

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040538.D
 Acq On : 14 Jul 2023 22:40
 Operator : SY/MD
 Sample : 03572-14 0.5 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2023

Quant Time: Jul 16 23:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	939746	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.648	114	2528986	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.465	117	2213290	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1740214	9.935	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	101334	0.539	ppbv	96
3) Chlorodifluoromethane	2.678	51	79332	0.533	ppbv	98
4) Chloromethane	2.813	50	33079	0.561	ppbv	99
5) Vinyl Chloride	2.915	62	29648	0.478	ppbv #	85
6) Bromomethane	3.118	94	13059	0.499	ppbv	97
7) Chloroethane	3.192	64	12021	0.553	ppbv	92
8) Dichlorotetrafluoroethane	2.858	85	79628	0.515	ppbv	95
9) Propene	2.690	41	24266	0.476	ppbv	97
10) Heptane	7.578	43	49918	0.443	ppbv	98
11) Trichlorofluoromethane	3.562	101	80564	0.531	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	55172	0.516	ppbv	99
13) Ethanol	3.247	45	1414	0.127	ppbv #	37
14) Bromoethene	3.369	108	8694	0.189	ppbv #	1
15) Acetone	3.481	43	61583	0.569	ppbv	94
16) 1,3-Butadiene	2.983	39	27530	0.504	ppbv	96
17) tert-Butyl alcohol	3.890	59	52166	0.466	ppbv	99
18) 1,1-Dichloroethene	3.880	96	25321	0.516	ppbv	90
19) Isopropyl Alcohol	3.591	45	28447	0.458	ppbv #	88
20) Methylene Chloride	3.931	84	26496	0.576	ppbv #	88
21) Allyl Chloride	3.999	41	30148	0.488	ppbv	93
22) trans-1,2-Dichloroethene	4.443	96	23222	0.479	ppbv	90
23) Vinyl Acetate	4.629	43	49685	0.482	ppbv #	97
24) 1,1-Dichloroethane	4.558	63	53816	0.514	ppbv	99
25) Ethyl Acetate	5.208	43	100175	0.486	ppbv	97
26) Hexane	5.208	57	46965	0.491	ppbv	90
27) Carbon Disulfide	4.121	76	42420	0.377	ppbv #	83
28) Methyl tert-Butyl Ether	4.597	73	37956	0.493	ppbv	94
29) Chloroform	5.272	83	83340	0.525	ppbv	97
30) Cyclohexane	6.594	84	17155	0.215	ppbv #	1
31) cis-1,2-Dichloroethene	5.076	61	42850	0.453	ppbv	93
32) 1,1,1-Trichloroethane	5.999	97	73747	0.475	ppbv	96
34) 2-Butanone	4.800	43	59131	0.473	ppbv	98
35) Carbon Tetrachloride	6.494	117	71812	0.472	ppbv	92
36) Benzene	6.369	78	95992	0.472	ppbv	99
37) 1,2-Dichloroethane	5.803	62	55893	0.467	ppbv #	96
38) Trichloroethene	7.288	130	24426	0.317	ppbv	95
39) 1,2-Dichloropropane	7.070	63	23210	0.296	ppbv	89
40) 1,4-Dioxane	7.324	88	1705	0.070	ppbv #	1
41) Tetrahydrofuran	5.578	42	27025	0.371	ppbv	93
42) Bromodichloromethane	7.246	83	72716	0.437	ppbv #	89
43) Methyl Methacrylate	7.475	69	14627	0.192	ppbv #	1
44) 2,2,4-Trimethylpentane	7.327	57	91623	0.280	ppbv #	56
45) t-1,3-Dichloropropene	8.706	75	7592	0.155	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040538.D
 Acq On : 14 Jul 2023 22:40
 Operator : SY/MD
 Sample : 03572-14 0.5 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2023

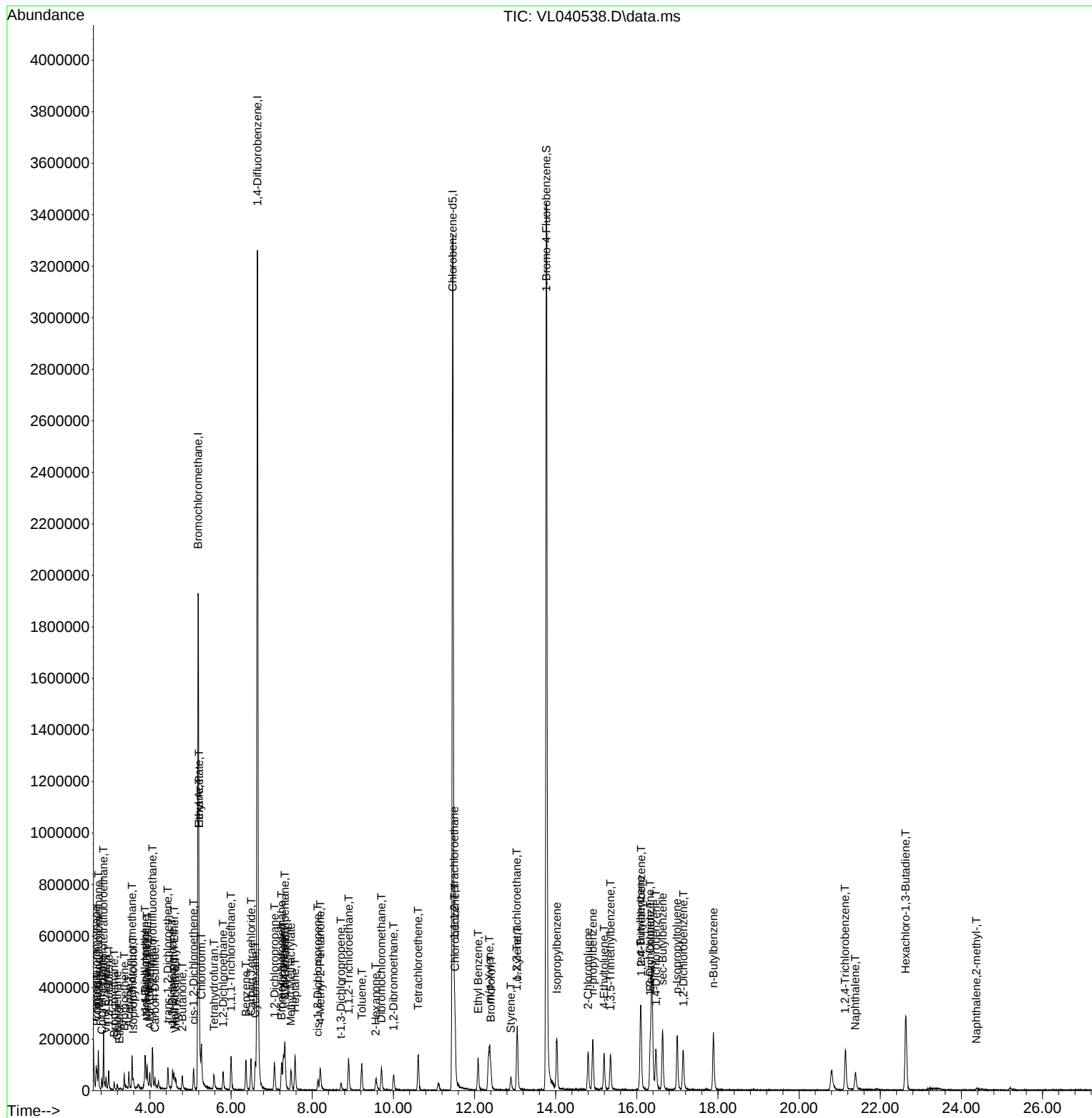
Quant Time: Jul 16 23:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

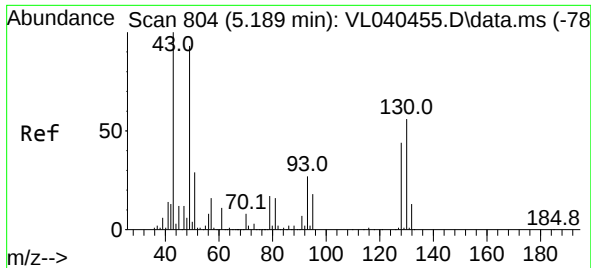
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	16265	0.259	ppbv #	78
47) 1,1,2-Trichloroethane	8.899	97	42520	0.492	ppbv #	86
48) Dibromochloromethane	9.706	129	51412	0.385	ppbv	97
49) Bromoform	12.404	173	28698	0.271	ppbv #	74
50) 4-Methyl-2-Pentanone	8.201	43	71168	0.392	ppbv	91
51) 2-Hexanone	9.565	43	14814	0.115	ppbv #	28
52) Tetrachloroethene	10.613	164	18499	0.281	ppbv	97
53) Toluene	9.224	91	80905	0.366	ppbv	98
54) 1,2-Dibromoethane	10.005	107	47969	0.447	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.504	131	32567	0.329	ppbv #	37
57) Chlorobenzene	11.523	112	90198	0.523	ppbv	91
58) Ethyl Benzene	12.092	91	98121	0.353	ppbv	90
59) m/p-Xylene	12.365	91	120861	0.488	ppbv #	51
60) o-Xylene	13.053	91	95464	0.404	ppbv	97
61) Styrene	12.896	104	18435	0.169	ppbv #	48
62) Isopropylbenzene	14.028	105	162186	0.458	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.044	83	84905	0.513	ppbv	96
64) n-propylbenzene	14.915	120	40036	0.437	ppbv	80
65) tert-Butylbenzene	16.089	119	137990	0.440	ppbv	93
66) Benzyl Chloride	16.333	91	2771	0.125	ppbv #	63
67) sec-Butylbenzene	16.635	105	209640	0.455	ppbv	98
69) p-Isopropyltoluene	16.989	119	67167	0.177	ppbv #	47
70) n-Butylbenzene	17.889	91	176610	0.416	ppbv	97
71) 2-Chlorotoluene	14.796	91	110970	0.407	ppbv	97
72) 4-Ethyltoluene	15.191	105	103178	0.373	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.349	105	55277	0.227	ppbv	87
74) 1,2,4-Trimethylbenzene	16.108	105	131373	0.462	ppbv	89
75) 1,3-Dichlorobenzene	16.326	146	42673	0.247	ppbv #	18
76) 1,4-Dichlorobenzene	16.471	146	43185	0.255	ppbv #	24
77) 1,2-Dichlorobenzene	17.146	146	82608	0.501	ppbv	97
78) Hexachloro-1,3-Butadiene	22.625	225	14193	0.092	ppbv #	1
79) Naphthalene	21.381	128	30858	0.128	ppbv	97
80) Naphthalene,2-methyl-	24.368	142	5150	0.052	ppbv #	79
81) 1,2,4-Trichlorobenzene	21.130	180	19595	0.118	ppbv #	12

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

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

Quant Time: Jul 16 23:34:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

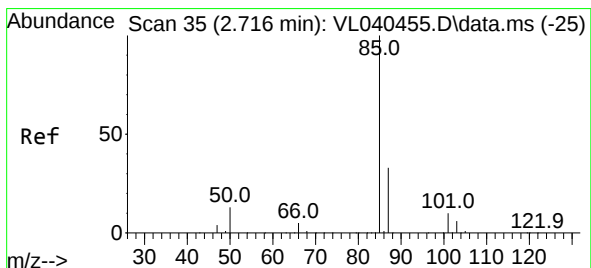
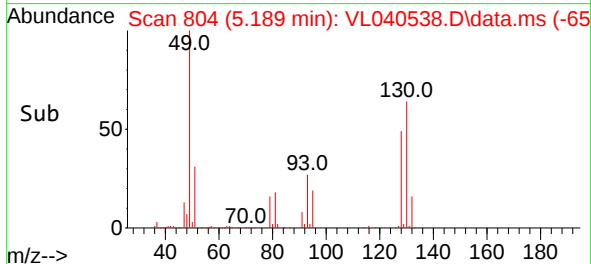
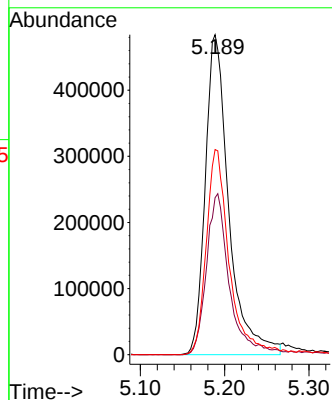
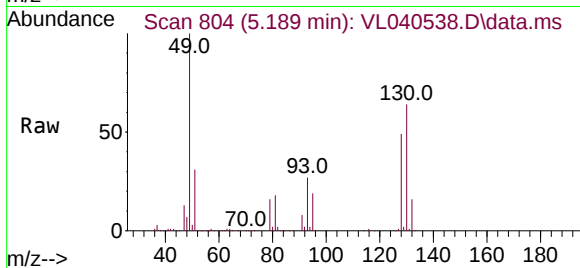




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.189 min Scan# 804
 Delta R.T. -0.013 min
 Lab File: VL040538.D
 Acq: 14 Jul 2023 22:40

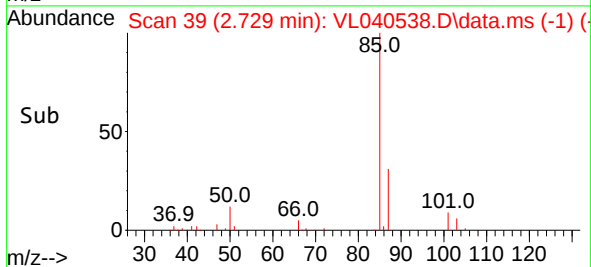
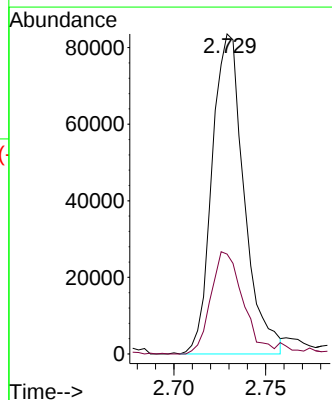
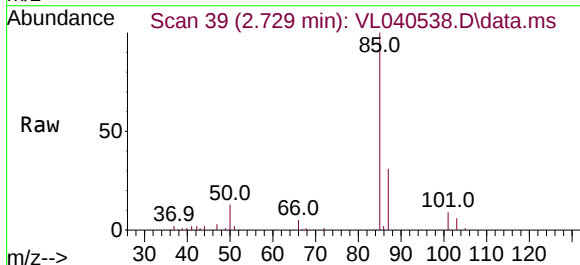
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2023

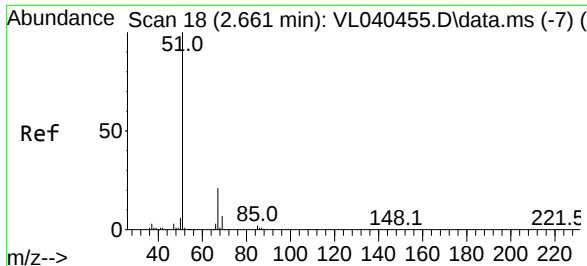
Tgt Ion: 49 Resp: 939746
 Ion Ratio Lower Upper
 49 100
 128 49.5 25.1 75.4
 130 64.5 31.6 94.7



#2
 Dichlorodifluoromethane
 Concen: 0.539 ppbv
 RT: 2.729 min Scan# 39
 Delta R.T. -0.010 min
 Lab File: VL040538.D
 Acq: 14 Jul 2023 22:40

Tgt Ion: 85 Resp: 101334
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.8 40.2

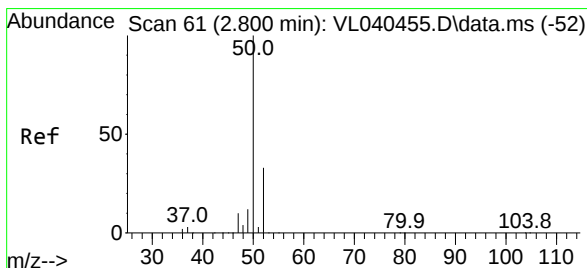
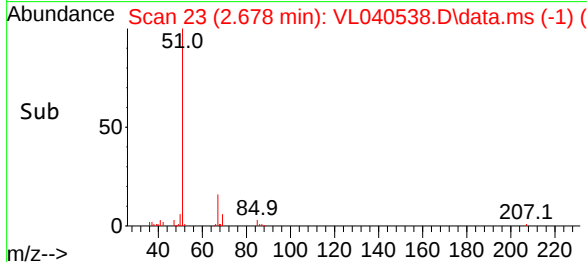
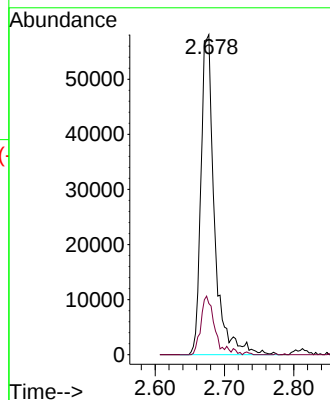
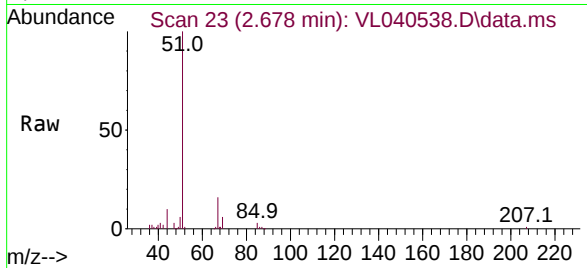




#3
Chlorodifluoromethane
Concen: 0.533 ppbv
RT: 2.678 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

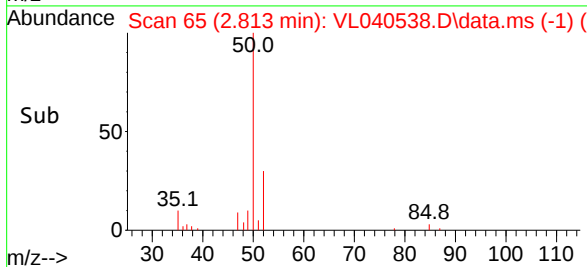
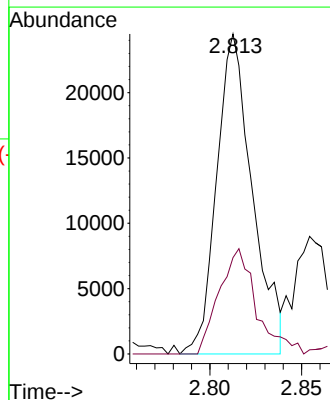
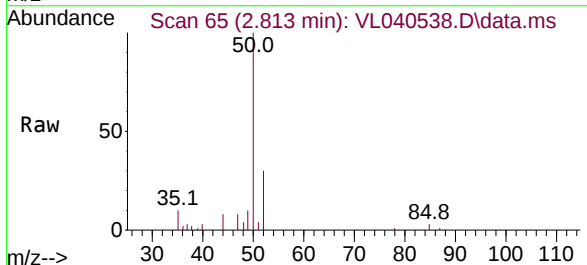
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

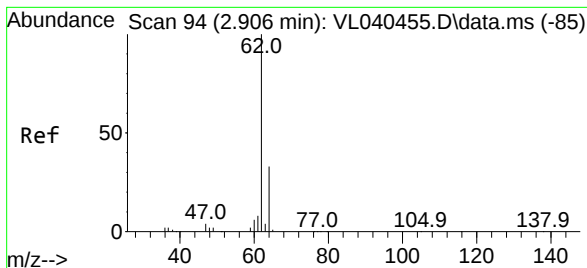
Tgt Ion: 51 Resp: 79332
Ion Ratio Lower Upper
51 100
67 19.1 14.6 21.8



#4
Chloromethane
Concen: 0.561 ppbv
RT: 2.813 min Scan# 65
Delta R.T. -0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 50 Resp: 33079
Ion Ratio Lower Upper
50 100
52 30.1 24.4 36.6





#5

Vinyl Chloride

Concen: 0.478 ppbv

RT: 2.915 min Scan# 91

Delta R.T. -0.013 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

Instrument :

MSVOA_L

ClientSampleId :

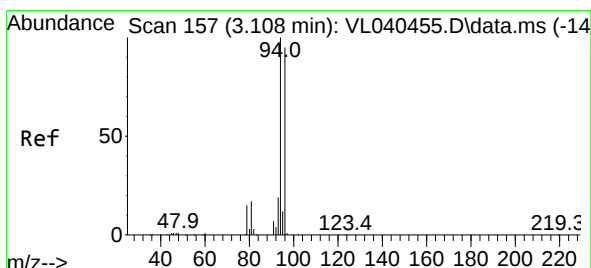
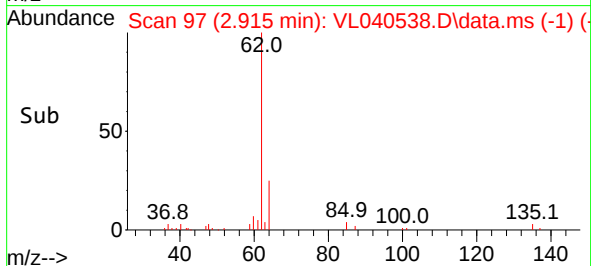
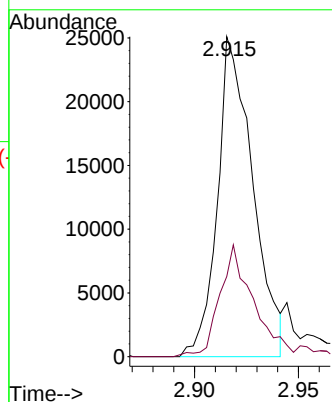
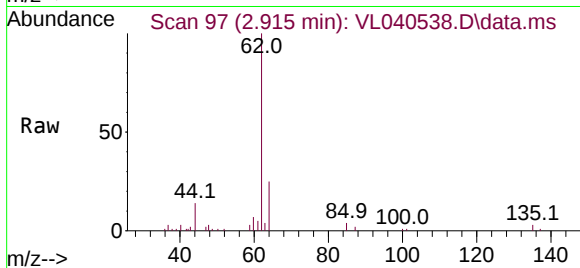
LOQ-AIR-02-QT3-2023

Tgt Ion: 62 Resp: 29648

Ion Ratio Lower Upper

62 100

64 24.4 26.4 39.6#



#6

Bromomethane

Concen: 0.499 ppbv

RT: 3.118 min Scan# 160

Delta R.T. -0.010 min

Lab File: VL040538.D

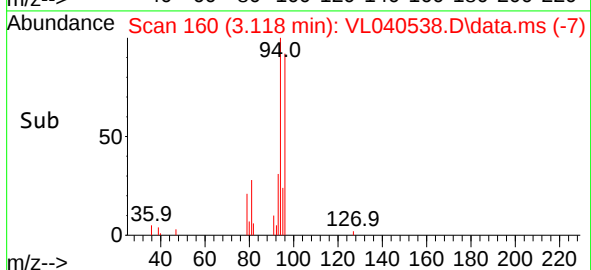
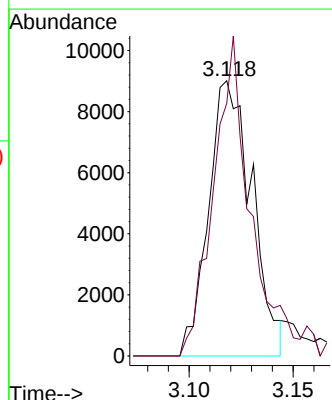
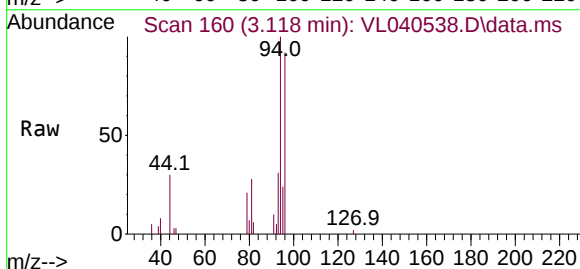
Acq: 14 Jul 2023 22:40

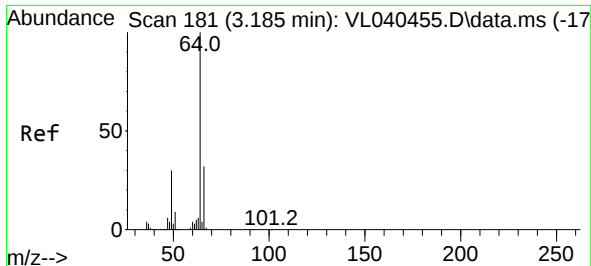
Tgt Ion: 94 Resp: 13059

Ion Ratio Lower Upper

94 100

96 91.8 75.7 113.5

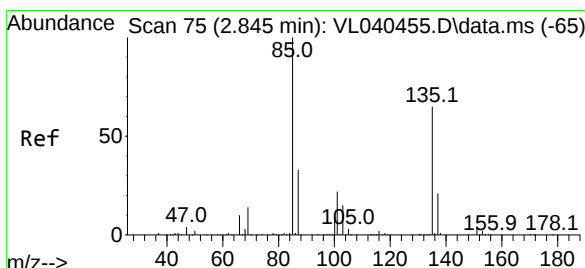
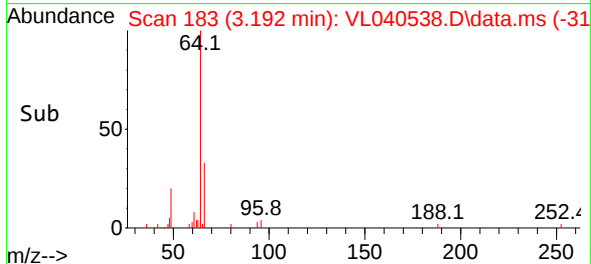
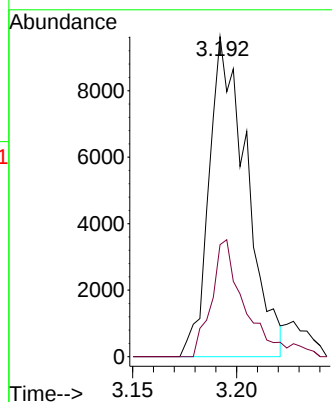
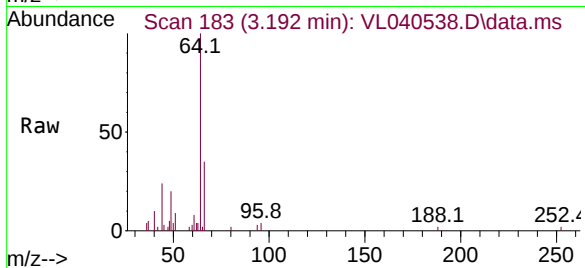




#7
Chloroethane
Concen: 0.553 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

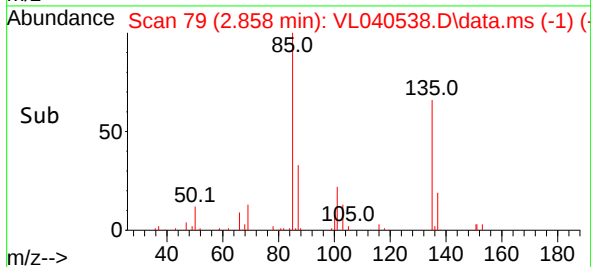
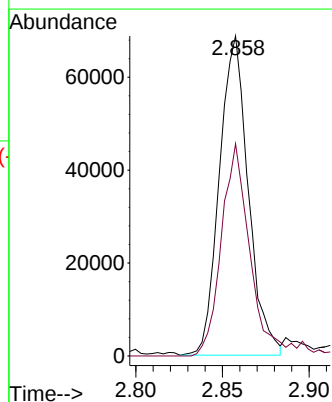
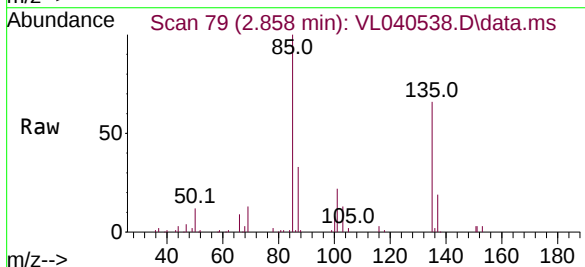
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

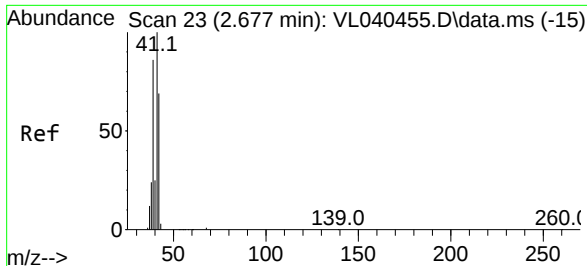
Tgt Ion: 64 Resp: 12021
Ion Ratio Lower Upper
64 100
66 35.0 24.4 36.6



#8
Dichlorotetrafluoroethane
Concen: 0.515 ppbv
RT: 2.858 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 85 Resp: 79628
Ion Ratio Lower Upper
85 100
135 69.4 52.4 78.6





#9

Propene

Concen: 0.476 ppbv

RT: 2.690 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

Instrument :

MSVOA_L

ClientSampleId :

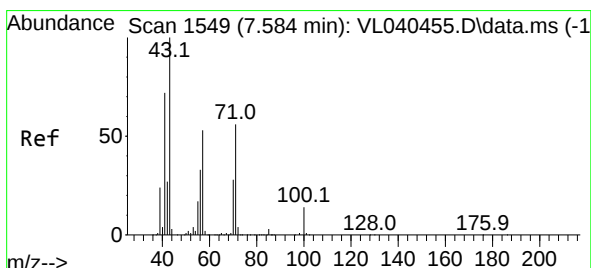
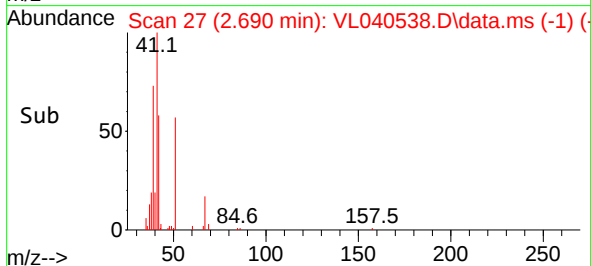
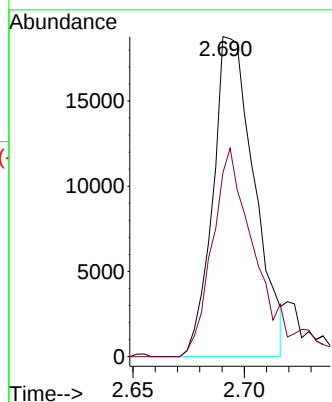
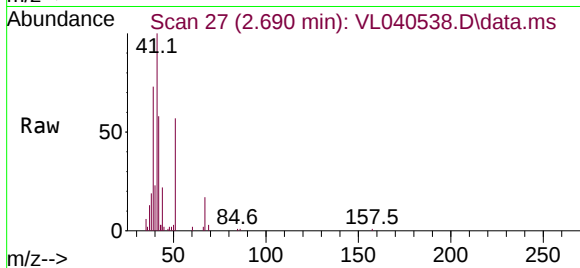
LOQ-AIR-02-QT3-2023

Tgt Ion: 41 Resp: 24266

Ion Ratio Lower Upper

41 100

42 71.5 55.0 82.6



#10

Heptane

Concen: 0.443 ppbv

RT: 7.578 min Scan# 1547

Delta R.T. -0.013 min

Lab File: VL040538.D

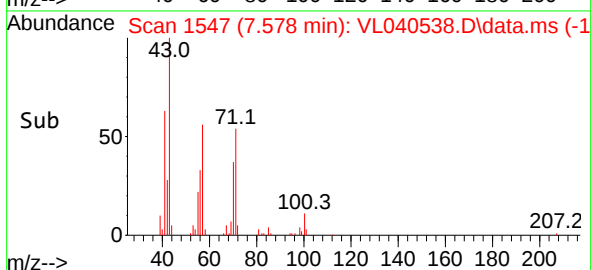
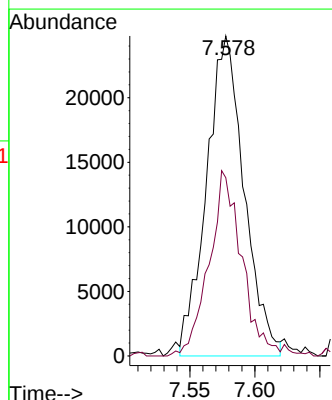
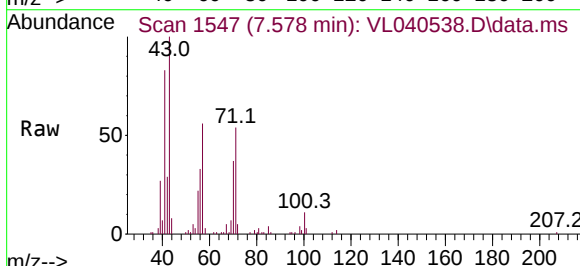
Acq: 14 Jul 2023 22:40

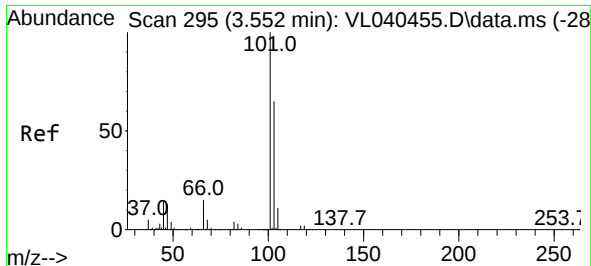
Tgt Ion: 43 Resp: 49918

Ion Ratio Lower Upper

43 100

57 52.0 42.5 63.7

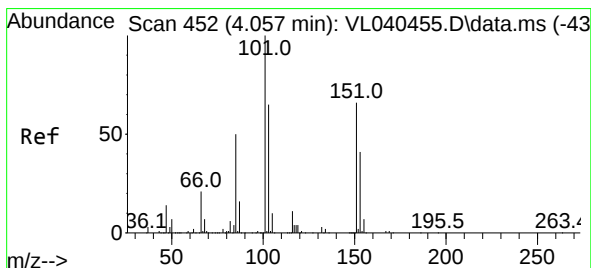
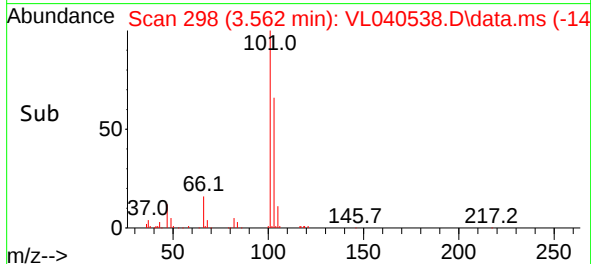
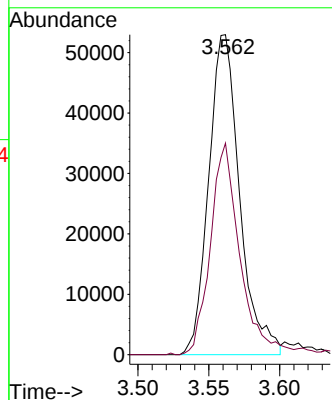
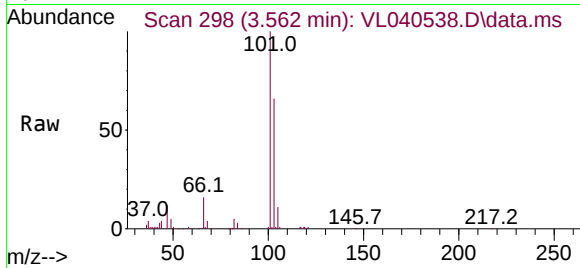




#11
 Trichlorofluoromethane
 Concen: 0.531 ppbv
 RT: 3.562 min Scan# 295
 Delta R.T. -0.010 min
 Lab File: VL040538.D
 Acq: 14 Jul 2023 22:40

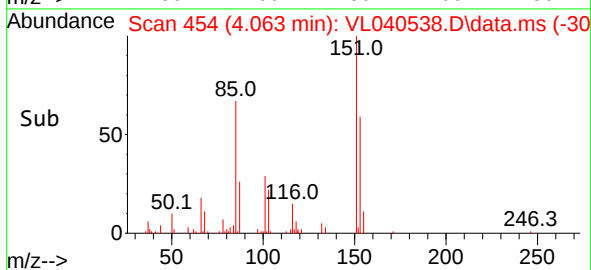
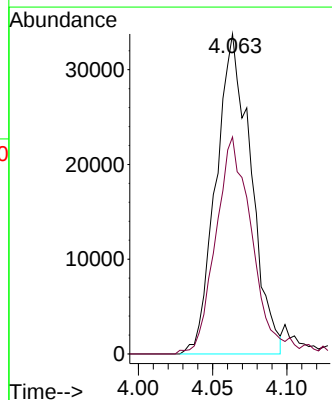
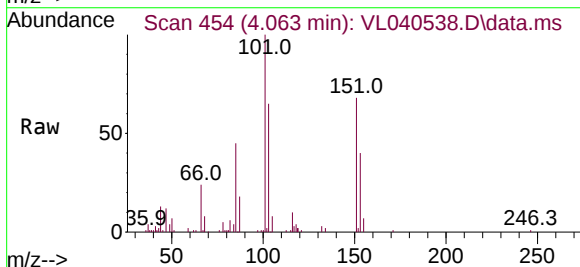
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2023

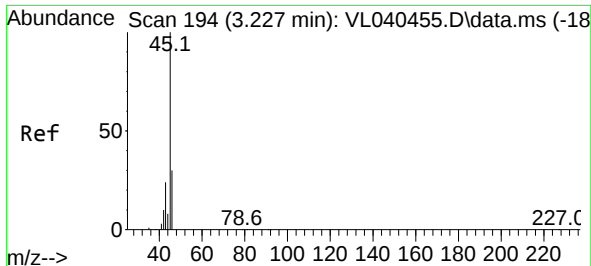
Tgt Ion:101 Resp: 80564
 Ion Ratio Lower Upper
 101 100
 103 66.1 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.516 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.010 min
 Lab File: VL040538.D
 Acq: 14 Jul 2023 22:40

Tgt Ion:101 Resp: 55172
 Ion Ratio Lower Upper
 101 100
 151 71.9 58.2 87.4

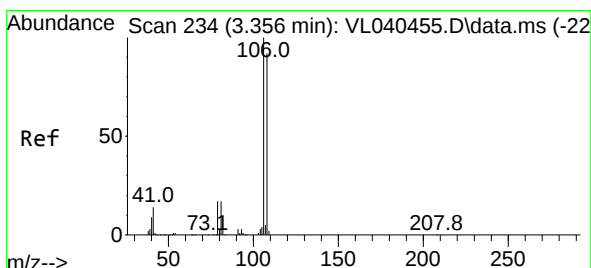
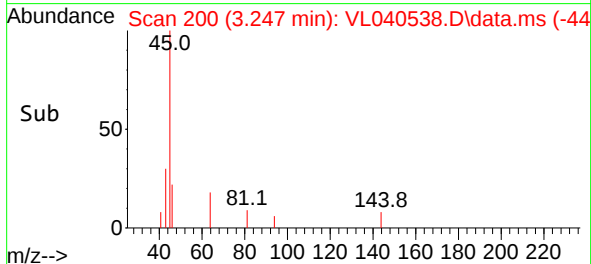
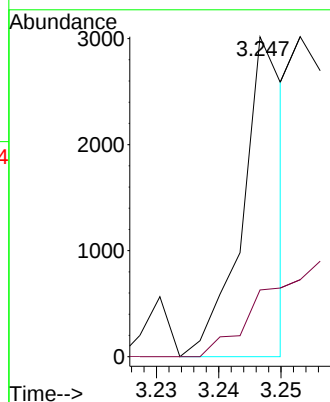
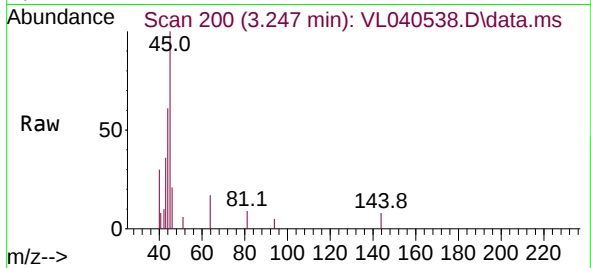




#13
Ethanol
Concen: 0.127 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.000 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

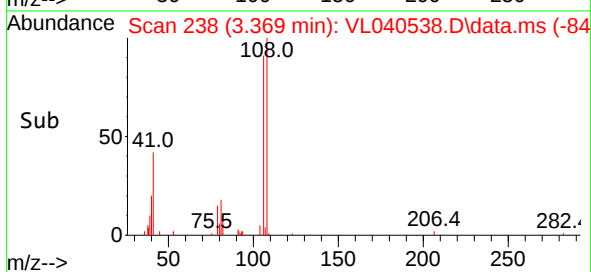
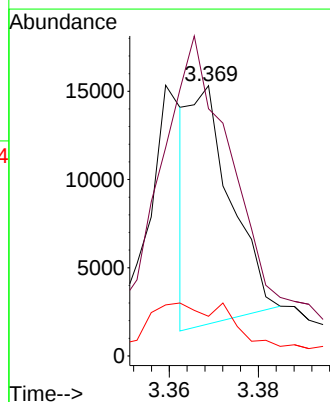
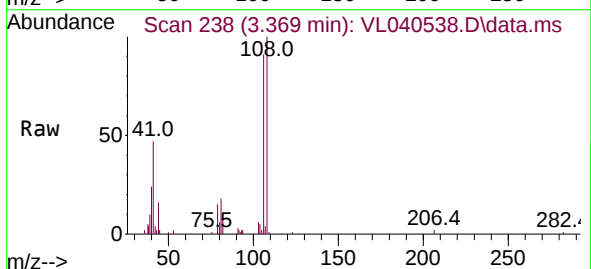
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

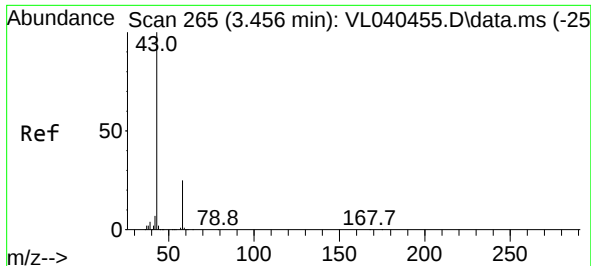
Tgt Ion: 45 Resp: 1414
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1#



#14
Bromoethene
Concen: 0.189 ppbv
RT: 3.369 min Scan# 238
Delta R.T. -0.006 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 108 Resp: 8694
Ion Ratio Lower Upper
108 100
106 301.5 87.2 130.8#
79 63.9 15.3 22.9#

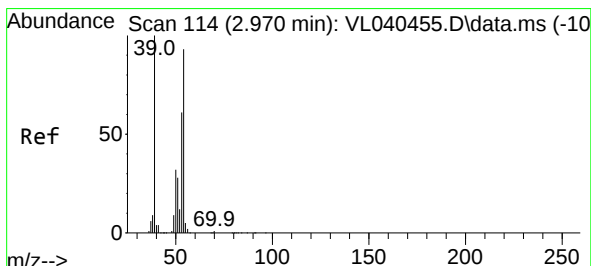
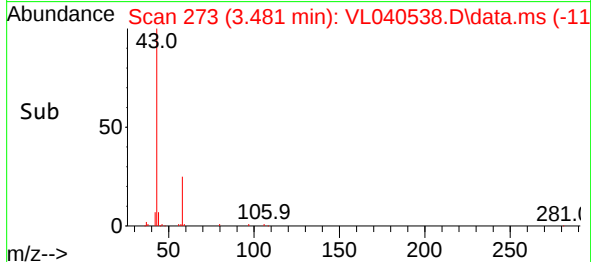
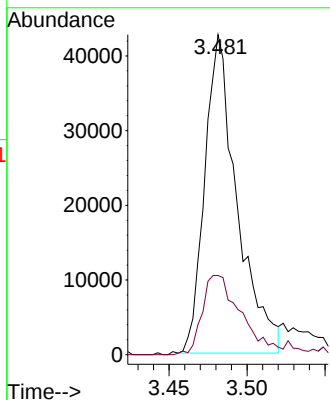
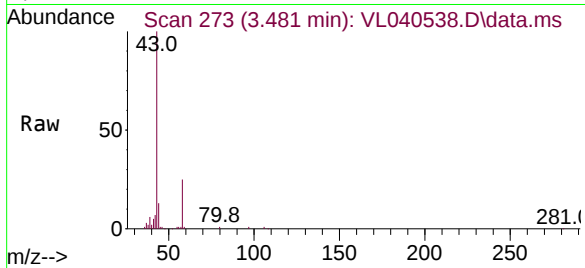




#15
Acetone
Concen: 0.569 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

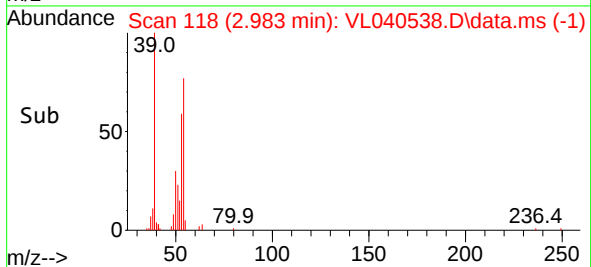
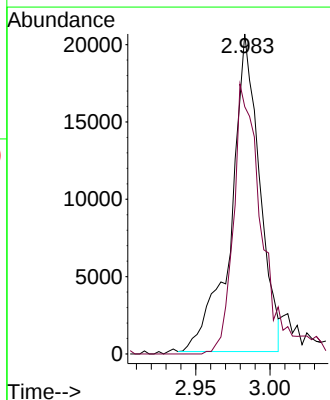
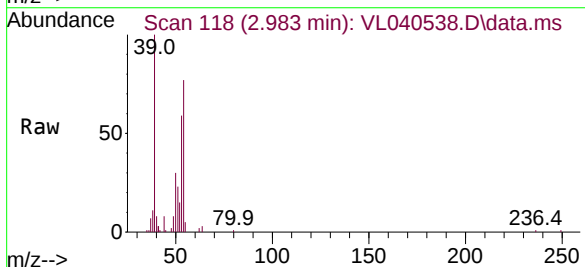
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

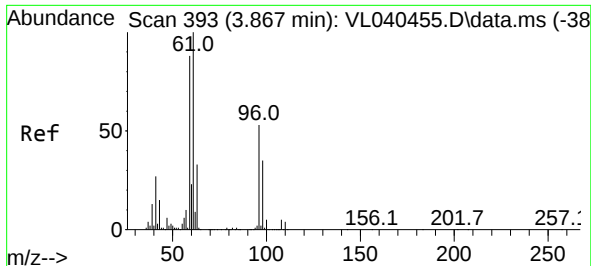
Tgt Ion: 43 Resp: 61583
Ion Ratio Lower Upper
43 100
58 31.6 22.9 34.3



#16
1,3-Butadiene
Concen: 0.504 ppbv
RT: 2.983 min Scan# 118
Delta R.T. -0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 39 Resp: 27530
Ion Ratio Lower Upper
39 100
54 86.5 66.6 100.0





#17

tert-Butyl alcohol

Concen: 0.466 ppbv

RT: 3.890 min Scan# 40

Delta R.T. 0.006 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

Instrument :

MSVOA_1

ClientSampleId :

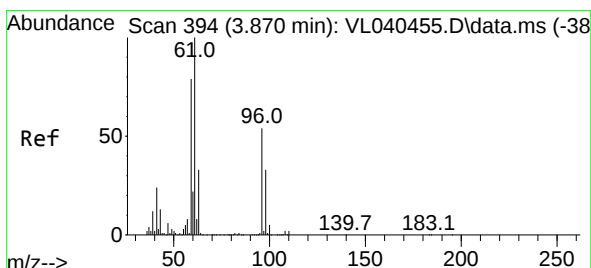
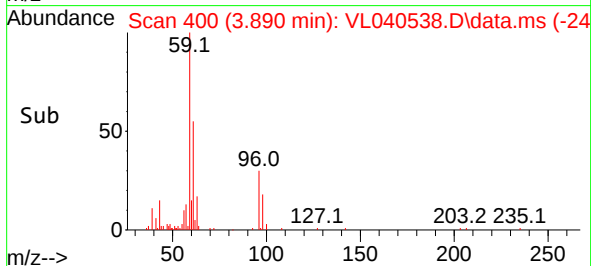
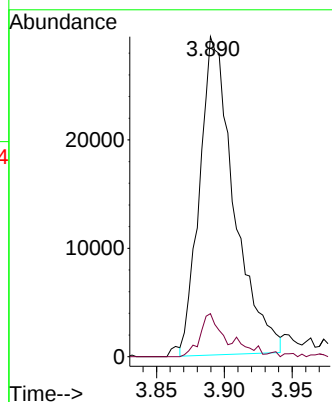
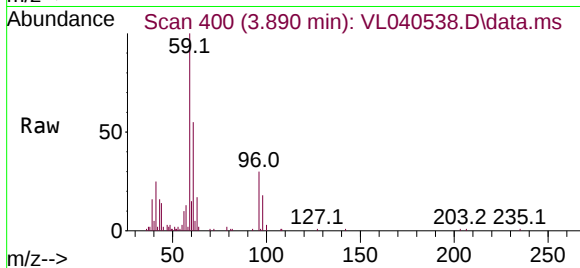
LOQ-AIR-02-QT3-2023

Tgt Ion: 59 Resp: 52166

Ion Ratio Lower Upper

59 100

57 11.4 8.7 13.1



#18

1,1-Dichloroethene

Concen: 0.516 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.010 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

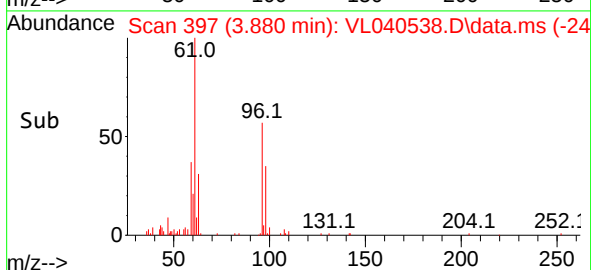
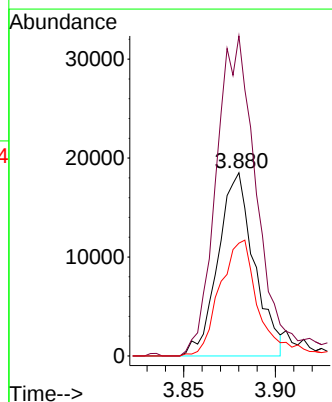
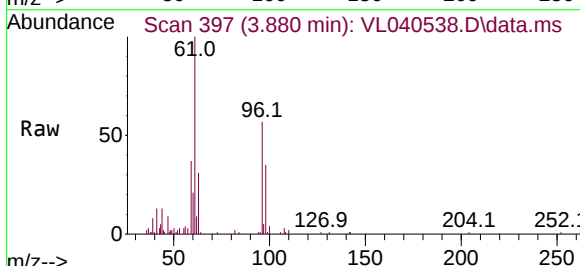
Tgt Ion: 96 Resp: 25321

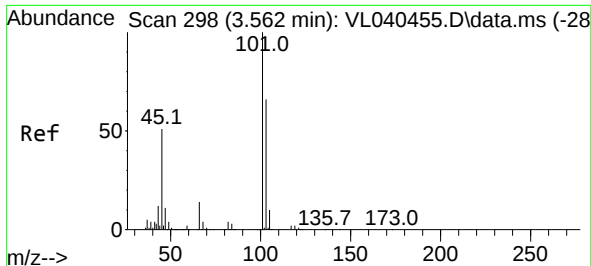
Ion Ratio Lower Upper

96 100

61 174.6 154.4 231.6

98 61.6 50.0 75.0

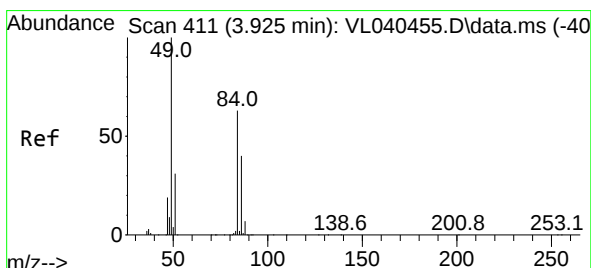
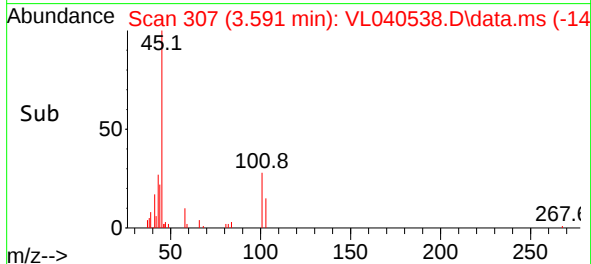
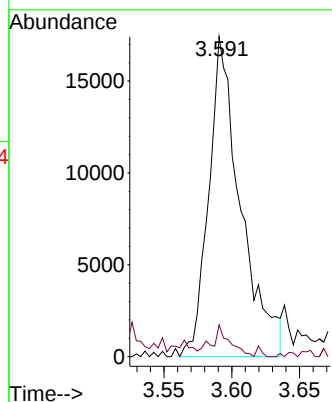
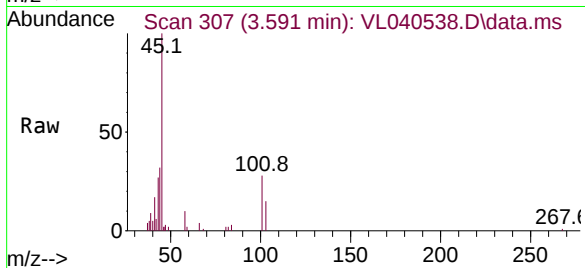




#19
Isopropyl Alcohol
Concen: 0.458 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

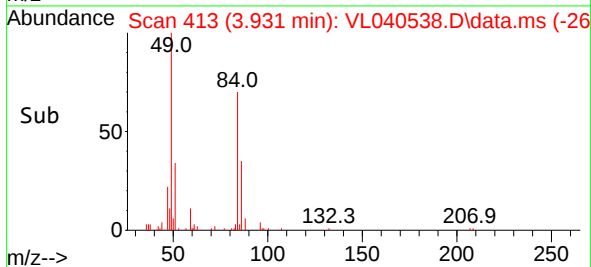
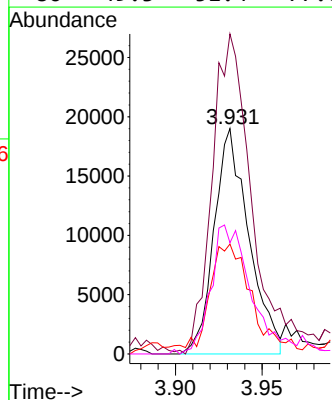
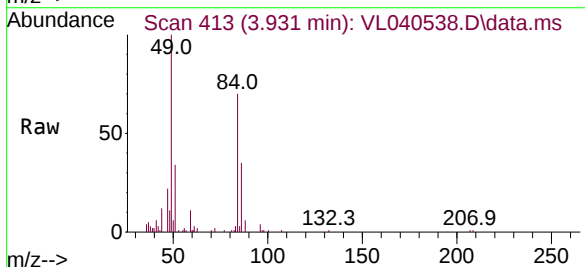
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

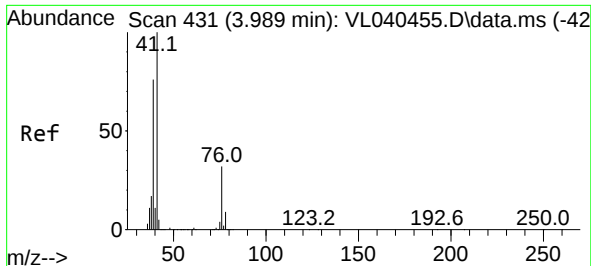
Tgt Ion: 45 Resp: 28447
Ion Ratio Lower Upper
45 100
58 6.1 1.1 1.7#



#20
Methylene Chloride
Concen: 0.576 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 84 Resp: 26496
Ion Ratio Lower Upper
84 100
49 140.2 123.4 185.2
51 44.9 38.3 57.5
86 49.3 51.4 77.0#





#21

Allyl Chloride

Concen: 0.488 ppbv

RT: 3.999 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

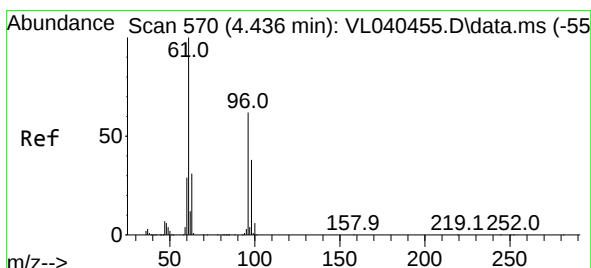
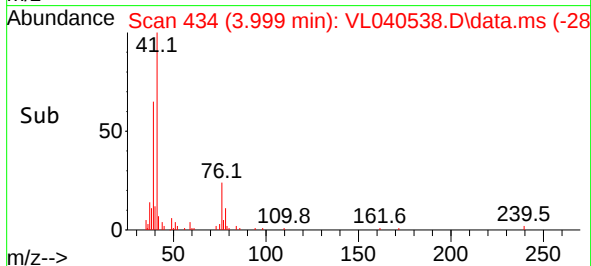
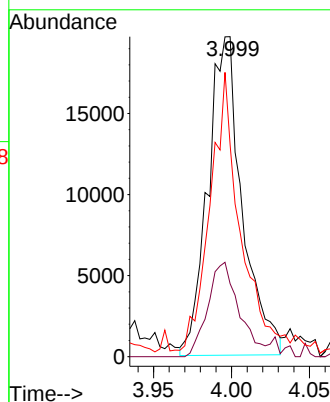
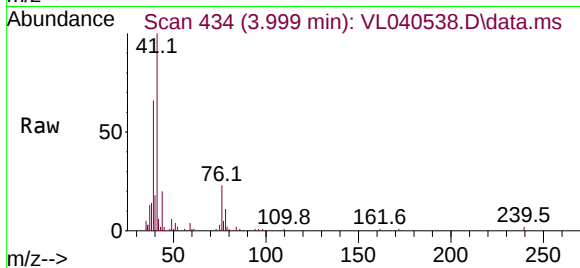
Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2023

Tgt Ion:	41	Resp:	30148
Ion Ratio	Lower	Upper	
41	100		
76	29.9	24.8	37.2
39	84.1	60.6	91.0



#22

trans-1,2-Dichloroethene

Concen: 0.479 ppbv

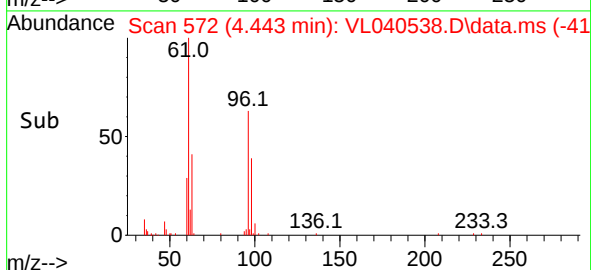
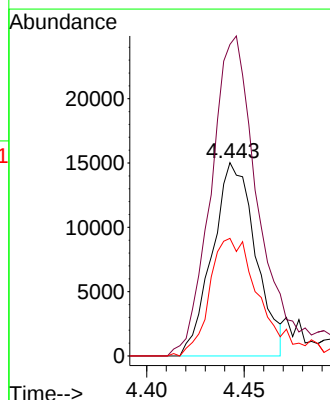
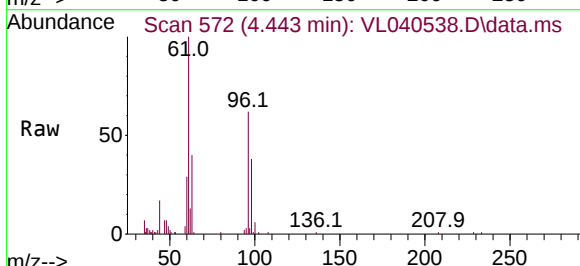
RT: 4.443 min Scan# 572

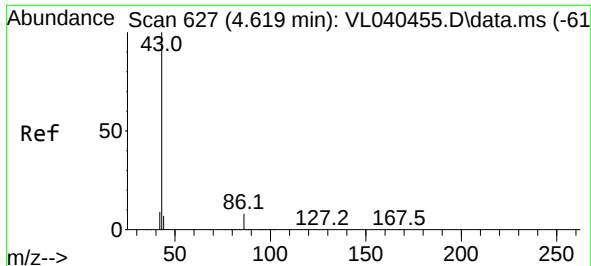
Delta R.T. -0.010 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

Tgt Ion:	96	Resp:	23222
Ion Ratio	Lower	Upper	
96	100		
61	155.8	137.7	206.5
98	60.8	52.9	79.3

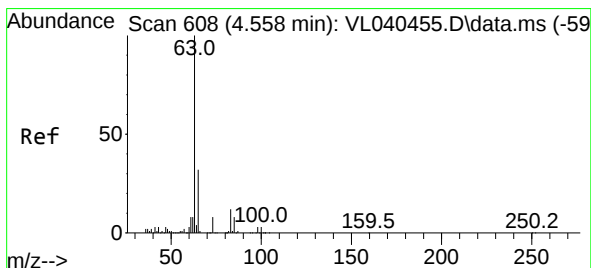
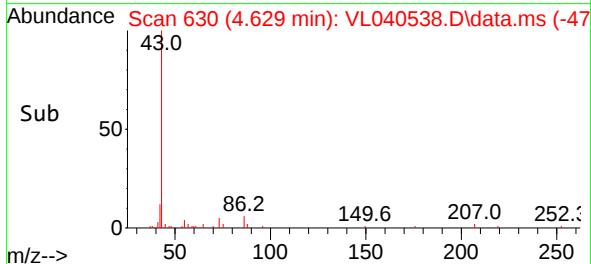
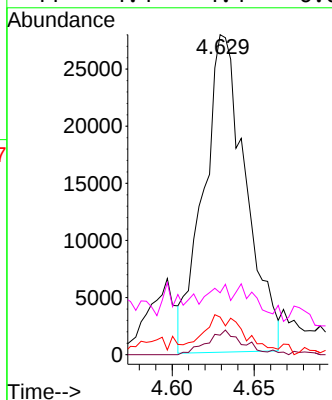
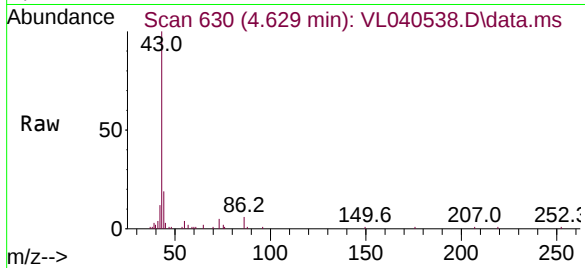




#23
 Vinyl Acetate
 Concen: 0.482 ppbv
 RT: 4.629 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040538.D
 Acq: 14 Jul 2023 22:40

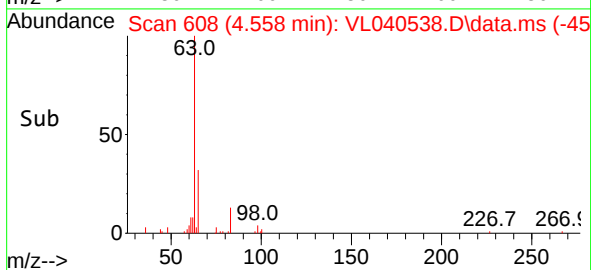
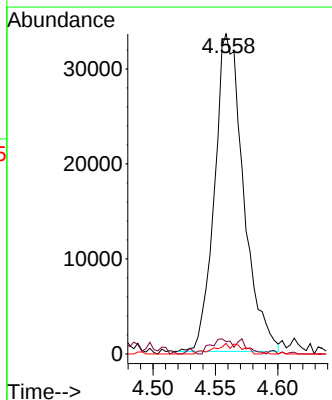
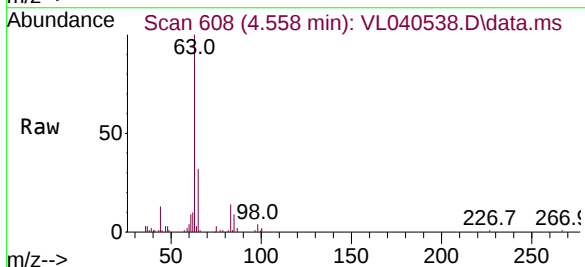
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2023

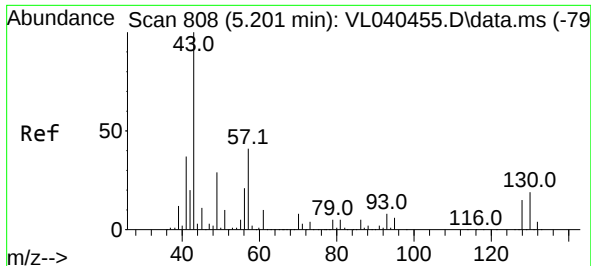
Tgt Ion:	43	Resp:	49685
Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.6	8.4
42	11.3	7.4	11.2#
44	4.4	4.4	6.6



#24
 1,1-Dichloroethane
 Concen: 0.514 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.013 min
 Lab File: VL040538.D
 Acq: 14 Jul 2023 22:40

Tgt Ion:	63	Resp:	53816
Ion	Ratio	Lower	Upper
63	100		
98	3.9	1.8	5.5
100	3.3	1.4	4.0



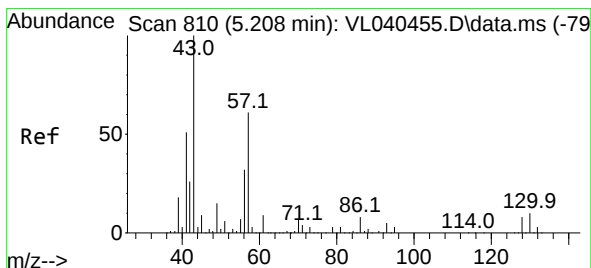
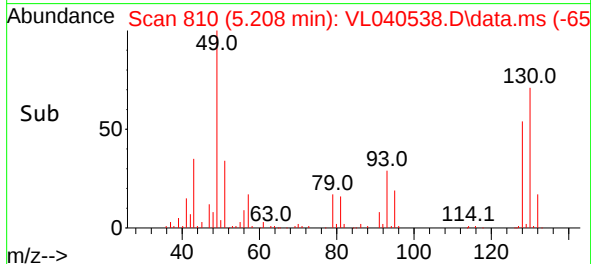
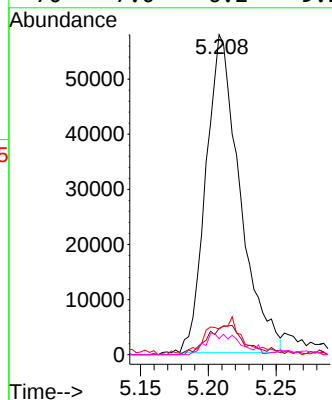
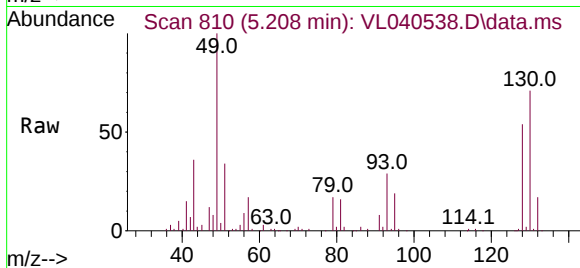


#25
Ethyl Acetate
Concen: 0.486 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

Tgt Ion: 43 Resp: 100175

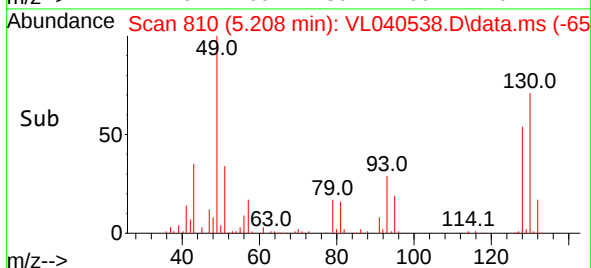
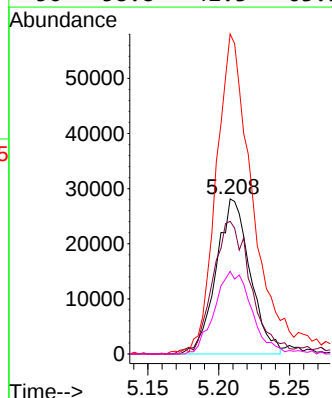
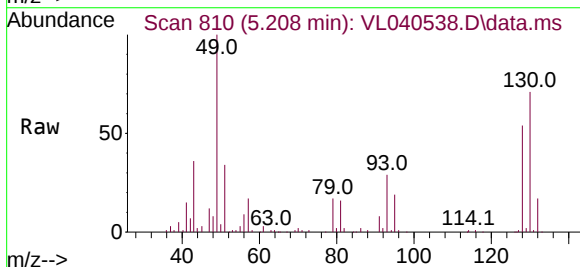
Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.2	12.4
61	12.1	8.3	12.5
70	7.0	6.2	9.2

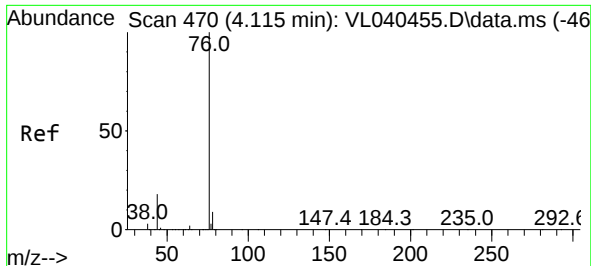


#26
Hexane
Concen: 0.491 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 57 Resp: 46965

Ion	Ratio	Lower	Upper
57	100		
41	100.7	69.5	104.3
43	234.4	177.1	265.7
56	58.8	42.3	63.5





#27

Carbon Disulfide

Concen: 0.377 ppbv

RT: 4.121 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040538.D

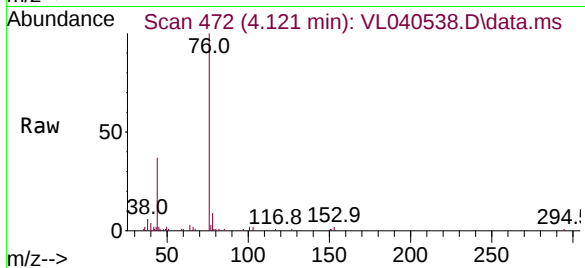
Acq: 14 Jul 2023 22:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2023



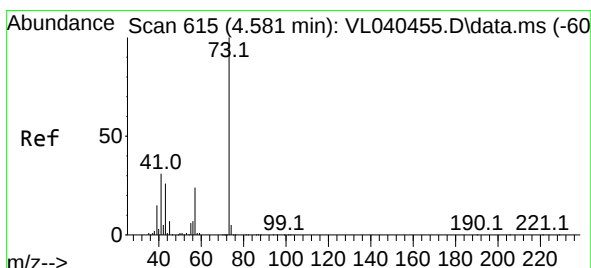
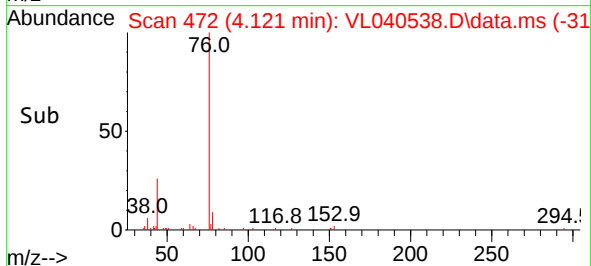
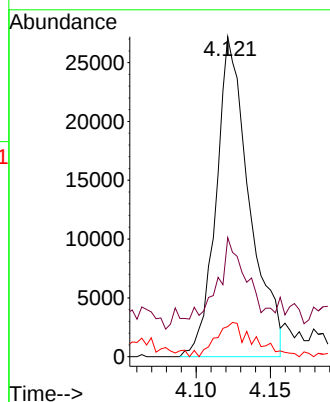
Tgt Ion: 76 Resp: 42420

Ion Ratio Lower Upper

76 100

44 28.5 15.1 22.7#

78 12.8 7.5 11.3#



#28

Methyl tert-Butyl Ether

Concen: 0.493 ppbv

RT: 4.597 min Scan# 620

Delta R.T. 0.003 min

Lab File: VL040538.D

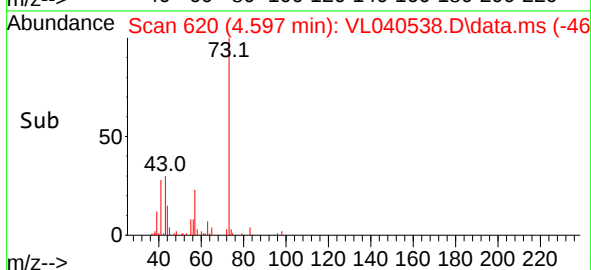
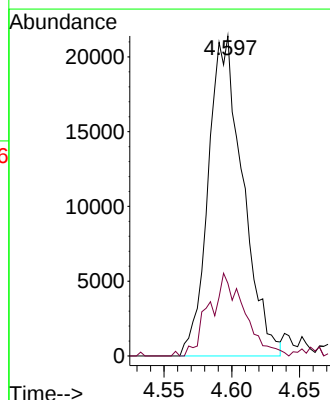
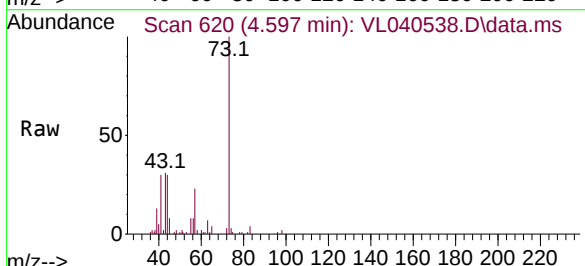
Acq: 14 Jul 2023 22:40

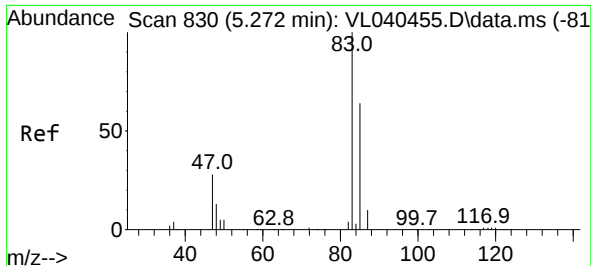
Tgt Ion: 73 Resp: 37956

Ion Ratio Lower Upper

73 100

57 26.3 18.8 28.2

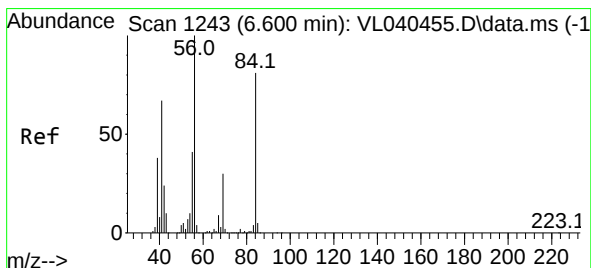
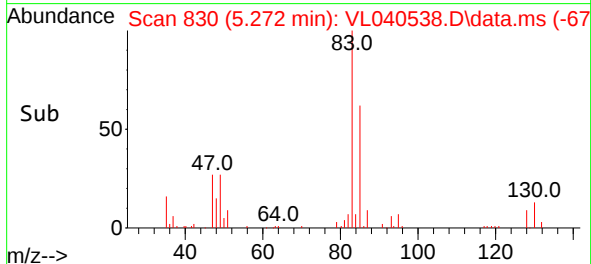
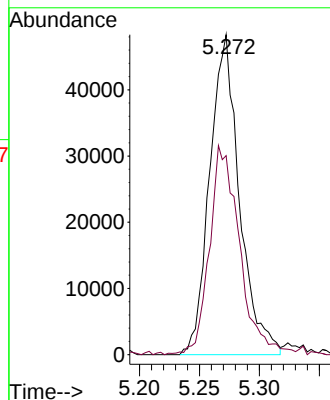
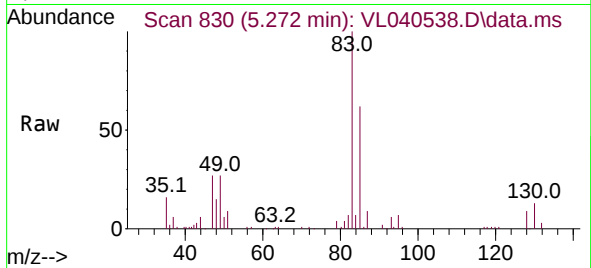




#29
Chloroform
Concen: 0.525 ppbv
RT: 5.272 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

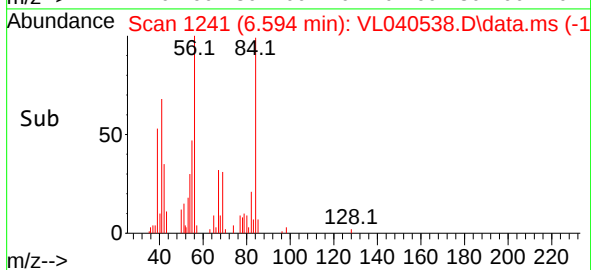
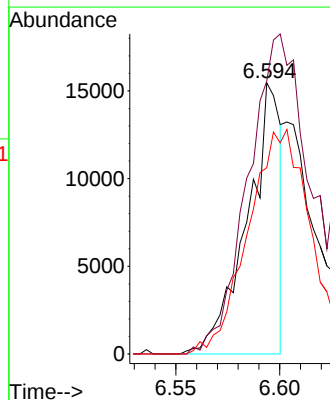
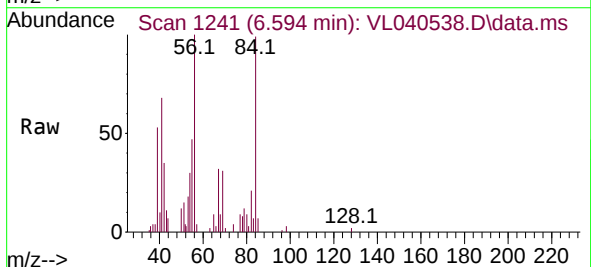
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

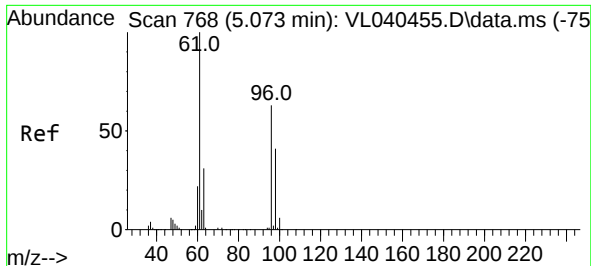
Tgt Ion: 83 Resp: 83340
Ion Ratio Lower Upper
83 100
85 61.4 51.1 76.7



#30
Cyclohexane
Concen: 0.215 ppbv
RT: 6.594 min Scan# 1241
Delta R.T. -0.016 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 84 Resp: 17155
Ion Ratio Lower Upper
84 100
56 0.0 108.7 163.1#
41 0.0 64.5 96.7#

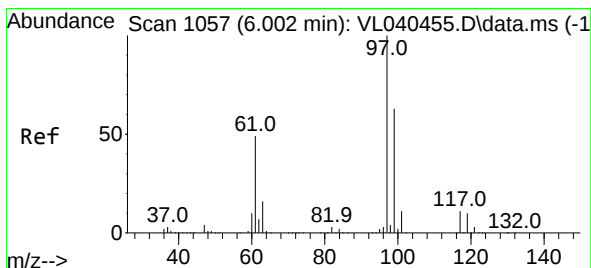
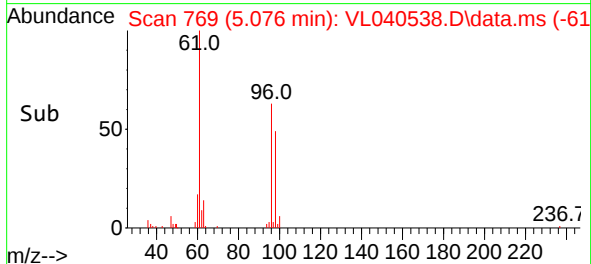
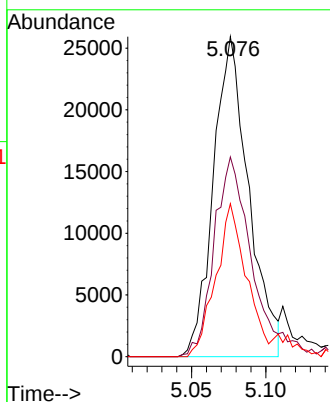
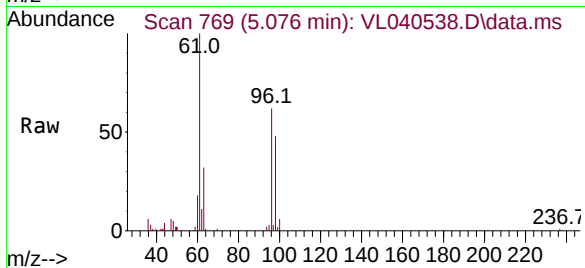




#31
 cis-1,2-Dichloroethene
 Concen: 0.453 ppbv
 RT: 5.076 min Scan# 768
 Delta R.T. -0.010 min
 Lab File: VL040538.D
 Acq: 14 Jul 2023 22:40

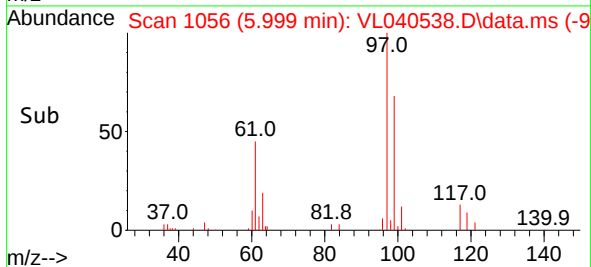
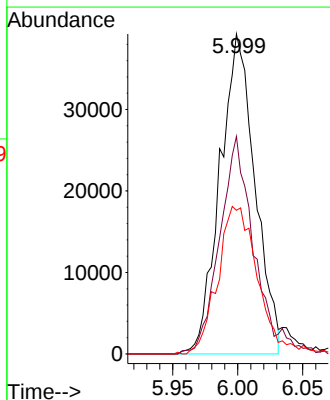
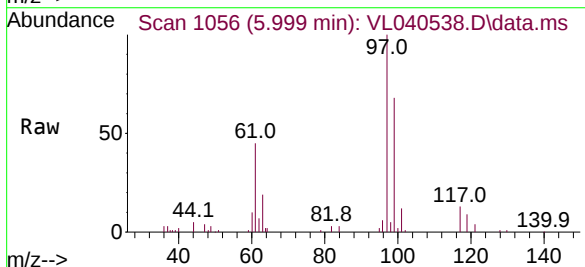
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2023

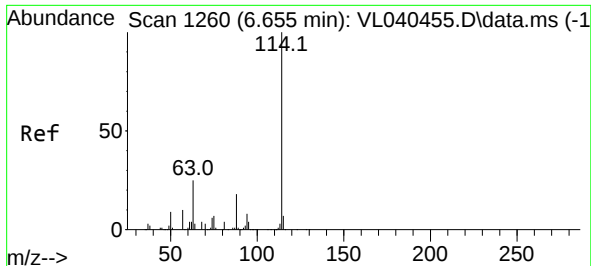
Tgt Ion: 61	Resp: 42850
Ion Ratio	Lower Upper
61 100	
96 62.4	54.7 82.1
98 47.8	34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 0.475 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.013 min
 Lab File: VL040538.D
 Acq: 14 Jul 2023 22:40

Tgt Ion: 97	Resp: 73747
Ion Ratio	Lower Upper
97 100	
99 67.0	52.0 78.0
61 53.3	38.9 58.3

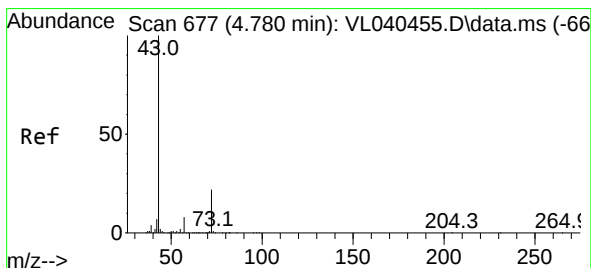
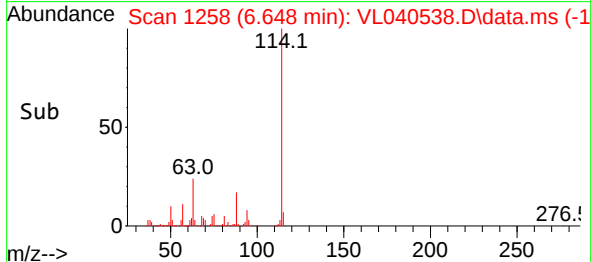
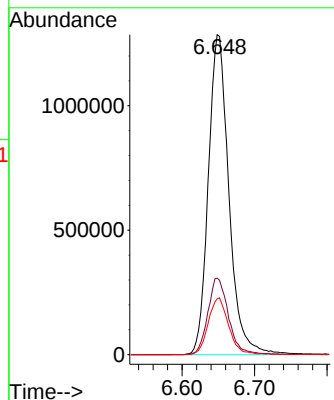
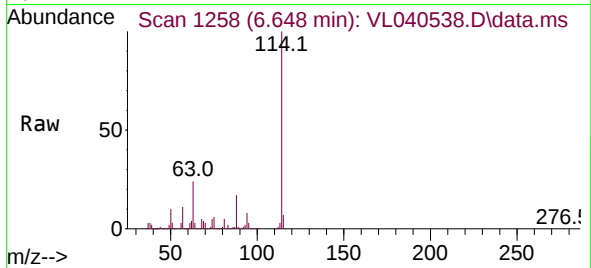




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

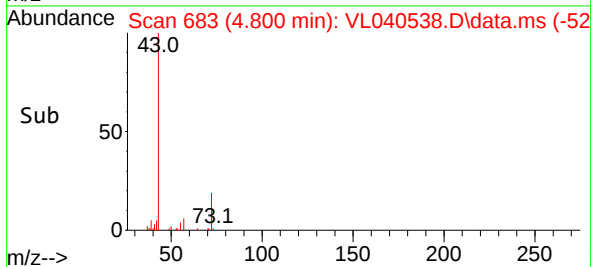
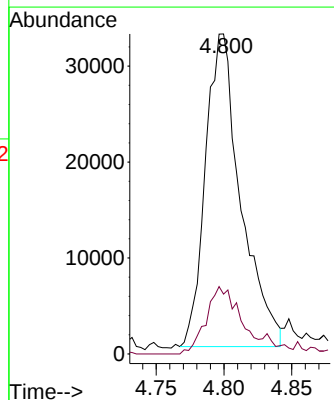
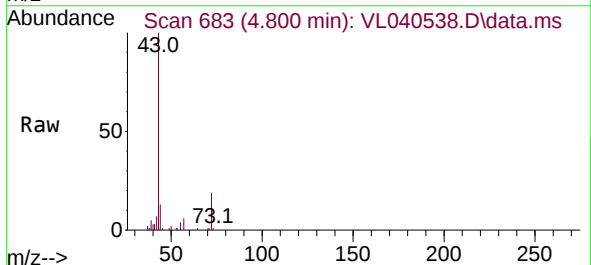
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

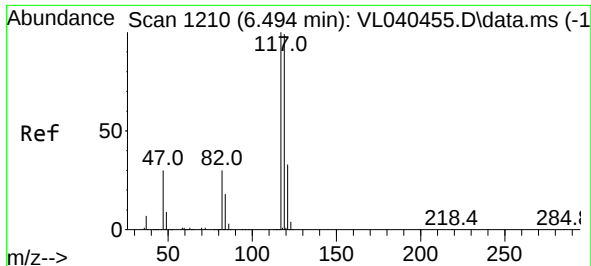
Tgt Ion:114 Resp: 2528986
Ion Ratio Lower Upper
114 100
63 24.3 19.6 29.4
88 17.8 14.2 21.2



#34
2-Butanone
Concen: 0.473 ppbv
RT: 4.800 min Scan# 683
Delta R.T. 0.006 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 43 Resp: 59131
Ion Ratio Lower Upper
43 100
72 25.1 19.1 28.7

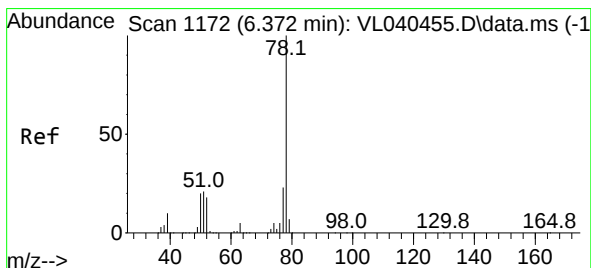
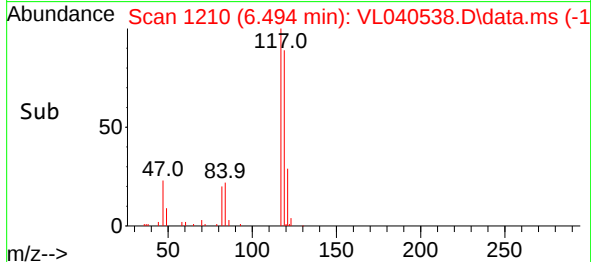
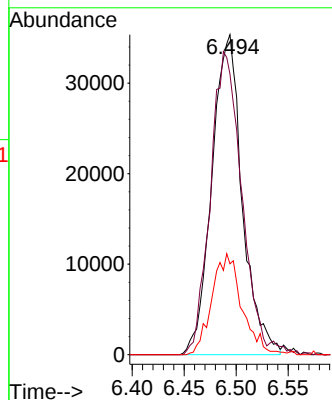
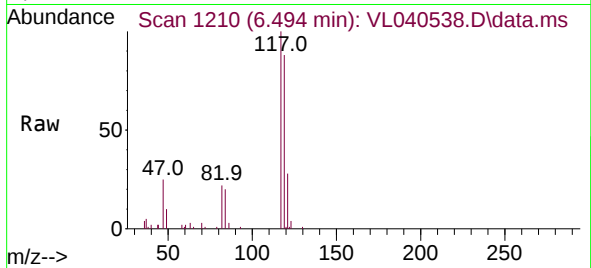




#35
Carbon Tetrachloride
Concen: 0.472 ppbv
RT: 6.494 min Scan# 1171
Delta R.T. -0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

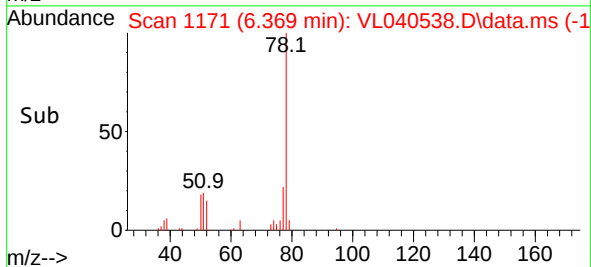
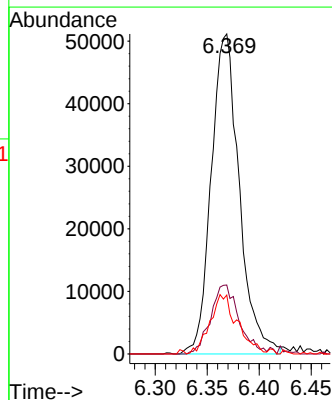
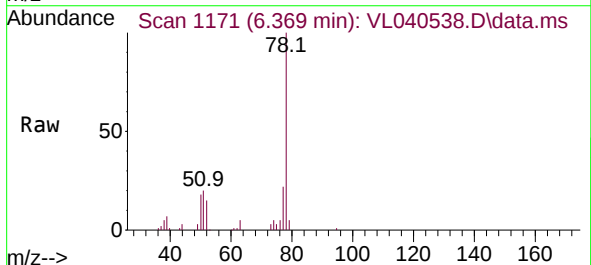
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

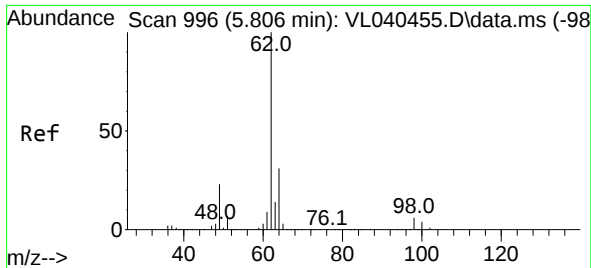
Tgt Ion:117 Resp: 71812
Ion Ratio Lower Upper
117 100
119 87.7 77.8 116.6
121 28.4 24.8 37.2



#36
Benzene
Concen: 0.472 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.013 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 78 Resp: 95992
Ion Ratio Lower Upper
78 100
77 21.6 17.4 26.0
50 18.4 14.4 21.6

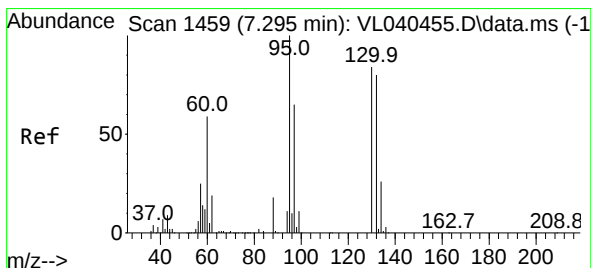
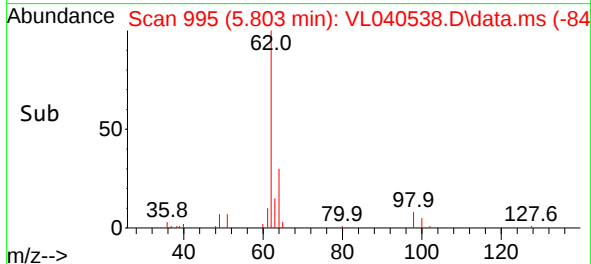
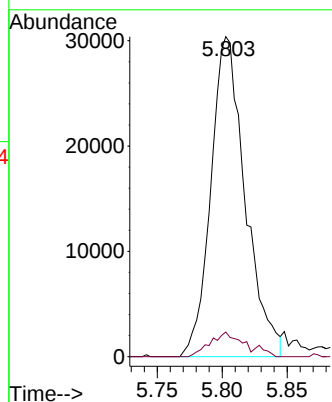
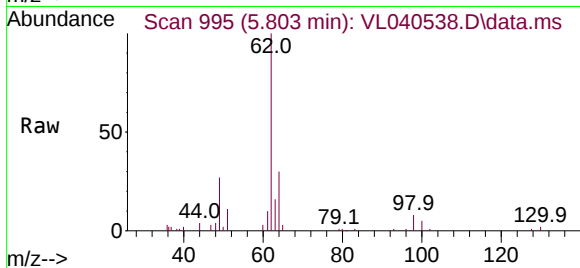




#37
1,2-Dichloroethane
Concen: 0.467 ppbv
RT: 5.803 min Scan# 996
Delta R.T. -0.013 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

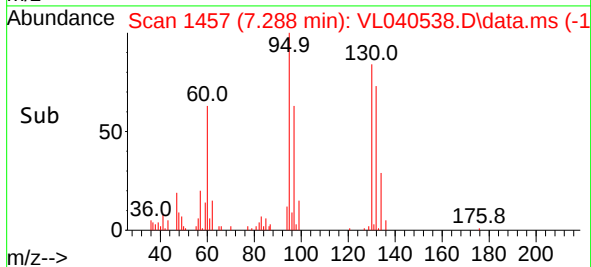
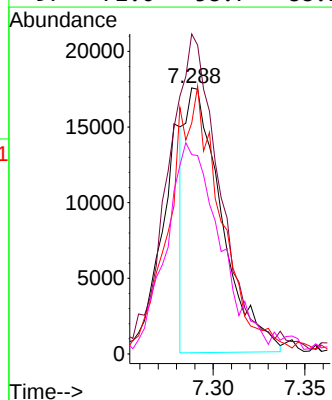
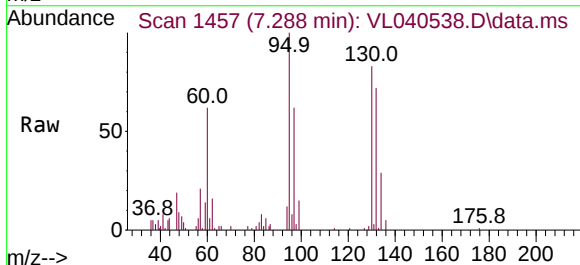
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

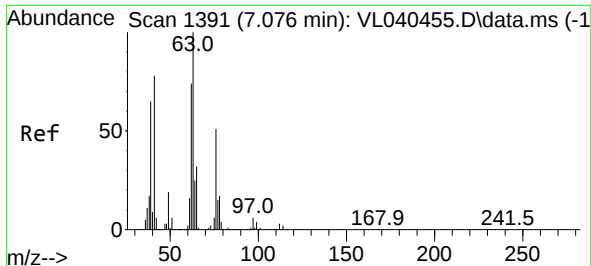
Tgt Ion: 62 Resp: 55893
Ion Ratio Lower Upper
62 100
98 7.9 5.1 7.7#



#38
Trichloroethene
Concen: 0.317 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.016 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion:130 Resp: 24426
Ion Ratio Lower Upper
130 100
95 115.4 90.2 135.2
132 84.8 76.3 114.5
97 72.0 58.7 88.1





#39

1,2-Dichloropropane

Concen: 0.296 ppbv

RT: 7.070 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2023

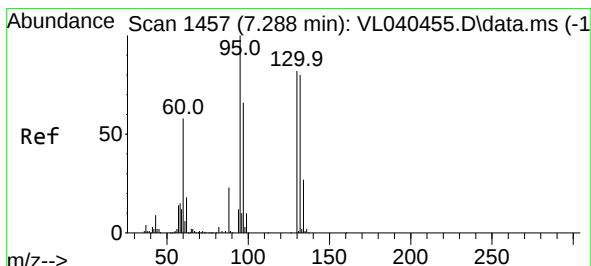
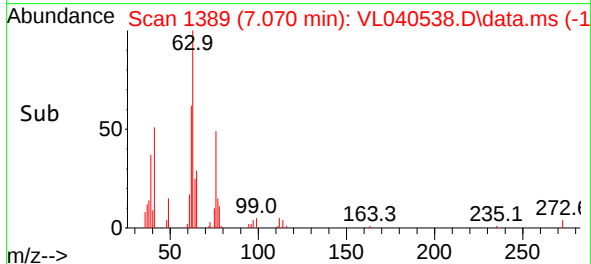
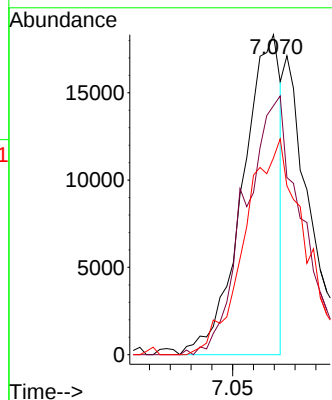
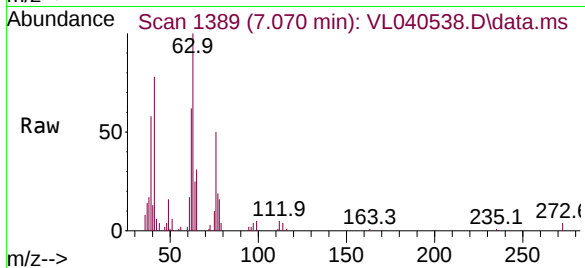
Tgt Ion: 63 Resp: 23210

Ion Ratio Lower Upper

63 100

41 77.8 54.3 81.5

62 61.5 55.6 83.4



#40

1,4-Dioxane

Concen: 0.070 ppbv

RT: 7.324 min Scan# 1468

Delta R.T. 0.026 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

Tgt Ion: 88 Resp: 1705

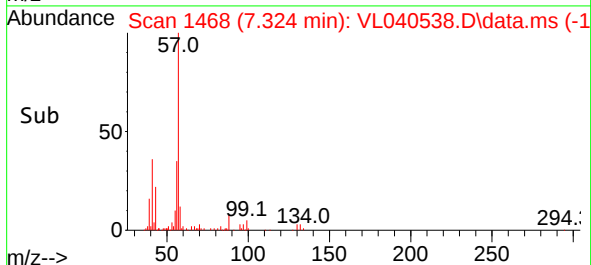
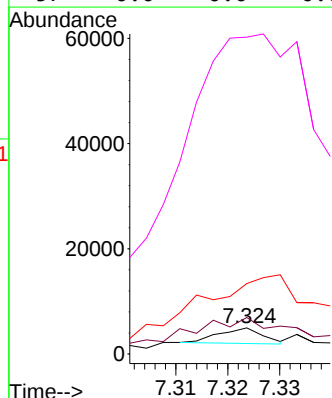
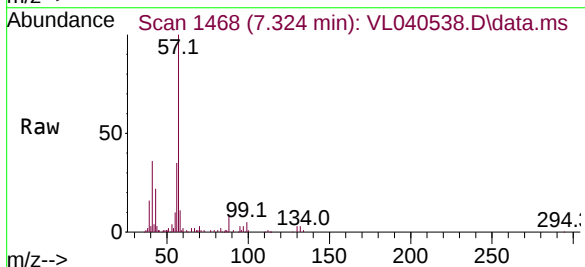
Ion Ratio Lower Upper

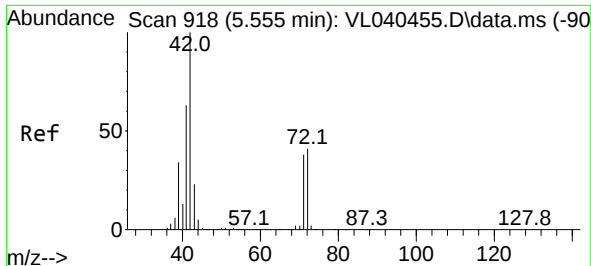
88 100

58 860.6 58.6 88.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.371 ppbv

RT: 5.578 min Scan# 918

Delta R.T. 0.013 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2023

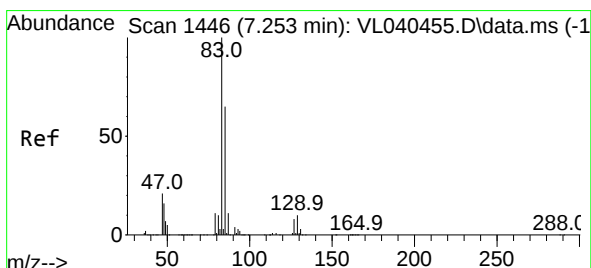
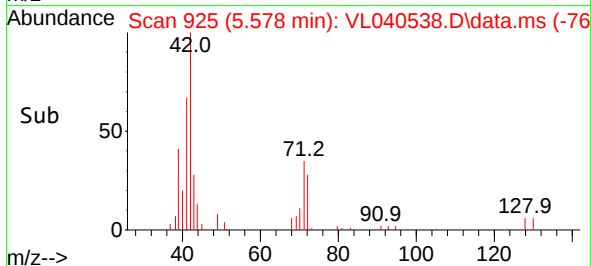
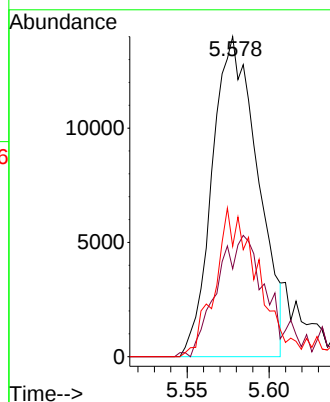
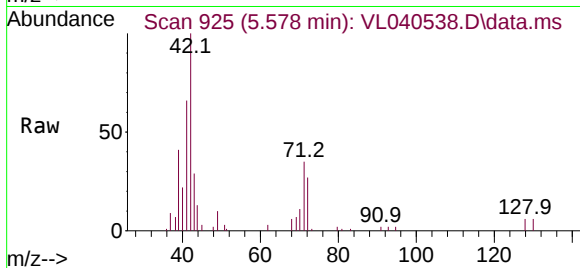
Tgt Ion: 42 Resp: 27025

Ion Ratio Lower Upper

42 100

72 45.2 33.8 50.8

71 46.8 33.0 49.6



#42

Bromodichloromethane

Concen: 0.437 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.013 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

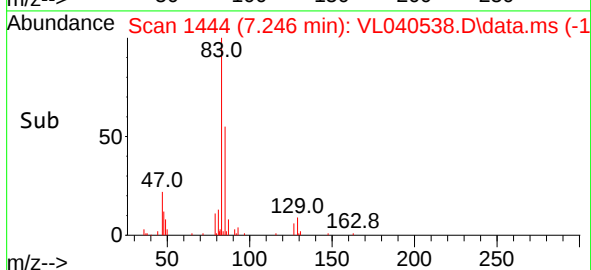
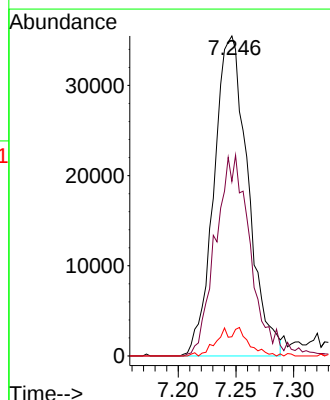
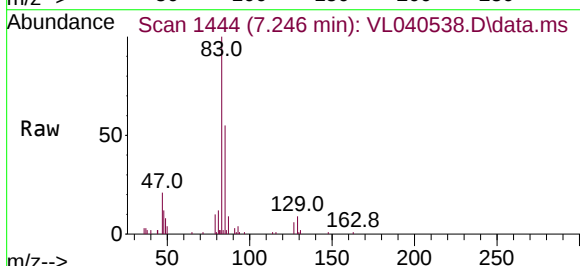
Tgt Ion: 83 Resp: 72716

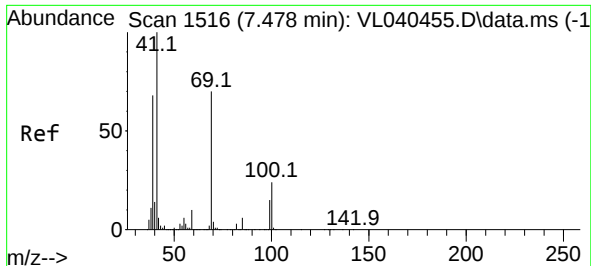
Ion Ratio Lower Upper

83 100

85 54.6 51.1 76.7

127 6.0 6.5 9.7#

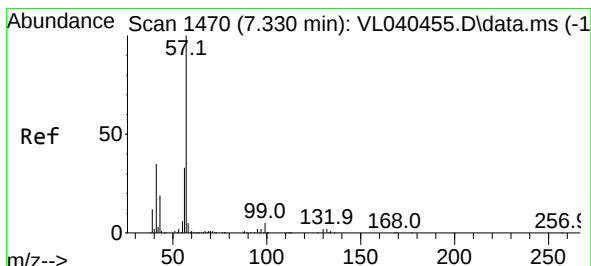
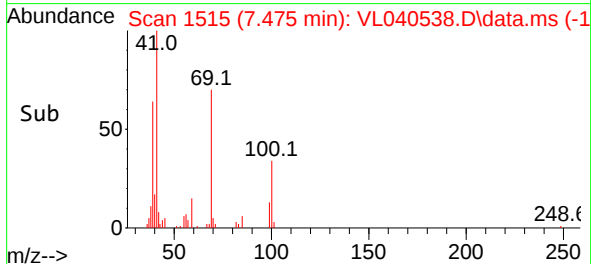
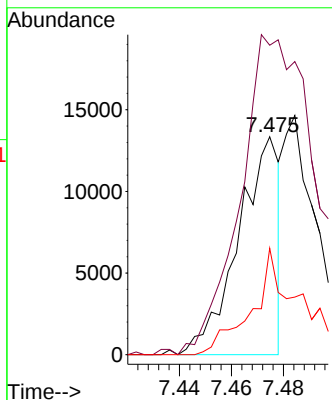
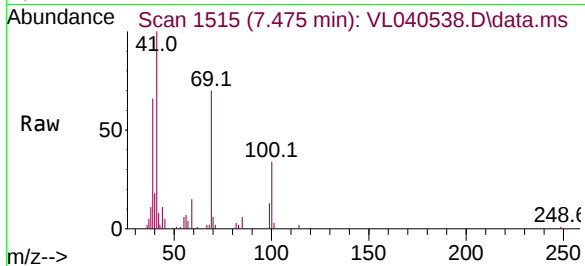




#43
Methyl Methacrylate
Concen: 0.192 ppbv
RT: 7.475 min Scan# 1469
Delta R.T. -0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

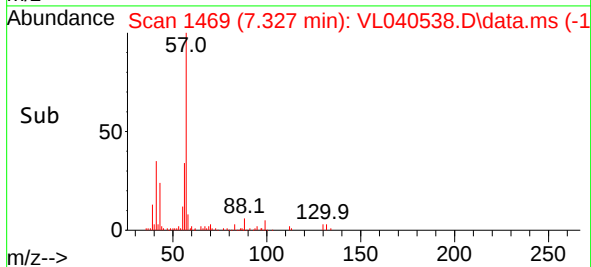
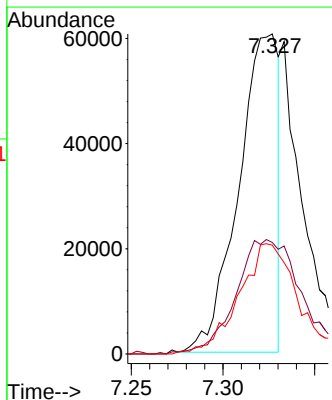
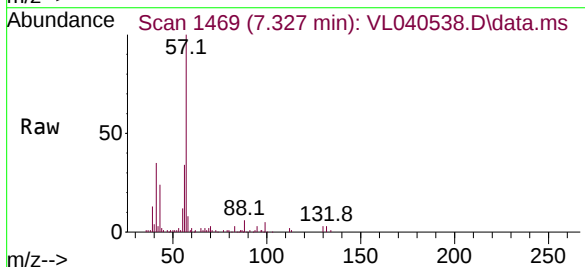
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

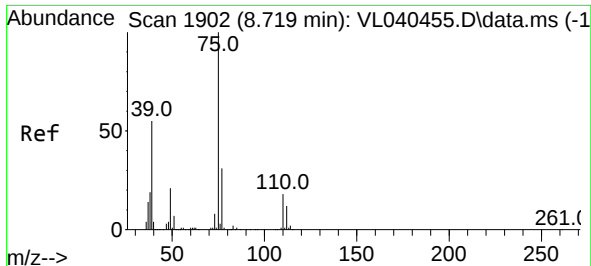
Tgt Ion: 69 Resp: 14627
Ion Ratio Lower Upper
69 100
41 291.2 111.7 167.5#
100 63.6 26.9 40.3#



#44
2,2,4-Trimethylpentane
Concen: 0.280 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 57 Resp: 91623
Ion Ratio Lower Upper
57 100
41 60.6 25.5 38.3#
56 52.1 25.1 37.7#

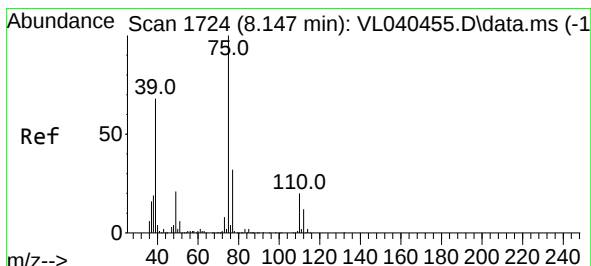
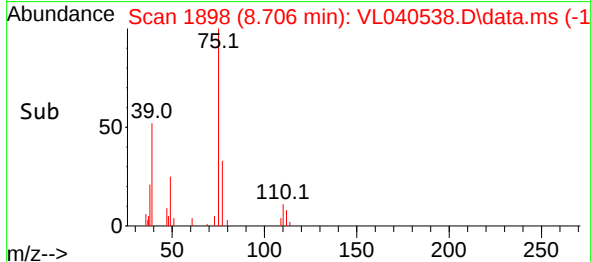
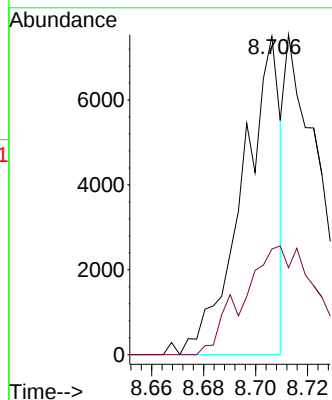
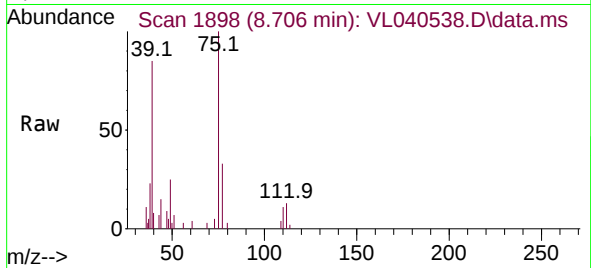




#45
t-1,3-Dichloropropene
Concen: 0.155 ppbv
RT: 8.706 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

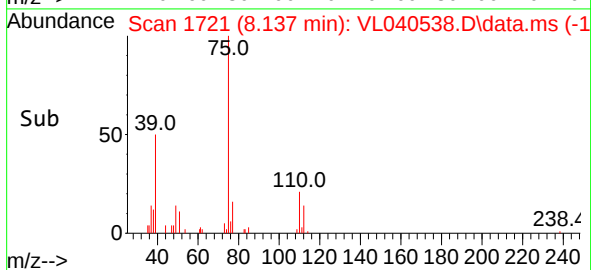
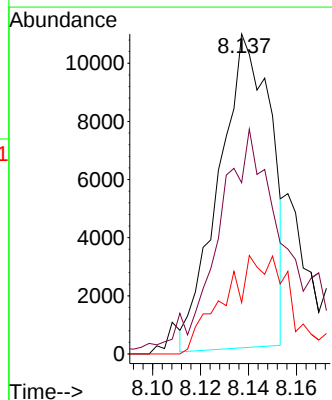
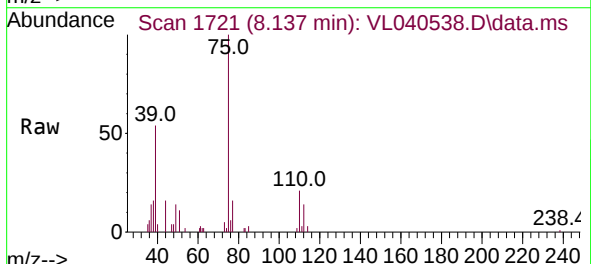
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

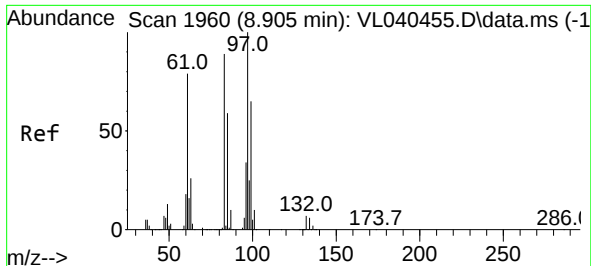
Tgt Ion: 75 Resp: 7592
Ion Ratio Lower Upper
75 100
77 33.2 26.0 39.0



#46
cis-1,3-Dichloropropene
Concen: 0.259 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. -0.016 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 75 Resp: 16265
Ion Ratio Lower Upper
75 100
39 44.1 48.0 72.0#
77 17.3 24.0 36.0#

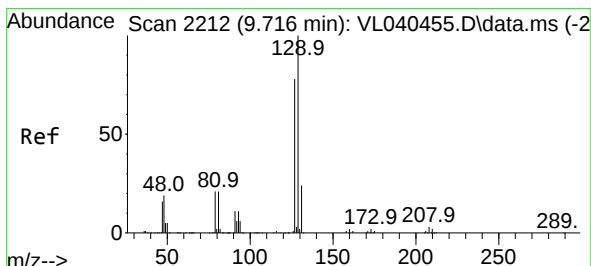
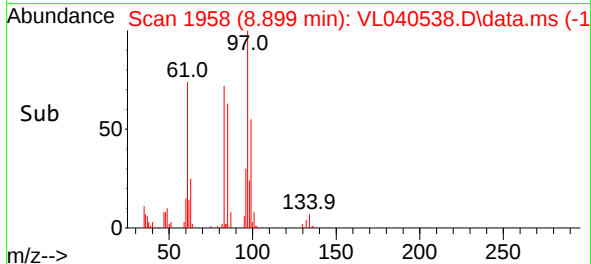
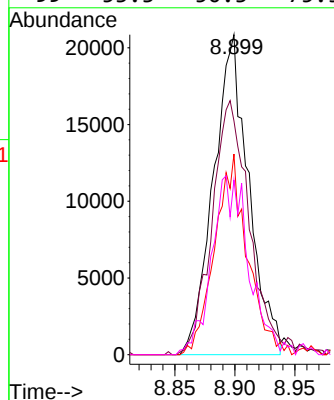
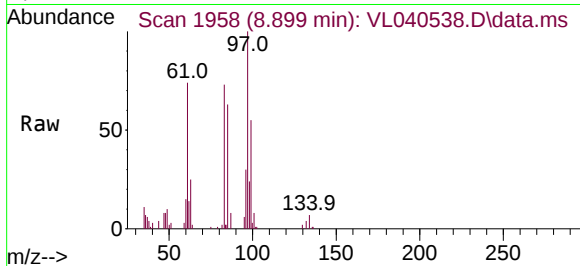




#47
1,1,2-Trichloroethane
Concen: 0.492 ppbv
RT: 8.899 min Scan# 1960
Delta R.T. -0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

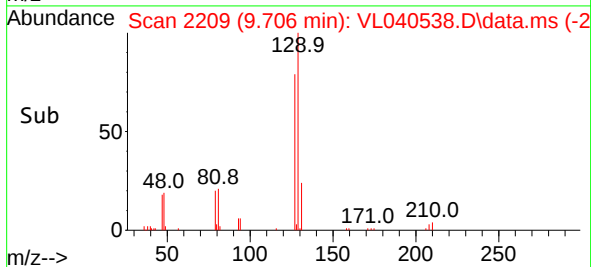
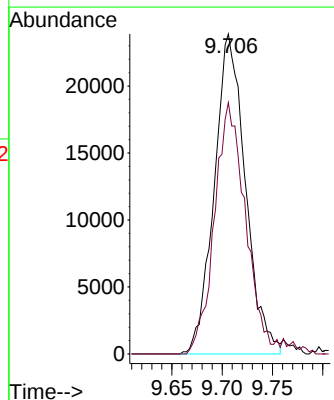
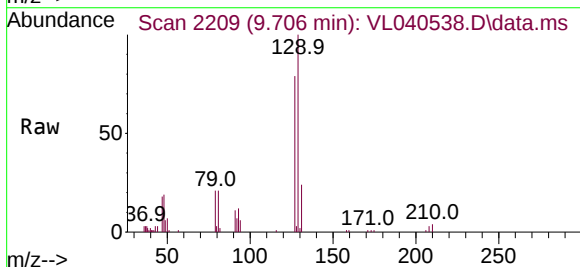
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

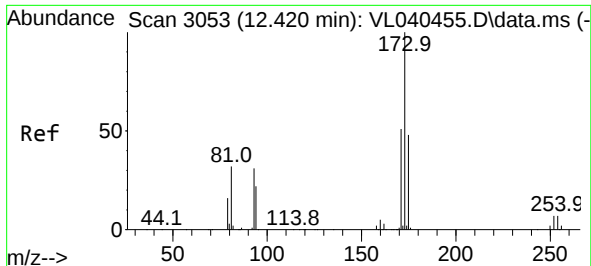
Tgt Ion: 97	Resp: 42520
Ion Ratio	Lower Upper
97 100	
83 72.3	73.4 110.0#
85 62.7	46.6 70.0
99 53.3	50.3 75.5



#48
Dibromochloromethane
Concen: 0.385 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. -0.016 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 129	Resp: 51412
Ion Ratio	Lower Upper
129 100	
127 80.6	39.1 117.3

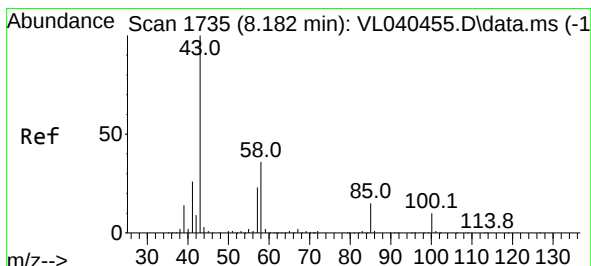
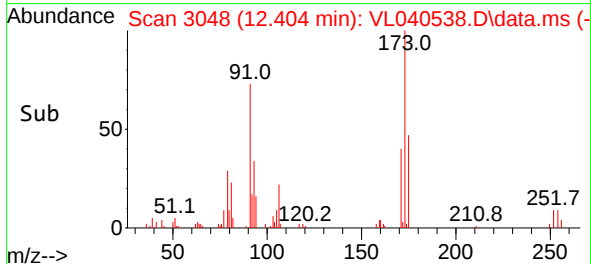
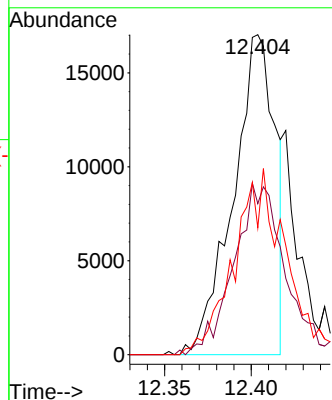
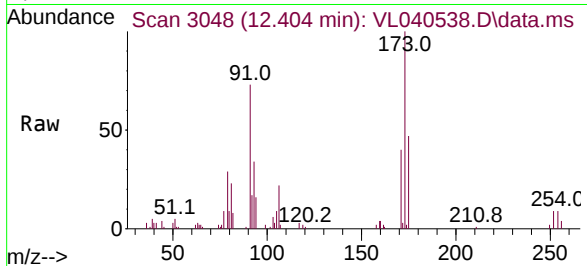




#49
Bromoform
Concen: 0.271 ppbv
RT: 12.404 min Scan# 3053
Delta R.T. -0.019 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

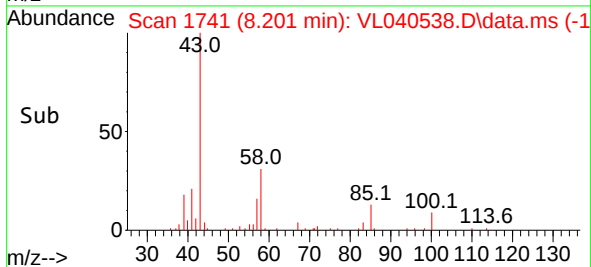
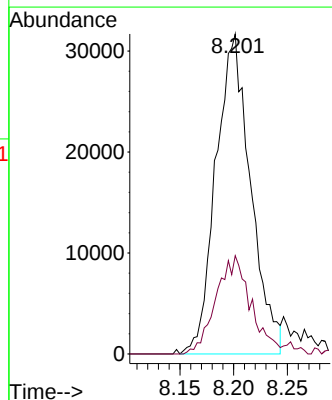
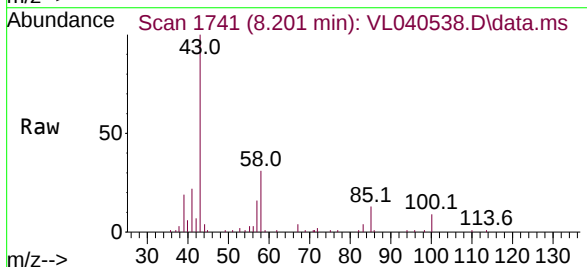
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

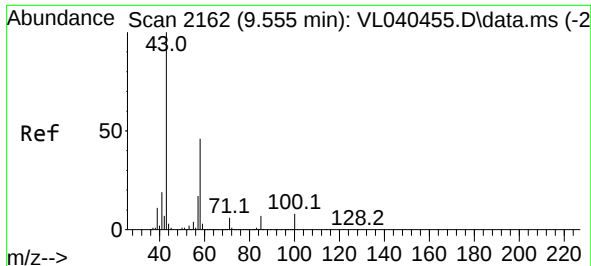
Tgt Ion:173 Resp: 28698
Ion Ratio Lower Upper
173 100
175 66.8 39.5 59.3#
171 71.5 42.2 63.4#



#50
4-Methyl-2-Pentanone
Concen: 0.392 ppbv
RT: 8.201 min Scan# 1741
Delta R.T. 0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 43 Resp: 71168
Ion Ratio Lower Upper
43 100
58 32.3 30.2 45.2

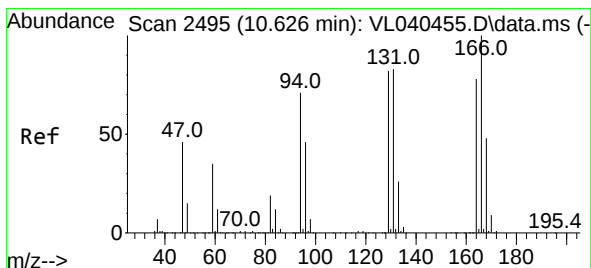
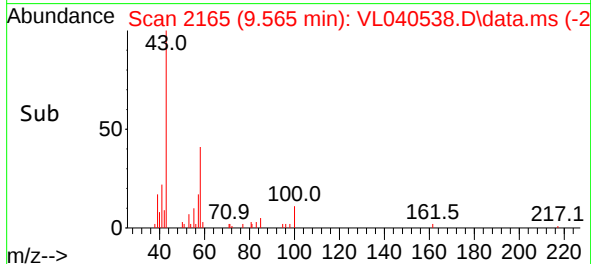
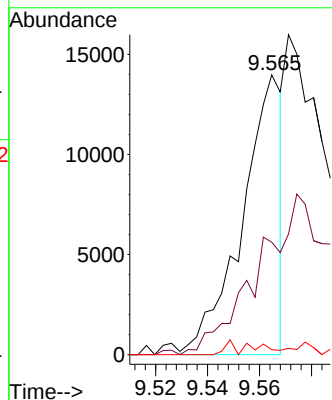
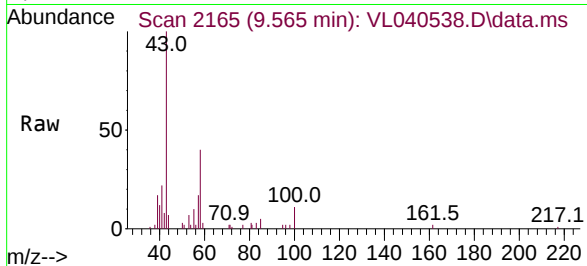




#51
2-Hexanone
Concen: 0.115 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.004 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

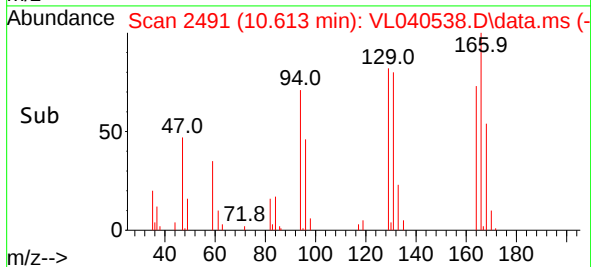
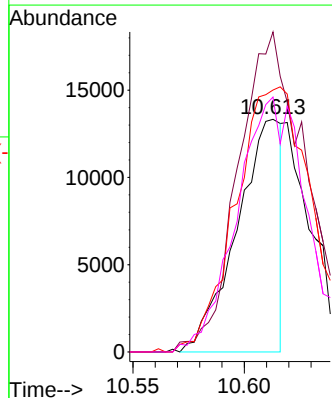
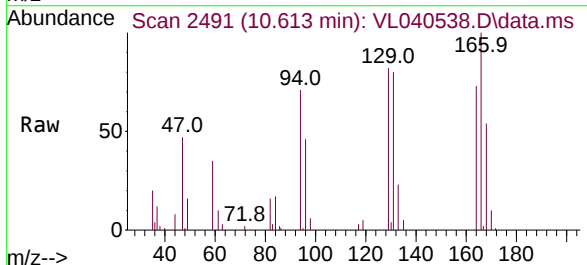
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

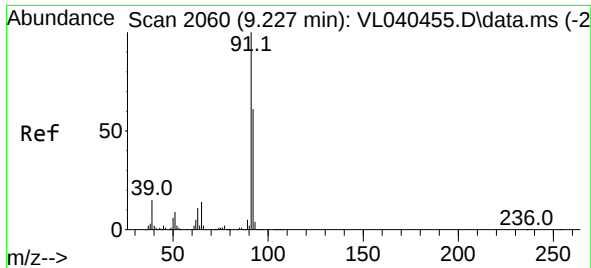
Tgt Ion: 43 Resp: 14814
Ion Ratio Lower Upper
43 100
58 0.0 39.7 59.5#
98 6.6 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.281 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.013 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 164 Resp: 18499
Ion Ratio Lower Upper
164 100
166 133.2 103.9 155.9
129 109.3 84.6 126.8
131 106.2 82.9 124.3

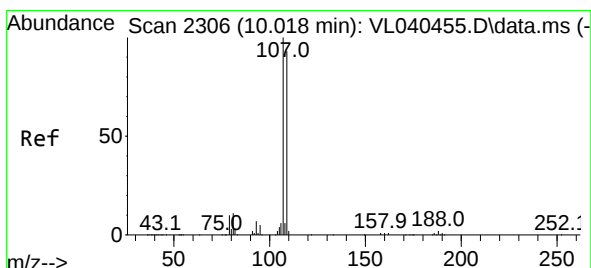
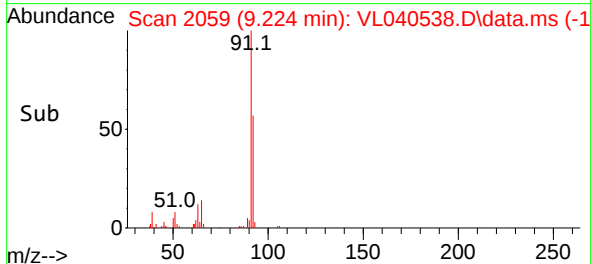
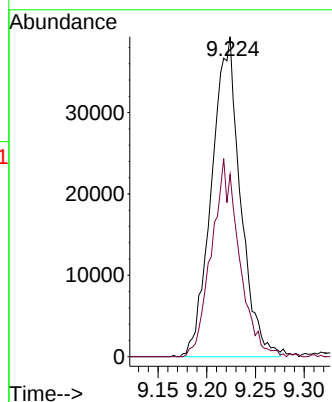
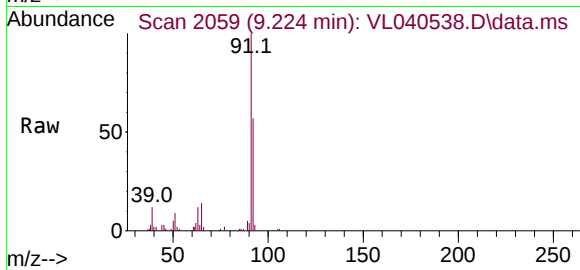




#53
Toluene
Concen: 0.366 ppbv
RT: 9.224 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

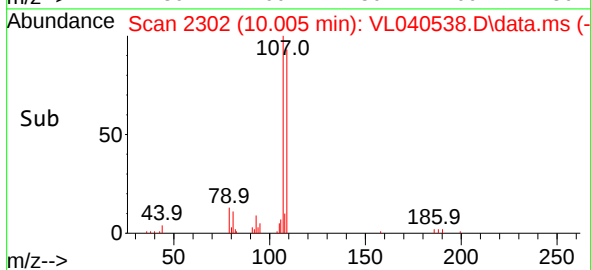
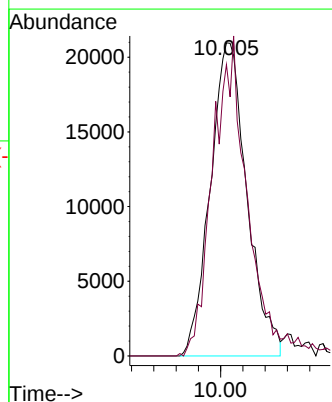
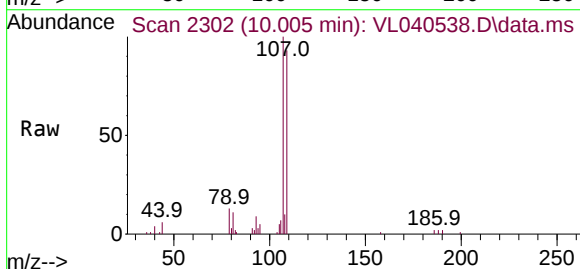
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

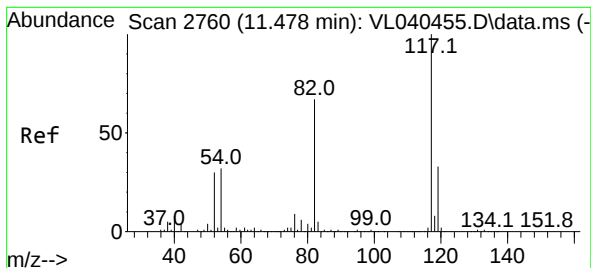
Tgt Ion: 91 Resp: 80905
Ion Ratio Lower Upper
91 100
92 59.7 49.1 73.7



#54
1,2-Dibromoethane
Concen: 0.447 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.016 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 107 Resp: 47969
Ion Ratio Lower Upper
107 100
109 92.3 75.4 113.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2760

Delta R.T. -0.013 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2023

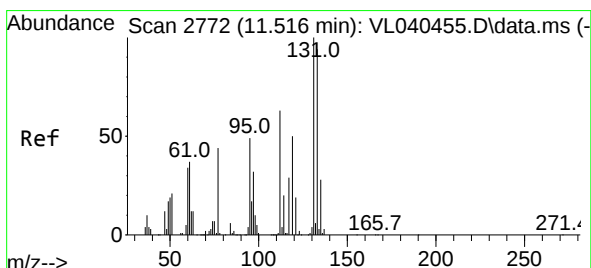
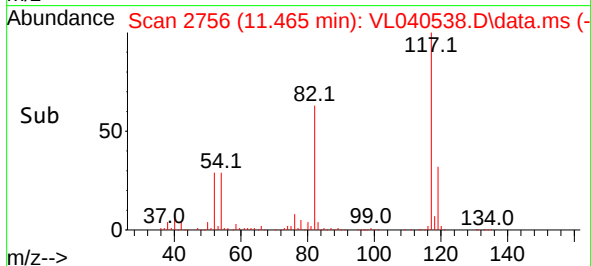
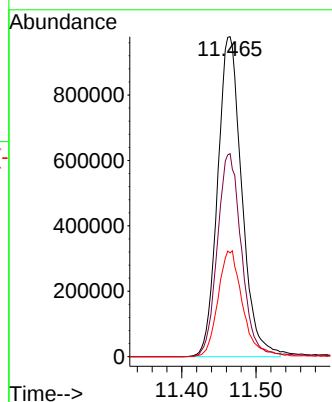
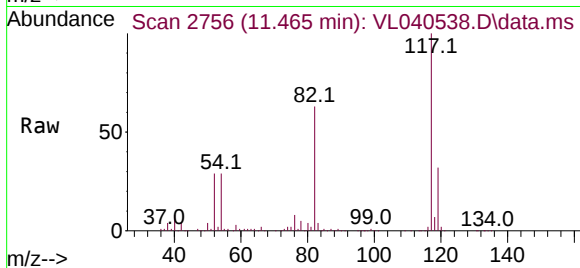
Tgt Ion:117 Resp: 2213290

Ion Ratio Lower Upper

117 100

82 63.7 50.2 75.4

119 34.1 26.9 40.3



#56

1,1,1,2-Tetrachloroethane

Concen: 0.329 ppbv

RT: 11.504 min Scan# 2768

Delta R.T. -0.016 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

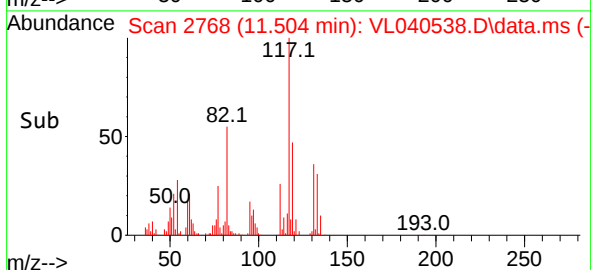
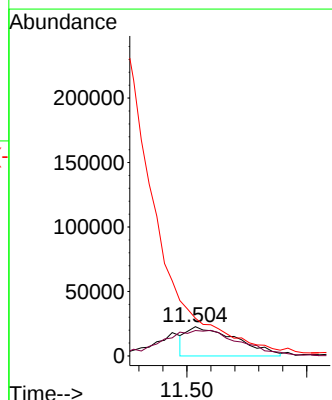
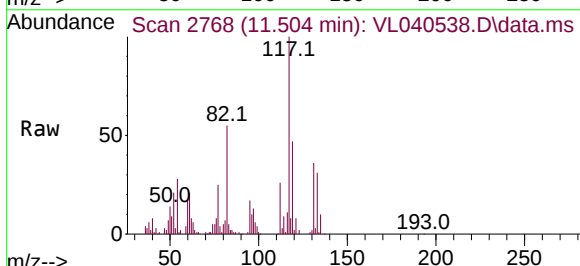
Tgt Ion:131 Resp: 32567

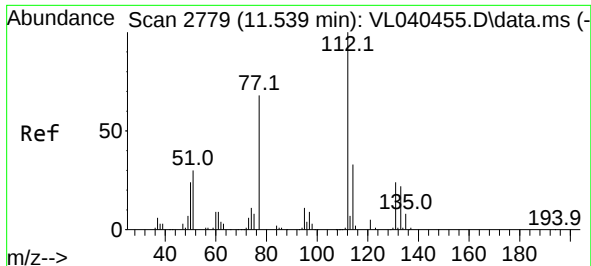
Ion Ratio Lower Upper

131 100

133 144.4 76.3 114.5#

119 0.0 51.1 76.7#

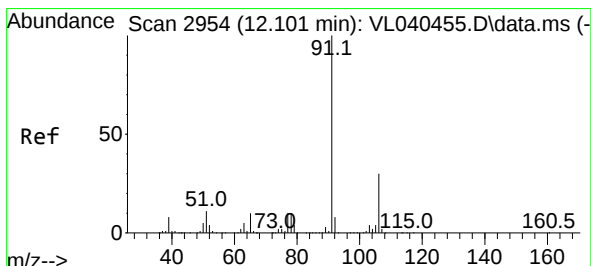
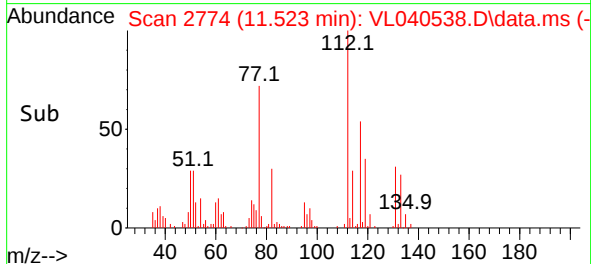
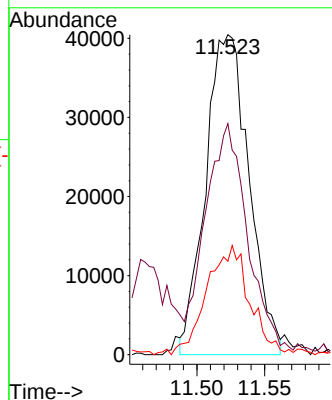
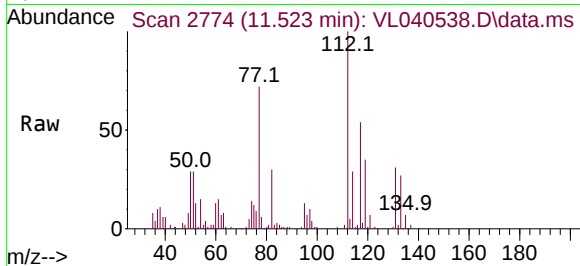




#57
Chlorobenzene
Concen: 0.523 ppbv
RT: 11.523 min Scan# 211
Delta R.T. -0.013 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

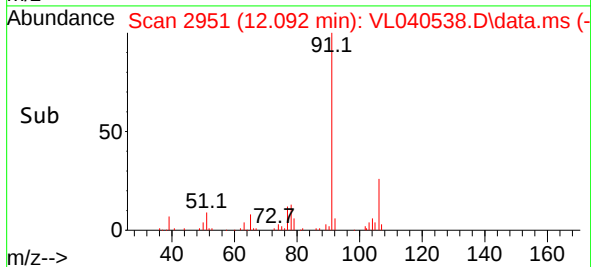
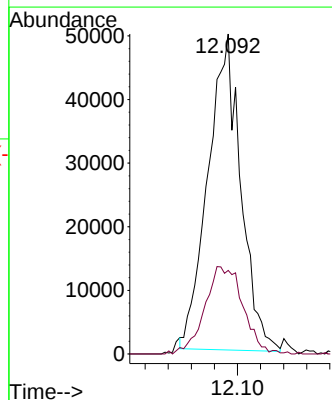
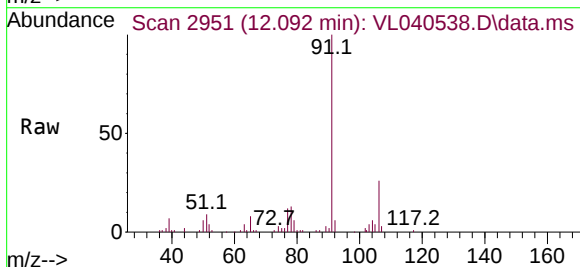
Instrument :
MSVOA_1
ClientSampleId :
LOQ-AIR-02-QT3-2023

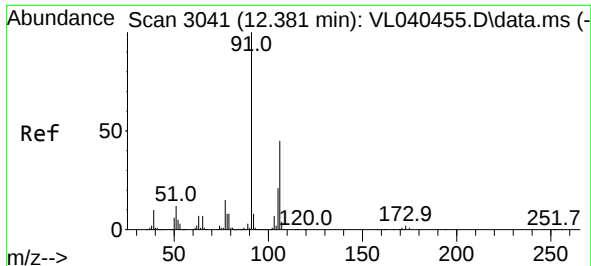
Tgt Ion	Ratio	Lower	Upper
112	100		
77	72.8	51.0	76.6
114	29.0	28.3	34.5



#58
Ethyl Benzene
Concen: 0.353 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion	Ratio	Lower	Upper
91	100		
106	26.2	25.4	38.0





#59

m/p-Xylene

Concen: 0.488 ppbv

RT: 12.365 min Scan# 3041

Delta R.T. -0.019 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

Instrument :

MSVOA_L

ClientSampleId :

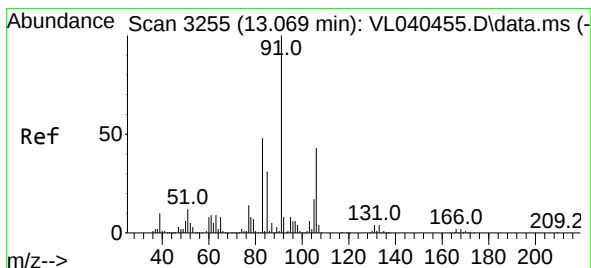
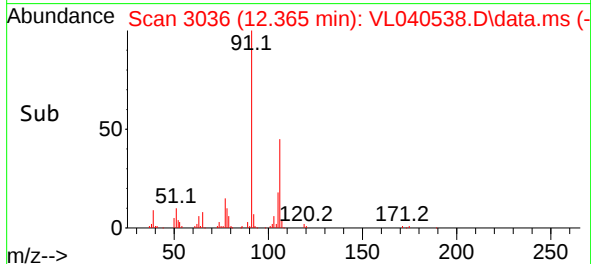
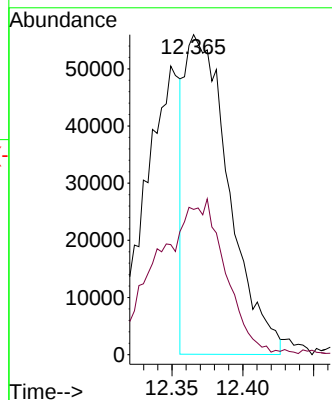
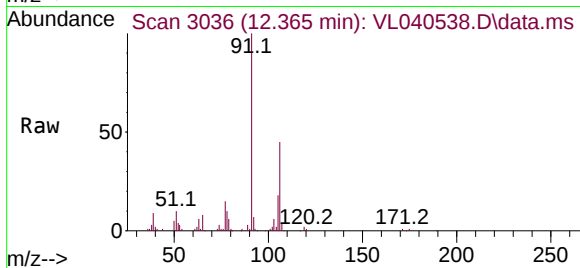
LOQ-AIR-02-QT3-2023

Tgt Ion: 91 Resp: 120861

Ion Ratio Lower Upper

91 100

106 76.6 35.9 53.9#



#60

o-Xylene

Concen: 0.404 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.016 min

Lab File: VL040538.D

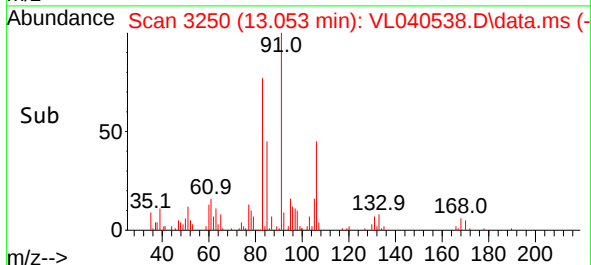
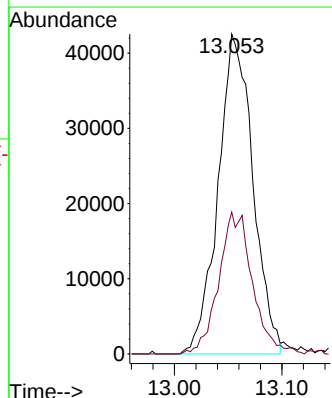
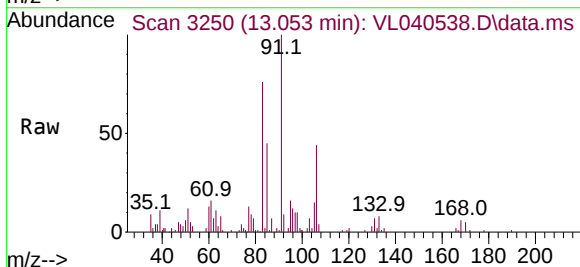
Acq: 14 Jul 2023 22:40

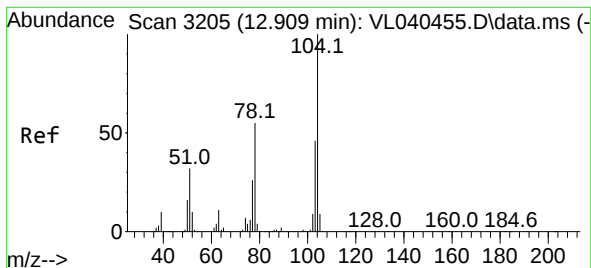
Tgt Ion: 91 Resp: 95464

Ion Ratio Lower Upper

91 100

106 43.6 22.7 68.0





#61

Styrene

Concen: 0.169 ppbv

RT: 12.896 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

Instrument :

MSVOA_1

ClientSampleId :

LOQ-AIR-02-QT3-2023

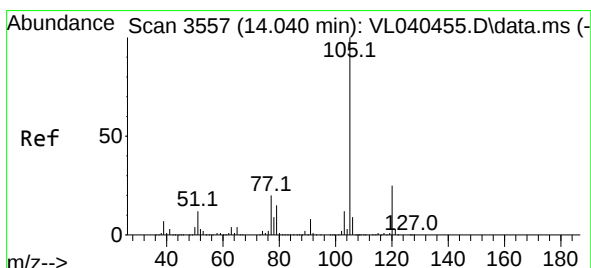
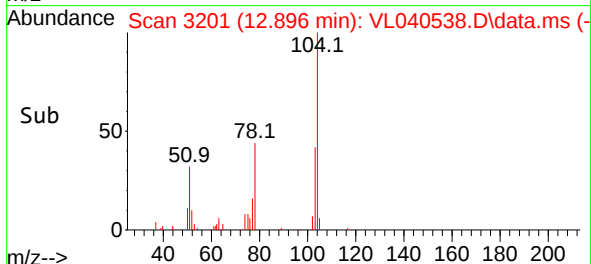
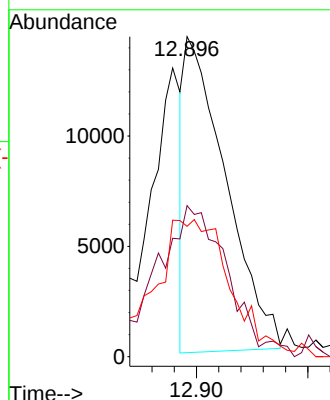
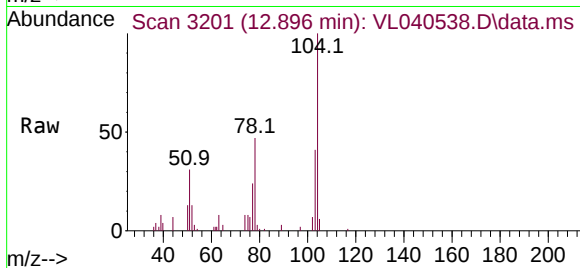
Tgt Ion:104 Resp: 18435

Ion Ratio Lower Upper

104 100

78 84.7 40.1 60.1#

103 81.7 37.0 55.4#



#62

Isopropylbenzene

Concen: 0.458 ppbv

RT: 14.028 min Scan# 3553

Delta R.T. -0.013 min

Lab File: VL040538.D

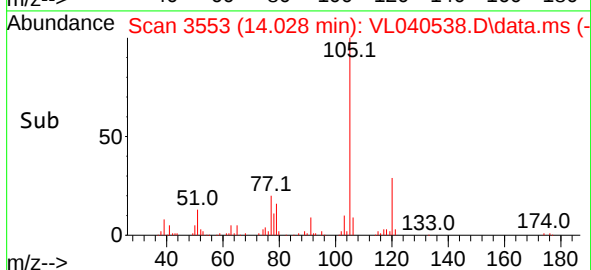
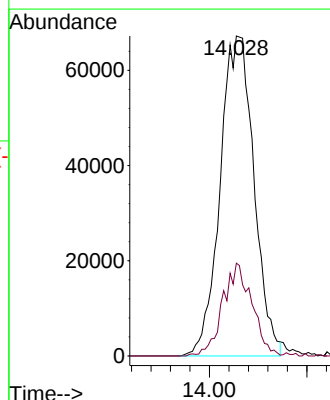
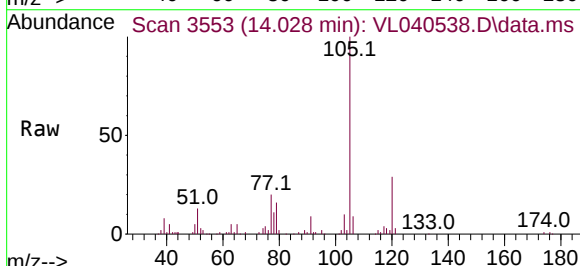
Acq: 14 Jul 2023 22:40

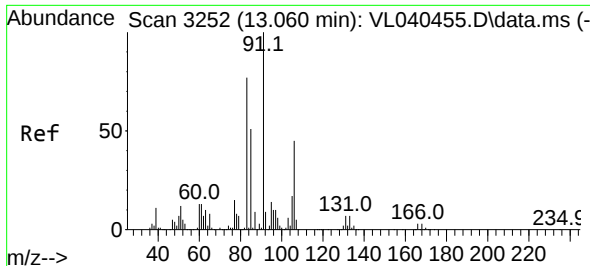
Tgt Ion:105 Resp: 162186

Ion Ratio Lower Upper

105 100

120 25.2 20.8 31.2

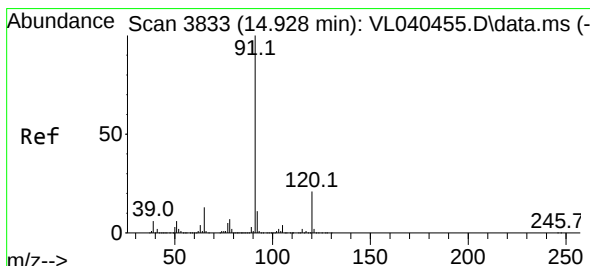
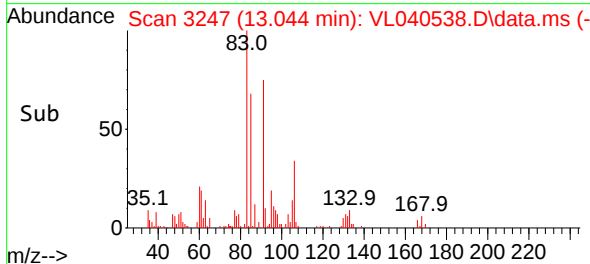
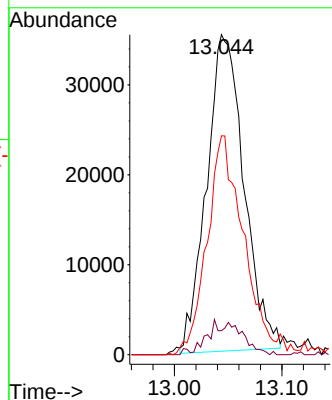
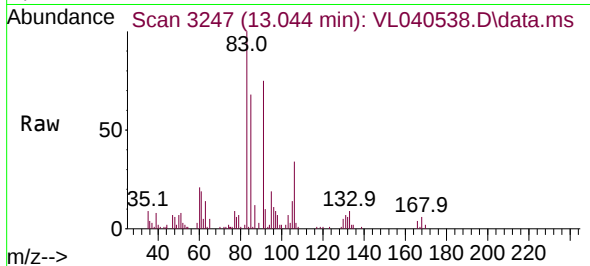




#63
1,1,2,2-Tetrachloroethane
Concen: 0.513 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

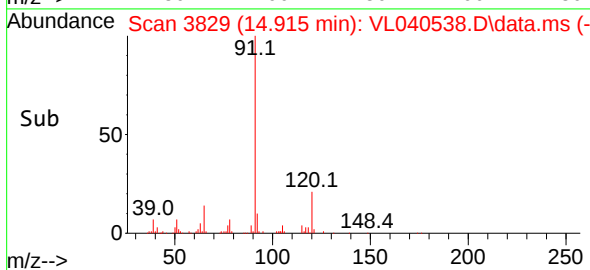
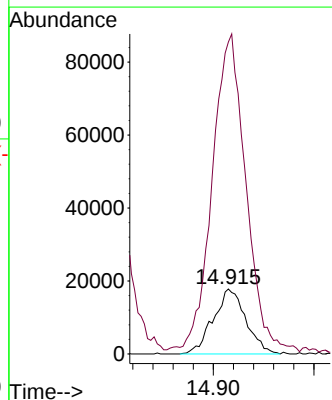
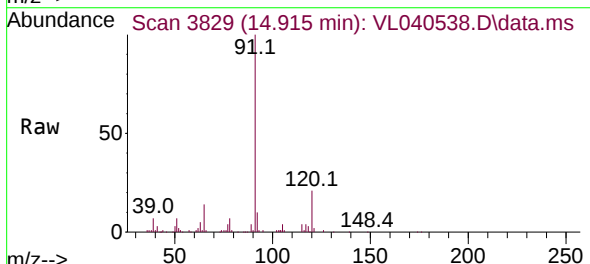
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

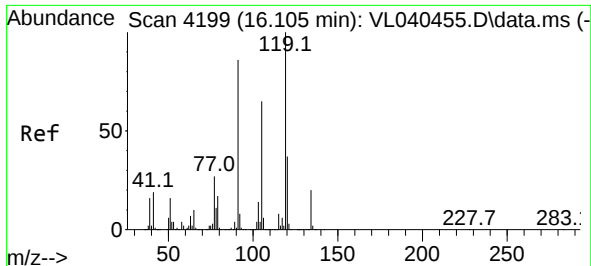
Tgt Ion: 83 Resp: 84905
Ion Ratio Lower Upper
83 100
131 9.9 4.6 13.8
85 68.6 32.8 98.3



#64
n-propylbenzene
Concen: 0.437 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.016 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 120 Resp: 40036
Ion Ratio Lower Upper
120 100
91 519.6 374.3 561.5

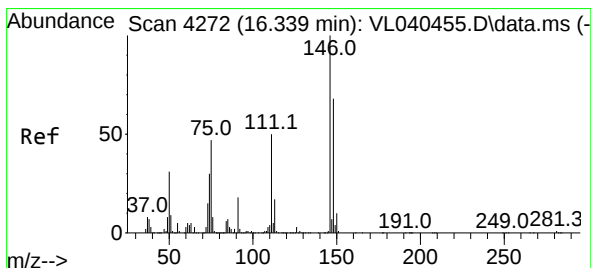
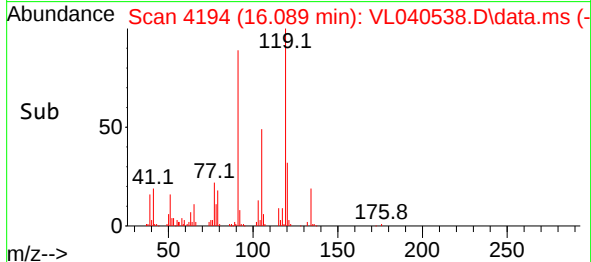
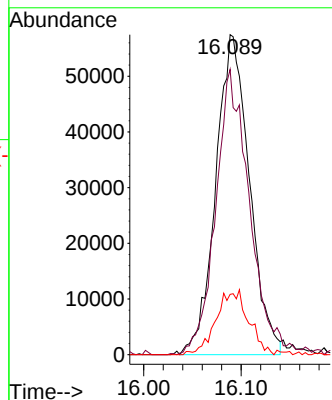
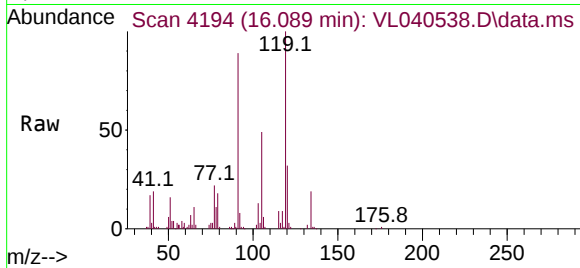




#65
tert-Butylbenzene
Concen: 0.440 ppbv
RT: 16.089 min Scan# 4199
Delta R.T. -0.013 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

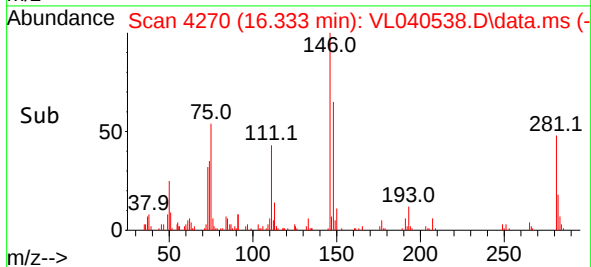
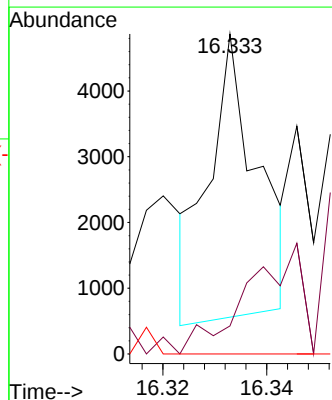
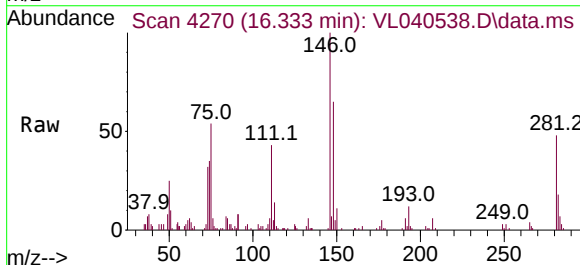
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

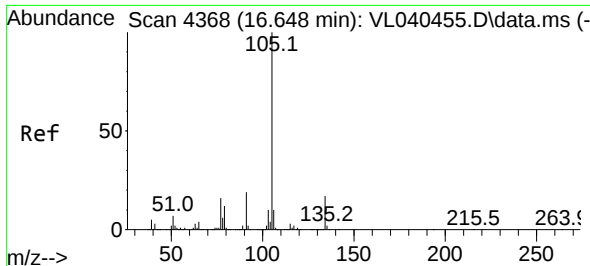
Tgt Ion:119 Resp: 137990
Ion Ratio Lower Upper
119 100
91 89.7 66.1 99.1
134 19.8 15.7 23.5



#66
Benzyl Chloride
Concen: 0.125 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.003 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 91 Resp: 2771
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.5 6.7#

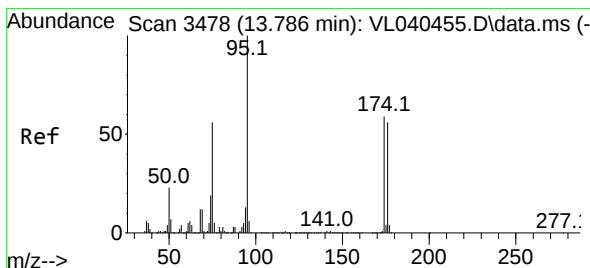
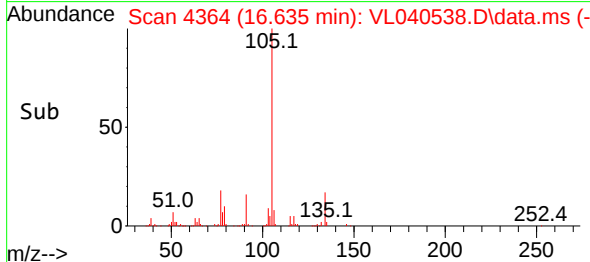
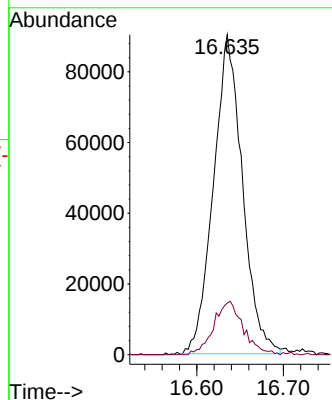
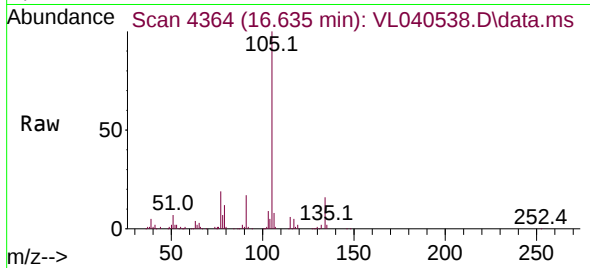




#67
 sec-Butylbenzene
 Concen: 0.455 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040538.D
 Acq: 14 Jul 2023 22:40

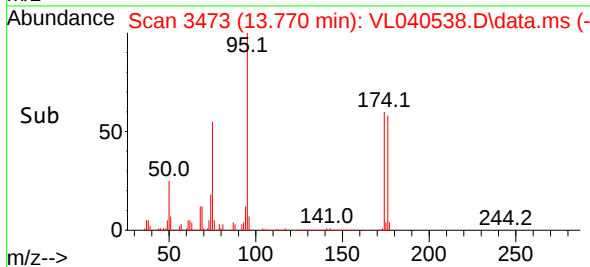
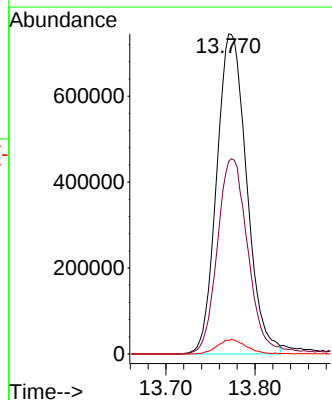
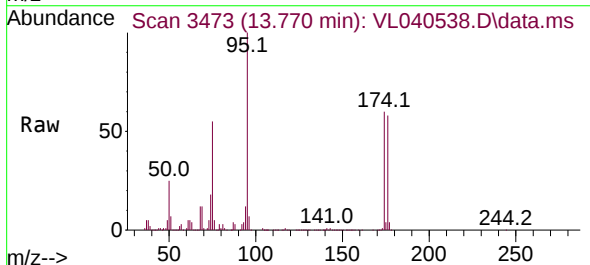
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2023

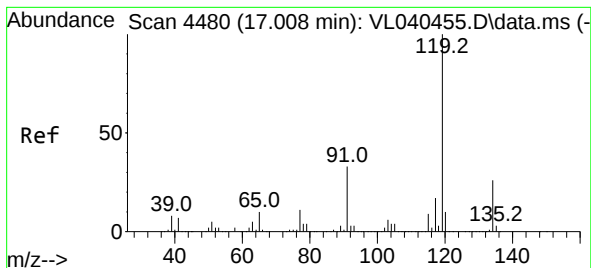
Tgt Ion:105 Resp: 209640
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.935 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.013 min
 Lab File: VL040538.D
 Acq: 14 Jul 2023 22:40

Tgt Ion: 95 Resp: 1740214
 Ion Ratio Lower Upper
 95 100
 174 63.0 50.6 75.8
 175 4.4 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.177 ppbv

RT: 16.989 min Scan# 4480

Delta R.T. -0.016 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2023

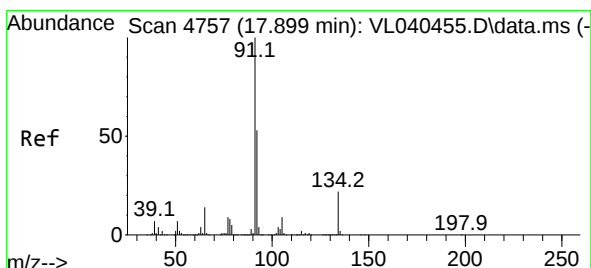
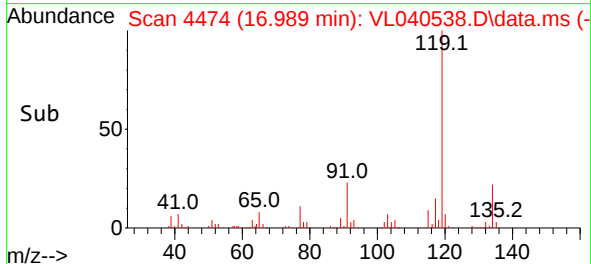
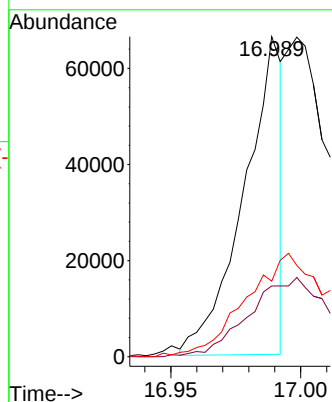
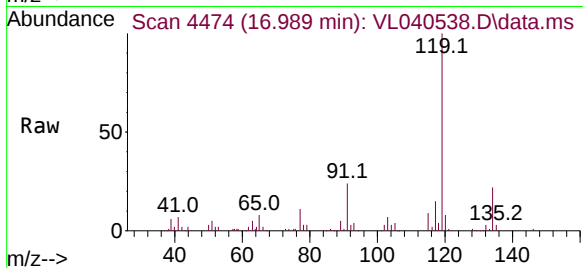
Tgt Ion:119 Resp: 67167

Ion Ratio Lower Upper

119 100

134 0.0 20.5 30.7#

91 0.0 23.8 35.8#



#70

n-Butylbenzene

Concen: 0.416 ppbv

RT: 17.889 min Scan# 4754

Delta R.T. -0.006 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

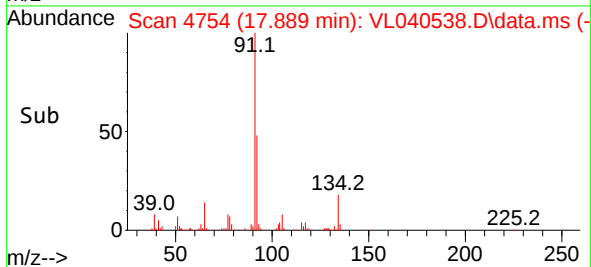
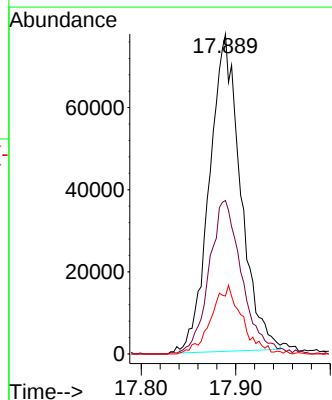
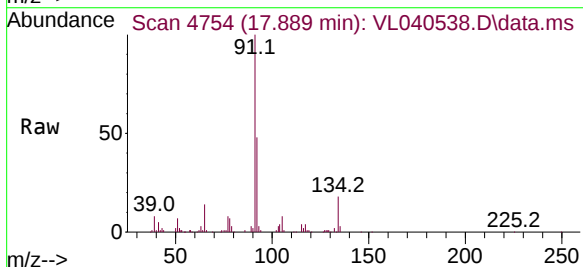
Tgt Ion: 91 Resp: 176610

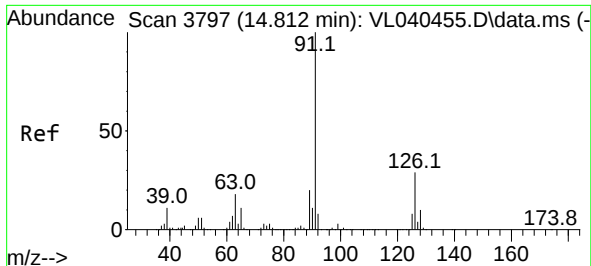
Ion Ratio Lower Upper

91 100

92 51.6 43.4 65.0

134 21.7 18.1 27.1

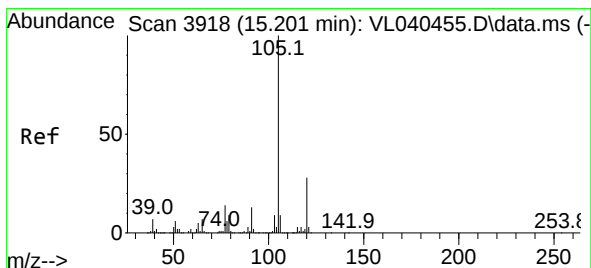
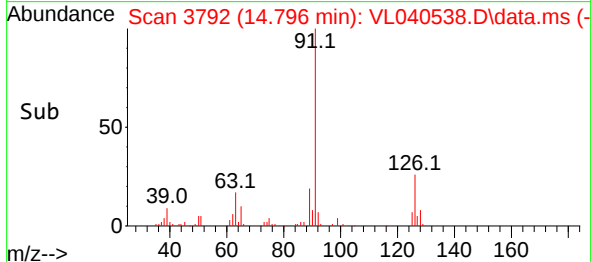
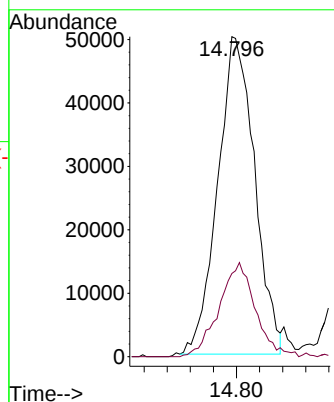
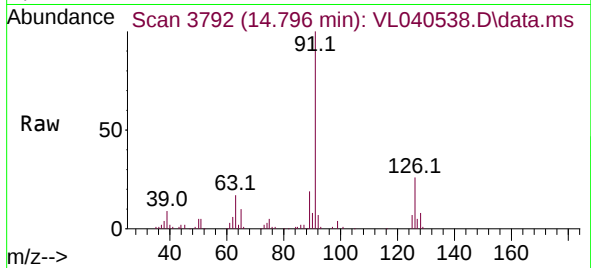




#71
2-Chlorotoluene
Concen: 0.407 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

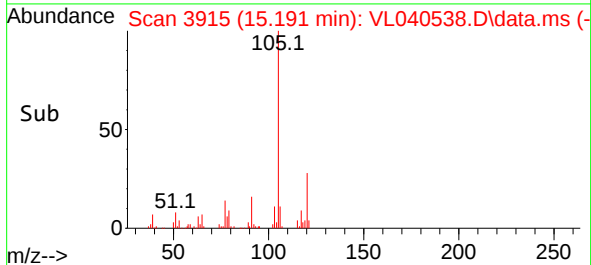
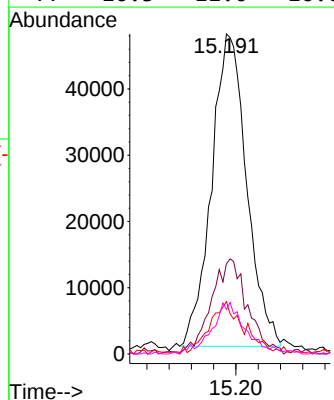
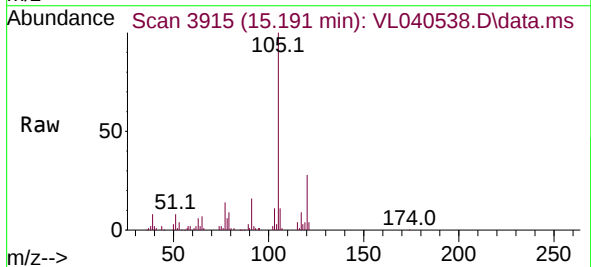
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

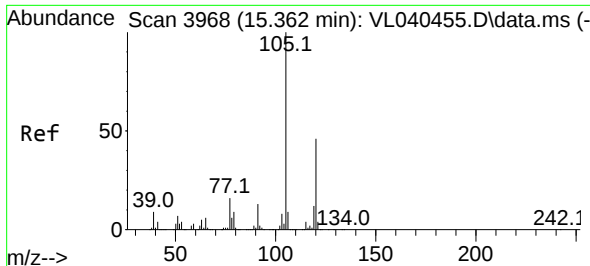
Tgt Ion: 91 Resp: 110970
Ion Ratio Lower Upper
91 100
126 29.3 12.4 49.8



#72
4-Ethyltoluene
Concen: 0.373 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion: 105 Resp: 103178
Ion Ratio Lower Upper
105 100
120 32.3 24.6 37.0
91 17.7 10.7 16.1#
77 16.3 11.0 16.6

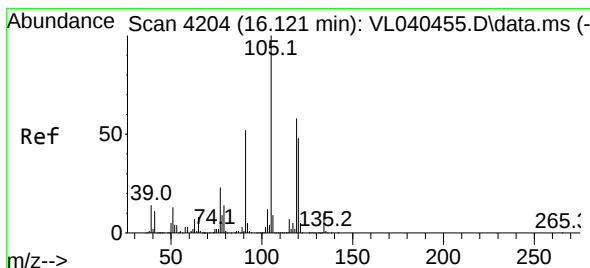
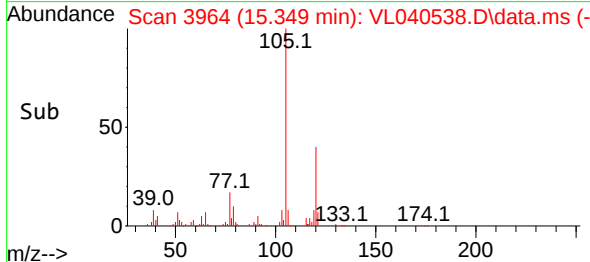
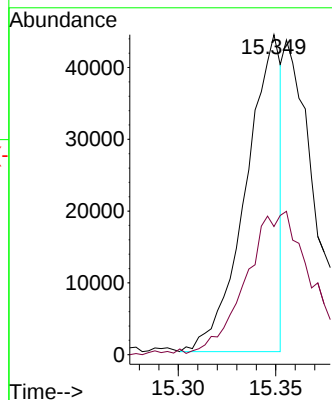
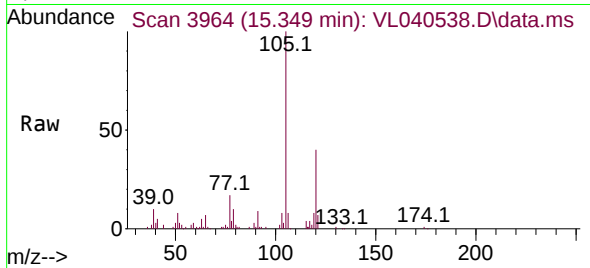




#73
1,3,5-Trimethylbenzene
Concen: 0.227 ppbv
RT: 15.349 min Scan# 3964
Delta R.T. -0.013 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

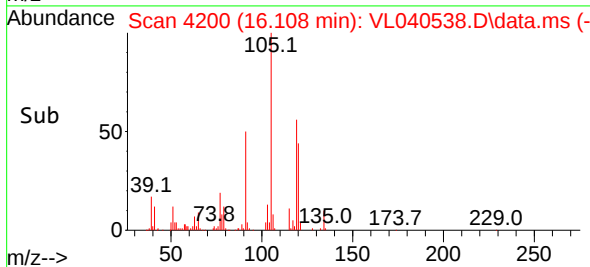
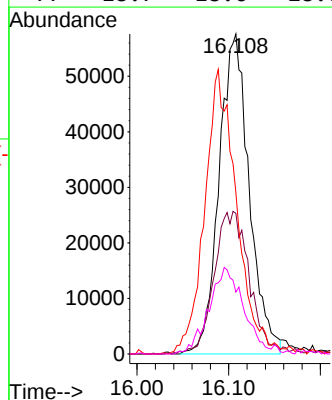
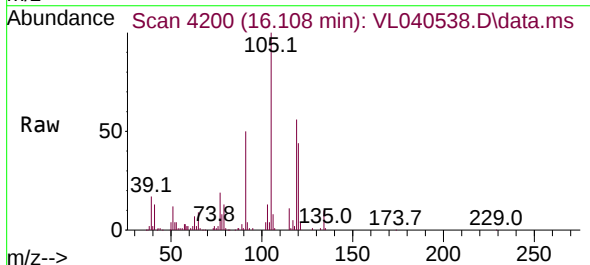
Instrument :
MSVOA_1
ClientSampleId :
LOQ-AIR-02-QT3-2023

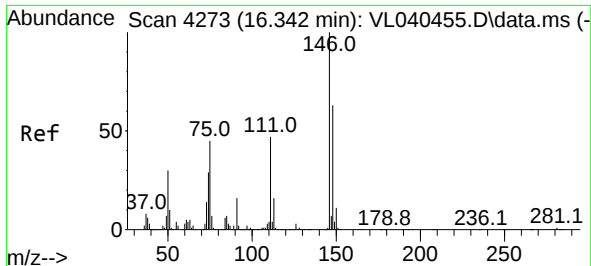
Tgt Ion:105 Resp: 55277
Ion Ratio Lower Upper
105 100
120 38.7 38.2 57.2



#74
1,2,4-Trimethylbenzene
Concen: 0.462 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. -0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion:105 Resp: 131373
Ion Ratio Lower Upper
105 100
120 43.0 40.3 60.5
91 48.9 46.8 70.2
77 18.7 18.6 28.0

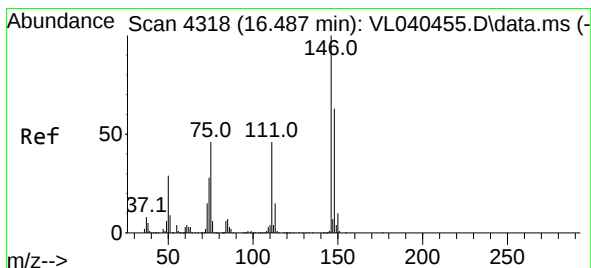
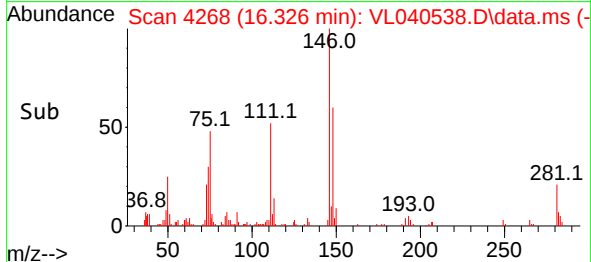
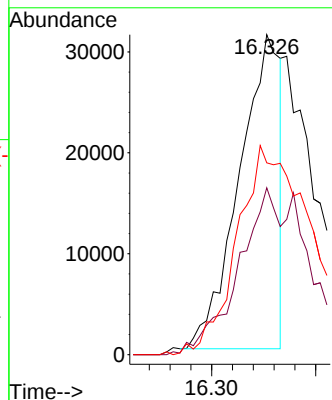
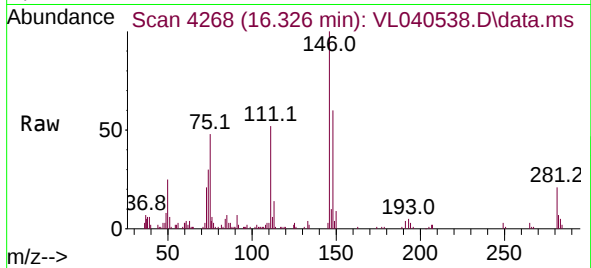




#75
1,3-Dichlorobenzene
Concen: 0.247 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.016 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

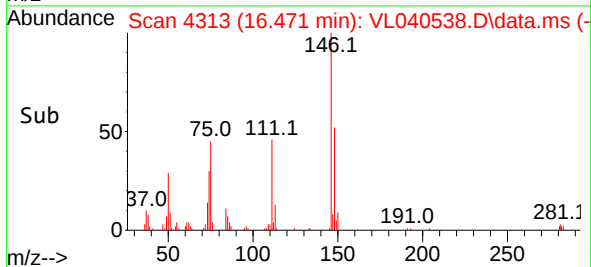
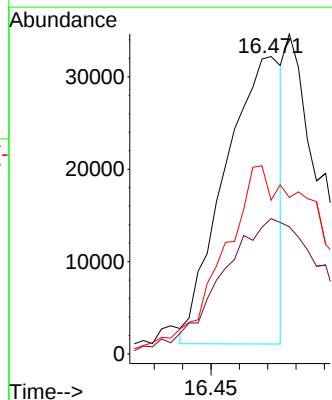
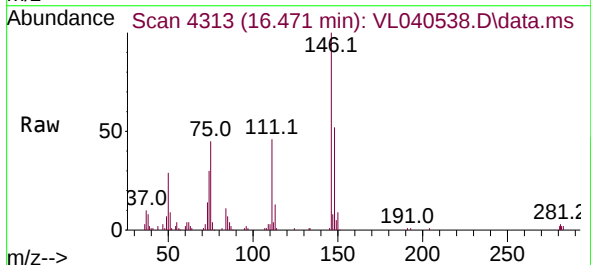
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

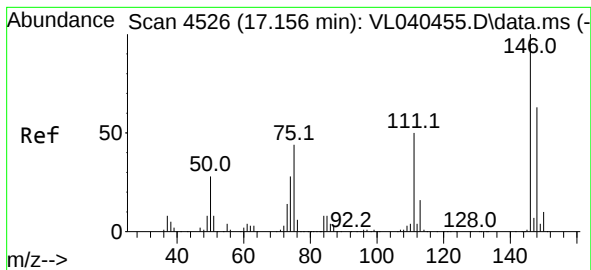
Tgt Ion:146 Resp: 42673
Ion Ratio Lower Upper
146 100
111 102.6 23.6 71.0#
148 128.5 32.2 96.6#



#76
1,4-Dichlorobenzene
Concen: 0.255 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.016 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion:146 Resp: 43185
Ion Ratio Lower Upper
146 100
111 94.1 22.8 68.3#
148 125.8 32.6 97.8#





#77

1,2-Dichlorobenzene

Concen: 0.501 ppbv

RT: 17.146 min Scan# 4

Delta R.T. -0.006 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2023

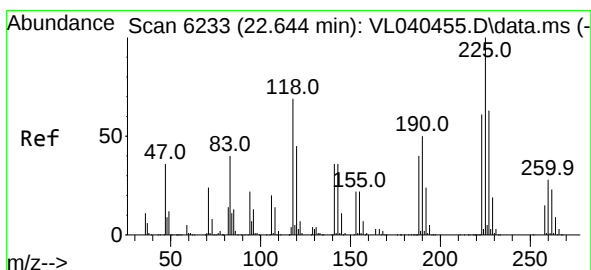
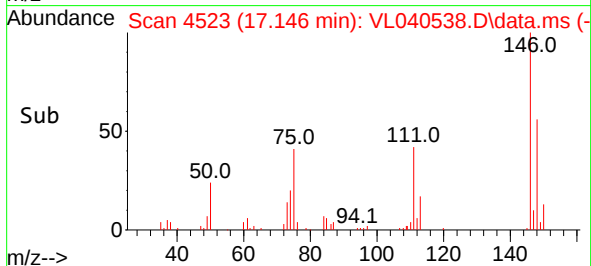
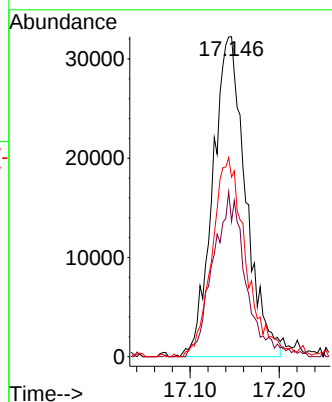
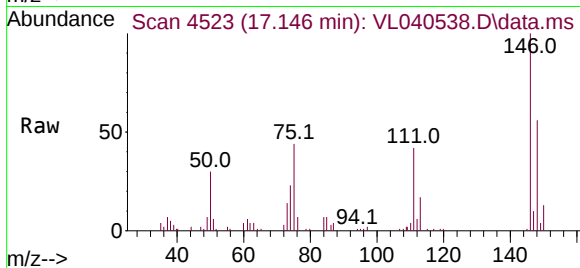
Tgt Ion:146 Resp: 82608

Ion Ratio Lower Upper

146 100

111 51.3 24.3 72.8

148 65.3 32.1 96.3



#78

Hexachloro-1,3-Butadiene

Concen: 0.092 ppbv

RT: 22.625 min Scan# 6227

Delta R.T. -0.022 min

Lab File: VL040538.D

Acq: 14 Jul 2023 22:40

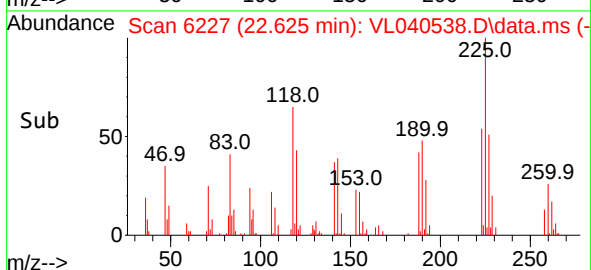
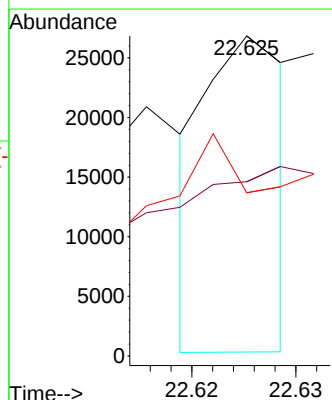
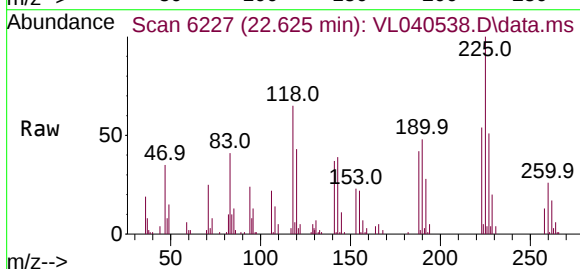
Tgt Ion:225 Resp: 14193

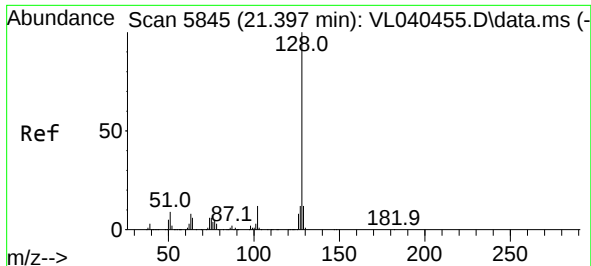
Ion Ratio Lower Upper

225 100

223 0.0 50.3 75.5#

227 350.1 51.0 76.6#

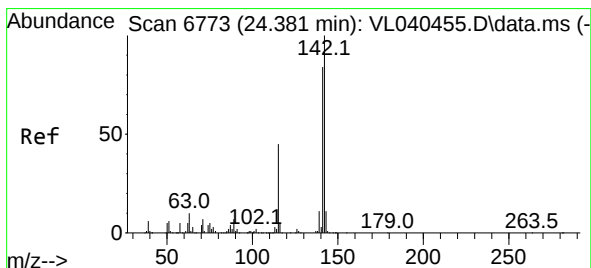
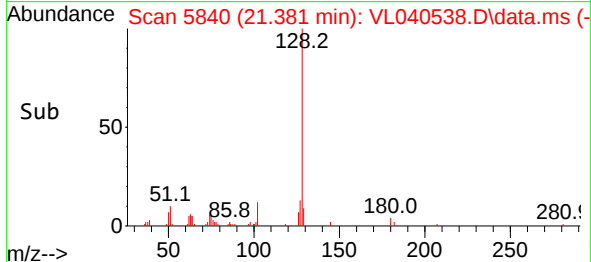
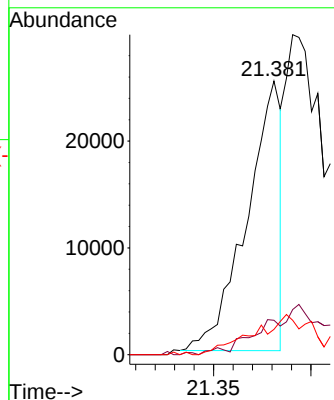
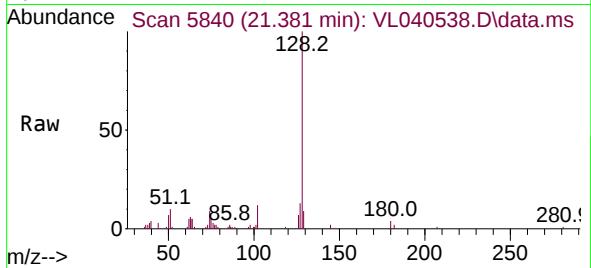




#79
Naphthalene
Concen: 0.128 ppbv
RT: 21.381 min Scan# 5840
Delta R.T. -0.013 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

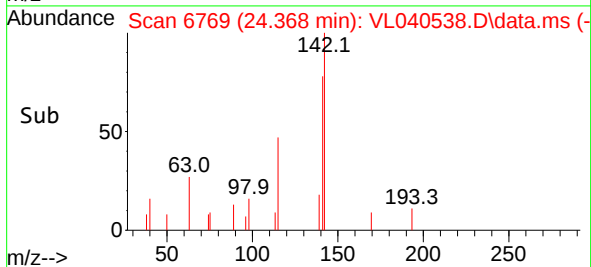
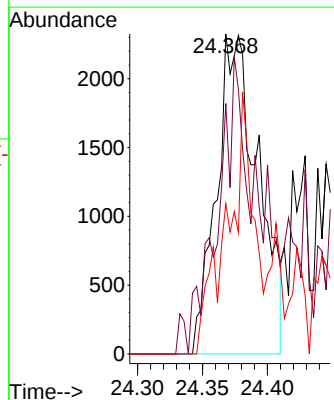
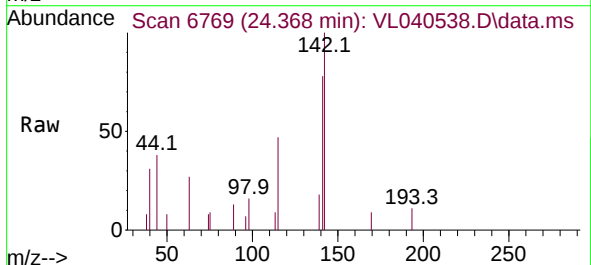
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2023

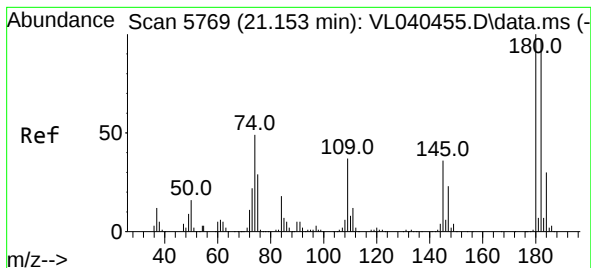
Tgt Ion:128 Resp: 30858
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 9.4 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 0.052 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.010 min
Lab File: VL040538.D
Acq: 14 Jul 2023 22:40

Tgt Ion:142 Resp: 5150
Ion Ratio Lower Upper
142 100
141 89.3 66.7 100.1
115 73.0 33.0 49.6#





#81

1,2,4-Trichlorobenzene

Concen: 0.118 ppbv

RT: 21.130 min Scan# 51

Delta R.T. -0.019 min

Lab File: VL040538.D

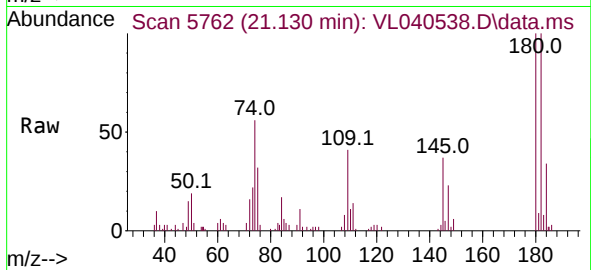
Acq: 14 Jul 2023 22:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2023



Tgt Ion:180 Resp: 19595

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3#

184 0.0 24.5 36.7#

