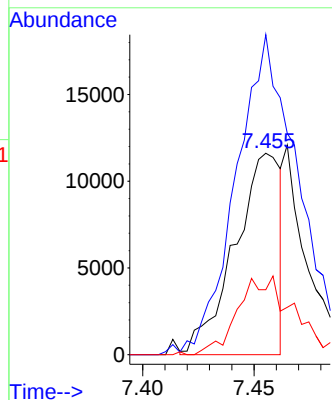
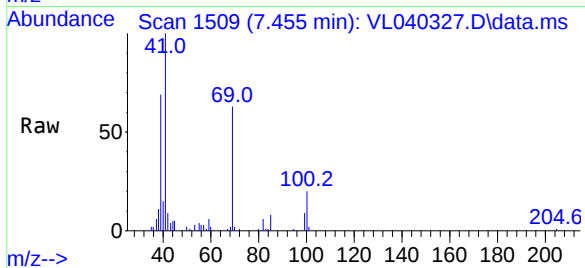
Tgt Ion: 69 Resp: 16562

Ion Ratio Lower Upper

69 100

41 224.4 116.9 175.3#

100 47.7 24.2 36.4#



#44

2,2,4-Trimethylpentane

Concen: 0.479 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.032 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

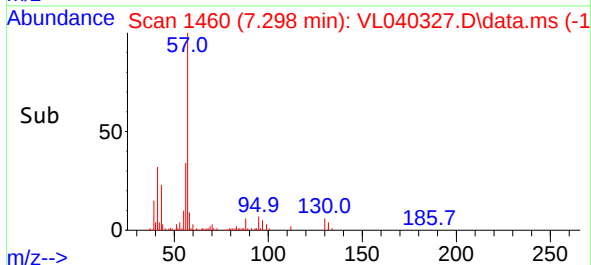
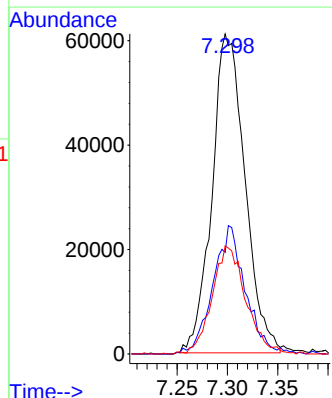
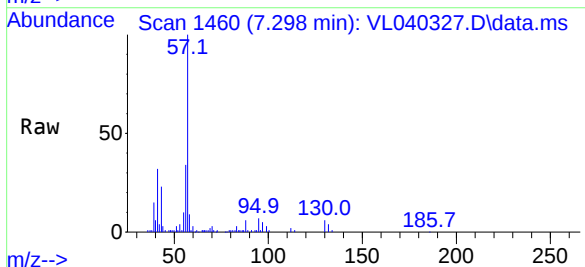
Tgt Ion: 57 Resp: 139458

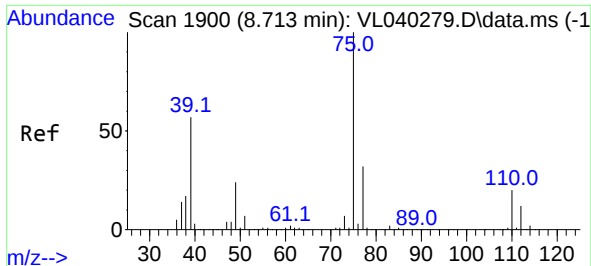
Ion Ratio Lower Upper

57 100

41 39.5 26.8 40.2

56 34.7 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 0.347 ppbv

RT: 8.687 min Scan# 1715

Delta R.T. -0.026 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

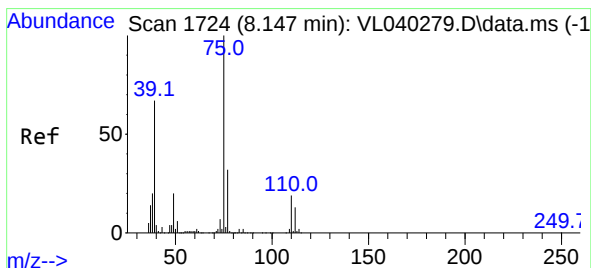
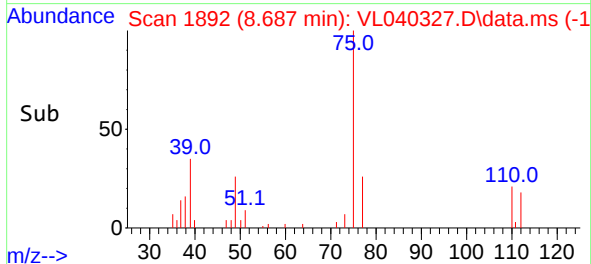
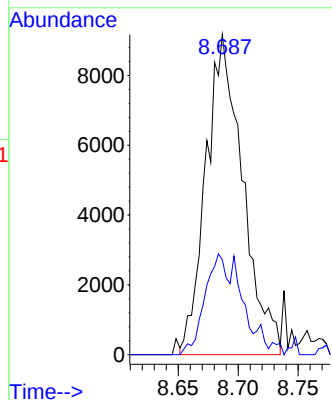
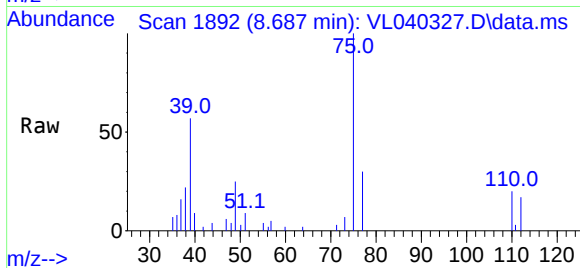
LOQ-AIR-02-QT2-2023

Tgt Ion: 75 Resp: 19640

Ion Ratio Lower Upper

75 100

77 29.7 25.4 38.0



#46

cis-1,3-Dichloropropene

Concen: 0.363 ppbv

RT: 8.118 min Scan# 1715

Delta R.T. -0.029 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

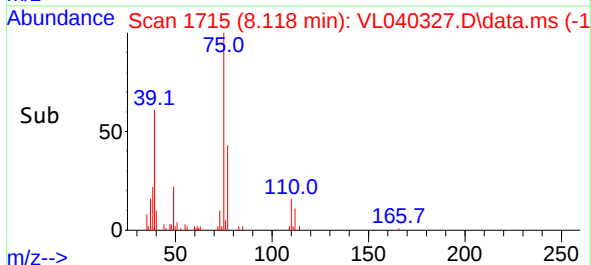
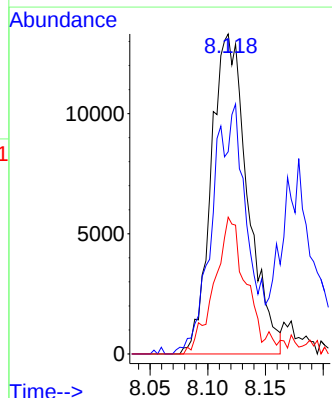
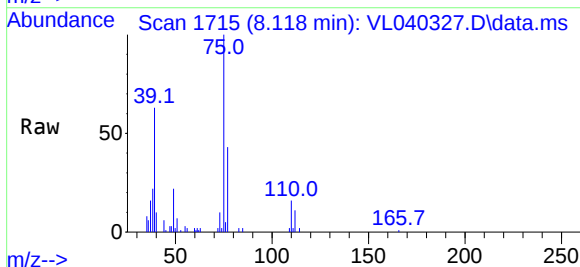
Tgt Ion: 75 Resp: 29169

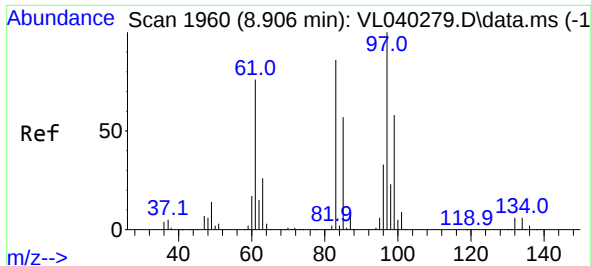
Ion Ratio Lower Upper

75 100

39 61.1 53.9 80.9

77 42.7 25.3 37.9#



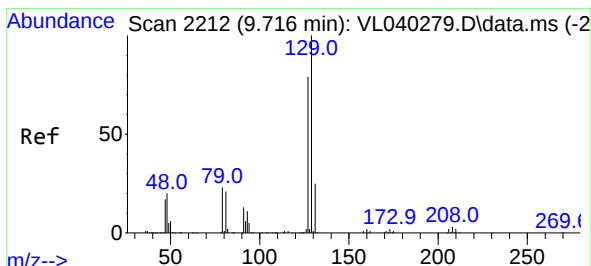
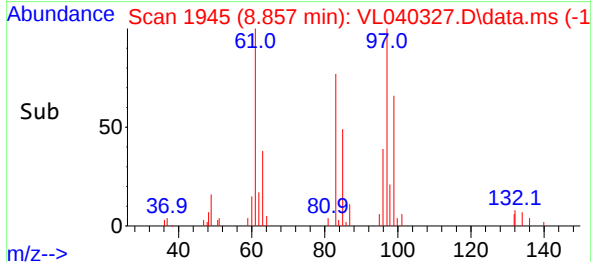
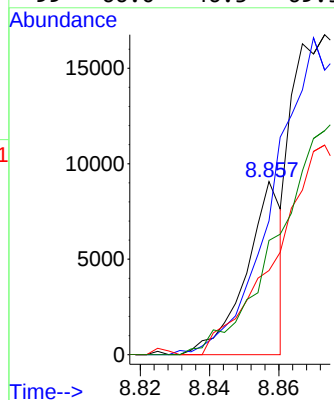
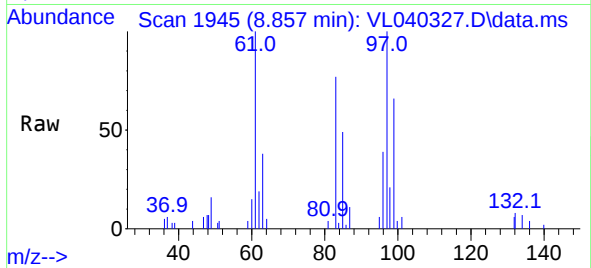


#47
1,1,2-Trichloroethane
Concen: 0.090 ppbv
RT: 8.857 min Scan# 1960
Delta R.T. -0.049 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

Tgt Ion: 97 Resp: 6559

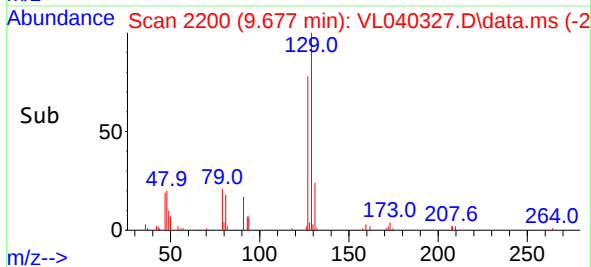
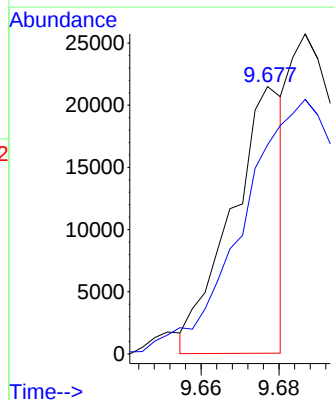
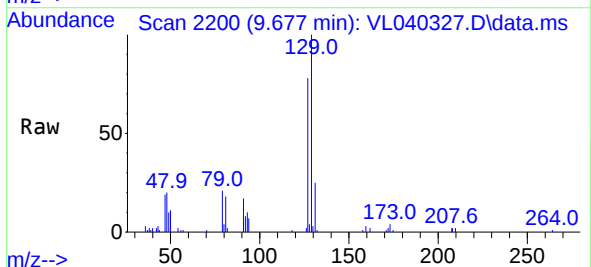
Ion	Ratio	Lower	Upper
97	100		
83	74.9	68.6	103.0
85	48.6	46.0	69.0
99	66.0	46.3	69.5

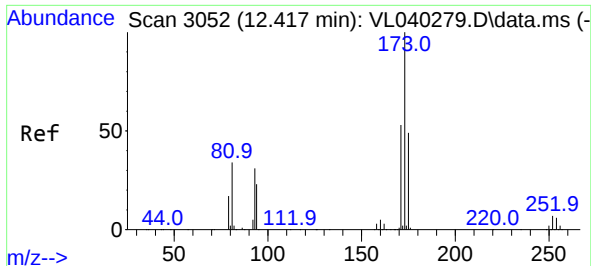


#48
Dibromochloromethane
Concen: 0.164 ppbv
RT: 9.677 min Scan# 2200
Delta R.T. -0.039 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 129 Resp: 19690

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.5

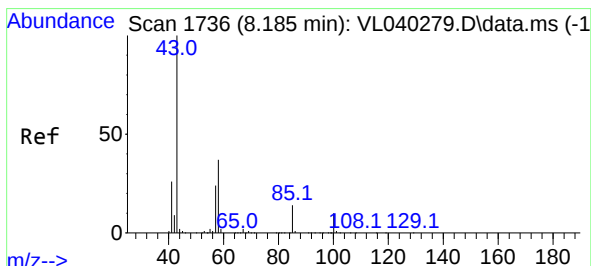
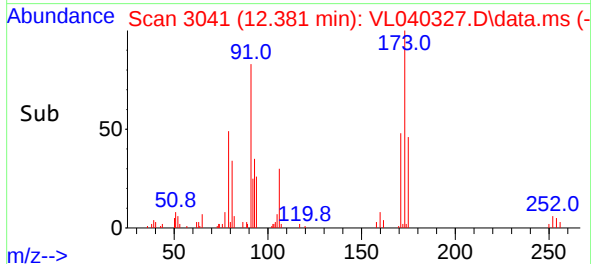
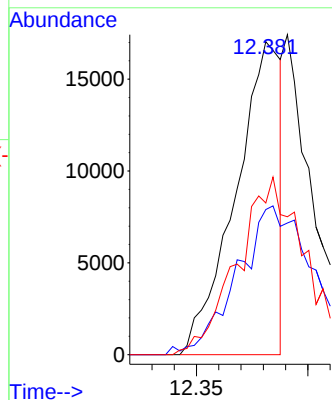
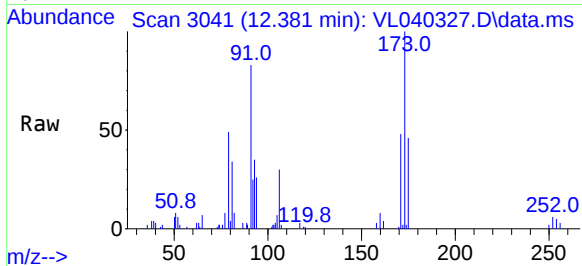




#49
Bromoform
Concen: 0.267 ppbv
RT: 12.381 min Scan# 3052
Delta R.T. -0.036 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

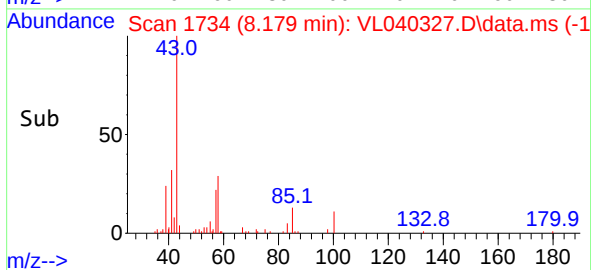
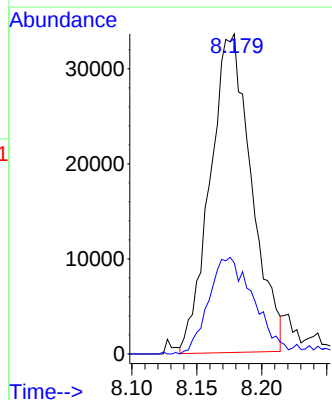
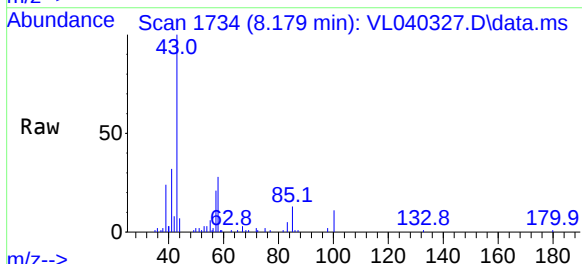
Instrument : MSVOA_1
ClientSampleId : LOQ-AIR-02-QT2-2023

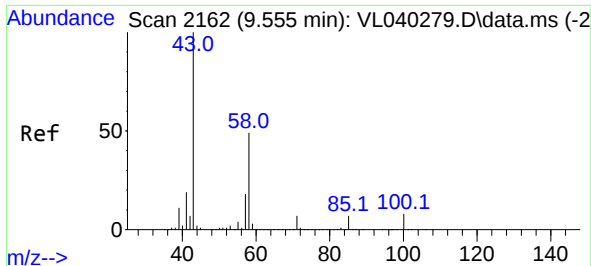
Tgt Ion:173 Resp: 24089
Ion Ratio Lower Upper
173 100
175 78.4 39.8 59.8#
171 87.4 42.2 63.4#



#50
4-Methyl-2-Pentanone
Concen: 0.424 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 43 Resp: 74160
Ion Ratio Lower Upper
43 100
58 35.1 29.2 43.8

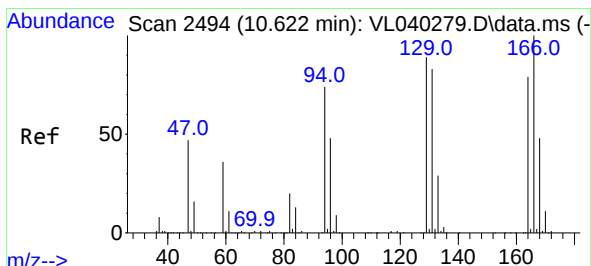
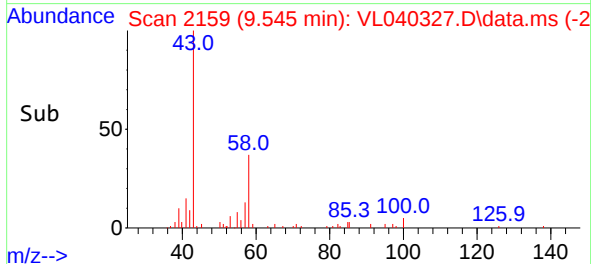
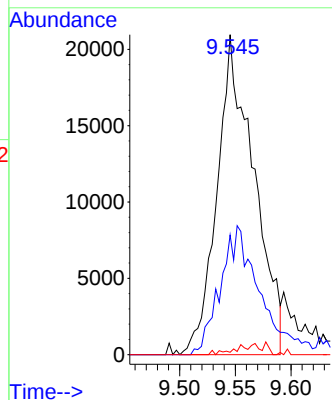
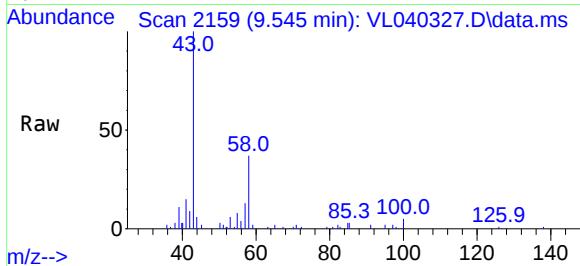




#51
2-Hexanone
Concen: 0.355 ppbv
RT: 9.545 min Scan# 2162
Delta R.T. -0.010 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

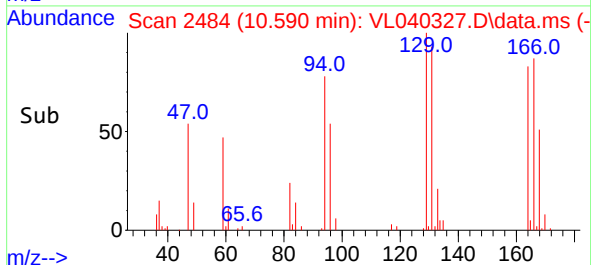
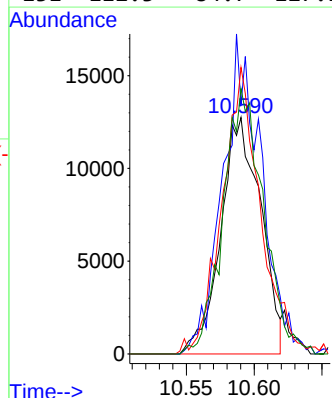
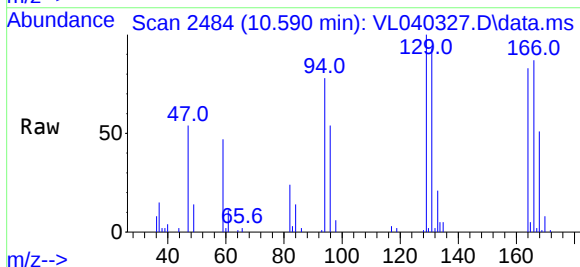
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

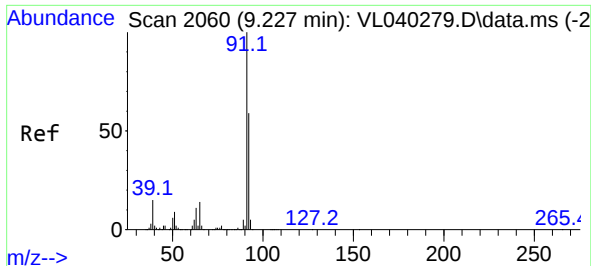
Tgt Ion: 43 Resp: 48129
Ion Ratio Lower Upper
43 100
58 43.4 38.0 57.0
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.493 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.032 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 164 Resp: 26045
Ion Ratio Lower Upper
164 100
166 105.5 101.8 152.6
129 123.0 90.2 135.2
131 112.3 84.7 127.1

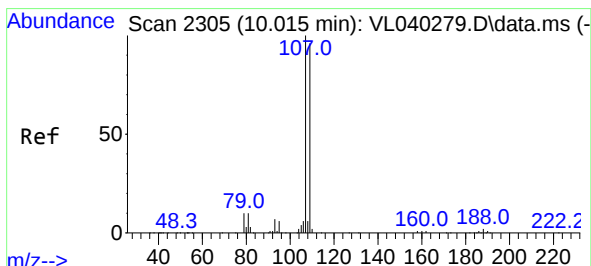
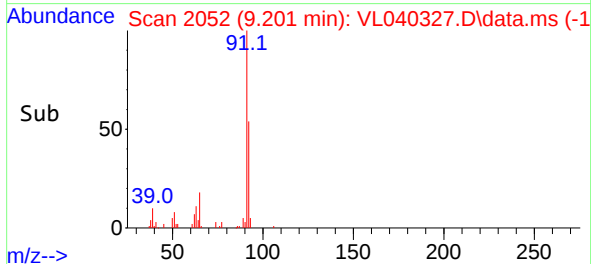
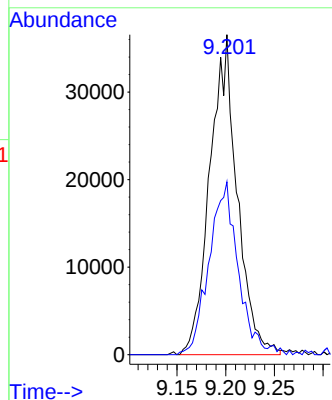
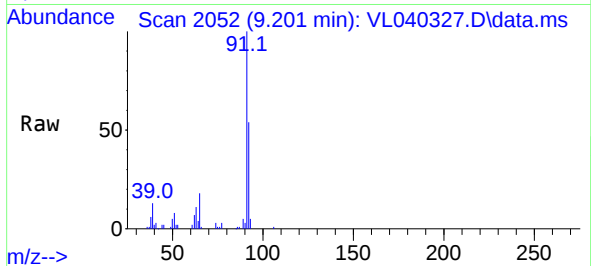




#53
Toluene
Concen: 0.390 ppbv
RT: 9.201 min Scan# 2060
Delta R.T. -0.026 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

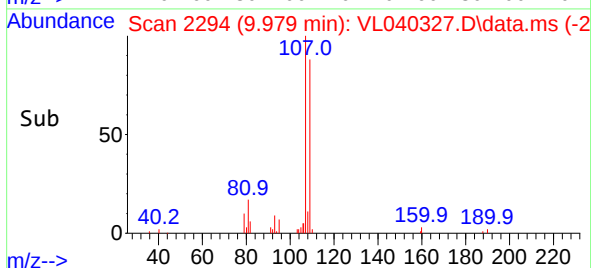
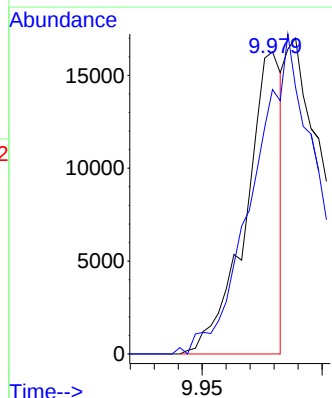
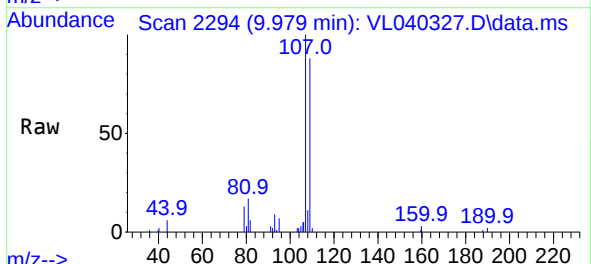
Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT2-2023

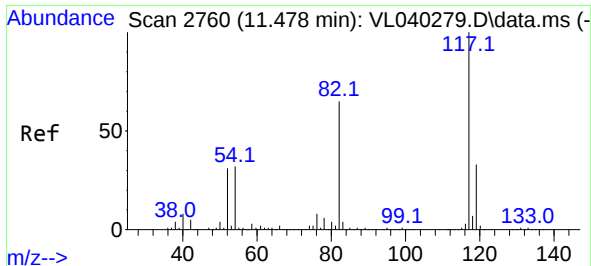
Tgt Ion: 91 Resp: 71301
Ion Ratio Lower Upper
91 100
92 57.8 48.0 72.0



#54
1,2-Dibromoethane
Concen: 0.225 ppbv
RT: 9.979 min Scan# 2294
Delta R.T. -0.036 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 107 Resp: 16908
Ion Ratio Lower Upper
107 100
109 86.4 77.0 115.6

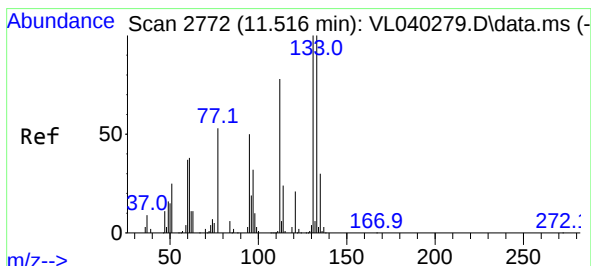
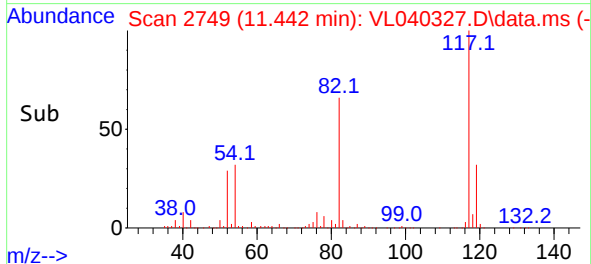
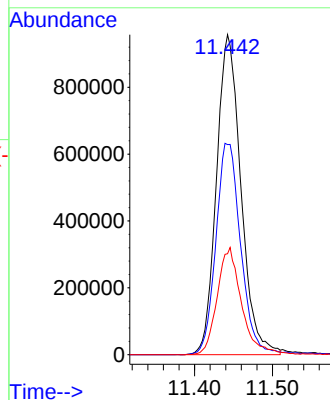
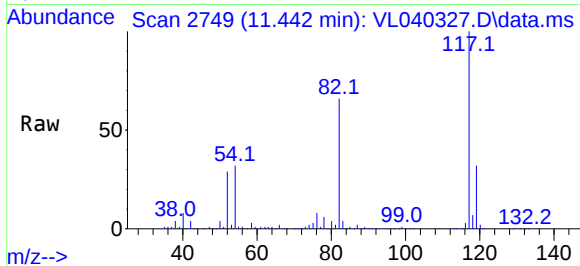




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. -0.036 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

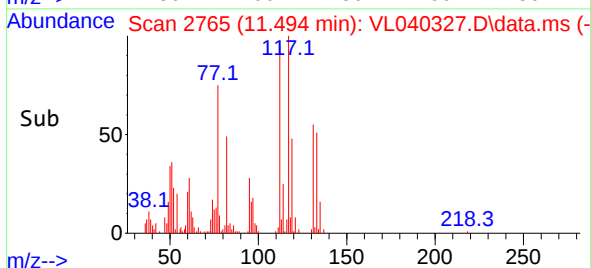
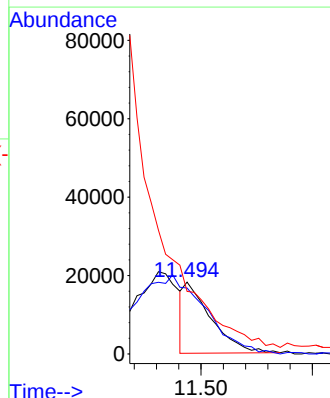
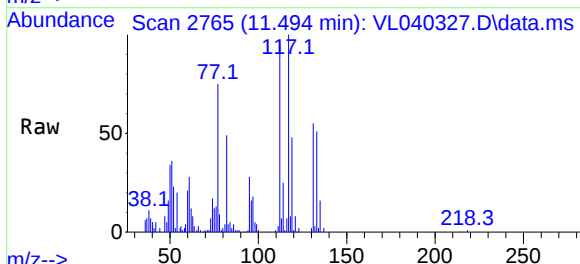
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

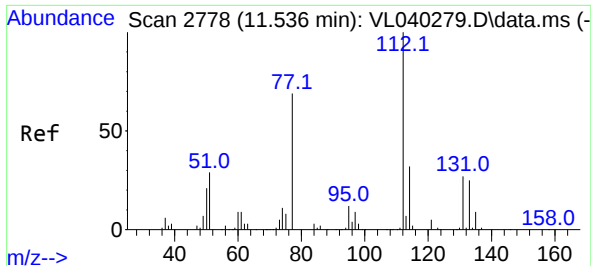
Tgt Ion:117 Resp: 2086023
Ion Ratio Lower Upper
117 100
82 67.9 51.4 77.2
119 33.6 24.0 36.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.173 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.022 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion:131 Resp: 15166
Ion Ratio Lower Upper
131 100
133 308.6 76.5 114.7#
119 0.0 47.9 71.9#

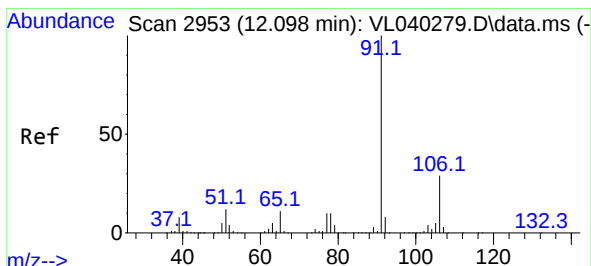
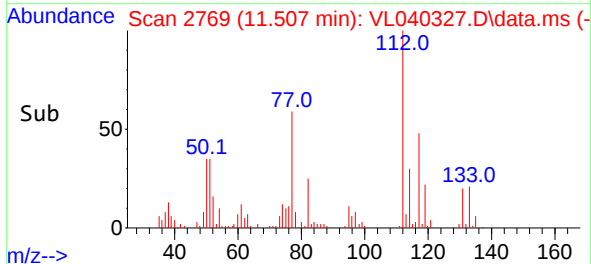
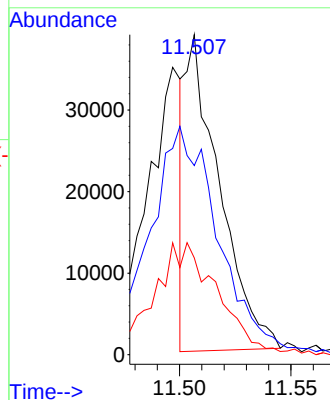
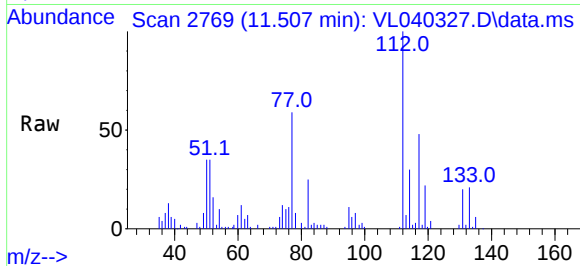




#57
Chlorobenzene
Concen: 0.278 ppbv
RT: 11.507 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

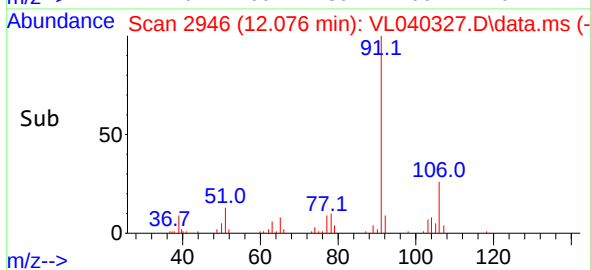
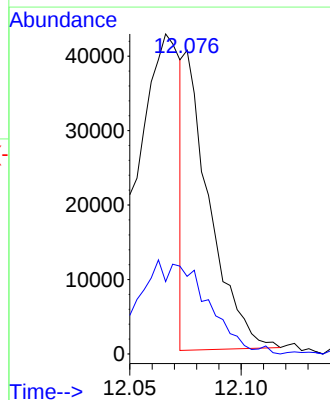
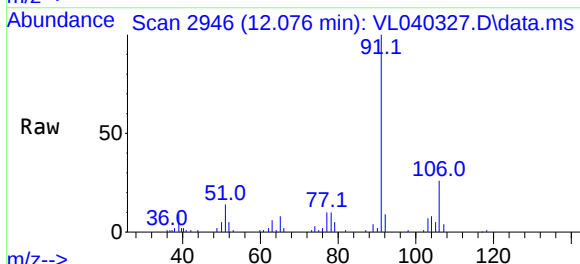
Instrument :
MSVOA_1
ClientSampleId :
LOQ-AIR-02-QT2-2023

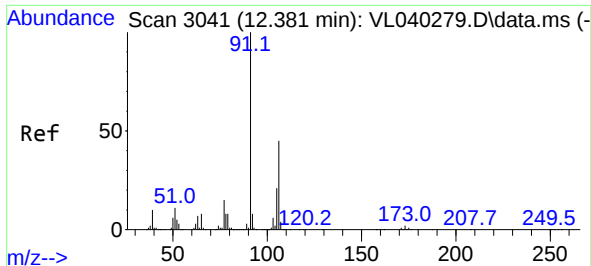
Tgt Ion:112 Resp: 41293
Ion Ratio Lower Upper
112 100
77 56.8 56.2 84.2
114 29.9 29.0 35.4



#58
Ethyl Benzene
Concen: 0.135 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.022 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 91 Resp: 32009
Ion Ratio Lower Upper
91 100
106 26.1 23.4 35.2





#59

m/p-Xylene

Concen: 0.539 ppbv

RT: 12.346 min Scan# 3041

Delta R.T. -0.035 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

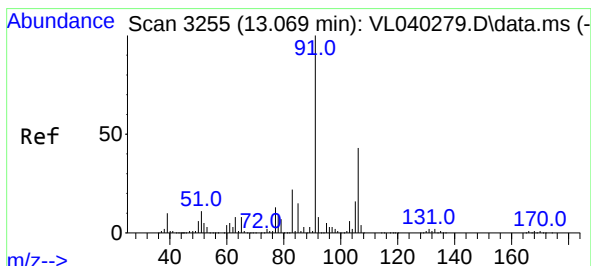
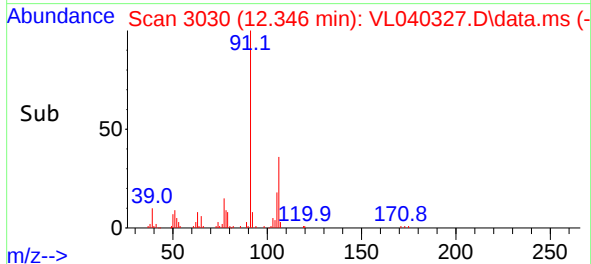
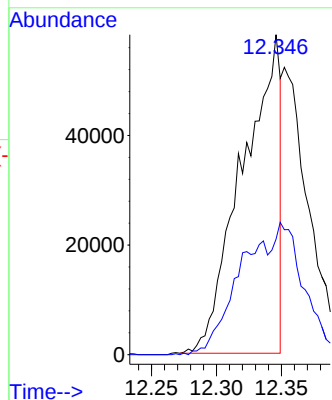
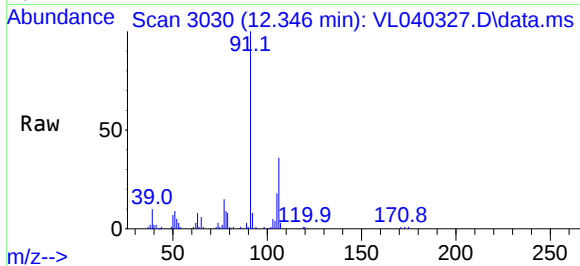
LOQ-AIR-02-QT2-2023

Tgt Ion: 91 Resp: 117384

Ion Ratio Lower Upper

91 100

106 0.0 34.0 51.0#



#60

o-Xylene

Concen: 0.422 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. -0.029 min

Lab File: VL040327.D

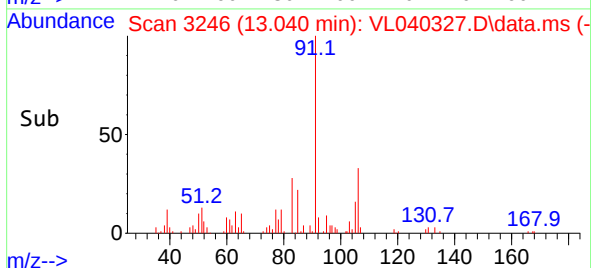
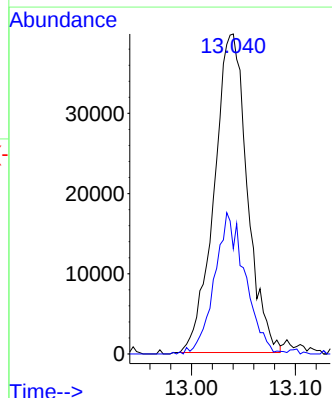
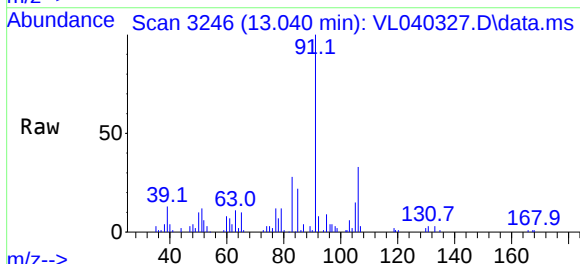
Acq: 10 Apr 2023 16:24

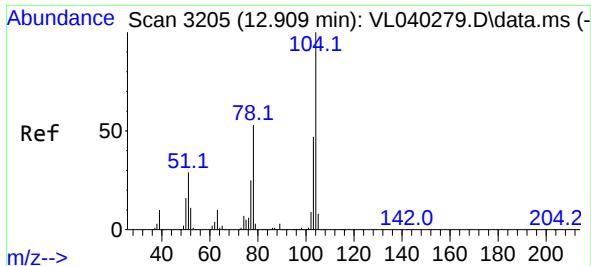
Tgt Ion: 91 Resp: 87870

Ion Ratio Lower Upper

91 100

106 41.2 21.7 65.1

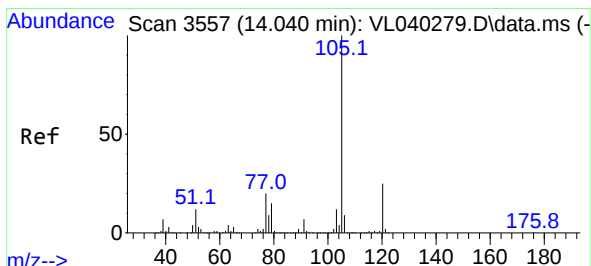
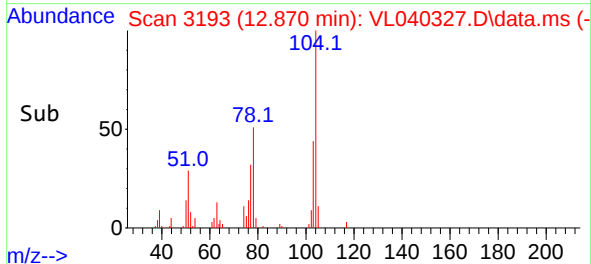
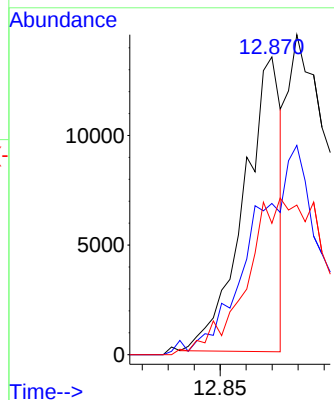
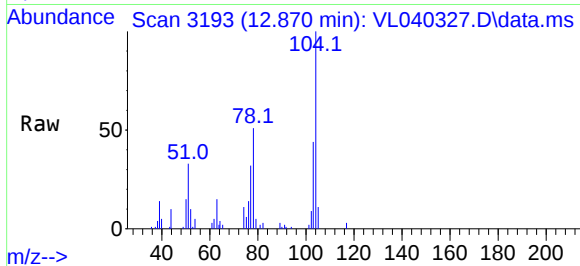




#61
Styrene
Concen: 0.126 ppbv
RT: 12.870 min Scan# 3193
Delta R.T. -0.039 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

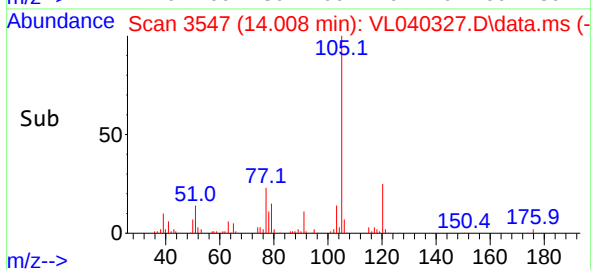
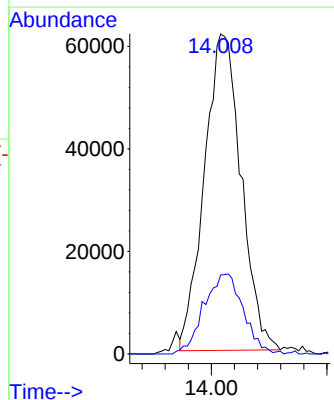
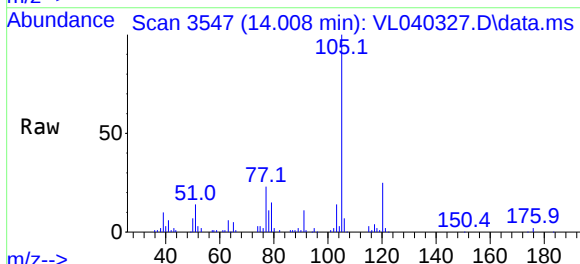
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

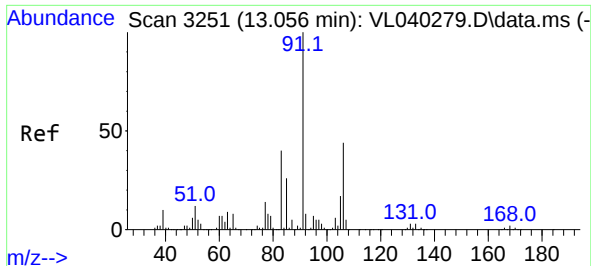
Tgt Ion:104 Resp: 13342
Ion Ratio Lower Upper
104 100
78 0.0 43.7 65.5#
103 121.4 37.4 56.2#



#62
Isopropylbenzene
Concen: 0.461 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.032 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion:105 Resp: 136496
Ion Ratio Lower Upper
105 100
120 27.1 19.9 29.9

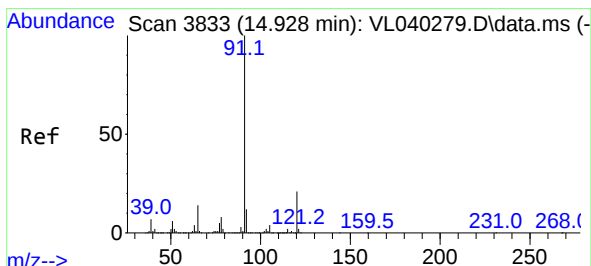
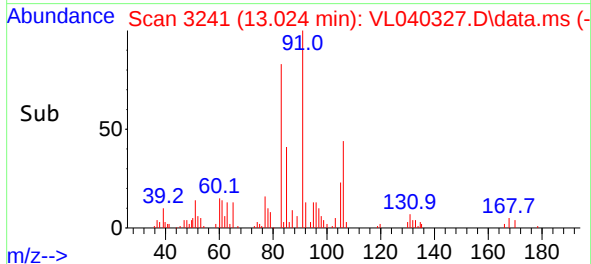
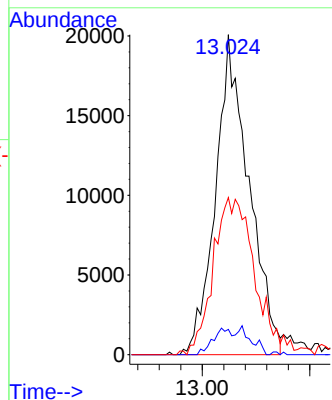
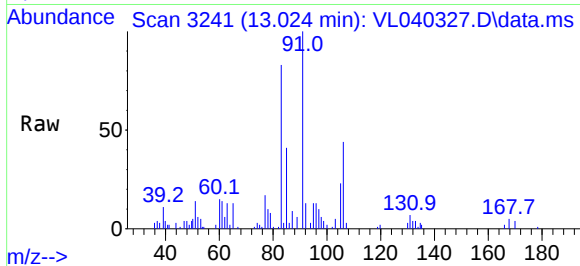




#63
1,1,2,2-Tetrachloroethane
Concen: 0.589 ppbv
RT: 13.024 min Scan# 3117
Delta R.T. -0.032 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

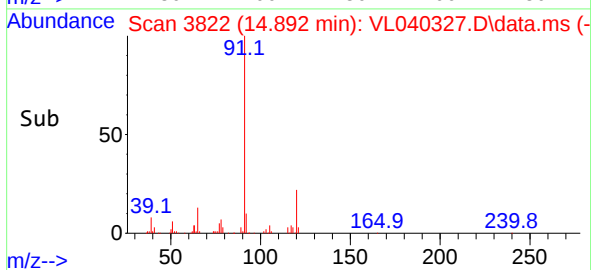
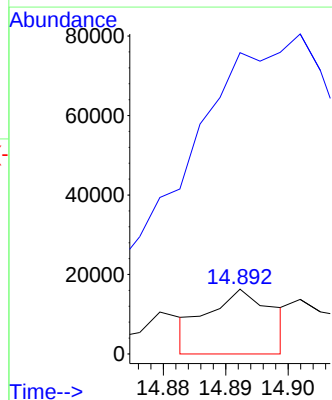
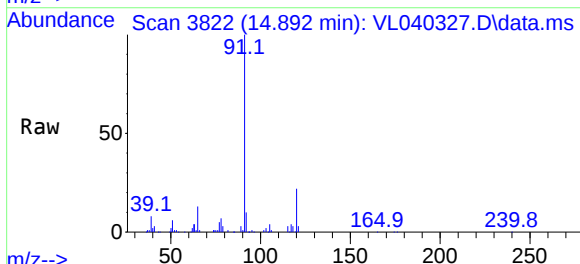
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

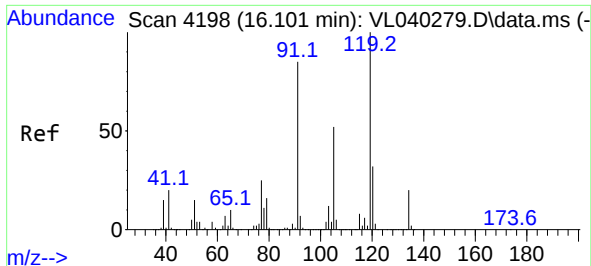
Tgt Ion: 83 Resp: 43117
Ion Ratio Lower Upper
83 100
131 8.9 4.3 12.9
85 62.1 32.7 98.1



#64
n-propylbenzene
Concen: 0.162 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. -0.036 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 120 Resp: 11778
Ion Ratio Lower Upper
120 100
91 0.0 399.0 598.6#

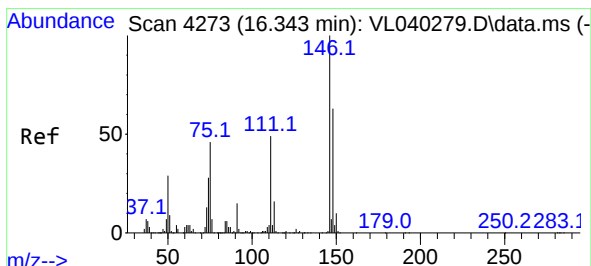
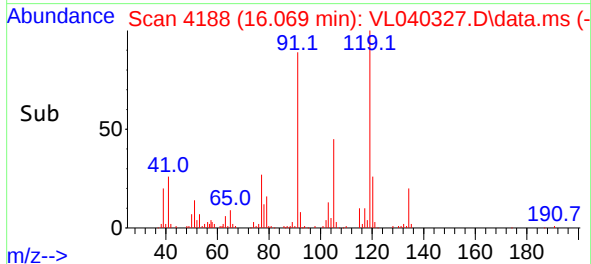
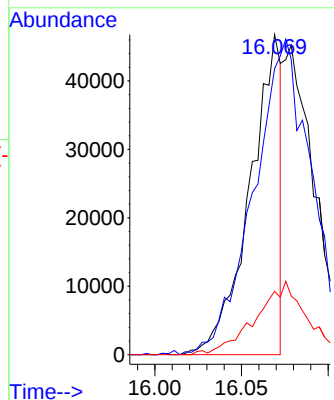
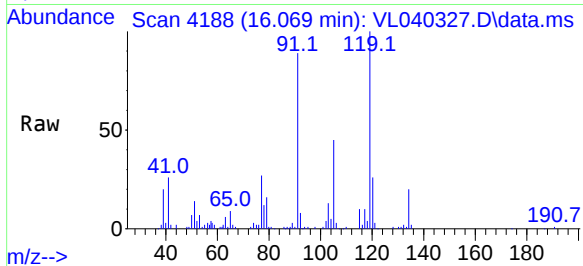




#65
tert-Butylbenzene
Concen: 0.229 ppbv
RT: 16.069 min Scan# 4198
Delta R.T. -0.032 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

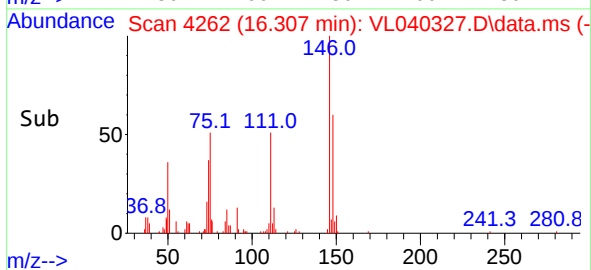
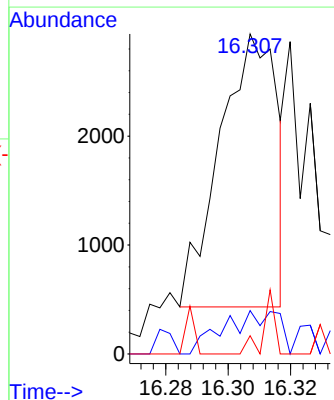
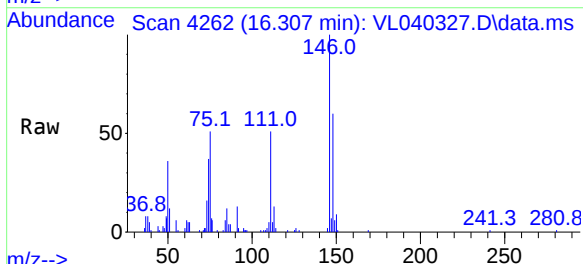
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

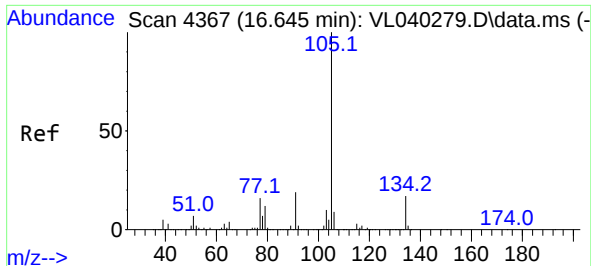
Tgt Ion:119 Resp: 58385
Ion Ratio Lower Upper
119 100
91 0.0 69.4 104.2#
134 0.0 15.8 23.6#



#66
Benzyl Chloride
Concen: 0.192 ppbv
RT: 16.307 min Scan# 4262
Delta R.T. -0.036 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 91 Resp: 3181
Ion Ratio Lower Upper
91 100
126 24.3 12.1 18.1#
128 0.0 3.8 5.6#

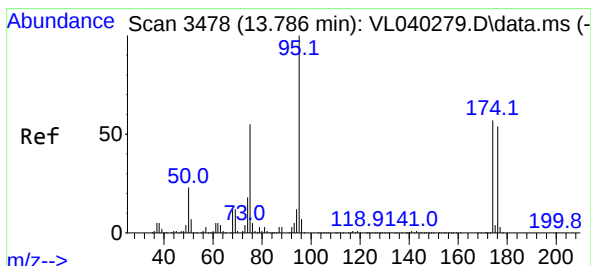
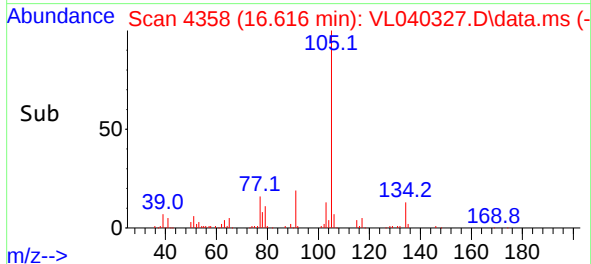
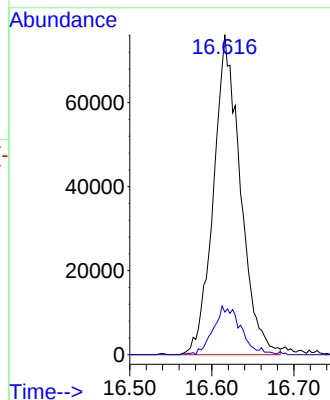
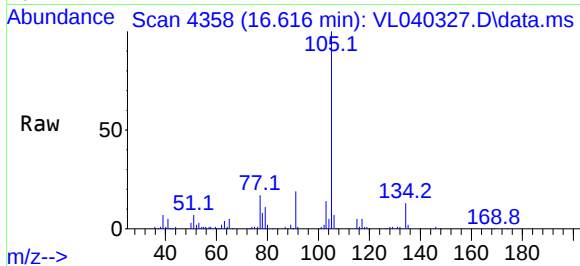




#67
 sec-Butylbenzene
 Concen: 0.477 ppbv
 RT: 16.616 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

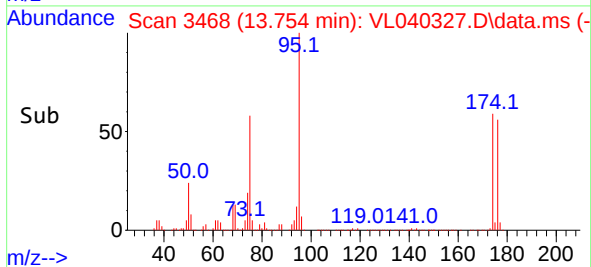
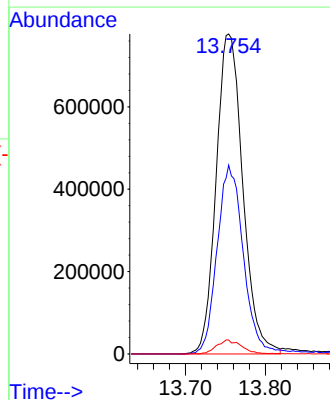
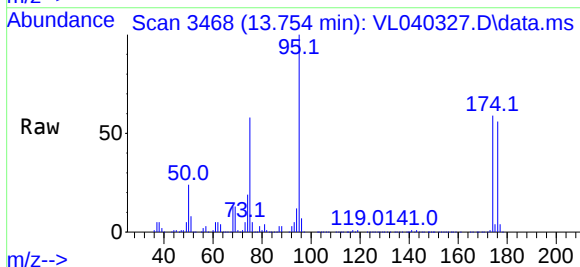
Instrument :
 MSVOA_1
 ClientSampleId :
 LOQ-AIR-02-QT2-2023

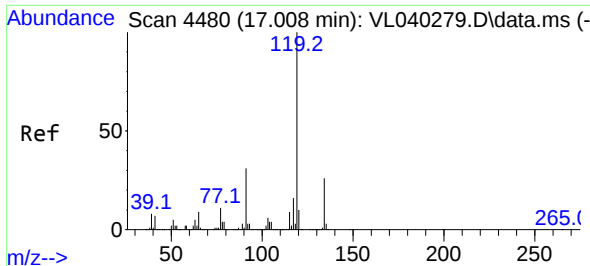
Tgt Ion:105 Resp: 174058
 Ion Ratio Lower Upper
 105 100
 134 15.7 14.0 21.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.295 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. -0.032 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

Tgt Ion: 95 Resp: 1798447
 Ion Ratio Lower Upper
 95 100
 174 58.9 47.0 70.6
 175 4.2 3.4 5.2

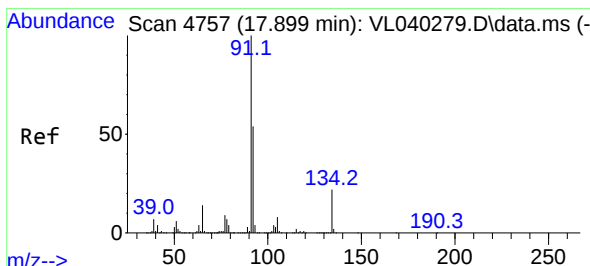
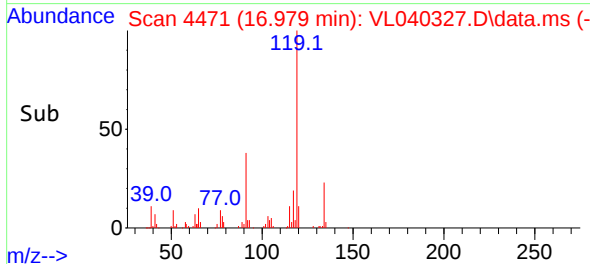
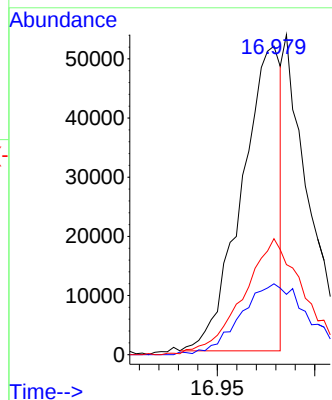
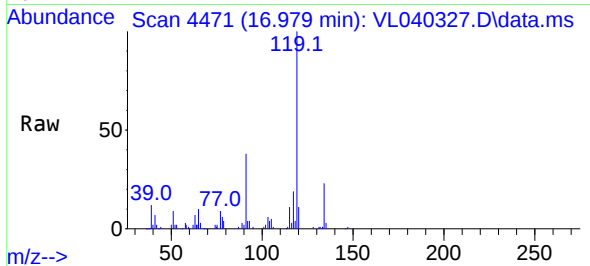




#69
p-Isopropyltoluene
Concen: 0.253 ppbv
RT: 16.979 min Scan# 4480
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

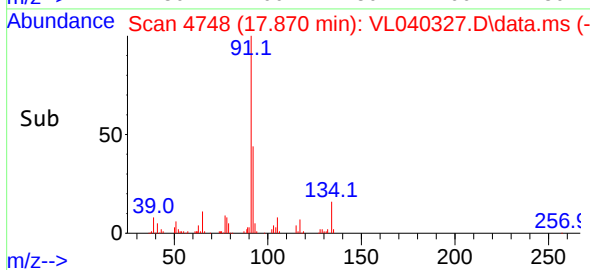
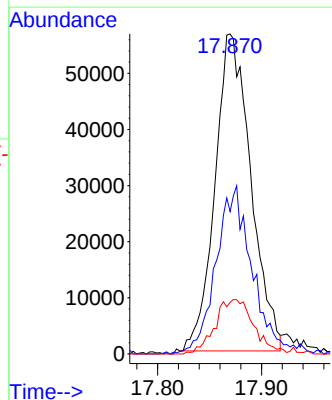
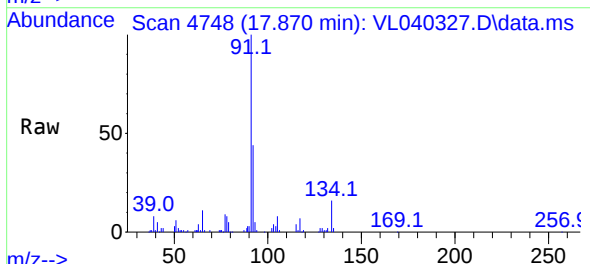
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

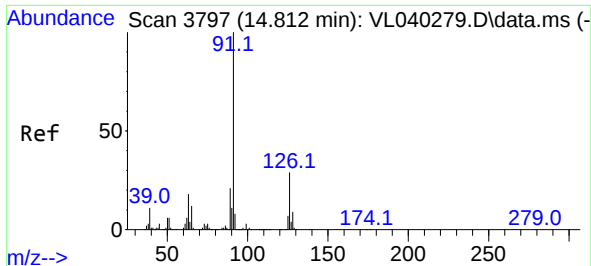
Tgt Ion:119 Resp: 71991
Ion Ratio Lower Upper
119 100
134 41.9 20.2 30.2#
91 62.3 25.1 37.7#



#70
n-Butylbenzene
Concen: 0.433 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 91 Resp: 135648
Ion Ratio Lower Upper
91 100
92 53.8 42.9 64.3
134 19.0 16.8 25.2

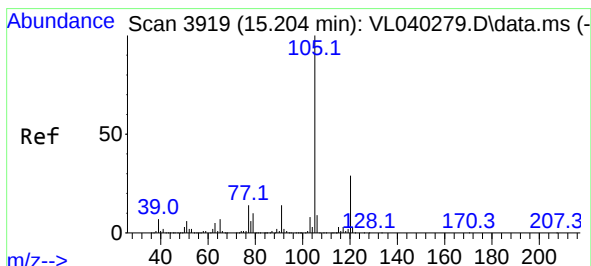
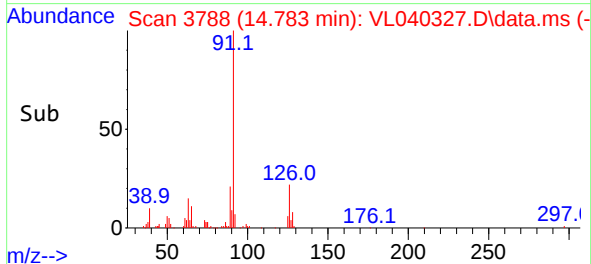
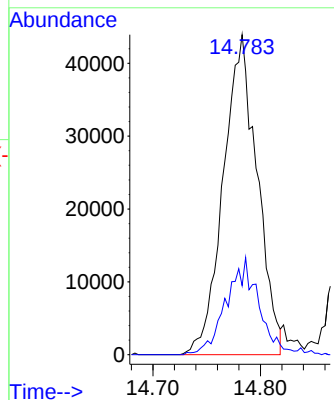
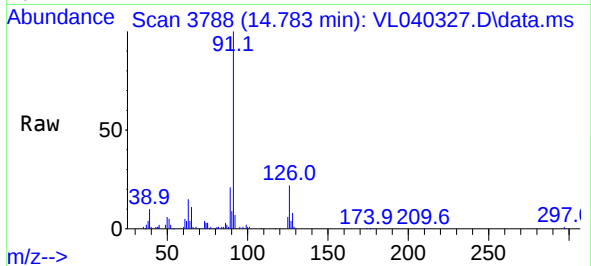




#71
2-Chlorotoluene
Concen: 0.426 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

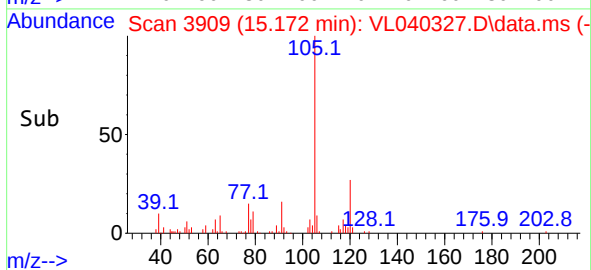
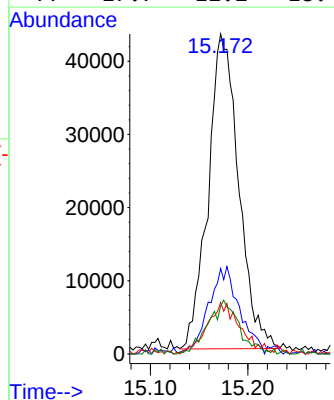
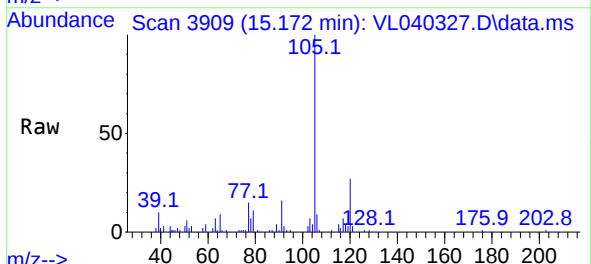
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

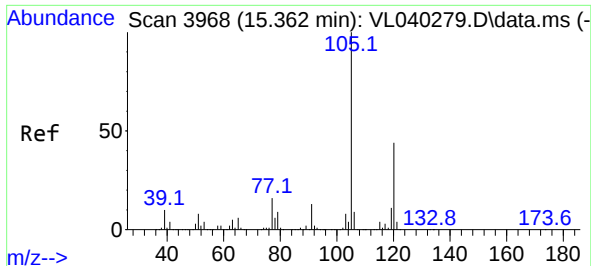
Tgt Ion: 91 Resp: 96149
Ion Ratio Lower Upper
91 100
126 29.5 11.8 47.4



#72
4-Ethyltoluene
Concen: 0.412 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. -0.032 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 105 Resp: 93700
Ion Ratio Lower Upper
105 100
120 29.6 23.7 35.5
91 18.3 11.6 17.4#
77 17.7 12.2 18.4

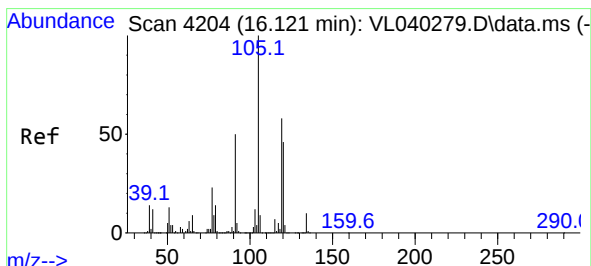
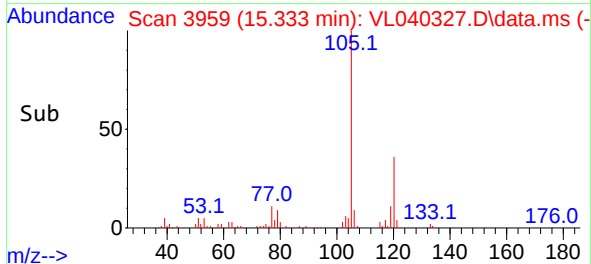
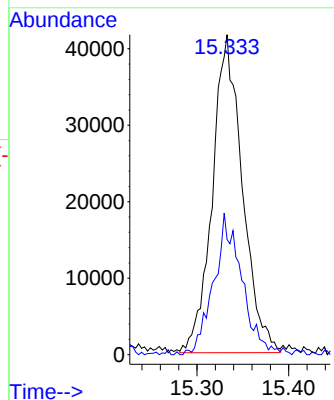
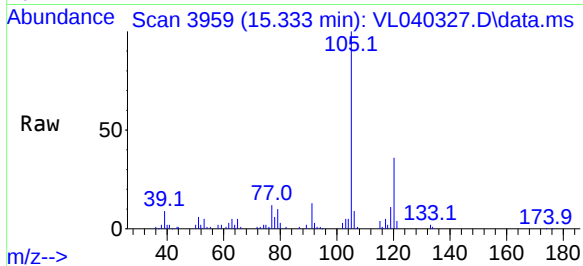




#73
1,3,5-Trimethylbenzene
Concen: 0.459 ppbv
RT: 15.333 min Scan# 3968
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

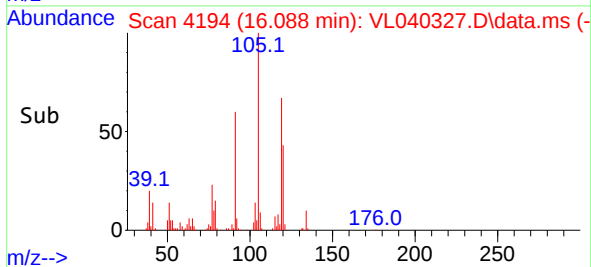
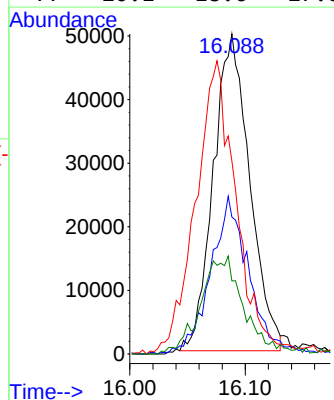
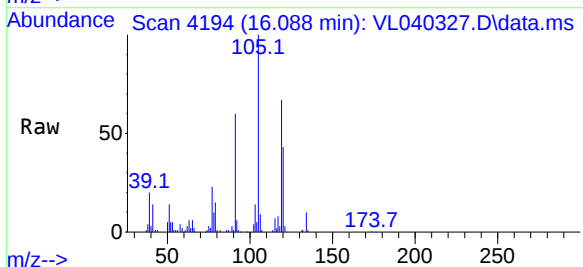
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

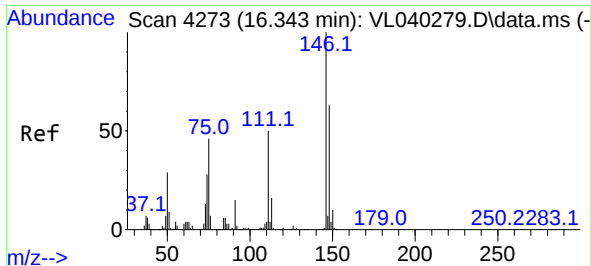
Tgt Ion:105 Resp: 94636
Ion Ratio Lower Upper
105 100
120 36.4 34.9 52.3



#74
1,2,4-Trimethylbenzene
Concen: 0.464 ppbv
RT: 16.088 min Scan# 4194
Delta R.T. -0.033 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion:105 Resp: 108944
Ion Ratio Lower Upper
105 100
120 40.7 36.6 54.8
91 57.9 39.9 59.9
77 20.1 18.6 27.8

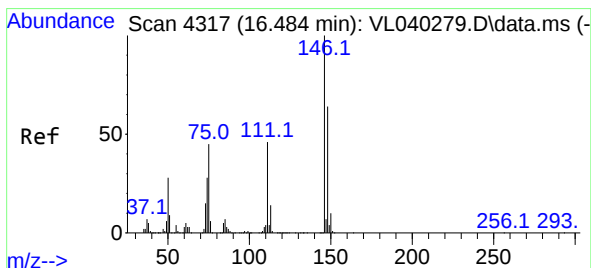
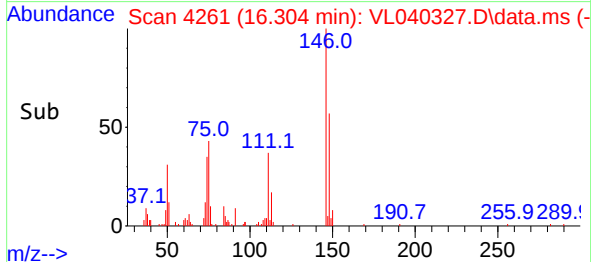
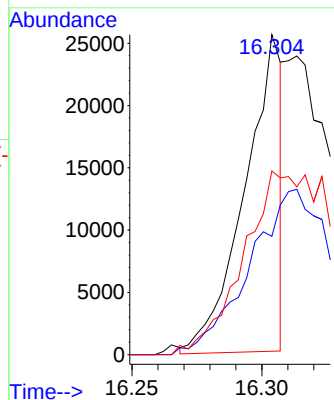
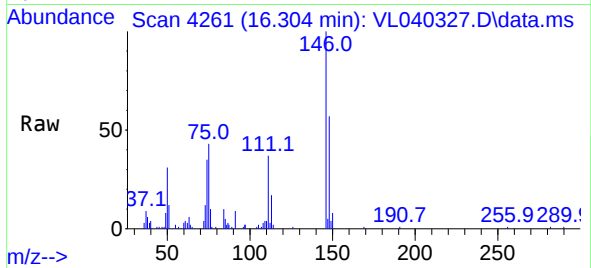




#75
1,3-Dichlorobenzene
Concen: 0.198 ppbv
RT: 16.304 min Scan# 41
Delta R.T. -0.039 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

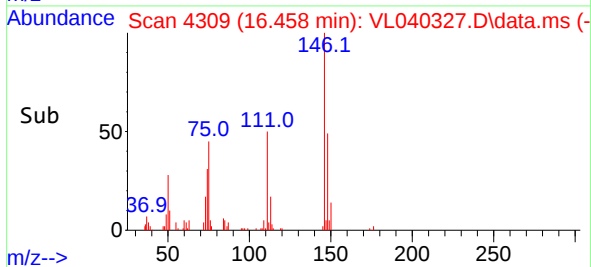
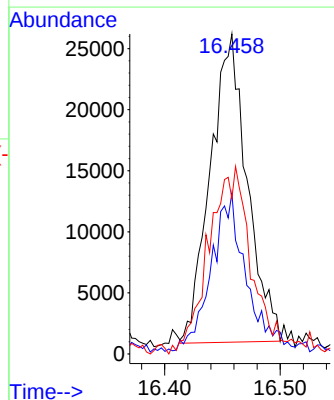
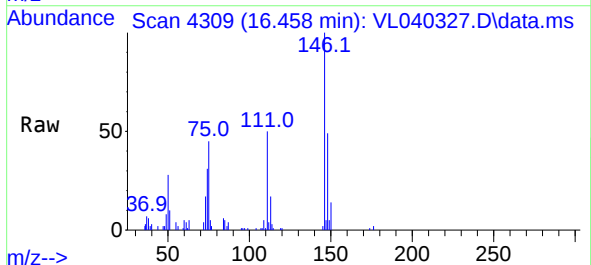
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

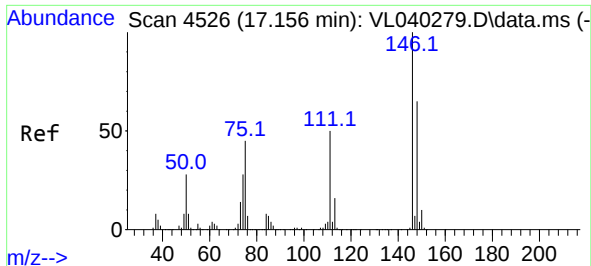
Tgt Ion:146 Resp: 25256
Ion Ratio Lower Upper
146 100
111 0.0 24.3 73.0#
148 159.6 31.9 95.5#



#76
1,4-Dichlorobenzene
Concen: 0.461 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. -0.026 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion:146 Resp: 55961
Ion Ratio Lower Upper
146 100
111 52.0 23.8 71.2
148 74.7 32.5 97.5

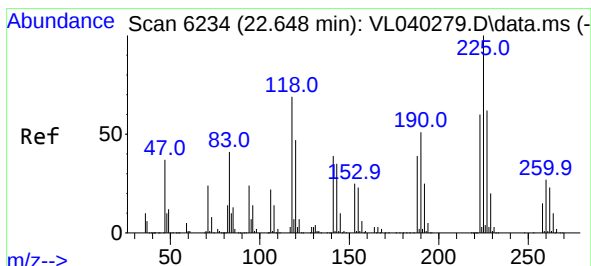
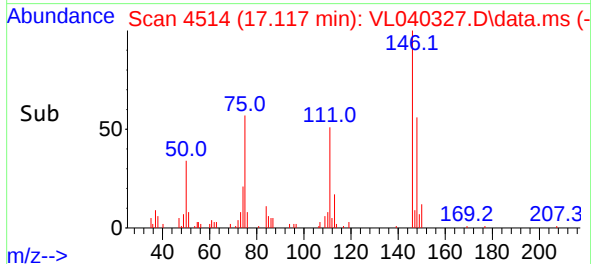
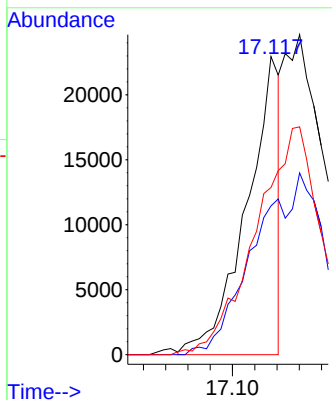
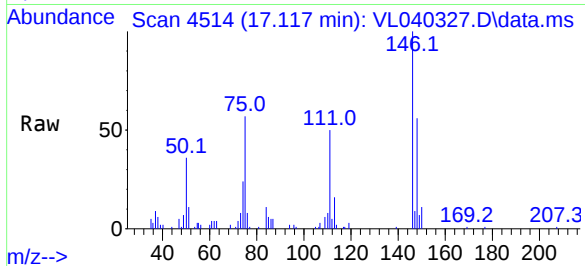




#77
1,2-Dichlorobenzene
Concen: 0.194 ppbv
RT: 17.117 min Scan# 41
Delta R.T. -0.039 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

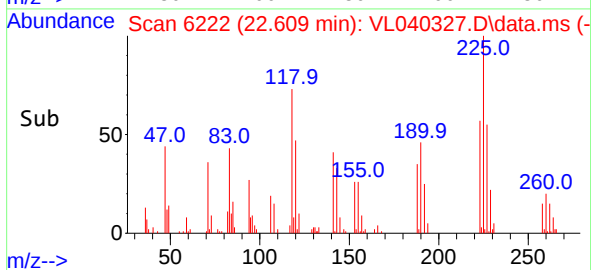
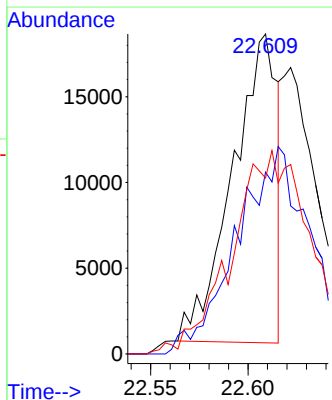
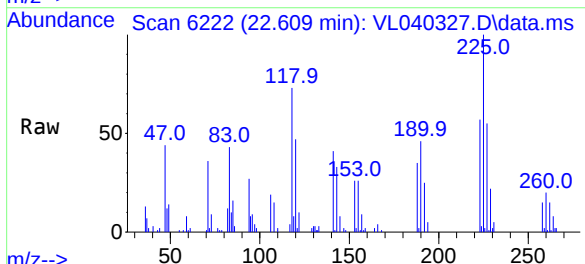
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

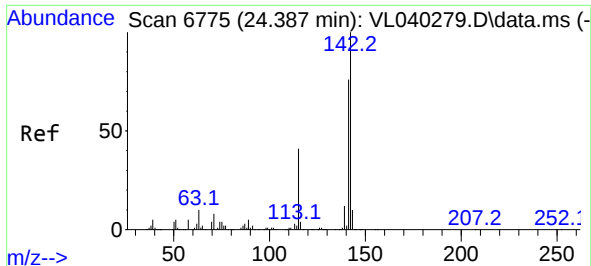
Tgt Ion:146 Resp: 23685
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6#
148 0.0 32.1 96.3#



#78
Hexachloro-1,3-Butadiene
Concen: 0.318 ppbv
RT: 22.609 min Scan# 6222
Delta R.T. -0.039 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion:225 Resp: 28550
Ion Ratio Lower Upper
225 100
223 115.2 51.0 76.6#
227 121.4 51.4 77.2#

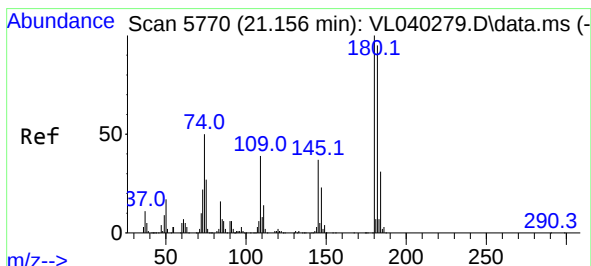
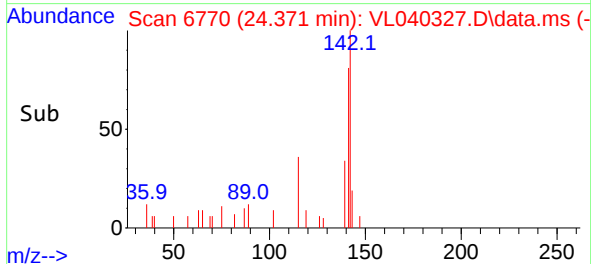
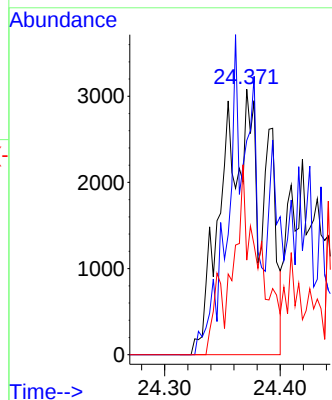
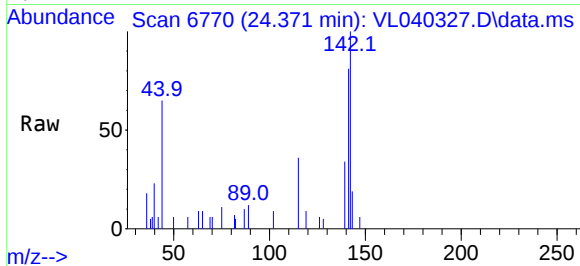




#80
Naphthalene, 2-methyl-
Concen: 0.223 ppbv
RT: 24.371 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

Tgt Ion:	142	Resp:	7847
Ion	Ratio	Lower	Upper
142	100		
141	86.4	65.5	98.3
115	46.3	33.5	50.3



#81
1,2,4-Trichlorobenzene
Concen: 0.399 ppbv
RT: 21.133 min Scan# 5763
Delta R.T. -0.023 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion:	180	Resp:	34144
Ion	Ratio	Lower	Upper
180	100		
182	102.0	76.1	114.1
184	30.6	24.4	36.6

