

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042607.D
 Acq On : 03 Jun 2025 13:02
 Operator : SY/MD
 Sample : Q2126-14 0.1 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

Quant Time: Jun 04 01:48:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	98746	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	272525	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	244961	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	185452	10.099	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.551	85	1332	0.110	ppbv	91
3) Chlorodifluoromethane	1.476	51	2108	0.126	ppbv	95
4) Chloromethane	1.534	50	689	0.143	ppbv	90
5) Vinyl Chloride	1.583	62	649	0.133	ppbv #	75
6) Bromomethane	1.667	94	238	0.100	ppbv #	24
7) Chloroethane	1.706	64	240	0.126	ppbv	98
8) Dichlorotetrafluoroethane	1.551	85	1332	0.132	ppbv	93
9) Propene	1.774	41	782	0.116	ppbv	90
10) Heptane	4.972	43	1193	0.063	ppbv #	52
11) Trichlorofluoromethane	2.136	101	829	0.073	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.136	101	829	0.093	ppbv #	78
13) Ethanol	1.719	45	471	0.587	ppbv #	39
14) Bromoethene	1.777	108	341	0.102	ppbv #	46
15) Acetone	1.835	43	1892	0.159	ppbv	91
16) 1,3-Butadiene	1.609	39	858	0.152	ppbv #	73
17) tert-Butyl alcohol	2.046	59	1684	0.136	ppbv	95
18) 1,1-Dichloroethene	2.030	96	429	0.104	ppbv #	44
19) Isopropyl Alcohol	1.887	45	1111	0.156	ppbv #	50
20) Methylene Chloride	2.059	84	1242	0.316	ppbv #	77
21) Allyl Chloride	2.094	41	1345	0.160	ppbv #	71
22) trans-1,2-Dichloroethene	2.334	96	566	0.123	ppbv #	87
23) Vinyl Acetate	2.463	43	2240	0.139	ppbv #	93
24) 1,1-Dichloroethane	2.408	63	1256	0.133	ppbv	97
25) Ethyl Acetate	2.839	43	1475	0.045	ppbv #	60
26) Hexane	2.823	57	1559	0.105	ppbv #	76
27) Carbon Disulfide	2.146	76	1240	0.109	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	788	0.131	ppbv #	77
29) Chloroform	2.842	83	2410	0.125	ppbv	98
30) Cyclohexane	3.845	84	602	0.049	ppbv #	1
31) cis-1,2-Dichloroethene	2.719	61	1585	0.117	ppbv #	83
32) 1,1,1-Trichloroethane	3.366	97	2289	0.116	ppbv	98
34) 2-Butanone	2.560	43	2504	0.129	ppbv	96
35) Carbon Tetrachloride	3.758	117	1969	0.109	ppbv #	71
36) Benzene	3.651	78	3270	0.122	ppbv #	88
37) 1,2-Dichloroethane	3.211	62	1311	0.098	ppbv #	78
38) Trichloroethene	4.541	130	785	0.069	ppbv #	72
39) 1,2-Dichloropropane	3.955	63	67614	6.813	ppbv #	22
40) 1,4-Dioxane	4.609	88	156	0.035	ppbv #	24
41) Tetrahydrofuran	3.049	42	31	0.003	ppbv #	39
42) Bromodichloromethane	4.486	83	1722	0.091	ppbv #	54
43) Methyl Methacrylate	4.878	69	237	0.023	ppbv #	1
44) 2,2,4-Trimethylpentane	4.638	57	1165	0.025	ppbv #	1
45) t-1,3-Dichloropropene	6.412	75	738	0.062	ppbv #	80

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042607.D
 Acq On : 03 Jun 2025 13:02
 Operator : SY/MD
 Sample : Q2126-14 0.1 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

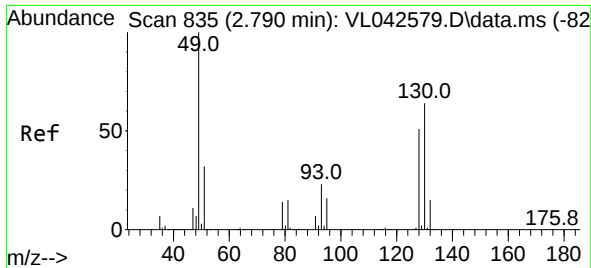
Quant Time: Jun 04 01:48:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.596	75	827	0.055	ppbv	#	55
47) 1,1,2-Trichloroethane	6.577	97	484	0.047	ppbv	#	73
48) Dibromochloromethane	7.380	129	897	0.055	ppbv	#	10
49) Bromoform	9.480	173	1467	0.103	ppbv		96
50) 4-Methyl-2-Pentanone	5.755	43	364	0.014	ppbv	#	39
51) 2-Hexanone	7.454	43	1231	0.058	ppbv	#	75
52) Tetrachloroethene	8.221	164	988	0.099	ppbv	#	55
53) Toluene	6.930	91	1275	0.041	ppbv	#	20
54) 1,2-Dibromoethane	7.652	107	1227	0.081	ppbv		98
56) 1,1,1,2-Tetrachloroethane	8.920	131	1517	0.123	ppbv	#	53
57) Chlorobenzene	8.917	112	2902	0.122	ppbv	#	80
58) Ethyl Benzene	9.555	91	1770	0.043	ppbv		98
59) m/p-Xylene	9.532	91	2205	0.067	ppbv	#	1
60) o-Xylene	9.963	91	3119	0.096	ppbv		95
61) Styrene	9.869	104	888	0.058	ppbv	#	60
62) Isopropylbenzene	10.536	105	4667	0.097	ppbv		95
63) 1,1,2,2-Tetrachloroethane	9.956	83	1298	0.063	ppbv	#	25
64) n-propylbenzene	10.992	120	1113	0.086	ppbv		98
65) tert-Butylbenzene	11.529	119	3690	0.084	ppbv	#	94
66) Benzyl Chloride	11.613	91	170	0.030	ppbv	#	64
67) sec-Butylbenzene	11.769	105	5082	0.083	ppbv		99
69) p-Isopropyltoluene	11.921	119	3686	0.072	ppbv	#	90
70) n-Butylbenzene	12.280	91	3779	0.074	ppbv	#	92
71) 2-Chlorotoluene	10.901	91	3893	0.106	ppbv		96
72) 4-Ethyltoluene	11.125	105	3451	0.085	ppbv	#	92
73) 1,3,5-Trimethylbenzene	11.199	105	1838	0.055	ppbv		95
74) 1,2,4-Trimethylbenzene	11.536	105	3020	0.081	ppbv		95
75) 1,3-Dichlorobenzene	11.607	146	2311	0.099	ppbv		91
76) 1,4-Dichlorobenzene	11.672	146	2018	0.086	ppbv		98
77) 1,2-Dichlorobenzene	11.947	146	2527	0.111	ppbv		99
78) Hexachloro-1,3-Butadiene	13.879	225	2290	0.122	ppbv		98
79) Naphthalene	13.513	128	1649	0.047	ppbv	#	83
80) Naphthalene,2-methyl-	14.471	142	284	0.018	ppbv	#	70
81) 1,2,4-Trichlorobenzene	13.449	180	443	0.023	ppbv	#	13

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

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

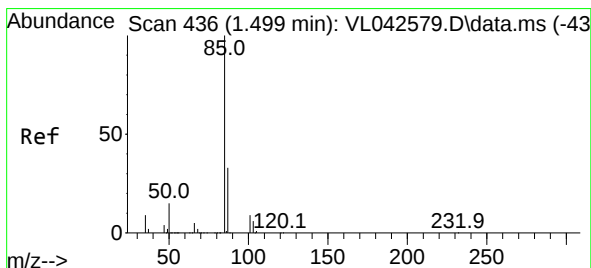
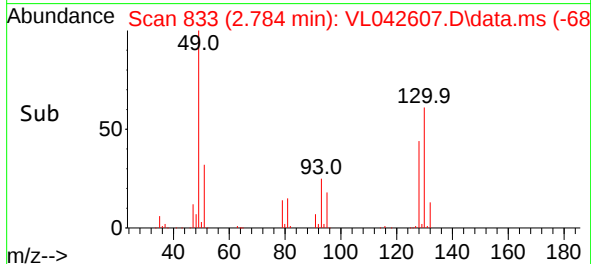
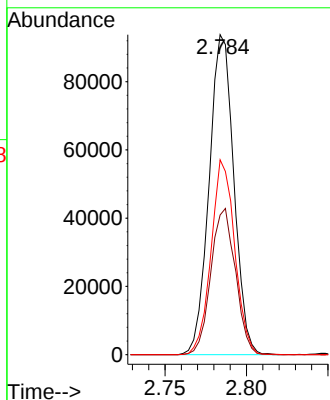
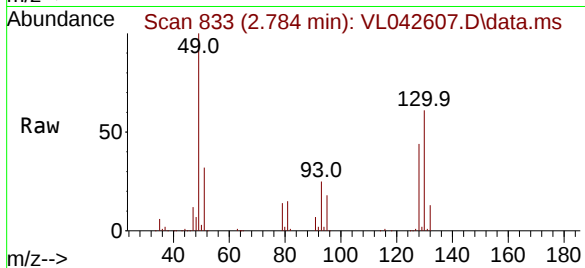
[illegible]



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

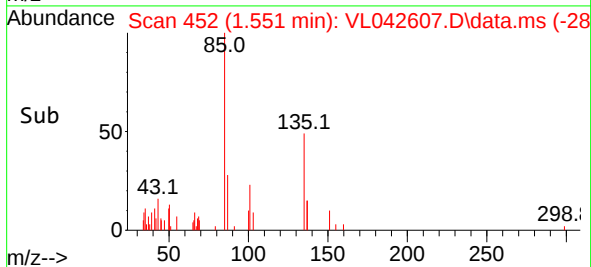
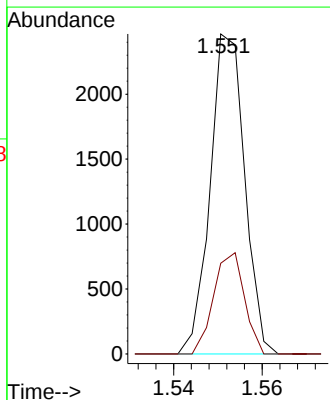
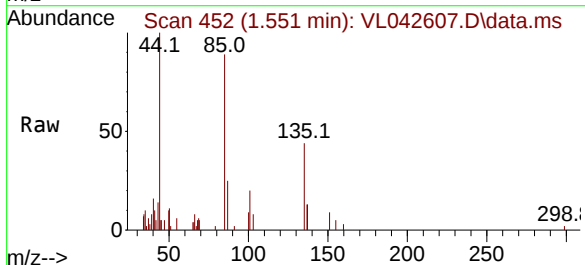
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

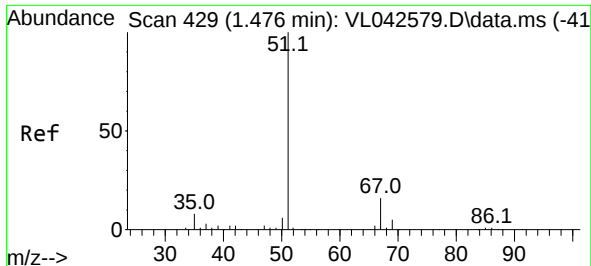
Tgt Ion: 49 Resp: 98746
Ion Ratio Lower Upper
49 100
128 45.5 24.2 72.6
130 58.3 30.4 91.2



#2
Dichlorodifluoromethane
Concen: 0.110 ppbv
RT: 1.551 min Scan# 452
Delta R.T. 0.052 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 85 Resp: 1332
Ion Ratio Lower Upper
85 100
87 28.3 26.6 39.8





#3

Chlorodifluoromethane

Concen: 0.126 ppbv

RT: 1.476 min Scan# 429

Delta R.T. 0.000 min

Lab File: VL042607.D

Acq: 03 Jun 2025 13:02

Instrument :

MSVOA_L

ClientSampleId :

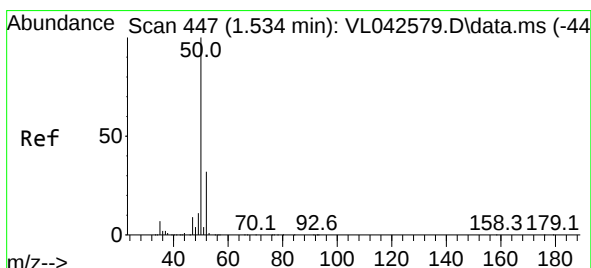
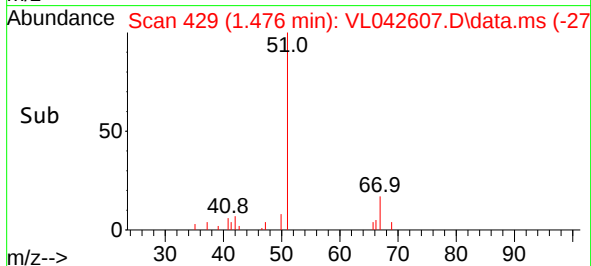
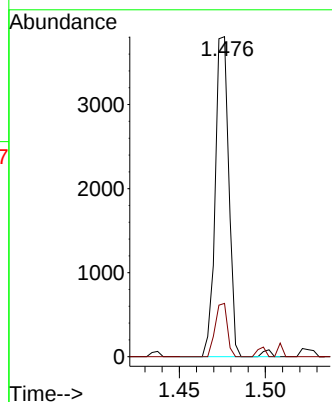
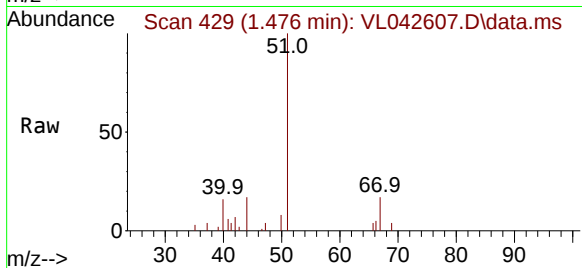
LOQ-AIR-02-QT2-2025

Tgt Ion: 51 Resp: 2108

Ion Ratio Lower Upper

51 100

67 14.7 13.4 20.2



#4

Chloromethane

Concen: 0.143 ppbv

RT: 1.534 min Scan# 447

Delta R.T. 0.000 min

Lab File: VL042607.D

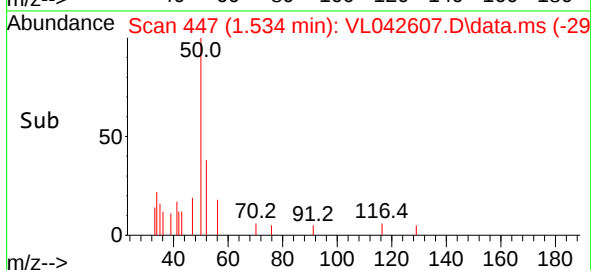
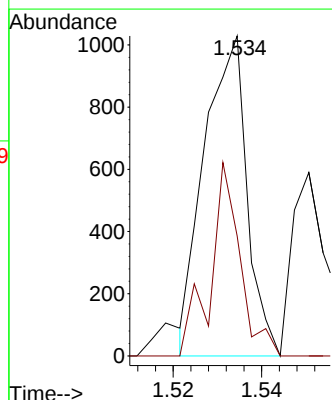
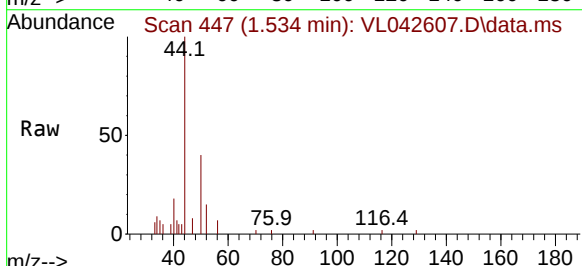
Acq: 03 Jun 2025 13:02

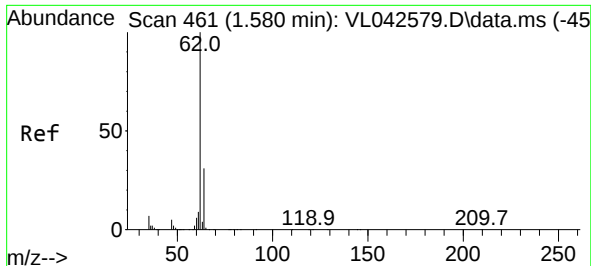
Tgt Ion: 50 Resp: 689

Ion Ratio Lower Upper

50 100

52 37.5 25.8 38.6

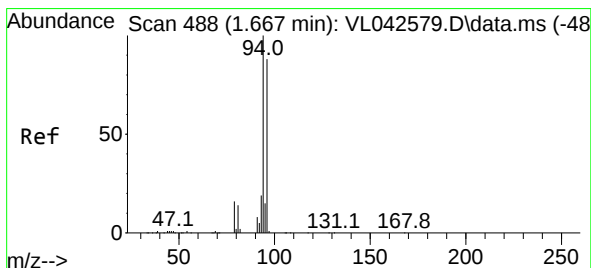
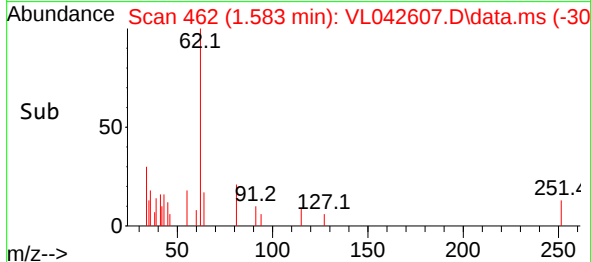
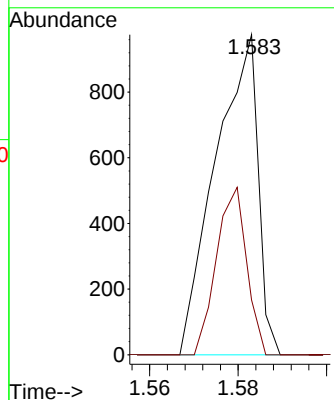
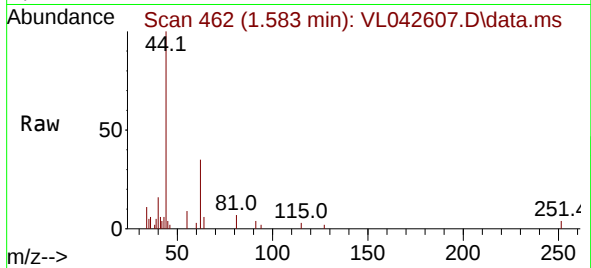




#5
 Vinyl Chloride
 Concen: 0.133 ppbv
 RT: 1.583 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

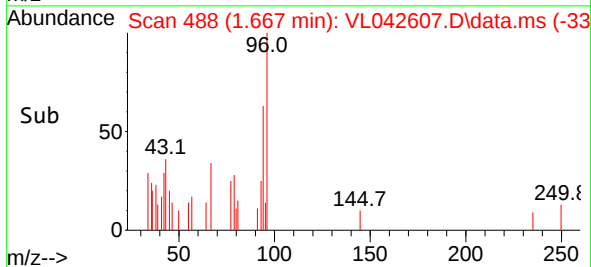
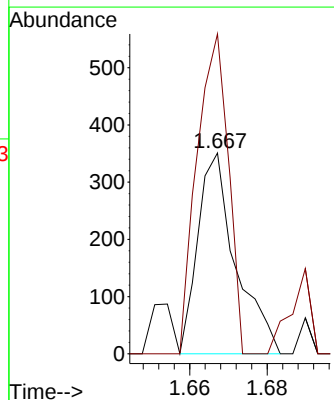
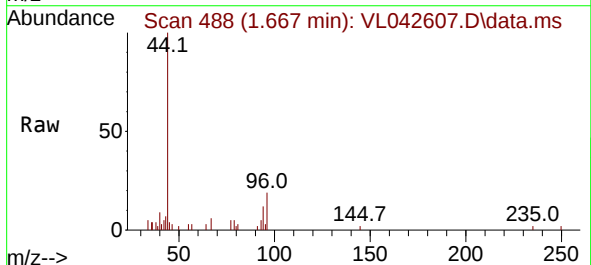
Instrument :
 MSVOA_1
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

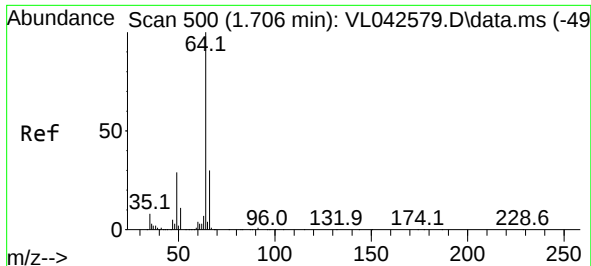
Tgt Ion: 62 Resp: 649
 Ion Ratio Lower Upper
 62 100
 64 17.1 24.9 37.3#



#6
 Bromomethane
 Concen: 0.100 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

Tgt Ion: 94 Resp: 238
 Ion Ratio Lower Upper
 94 100
 96 159.3 70.7 106.1#

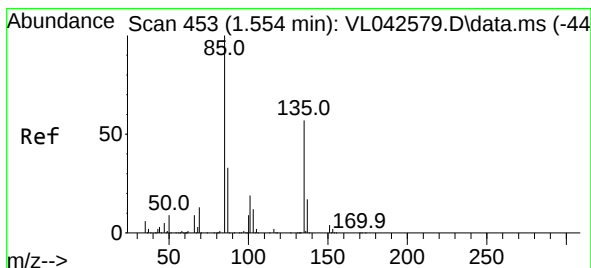
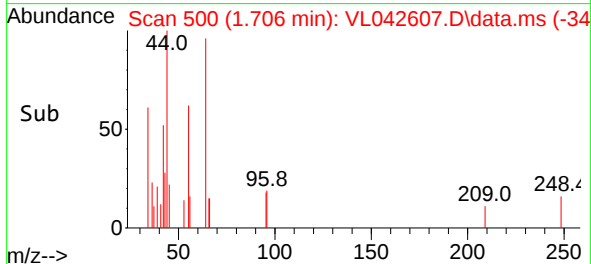
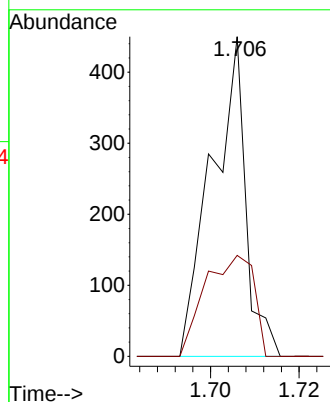
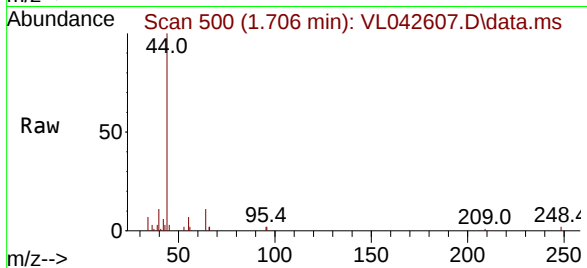




#7
Chloroethane
Concen: 0.126 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

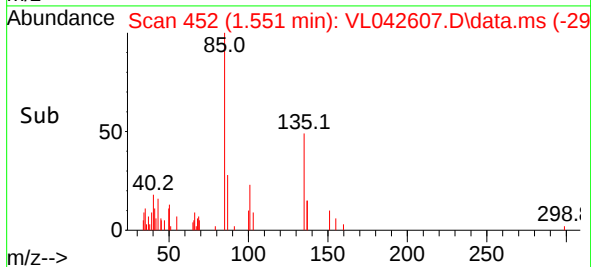
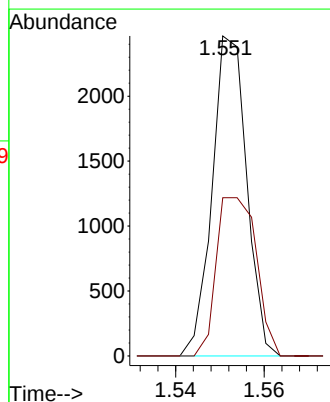
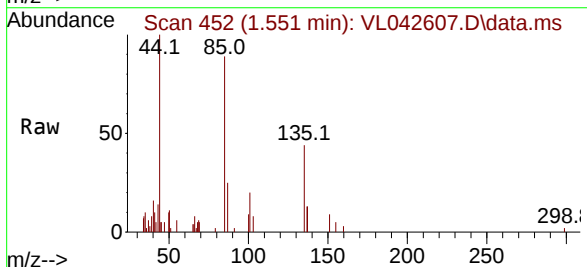
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

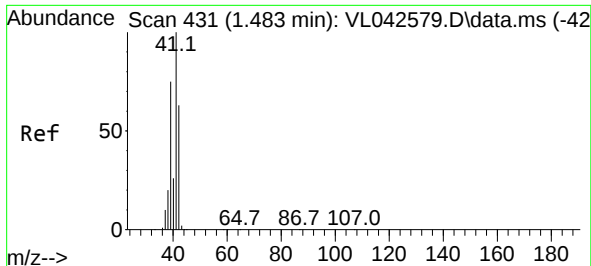
Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 31.6 24.3 36.5



#8
Dichlorotetrafluoroethane
Concen: 0.132 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.003 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 85 Resp: 1332
Ion Ratio Lower Upper
85 100
135 57.4 50.2 75.4





#9

Propene

Concen: 0.116 ppbv

RT: 1.774 min Scan# 51

Delta R.T. 0.291 min

Lab File: VL042607.D

Acq: 03 Jun 2025 13:02

Instrument :

MSVOA_L

ClientSampleId :

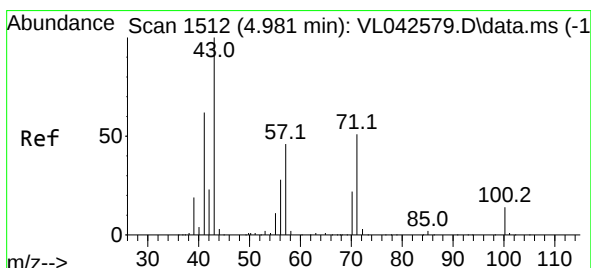
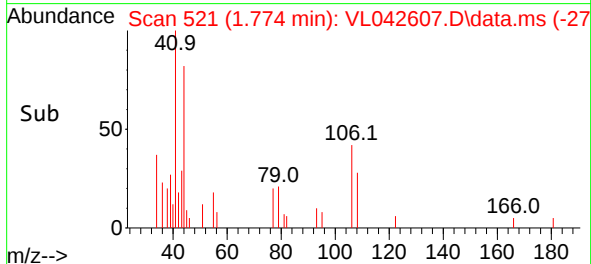
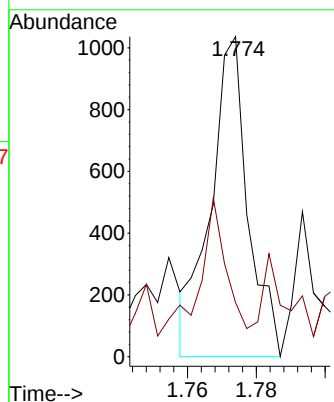
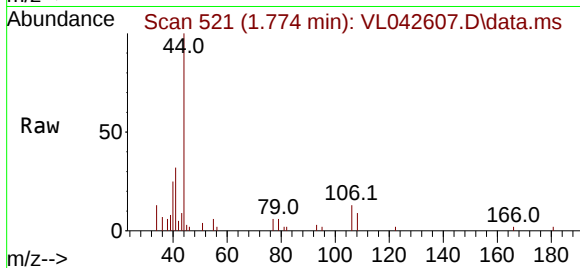
LOQ-AIR-02-QT2-2025

Tgt Ion: 41 Resp: 782

Ion Ratio Lower Upper

41 100

42 74.4 53.3 79.9



#10

Heptane

Concen: 0.063 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. -0.010 min

Lab File: VL042607.D

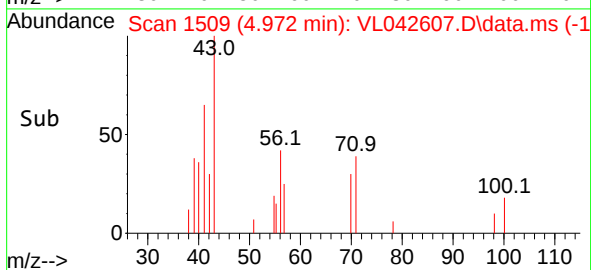
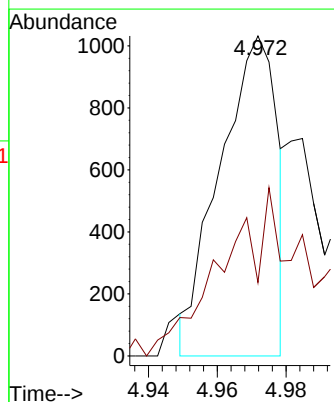
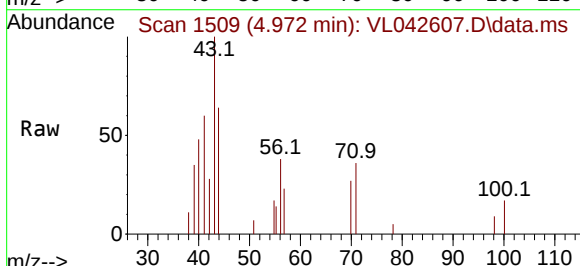
Acq: 03 Jun 2025 13:02

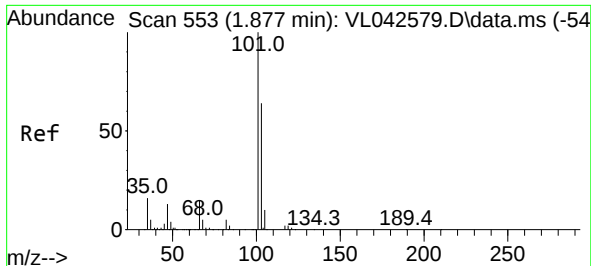
Tgt Ion: 43 Resp: 1193

Ion Ratio Lower Upper

43 100

57 81.2 38.9 58.3#





#11

Trichlorofluoromethane

Concen: 0.073 ppbv

RT: 2.136 min Scan# 61

Delta R.T. 0.259 min

Lab File: VL042607.D

Acq: 03 Jun 2025 13:02

Instrument :

MSVOA_L

ClientSampleId :

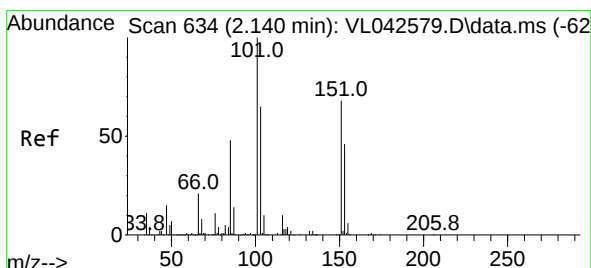
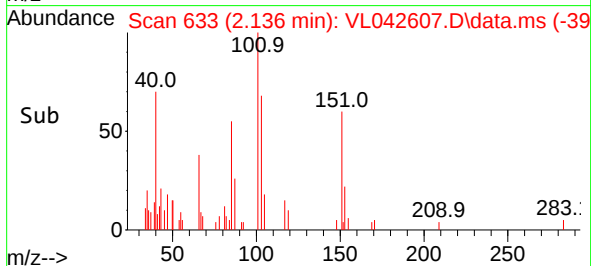
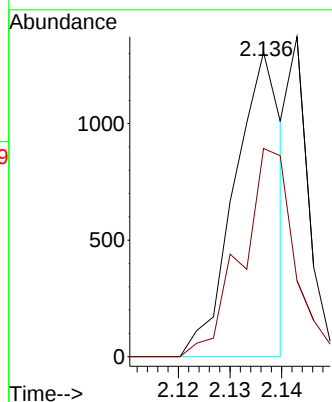
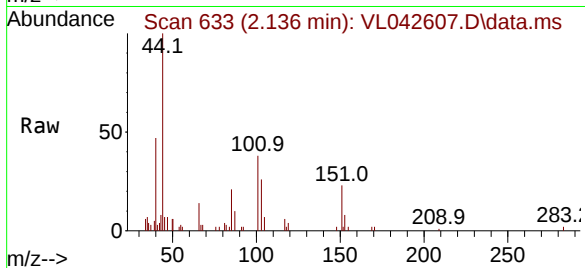
LOQ-AIR-02-QT2-2025

Tgt Ion:101 Resp: 829

Ion Ratio Lower Upper

101 100

103 68.4 51.5 77.3



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.093 ppbv

RT: 2.136 min Scan# 633

Delta R.T. -0.003 min

Lab File: VL042607.D

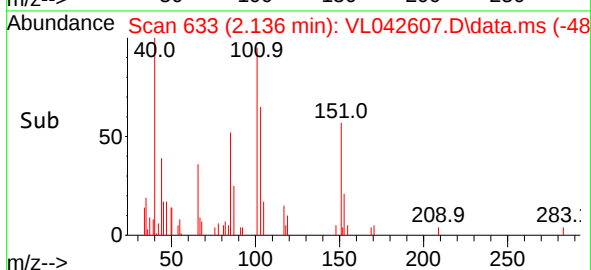
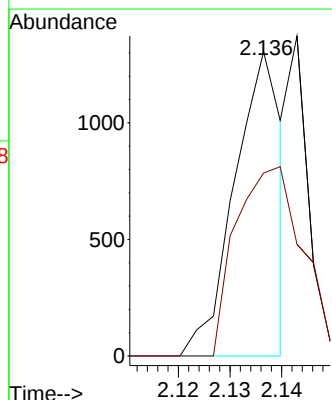
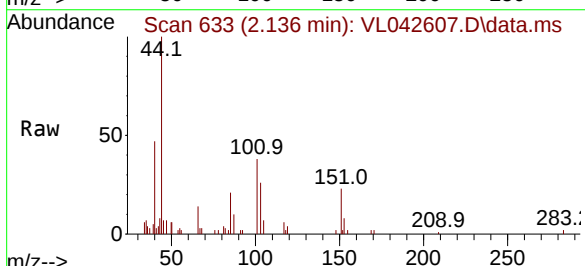
Acq: 03 Jun 2025 13:02

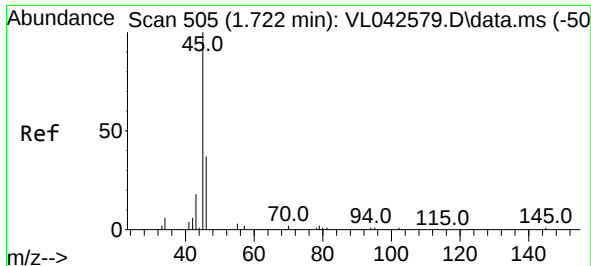
Tgt Ion:101 Resp: 829

Ion Ratio Lower Upper

101 100

151 87.2 55.3 82.9#

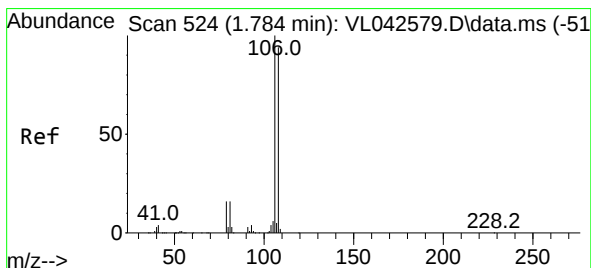
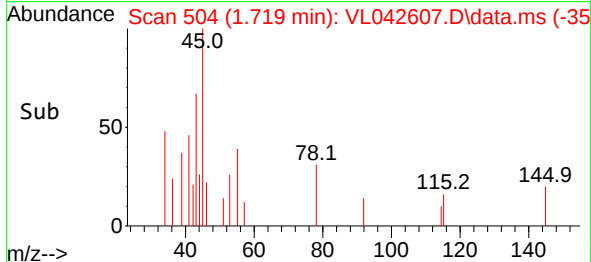
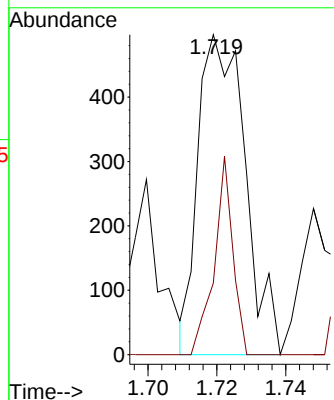
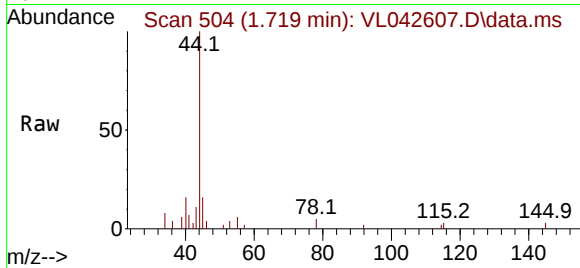




#13
 Ethanol
 Concen: 0.587 ppbv
 RT: 1.719 min Scan# 505
 Delta R.T. -0.003 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

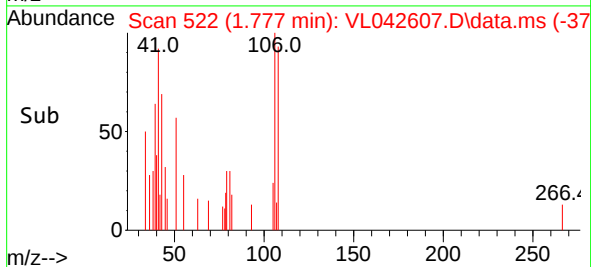
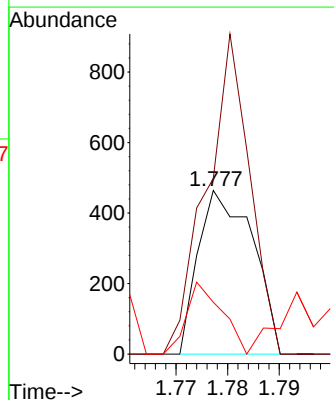
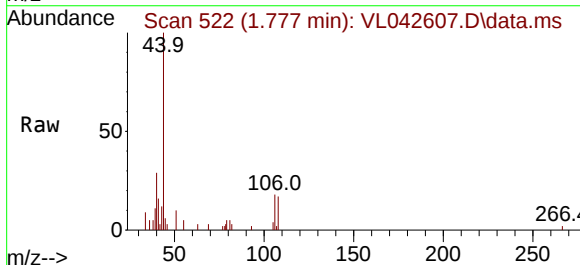
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

Tgt Ion: 45 Resp: 471
 Ion Ratio Lower Upper
 45 100
 46 0.0 14.5 58.1#



#14
 Bromoethene
 Concen: 0.102 ppbv
 RT: 1.777 min Scan# 522
 Delta R.T. -0.006 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

Tgt Ion: 108 Resp: 341
 Ion Ratio Lower Upper
 108 100
 106 155.1 87.9 131.9#
 79 72.7 15.6 23.4#

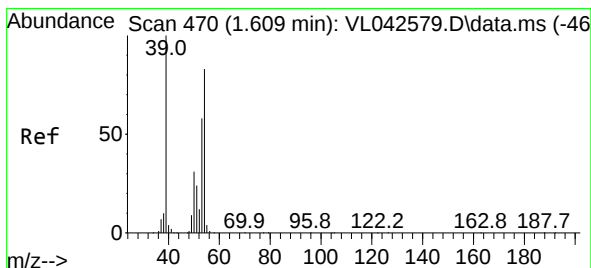
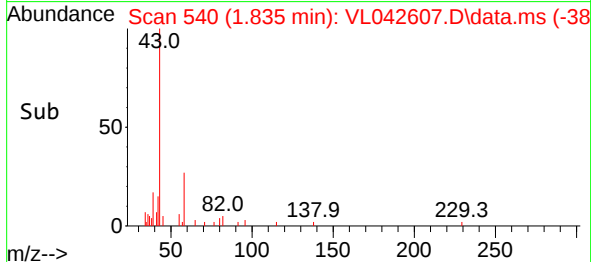
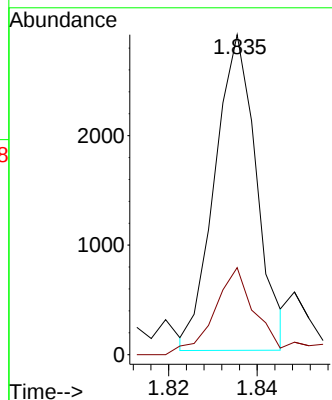
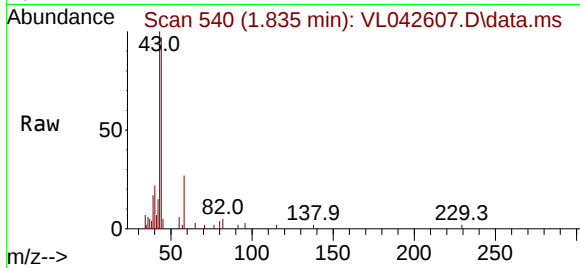




#15
Acetone
Concen: 0.159 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

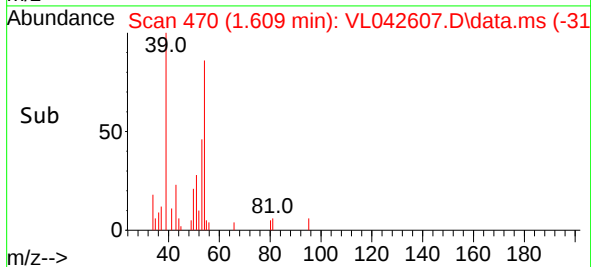
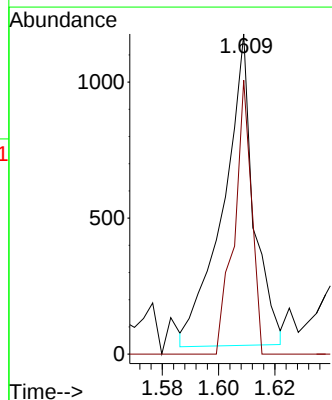
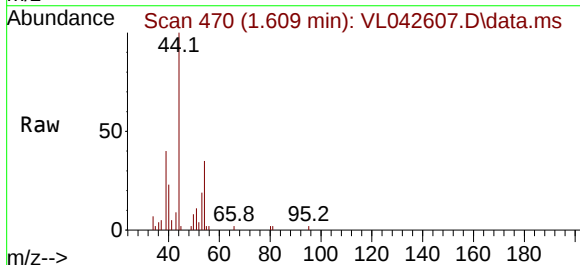
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

Tgt Ion: 43 Resp: 1892
Ion Ratio Lower Upper
43 100
58 30.8 21.0 31.4



#16
1,3-Butadiene
Concen: 0.152 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 39 Resp: 858
Ion Ratio Lower Upper
39 100
54 49.9 57.9 86.9#

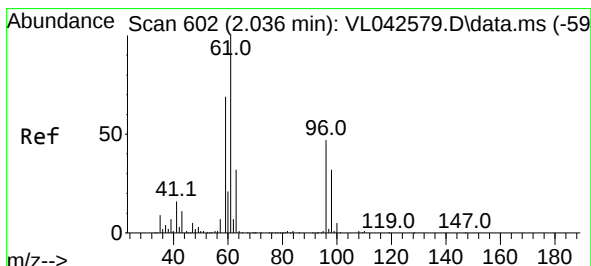
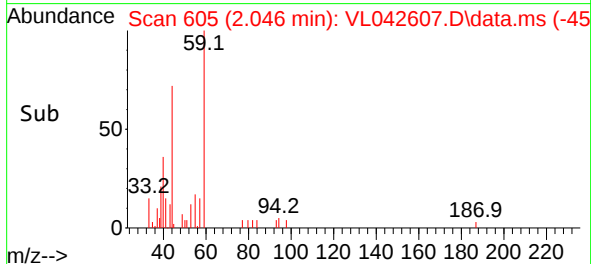
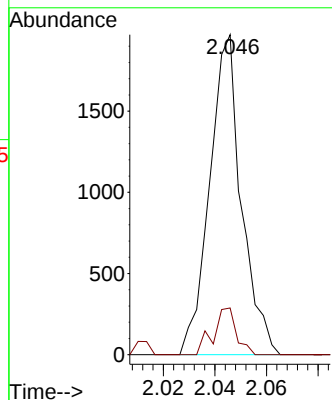
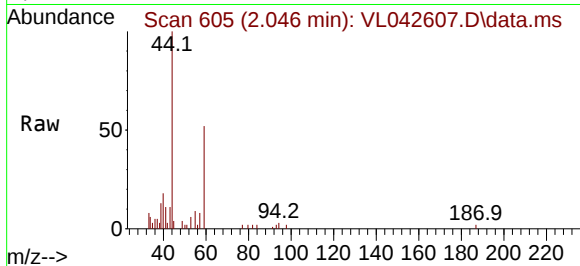




#17
tert-Butyl alcohol
Concen: 0.136 ppbv
RT: 2.046 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

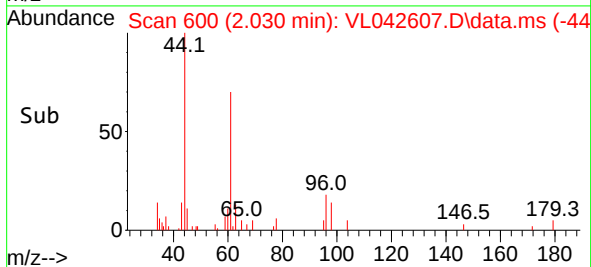
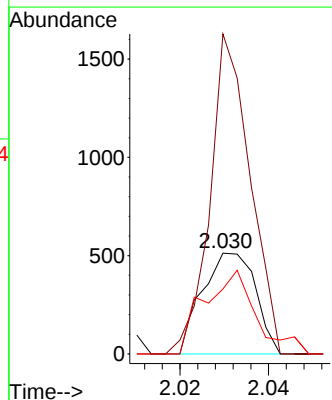
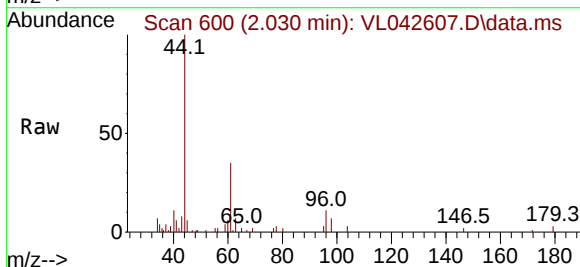
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

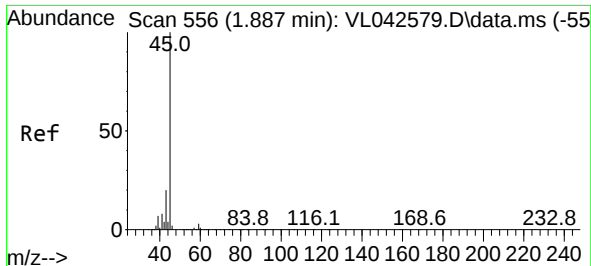
Tgt Ion: 59 Resp: 1684
Ion Ratio Lower Upper
59 100
57 12.4 8.6 12.8



#18
1,1-Dichloroethene
Concen: 0.104 ppbv
RT: 2.030 min Scan# 600
Delta R.T. -0.006 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 96 Resp: 429
Ion Ratio Lower Upper
96 100
61 327.3 171.1 256.7#
98 64.3 54.4 81.6

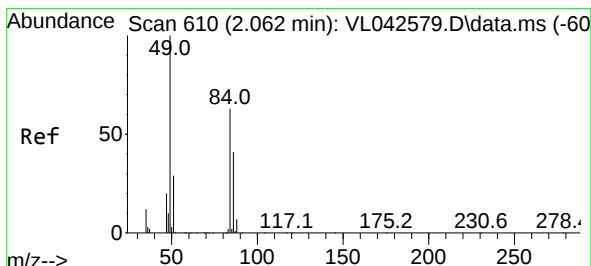
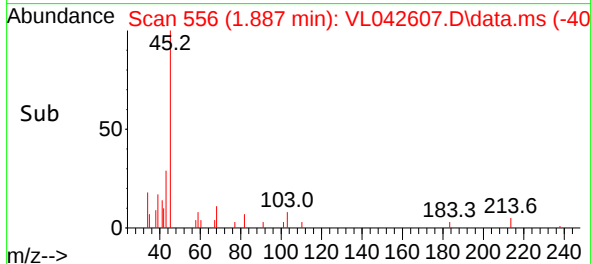
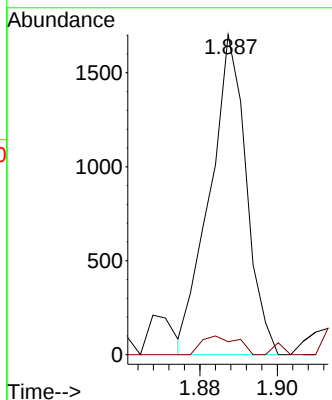
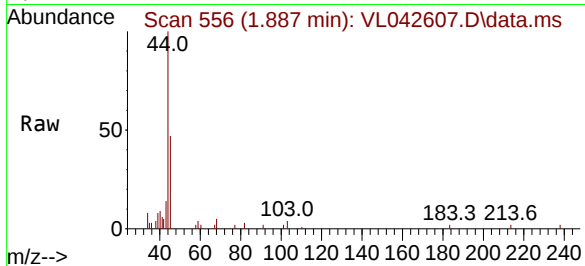




#19
Isopropyl Alcohol
Concen: 0.156 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

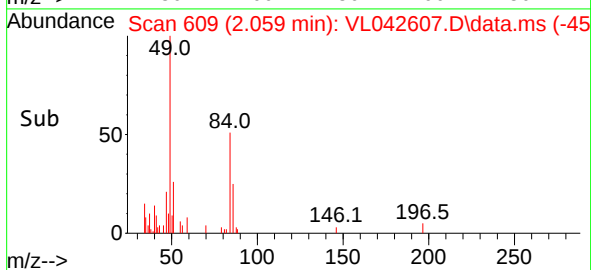
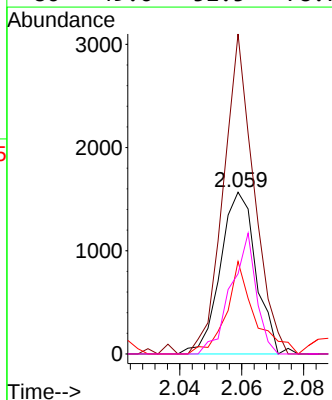
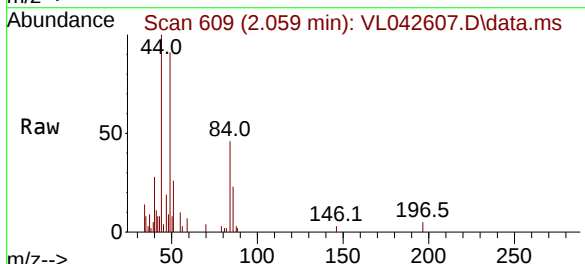
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

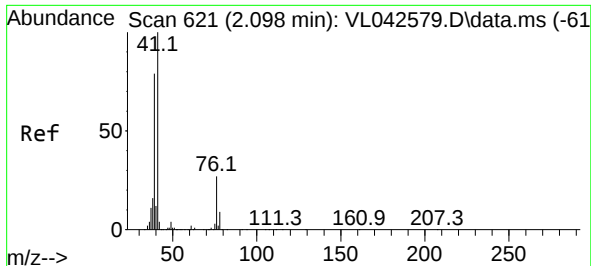
Tgt Ion: 45 Resp: 1111
Ion Ratio Lower Upper
45 100
58 6.9 29.4 44.2#



#20
Methylene Chloride
Concen: 0.316 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 84 Resp: 1242
Ion Ratio Lower Upper
84 100
49 197.8 128.8 193.2#
51 57.2 38.6 57.8
86 49.6 52.5 78.7#

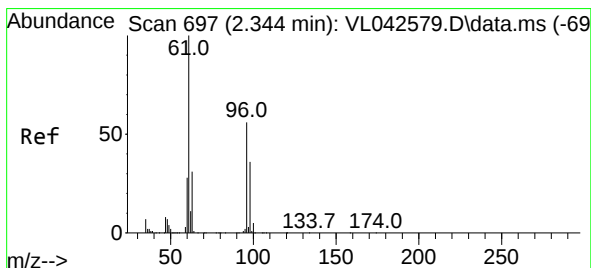
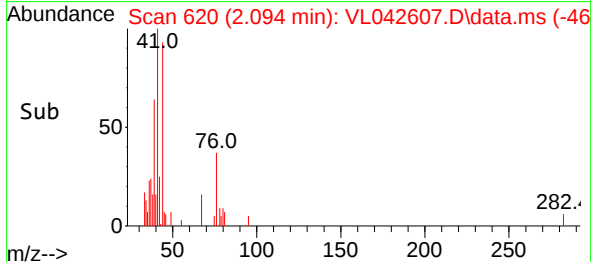
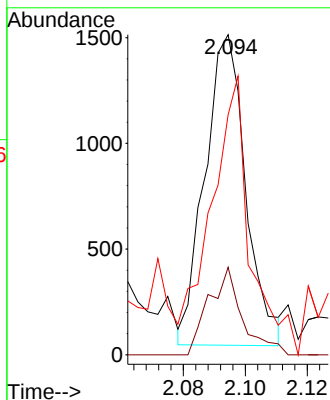
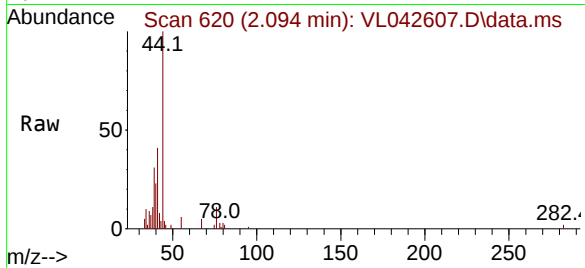




#21
 Allyl Chloride
 Concen: 0.160 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

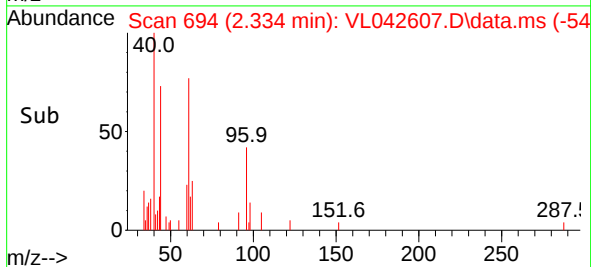
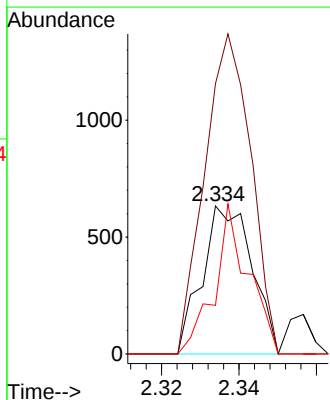
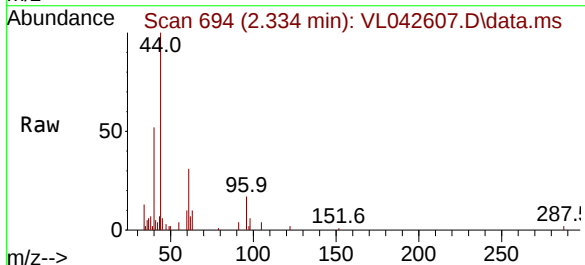
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

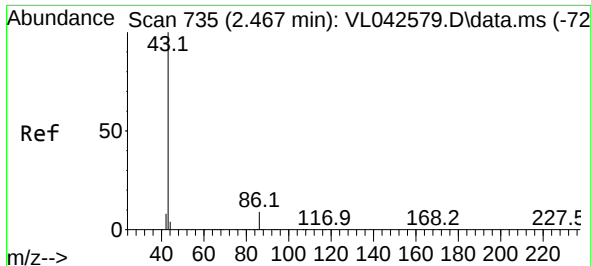
Tgt Ion: 41 Resp: 1345
 Ion Ratio Lower Upper
 41 100
 76 23.2 21.2 31.8
 39 107.3 60.9 91.3#



#22
 trans-1,2-Dichloroethene
 Concen: 0.123 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. -0.010 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

Tgt Ion: 96 Resp: 566
 Ion Ratio Lower Upper
 96 100
 61 182.6 142.6 214.0
 98 32.9 51.0 76.4#

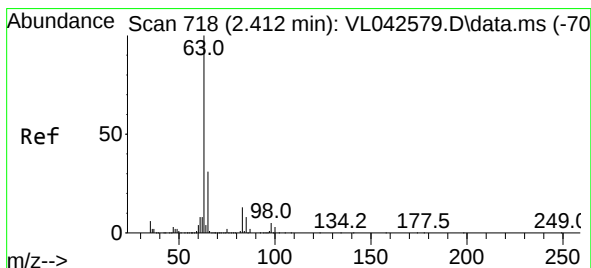
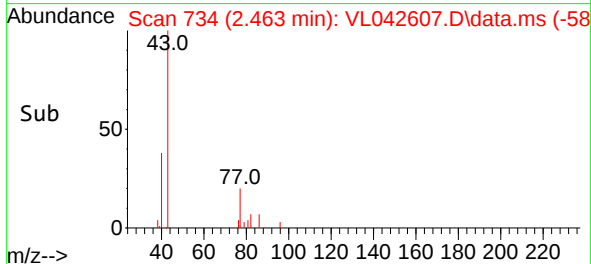
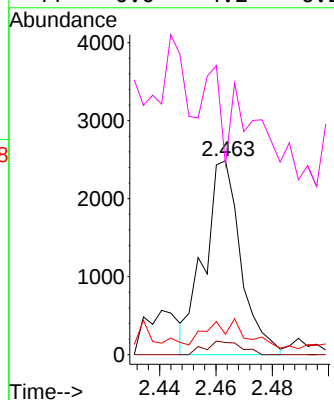
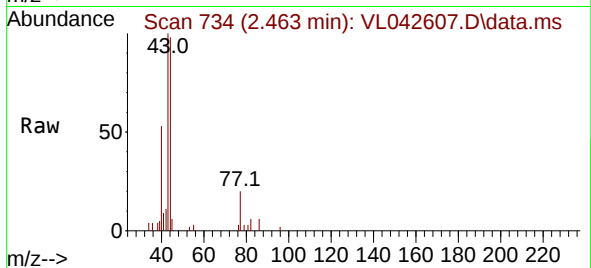




#23
 Vinyl Acetate
 Concen: 0.139 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

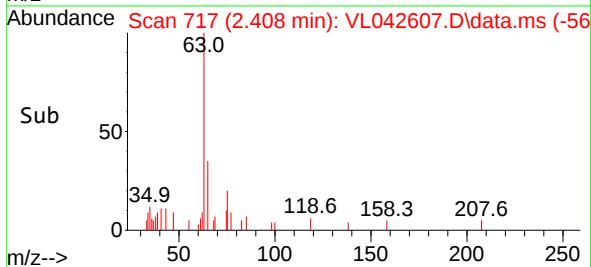
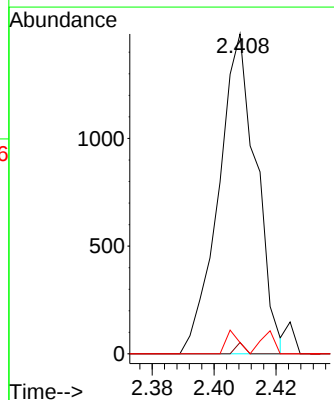
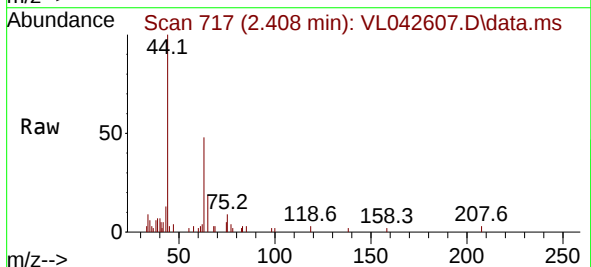
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

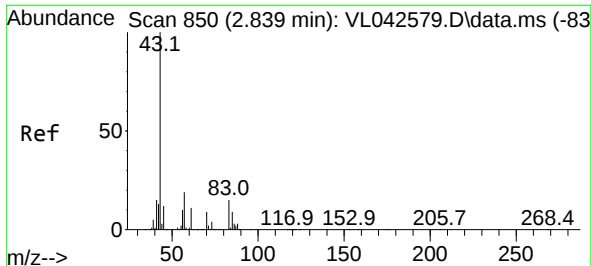
Tgt Ion: 43	Resp: 2240
Ion Ratio	Lower Upper
43 100	
86 6.4	6.6 9.8#
42 7.4	7.0 10.4
44 0.0	4.2 6.2#



#24
 1,1-Dichloroethane
 Concen: 0.133 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

Tgt Ion: 63	Resp:	1256	
Ion Ratio	Lower	Upper	
63 100			
98 3.6	2.4	7.1	
100 3.5	1.4	4.0	

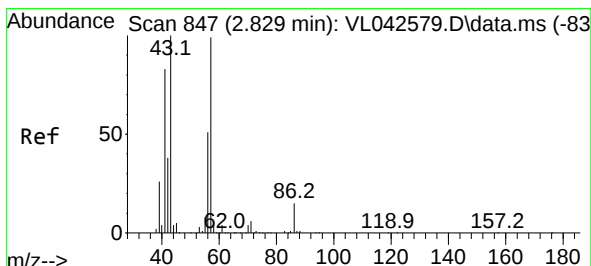
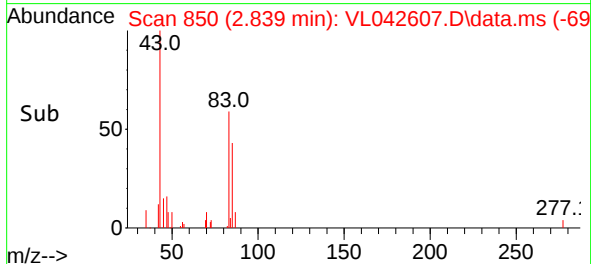
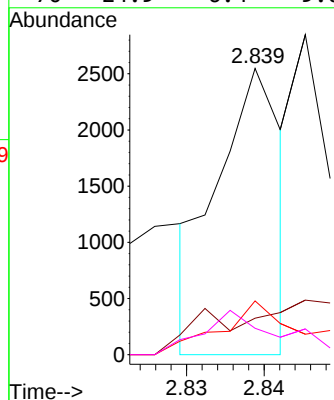
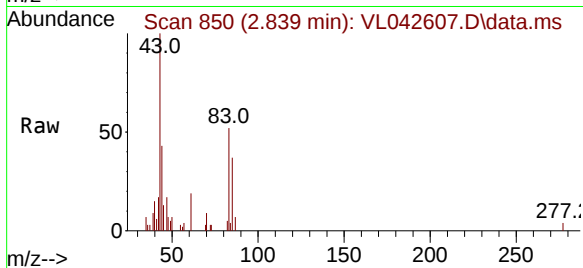




#25
Ethyl Acetate
Concen: 0.045 ppbv
RT: 2.839 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

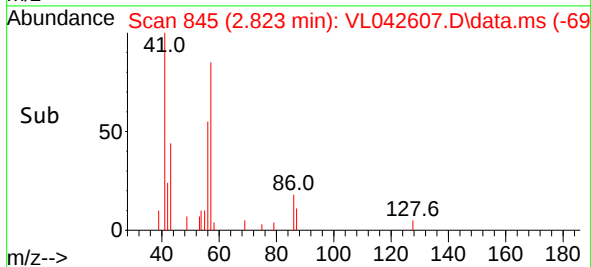
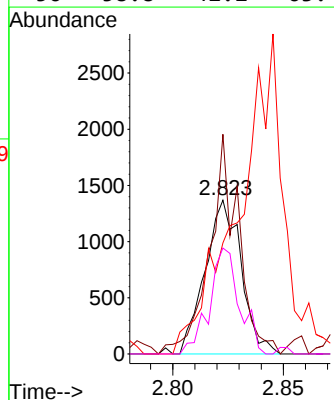
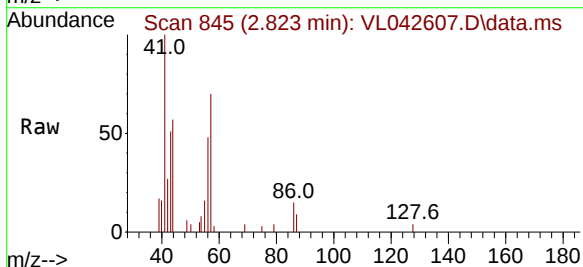
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

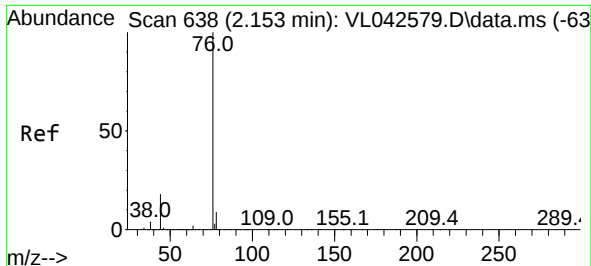
Tgt Ion: 43	Resp:	1475	
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.2#
61	25.7	7.1	10.7#
70	24.9	6.4	9.6#



#26
Hexane
Concen: 0.105 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.006 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt	Ion: 57	Resp:	1559
Ion	Ratio	Lower	Upper
57	100		
41	118.0	70.6	106.0#
43	266.5	181.1	271.7
56	58.8	42.2	63.4

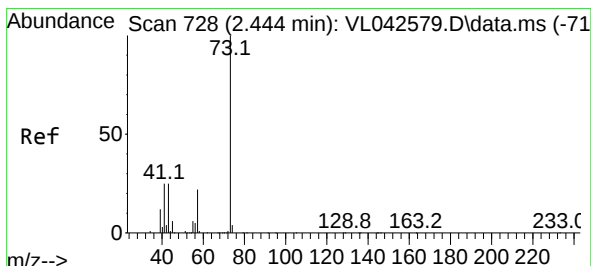
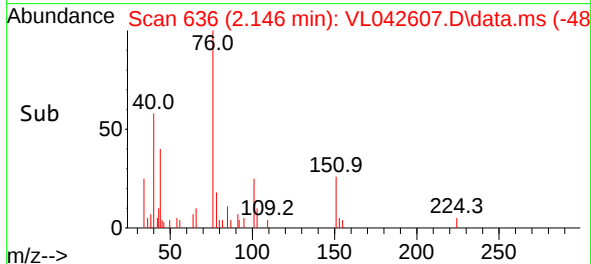
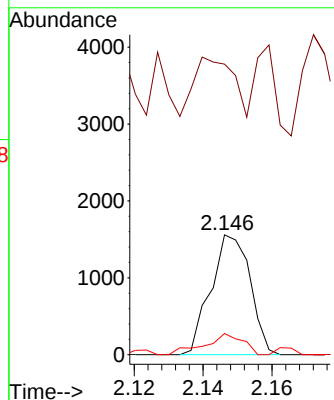
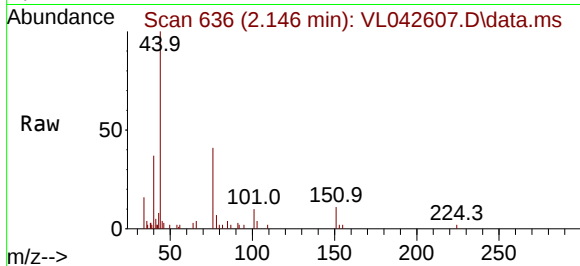




#27
Carbon Disulfide
Concen: 0.109 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

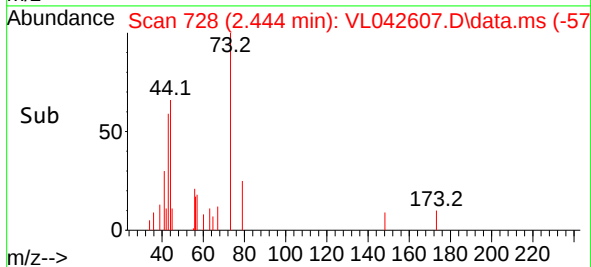
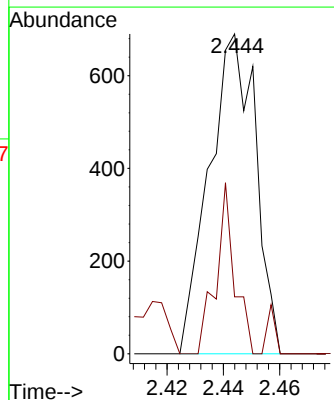
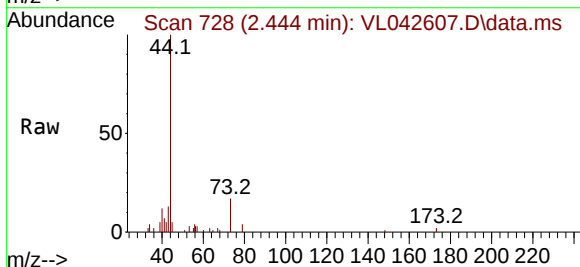
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

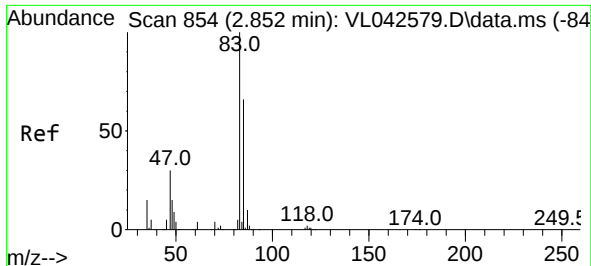
Tgt Ion: 76 Resp: 1240
Ion Ratio Lower Upper
76 100
44 216.9 21.3 31.9#
78 24.8 9.4 14.0#



#28
Methyl tert-Butyl Ether
Concen: 0.131 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.000 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 73 Resp: 788
Ion Ratio Lower Upper
73 100
57 36.5 19.9 29.9#

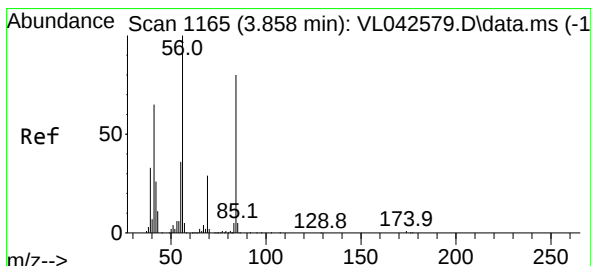
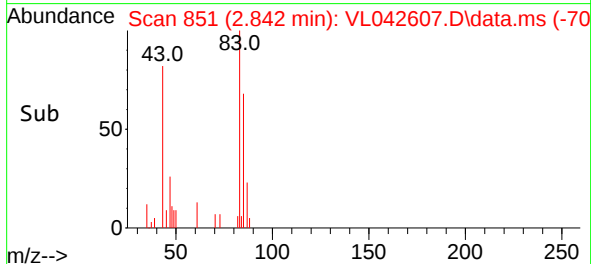
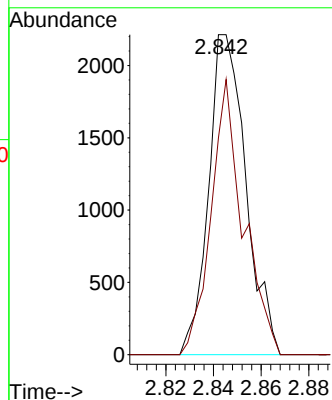
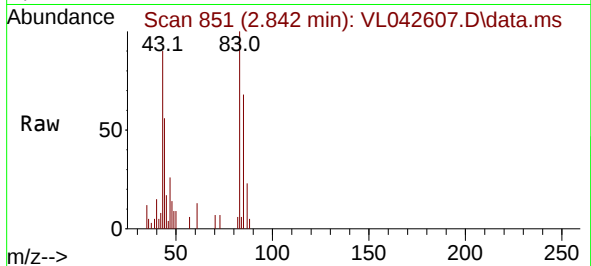




#29
Chloroform
Concen: 0.125 ppbv
RT: 2.842 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

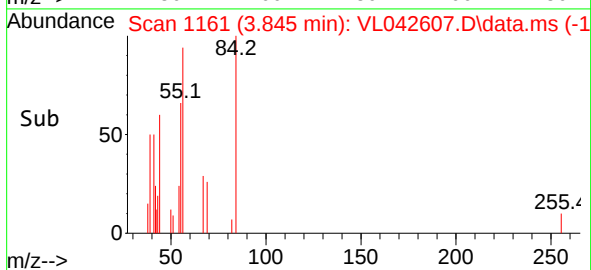
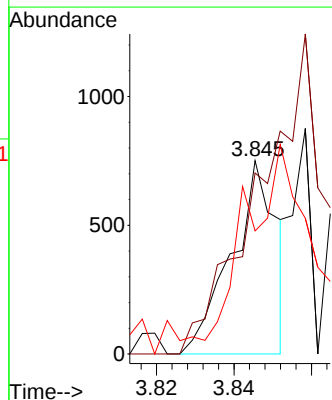
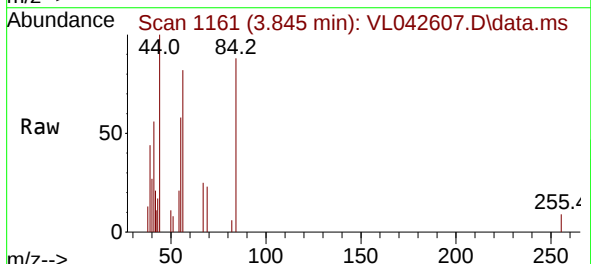
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

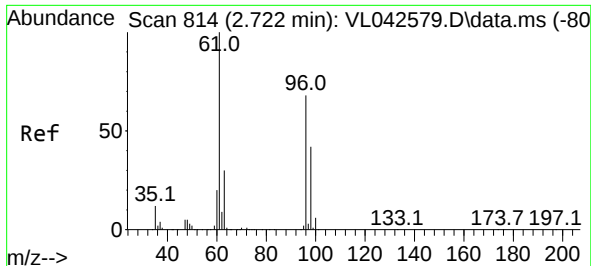
Tgt Ion: 83 Resp: 2410
Ion Ratio Lower Upper
83 100
85 67.8 52.8 79.2



#30
Cyclohexane
Concen: 0.049 ppbv
RT: 3.845 min Scan# 1161
Delta R.T. -0.013 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 84 Resp: 602
Ion Ratio Lower Upper
84 100
56 0.0 103.7 155.5#
41 191.5 65.1 97.7#

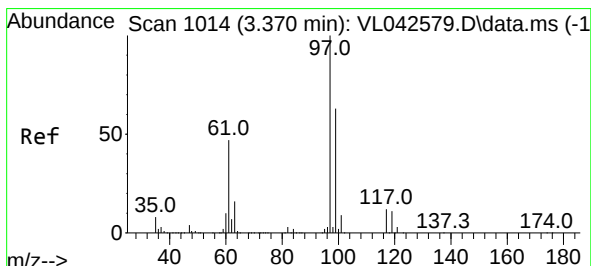
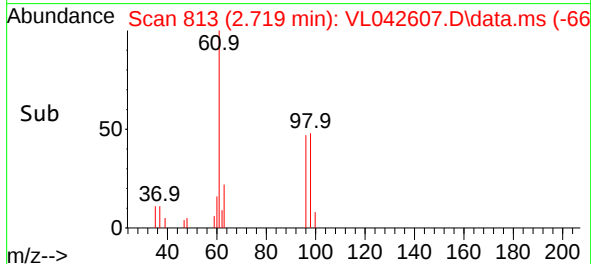
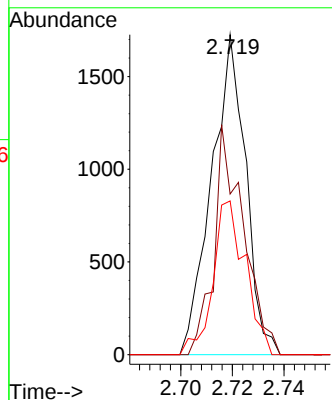
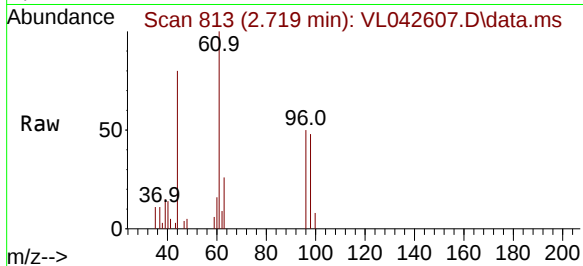




#31
 cis-1,2-Dichloroethene
 Concen: 0.117 ppbv
 RT: 2.719 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

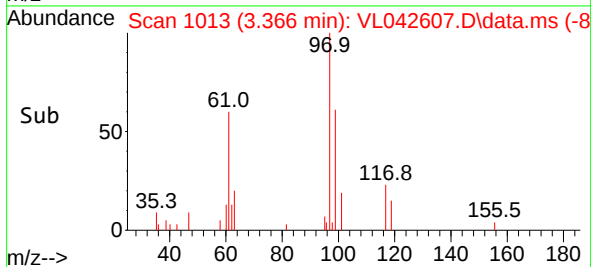
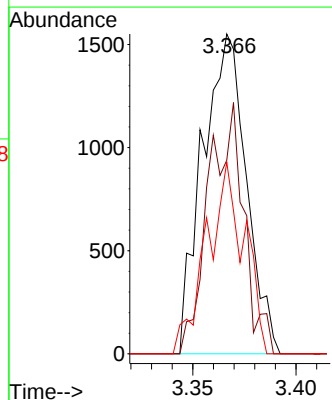
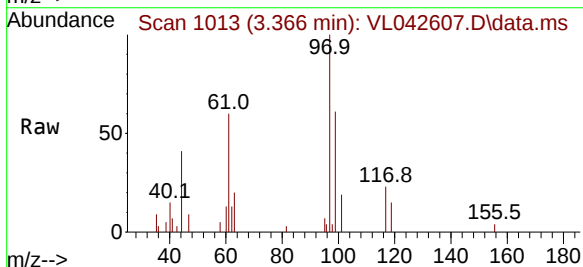
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

Tgt Ion: 61 Resp: 1585
 Ion Ratio Lower Upper
 61 100
 96 50.2 54.5 81.7#
 98 48.0 33.4 50.2



#32
 1,1,1-Trichloroethane
 Concen: 0.116 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.003 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

Tgt Ion: 97 Resp: 2289
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.0 76.6
 61 51.6 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.006 min

Lab File: VL042607.D

Acq: 03 Jun 2025 13:02

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2025

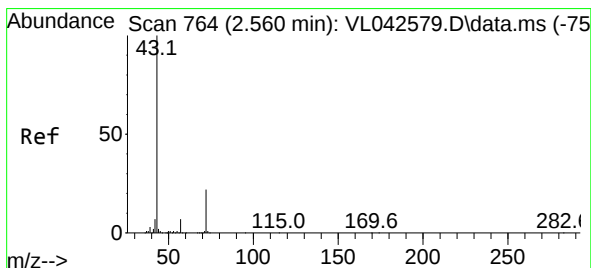
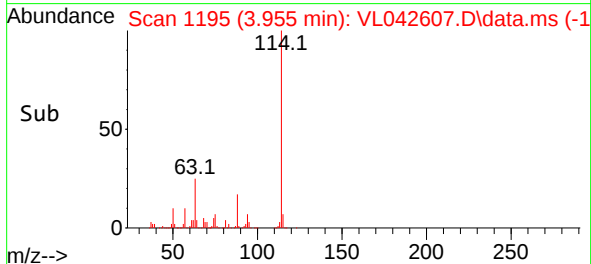
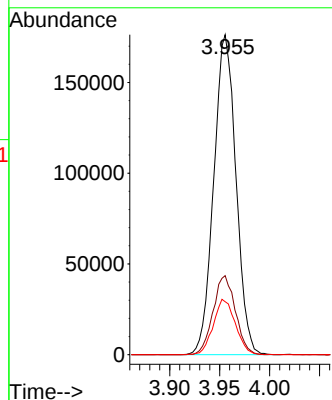
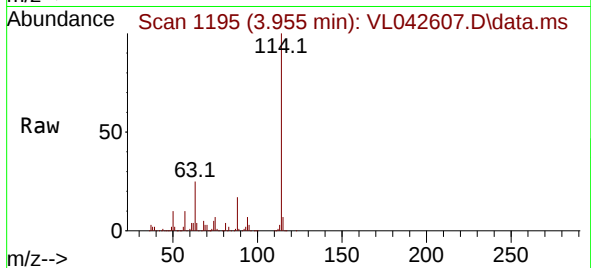
Tgt Ion:114 Resp: 272525

Ion Ratio Lower Upper

114 100

63 24.9 19.0 28.6

88 17.2 13.6 20.4



#34

2-Butanone

Concen: 0.129 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.000 min

Lab File: VL042607.D

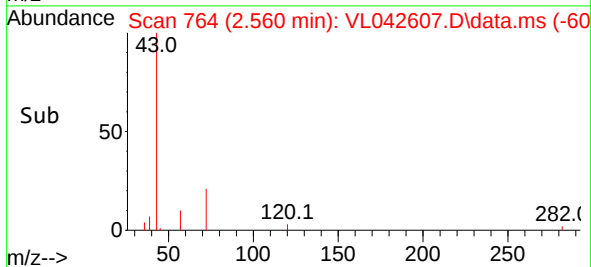
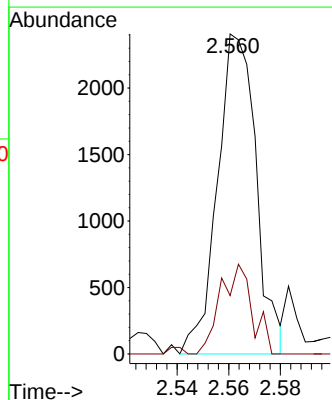
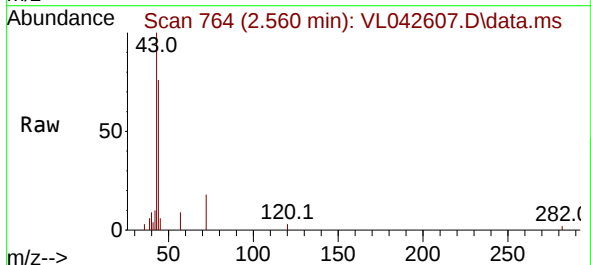
Acq: 03 Jun 2025 13:02

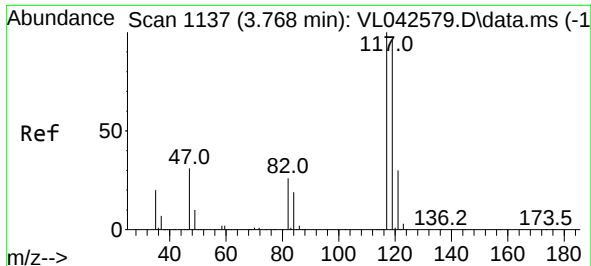
Tgt Ion: 43 Resp: 2504

Ion Ratio Lower Upper

43 100

72 23.9 17.7 26.5

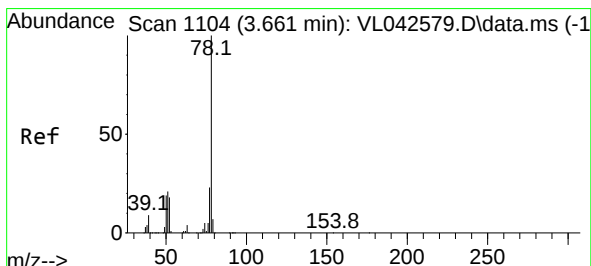
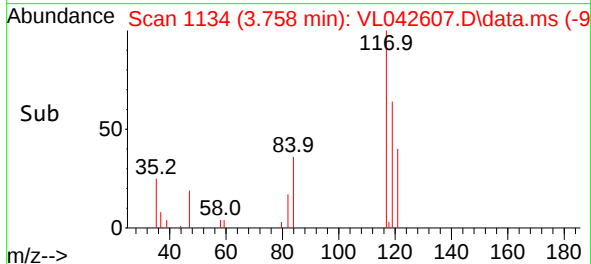
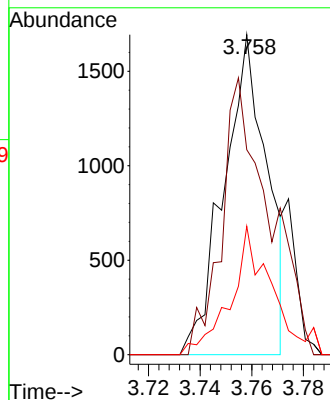
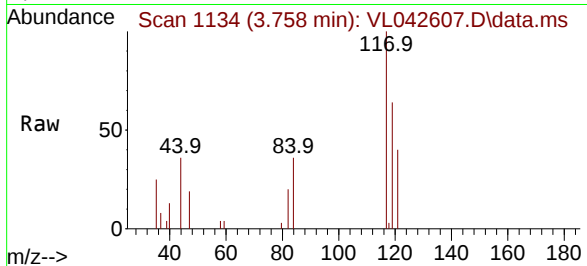




#35
Carbon Tetrachloride
Concen: 0.109 ppbv
RT: 3.758 min Scan# 1137
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

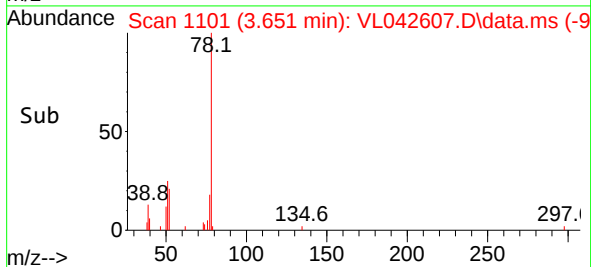
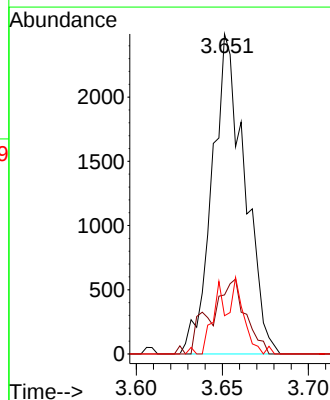
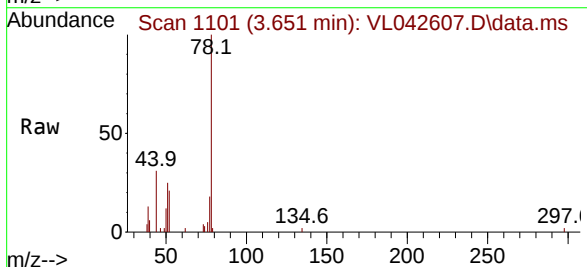
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

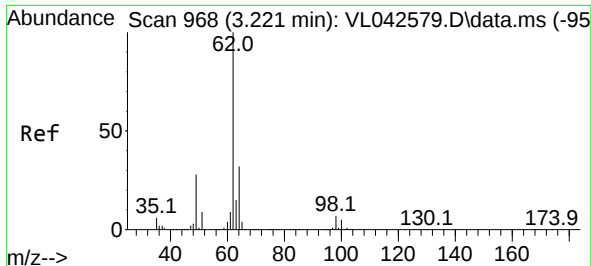
Tgt Ion:117 Resp: 1969
Ion Ratio Lower Upper
117 100
119 64.0 76.8 115.2#
121 40.1 24.3 36.5#



#36
Benzene
Concen: 0.122 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 78 Resp: 3270
Ion Ratio Lower Upper
78 100
77 18.4 18.2 27.2
50 12.0 15.2 22.8#

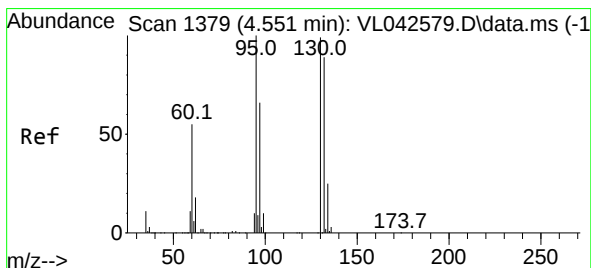
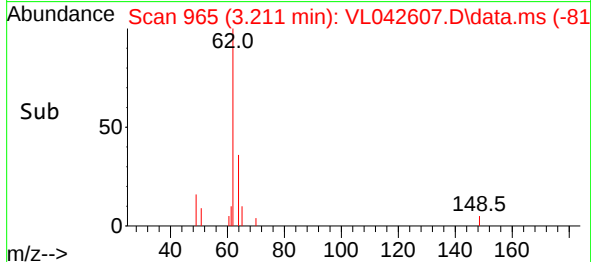
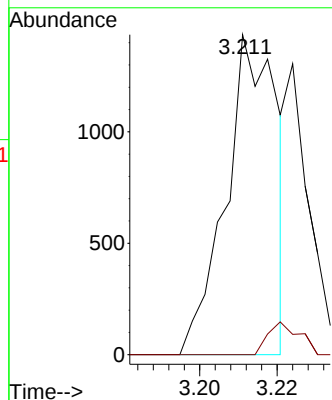
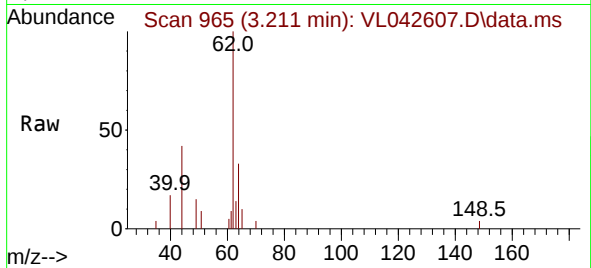




#37
1,2-Dichloroethane
Concen: 0.098 ppbv
RT: 3.211 min Scan# 90
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

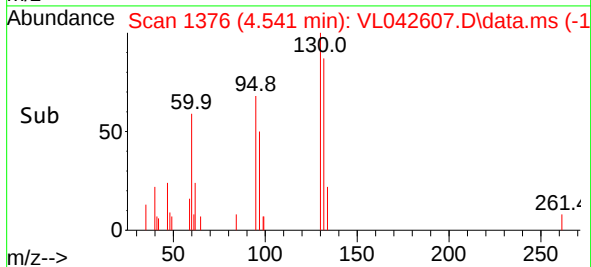
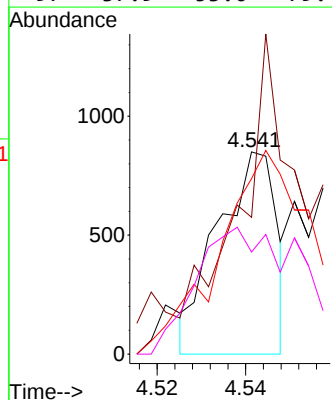
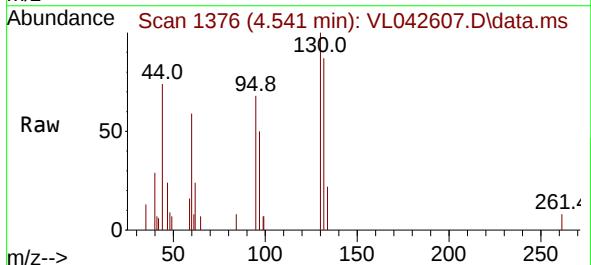
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

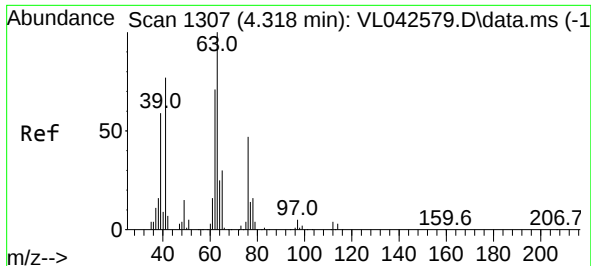
Tgt Ion: 62 Resp: 1311
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#38
Trichloroethene
Concen: 0.069 ppbv
RT: 4.541 min Scan# 1376
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion:130 Resp: 785
Ion Ratio Lower Upper
130 100
95 62.5 80.6 121.0#
132 78.5 71.8 107.6
97 37.9 53.0 79.4#





#39

1,2-Dichloropropane

Concen: 6.813 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.362 min

Lab File: VL042607.D

Acq: 03 Jun 2025 13:02

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2025

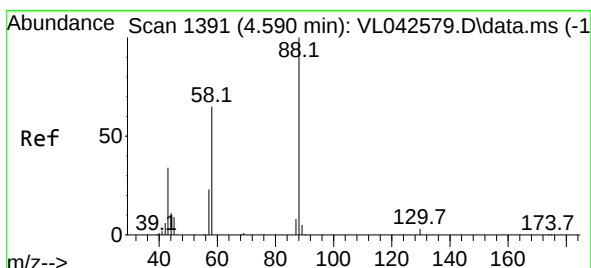
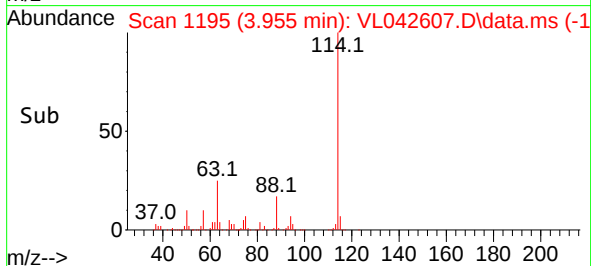
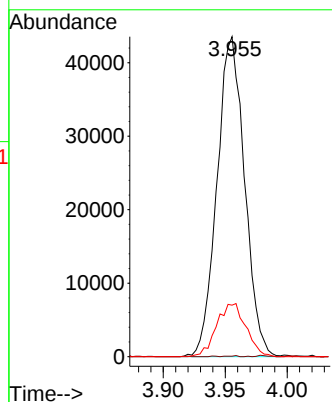
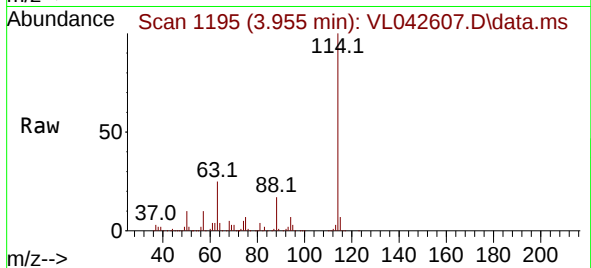
Tgt Ion: 63 Resp: 67614

Ion Ratio Lower Upper

63 100

41 0.2 61.8 92.6#

62 16.1 56.6 85.0#



#40

1,4-Dioxane

Concen: 0.035 ppbv

RT: 4.609 min Scan# 1397

Delta R.T. 0.019 min

Lab File: VL042607.D

Acq: 03 Jun 2025 13:02

Tgt Ion: 88 Resp: 156

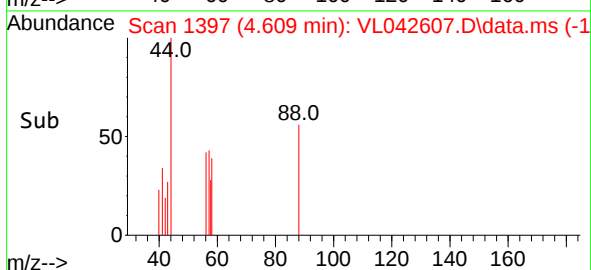
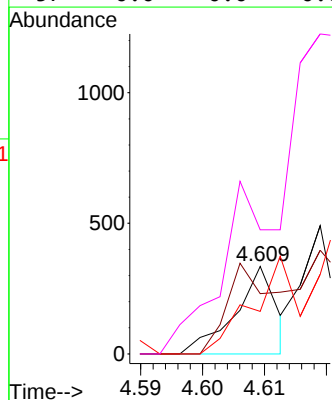
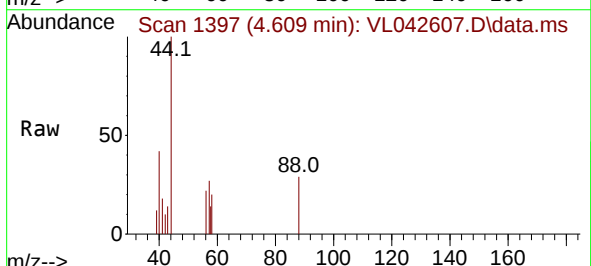
Ion Ratio Lower Upper

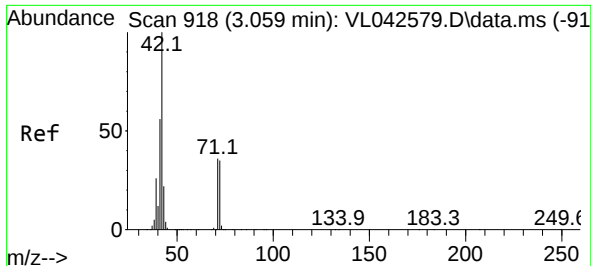
88 100

58 0.0 55.8 83.8#

43 0.0 24.8 37.2#

57 0.0 0.0 0.0

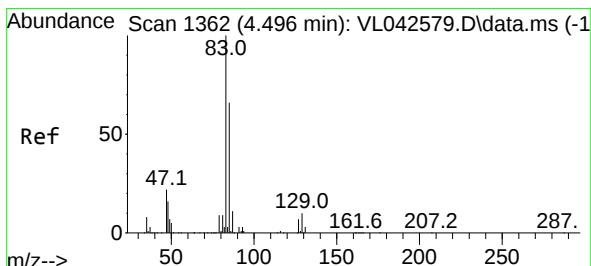
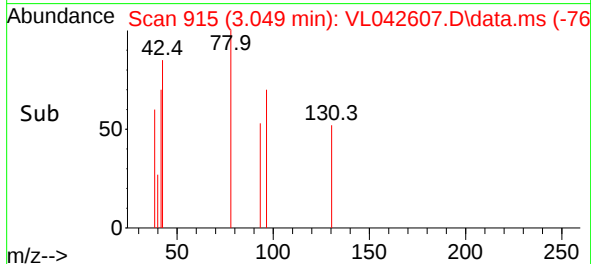
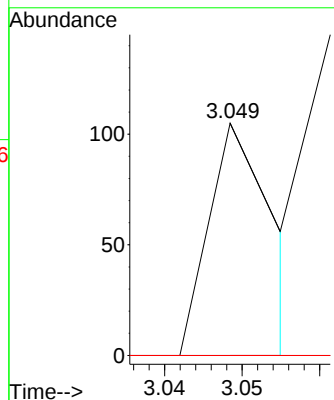
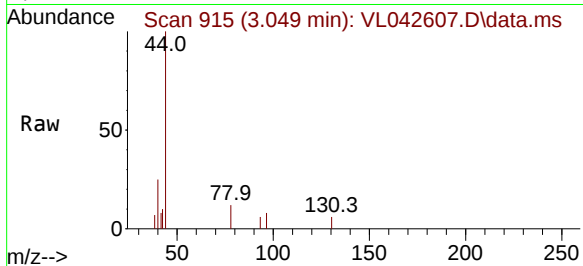




#41
Tetrahydrofuran
Concen: 0.003 ppbv
RT: 3.049 min Scan# 918
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

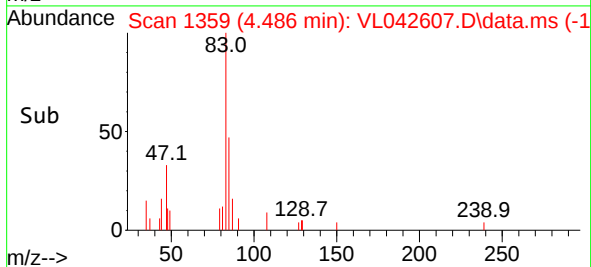
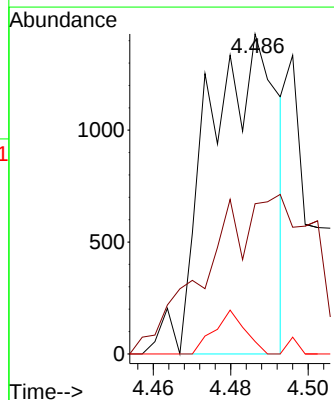
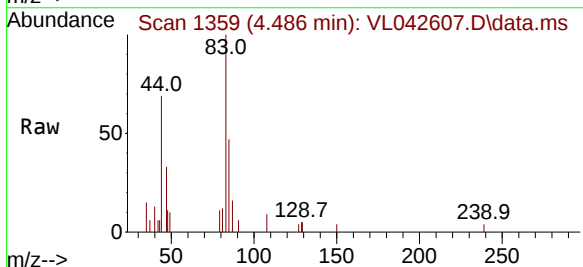
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

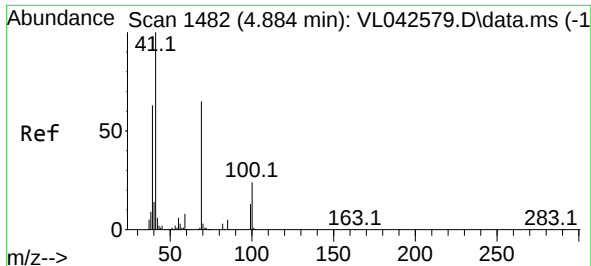
Tgt Ion: 42 Resp: 31
Ion Ratio Lower Upper
42 100
72 0.0 28.9 43.3#
71 0.0 28.5 42.7#



#42
Bromodichloromethane
Concen: 0.091 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 83 Resp: 1722
Ion Ratio Lower Upper
83 100
85 26.6 52.7 79.1#
127 3.9 5.8 8.6#

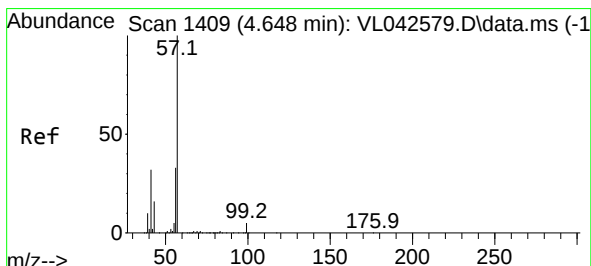
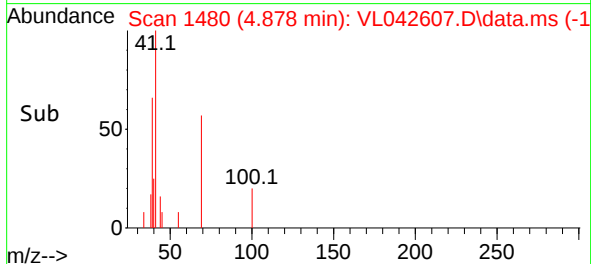
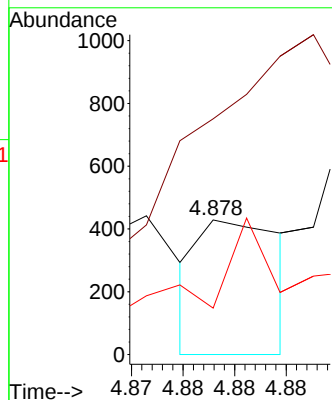
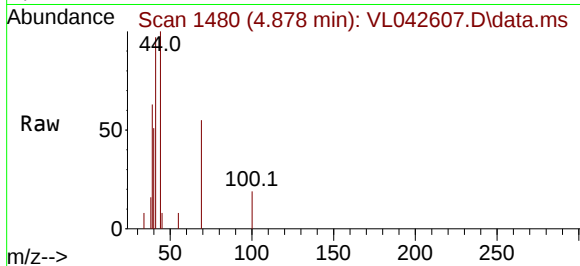




#43
Methyl Methacrylate
Concen: 0.023 ppbv
RT: 4.878 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

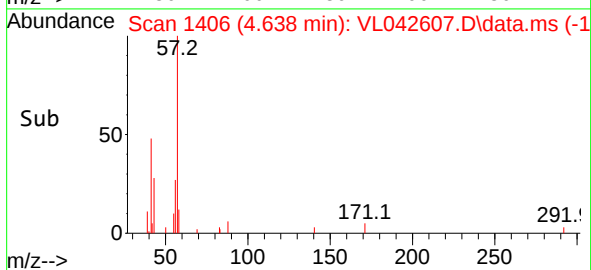
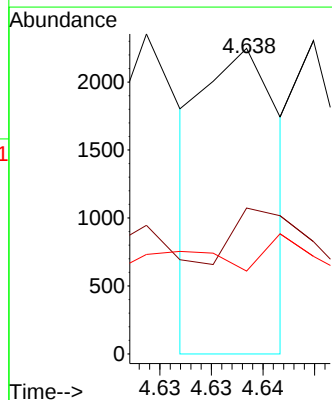
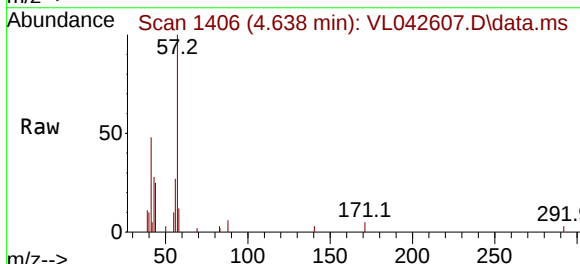
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

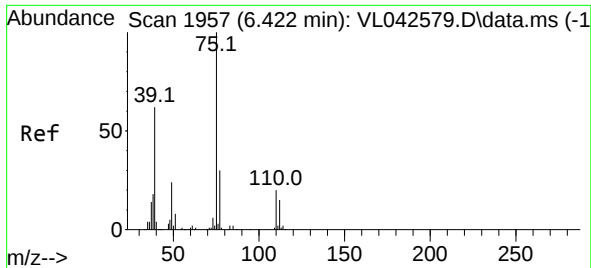
Tgt Ion: 69 Resp: 237
Ion Ratio Lower Upper
69 100
41 0.0 124.6 187.0#
100 221.1 29.9 44.9#



#44
2,2,4-Trimethylpentane
Concen: 0.025 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 57 Resp: 1165
Ion Ratio Lower Upper
57 100
41 183.8 26.1 39.1#
56 0.0 25.9 38.9#

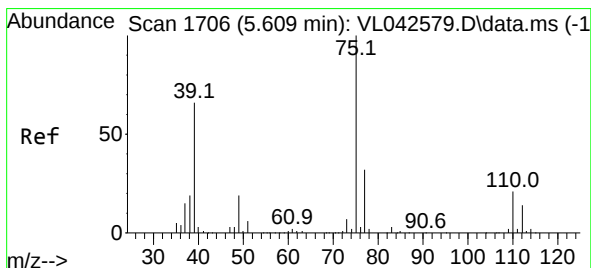
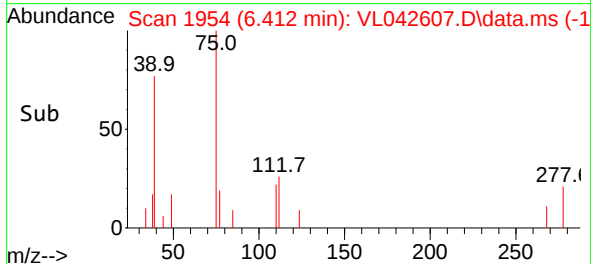
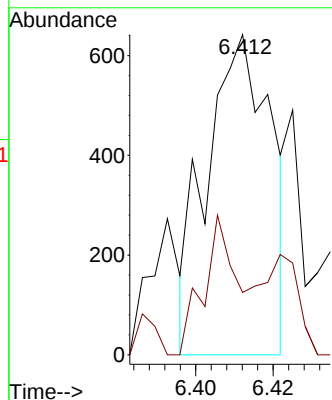
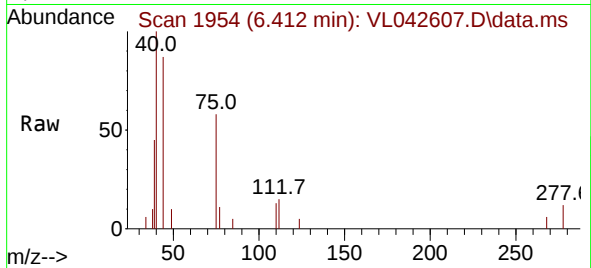




#45
 t-1,3-Dichloropropene
 Concen: 0.062 ppbv
 RT: 6.412 min Scan# 1957
 Delta R.T. -0.010 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

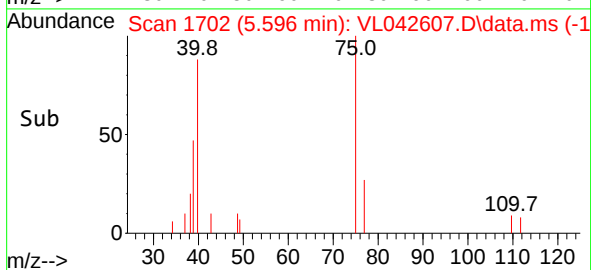
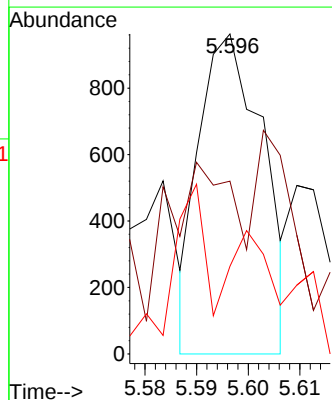
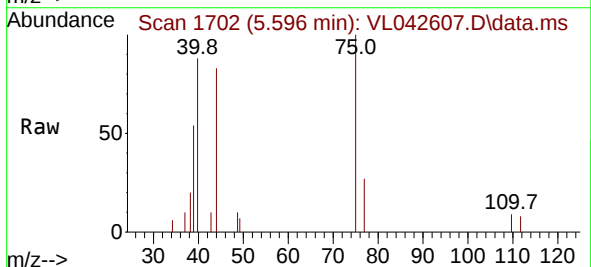
Instrument : MSVOA_L
 ClientSampleId : LOQ-AIR-02-QT2-2025

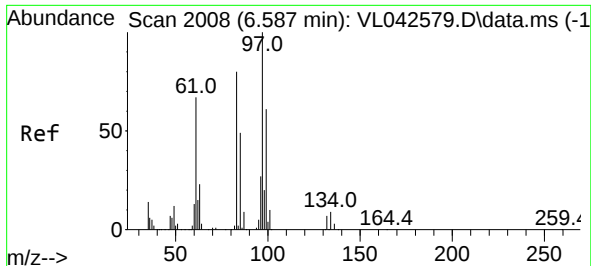
Tgt Ion: 75 Resp: 738
 Ion Ratio Lower Upper
 75 100
 77 19.5 24.2 36.2#



#46
 cis-1,3-Dichloropropene
 Concen: 0.055 ppbv
 RT: 5.596 min Scan# 1702
 Delta R.T. -0.013 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

Tgt Ion: 75 Resp: 827
 Ion Ratio Lower Upper
 75 100
 39 23.3 52.7 79.1#
 77 16.4 25.8 38.8#

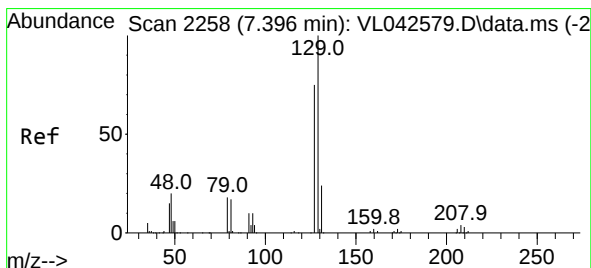
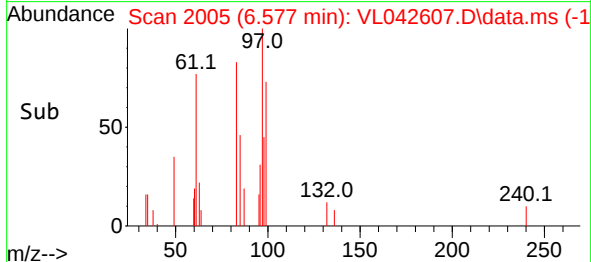
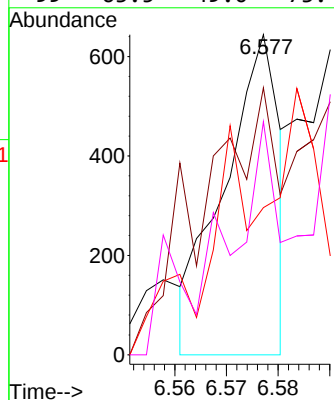
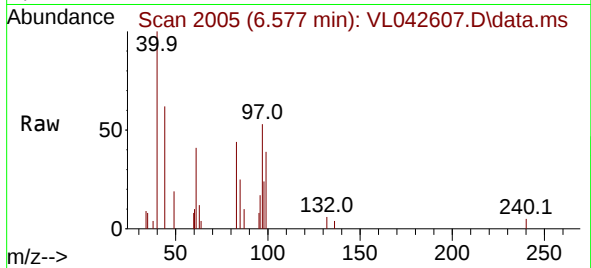




#47
1,1,2-Trichloroethane
Concen: 0.047 ppbv
RT: 6.577 min Scan# 2005
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

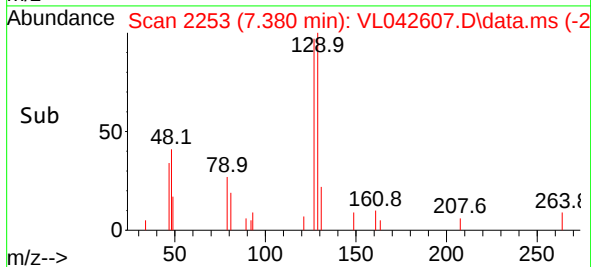
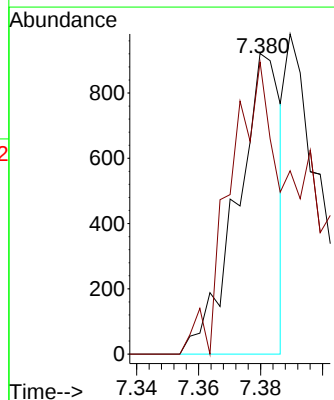
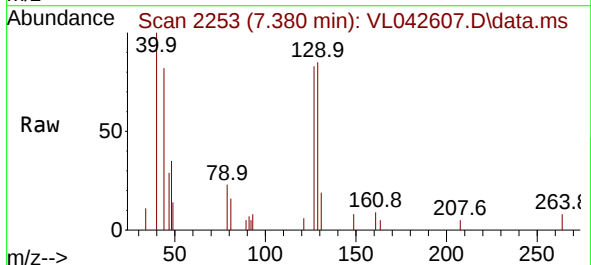
Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT2-2025

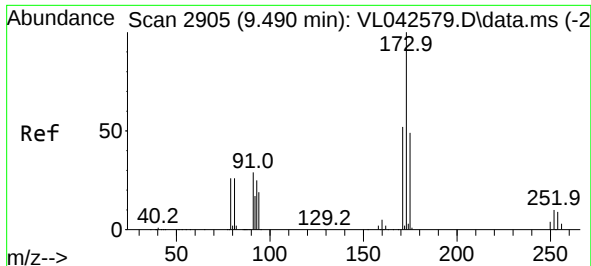
Tgt Ion: 97	Resp: 484
Ion Ratio	Lower Upper
97 100	
83 42.4	63.9 95.9#
85 26.4	39.2 58.8#
99 63.5	49.0 73.4



#48
Dibromochloromethane
Concen: 0.055 ppbv
RT: 7.380 min Scan# 2253
Delta R.T. -0.016 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion:129	Resp:	897	
Ion	Ratio	Lower	Upper
129	100		
127	156.1	39.0	116.9#





#49

Bromoform

Concen: 0.103 ppbv

RT: 9.480 min Scan# 2905

Delta R.T. -0.010 min

Lab File: VL042607.D

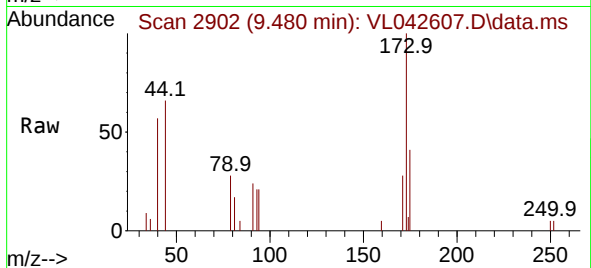
Acq: 03 Jun 2025 13:02

Instrument :

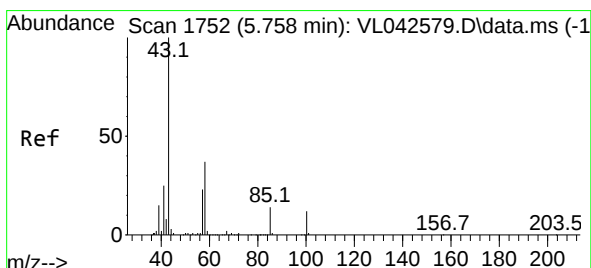
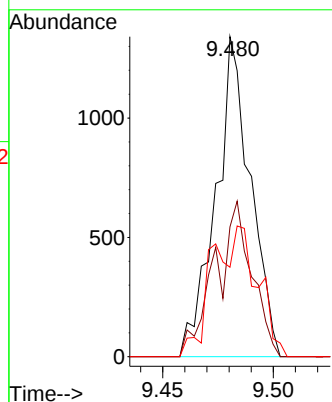
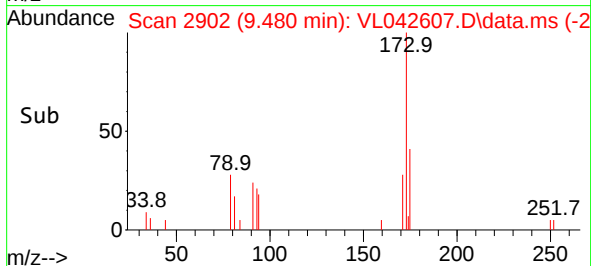
MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2025



Tgt Ion:173	Resp:	1467
Ion	Ratio	Lower Upper
173	100	
175	51.3	38.7 58.1
171	53.6	41.2 61.8



#50

4-Methyl-2-Pentanone

Concen: 0.014 ppbv

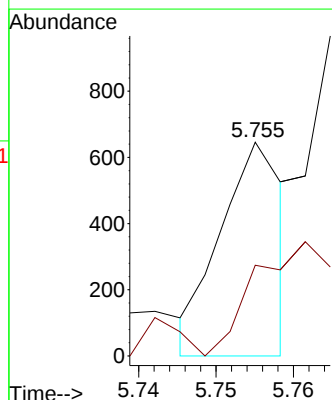
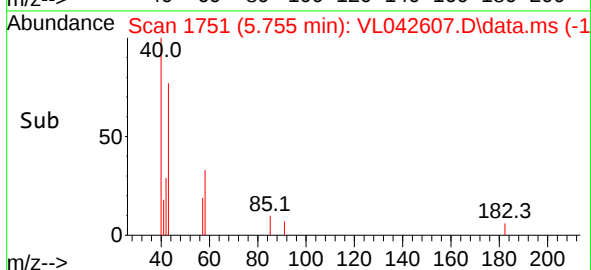
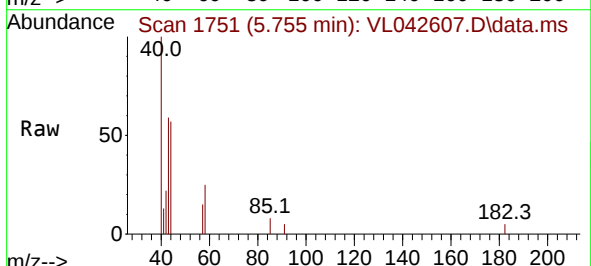
RT: 5.755 min Scan# 1751

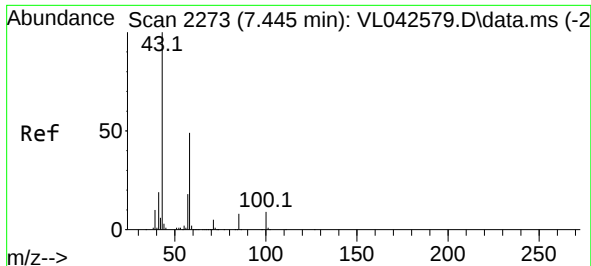
Delta R.T. -0.003 min

Lab File: VL042607.D

Acq: 03 Jun 2025 13:02

Tgt Ion: 43	Resp:	364
Ion	Ratio	Lower Upper
43	100	
58	0.0	28.3 42.5

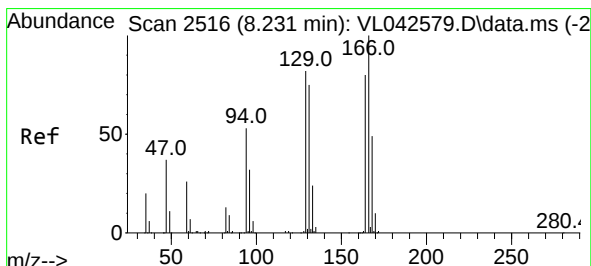
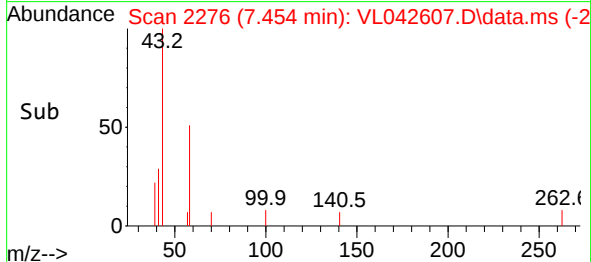
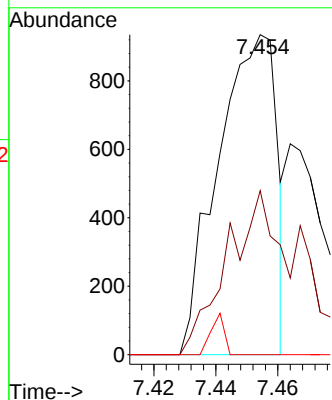
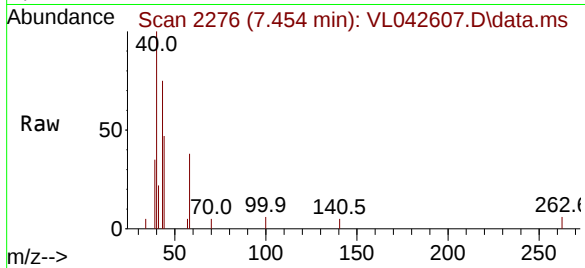




#51
2-Hexanone
Concen: 0.058 ppbv
RT: 7.454 min Scan# 2131
Delta R.T. 0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

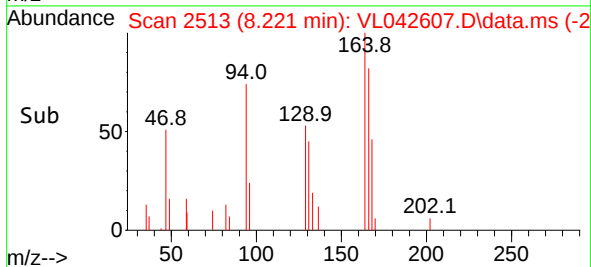
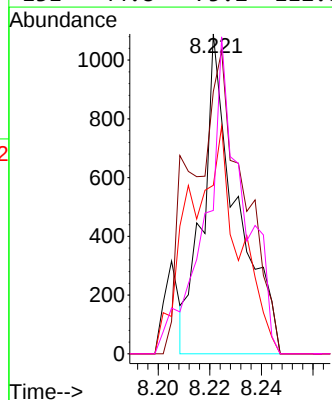
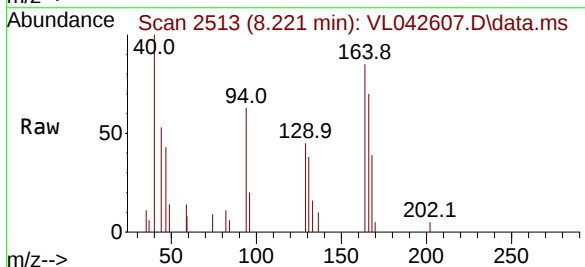
Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT2-2025

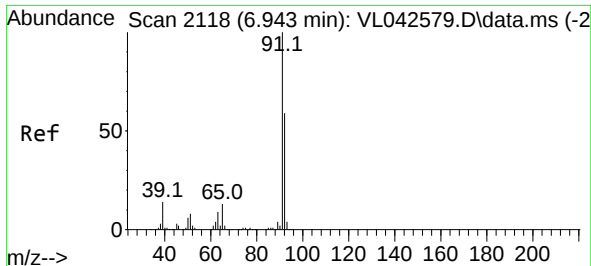
Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
58 67.0 39.9 59.9#
98 2.9 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.099 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 164 Resp: 988
Ion Ratio Lower Upper
164 100
166 82.0 100.0 150.0#
129 52.7 82.2 123.4#
131 44.8 75.2 112.8#

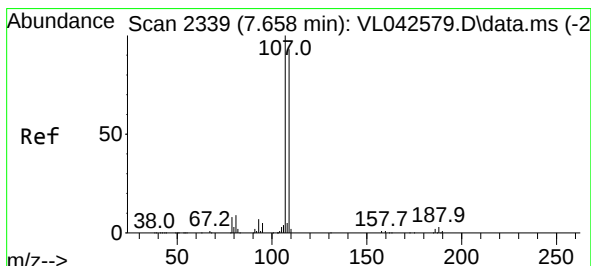
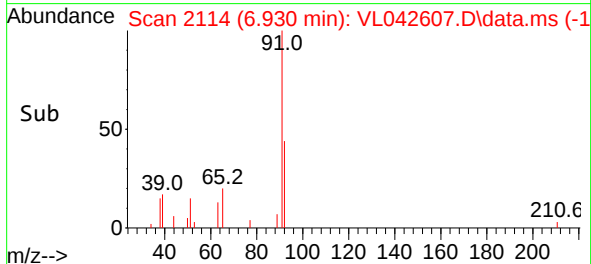
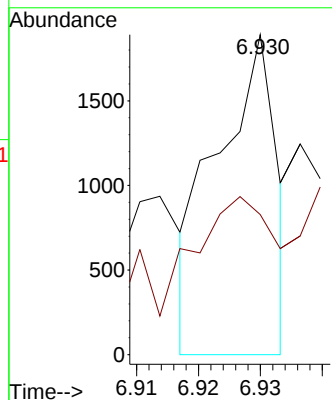
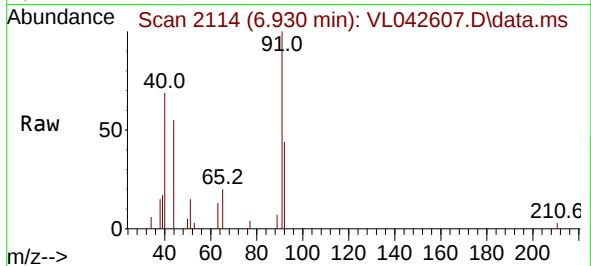




#53
Toluene
Concen: 0.041 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. -0.013 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

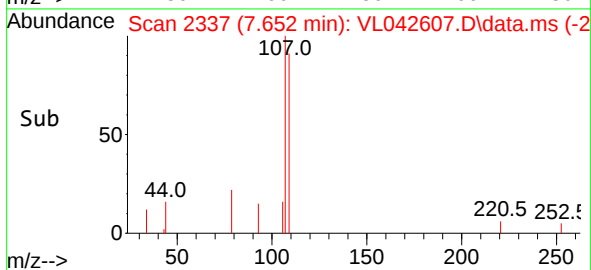
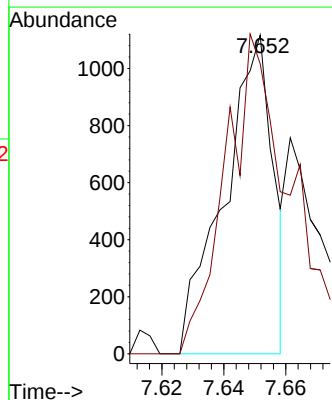
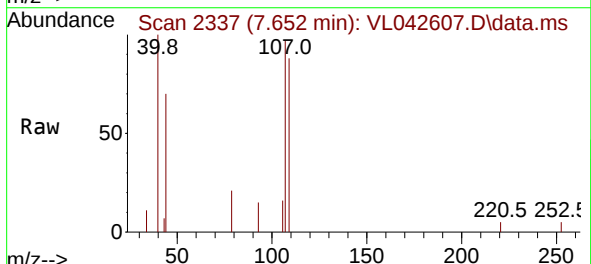
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

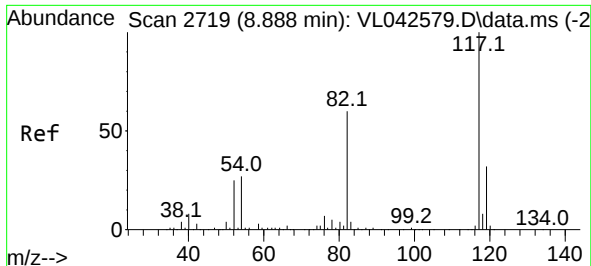
Tgt Ion: 91 Resp: 1275
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.4#



#54
1,2-Dibromoethane
Concen: 0.081 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 107 Resp: 1227
Ion Ratio Lower Upper
107 100
109 91.0 74.3 111.5

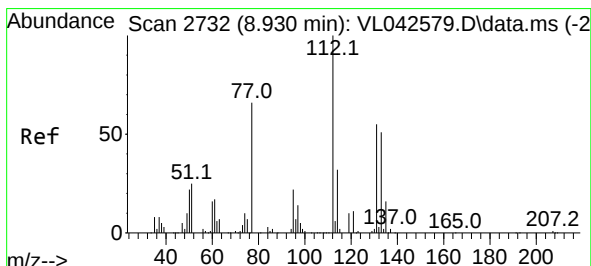
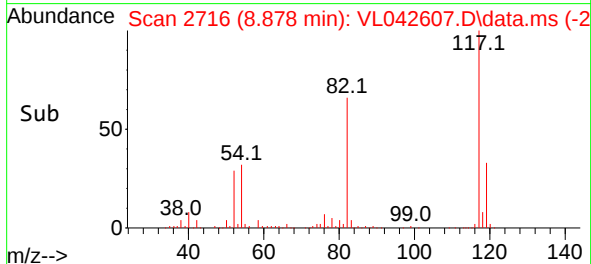
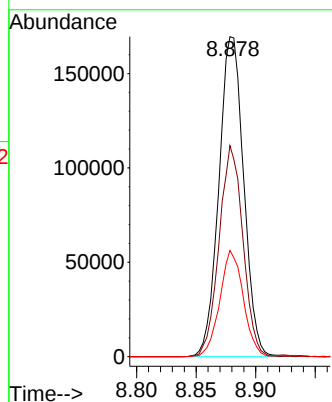
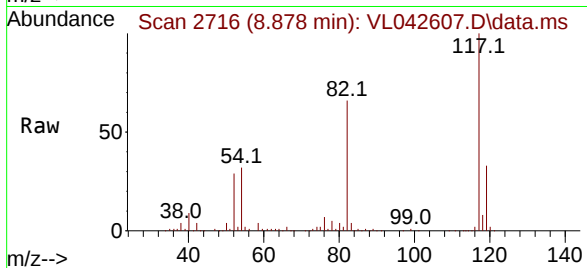




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

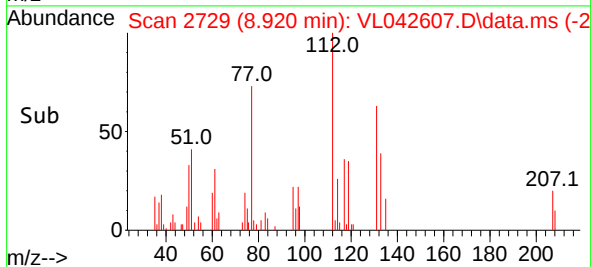
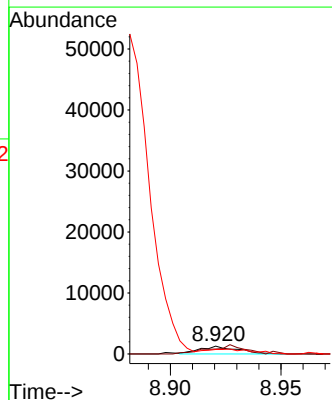
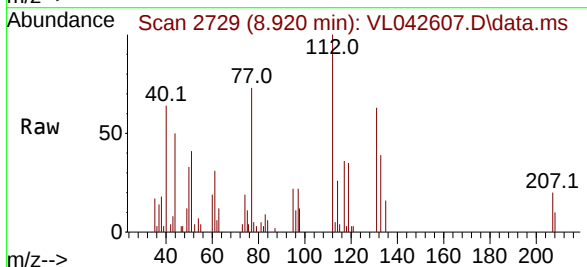
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

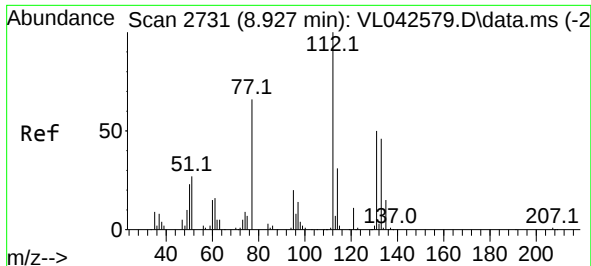
Tgt Ion:117 Resp: 244961
Ion Ratio Lower Upper
117 100
82 63.4 51.2 76.8
119 32.0 26.3 39.5



#56
1,1,1,2-Tetrachloroethane
Concen: 0.123 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion:131 Resp: 1517
Ion Ratio Lower Upper
131 100
133 116.2 75.0 112.6#
119 0.0 50.8 76.2#

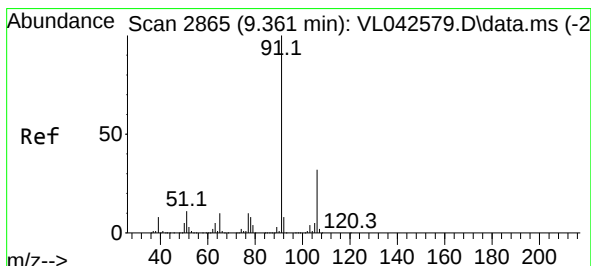
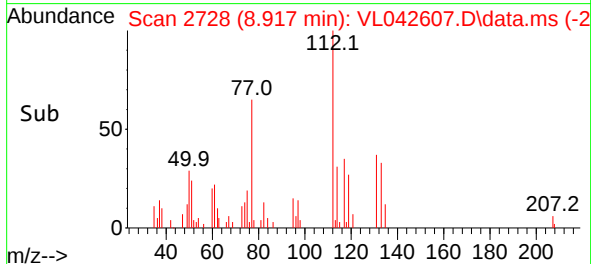
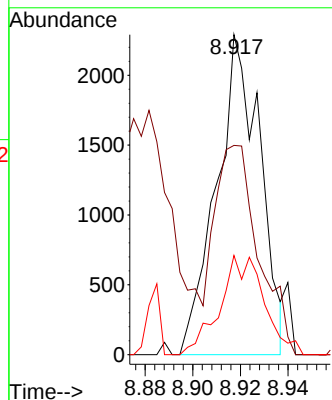
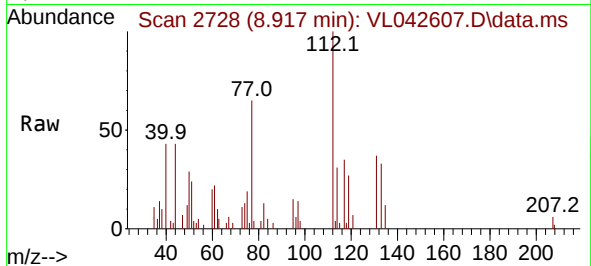




#57
Chlorobenzene
Concen: 0.122 ppbv
RT: 8.917 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

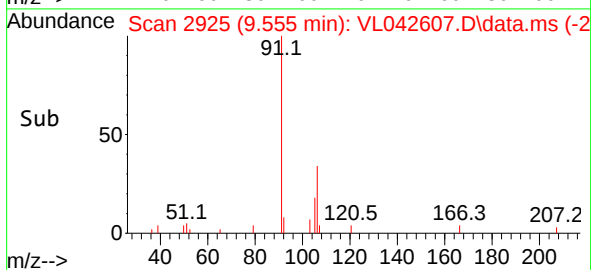
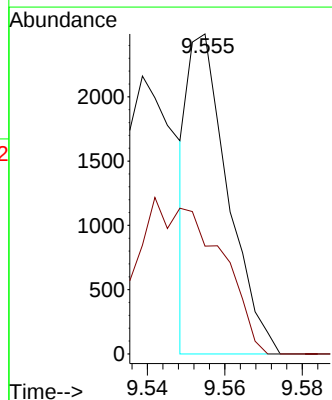
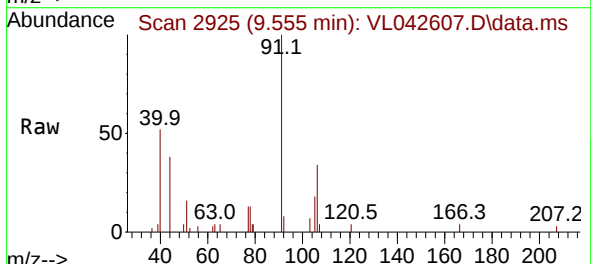
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

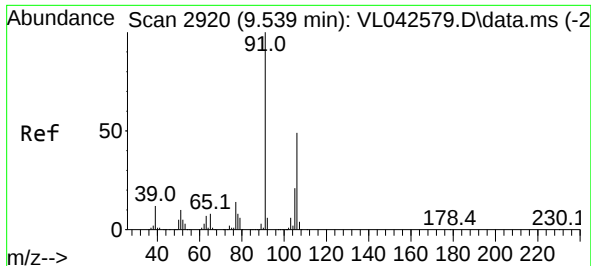
Tgt Ion:112 Resp: 2902
Ion Ratio Lower Upper
112 100
77 44.0 53.5 80.3#
114 31.0 27.8 34.0



#58
Ethyl Benzene
Concen: 0.043 ppbv
RT: 9.555 min Scan# 2925
Delta R.T. 0.194 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 91 Resp: 1770
Ion Ratio Lower Upper
91 100
106 33.7 25.9 38.9





#59

m/p-Xylene

Concen: 0.067 ppbv

RT: 9.532 min Scan# 2918

Delta R.T. -0.006 min

Lab File: VL042607.D

Acq: 03 Jun 2025 13:02

Instrument :

MSVOA_L

ClientSampleId :

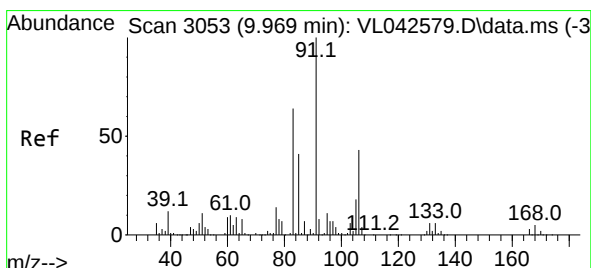
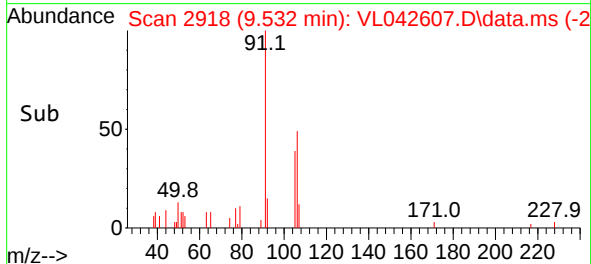
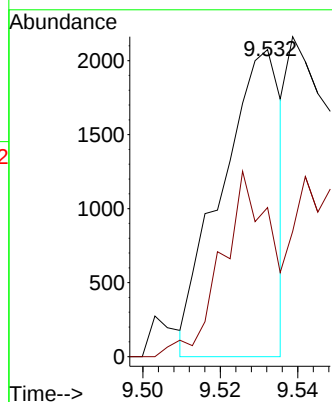
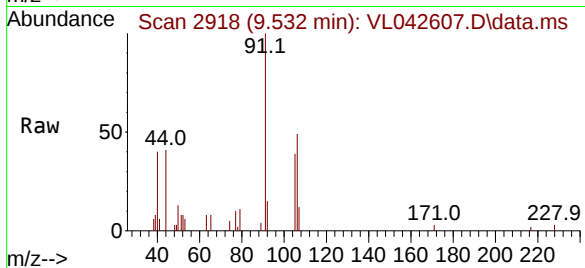
LOQ-AIR-02-QT2-2025

Tgt Ion: 91 Resp: 2205

Ion Ratio Lower Upper

91 100

106 121.5 38.8 58.2#



#60

o-Xylene

Concen: 0.096 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.006 min

Lab File: VL042607.D

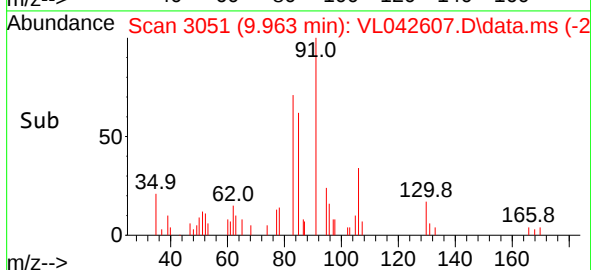
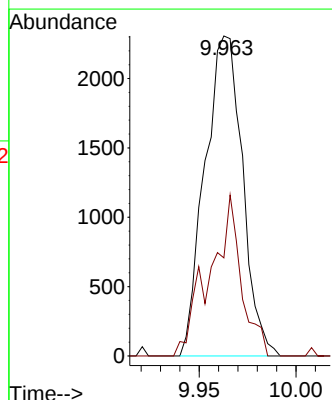
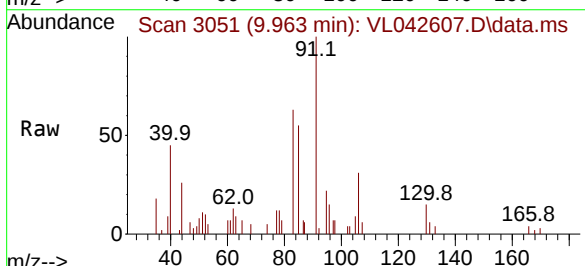
Acq: 03 Jun 2025 13:02

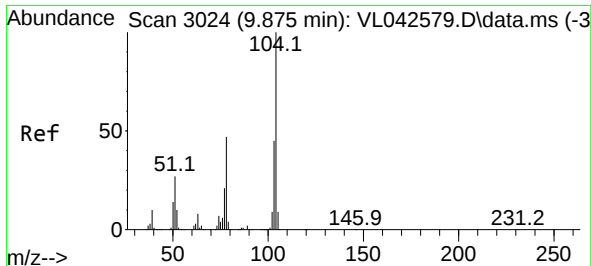
Tgt Ion: 91 Resp: 3119

Ion Ratio Lower Upper

91 100

106 42.3 22.9 68.5

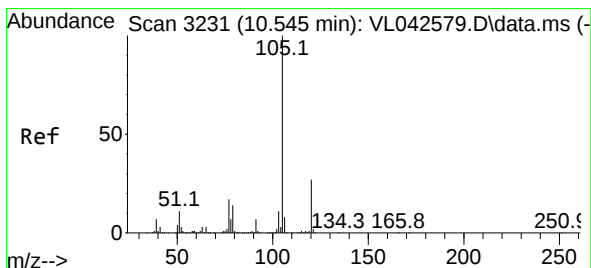
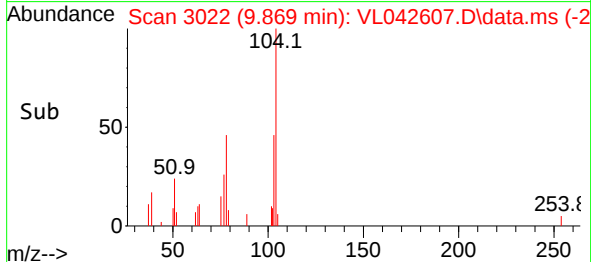
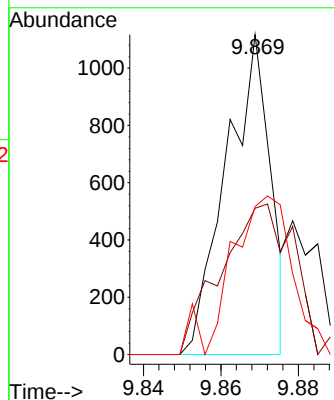
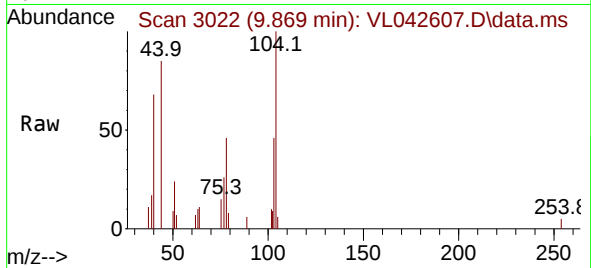




#61
Styrene
Concen: 0.058 ppbv
RT: 9.869 min Scan# 3024
Delta R.T. -0.006 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

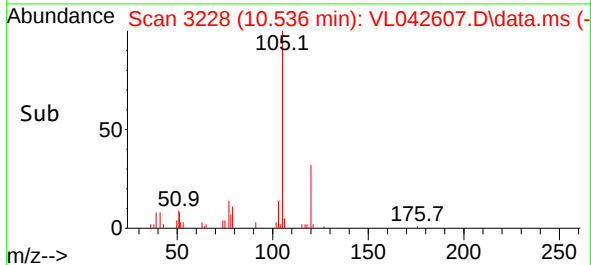
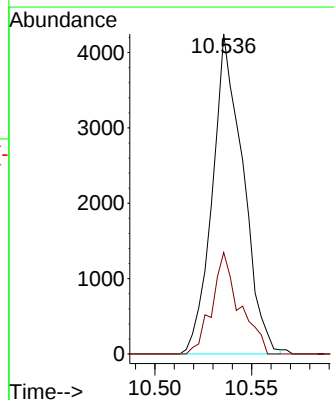
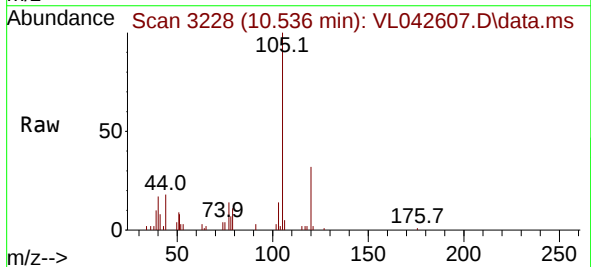
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

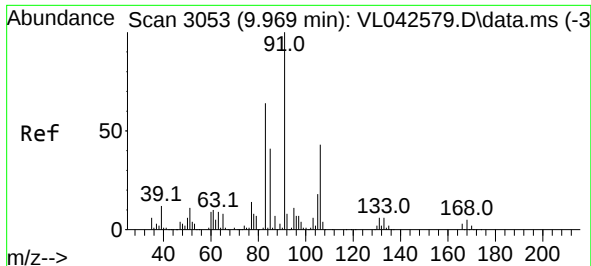
Tgt Ion:104 Resp: 888
Ion Ratio Lower Upper
104 100
78 78.7 38.2 57.4#
103 68.7 36.7 55.1#



#62
Isopropylbenzene
Concen: 0.097 ppbv
RT: 10.536 min Scan# 3228
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion:105 Resp: 4667
Ion Ratio Lower Upper
105 100
120 28.6 20.9 31.3

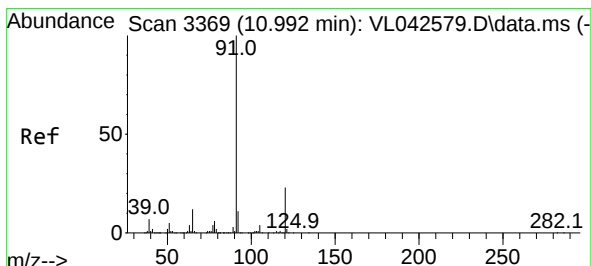
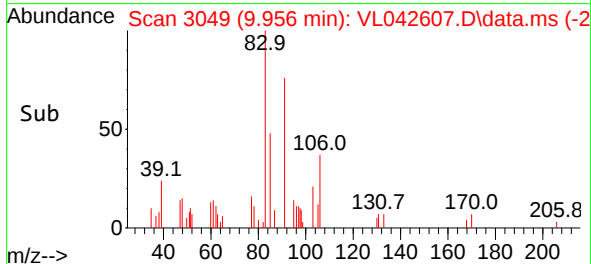
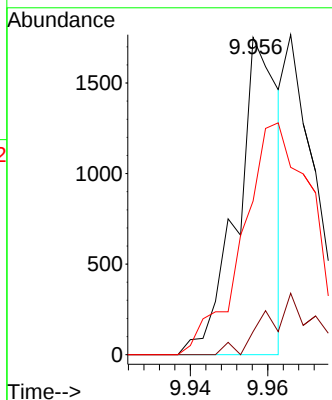
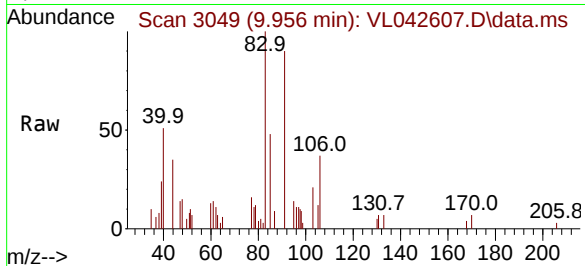




#63
1,1,2,2-Tetrachloroethane
Concen: 0.063 ppbv
RT: 9.956 min Scan# 3049
Delta R.T. -0.013 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

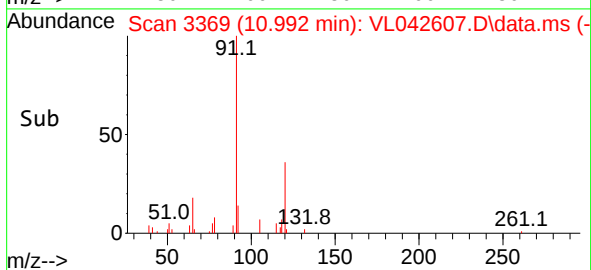
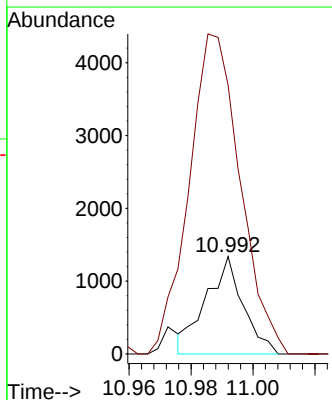
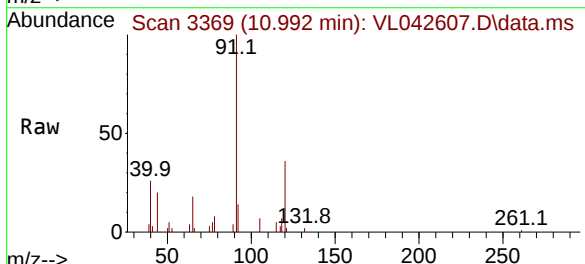
Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT2-2025

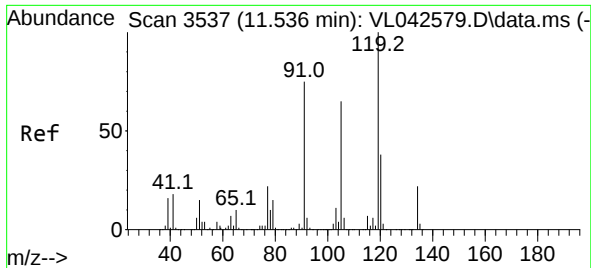
Tgt Ion: 83 Resp: 1298
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 0.0 32.5 97.4#



#64
n-propylbenzene
Concen: 0.086 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.000 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 120 Resp: 1113
Ion Ratio Lower Upper
120 100
91 459.2 363.0 544.6

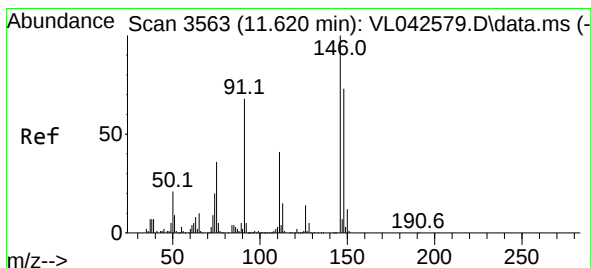
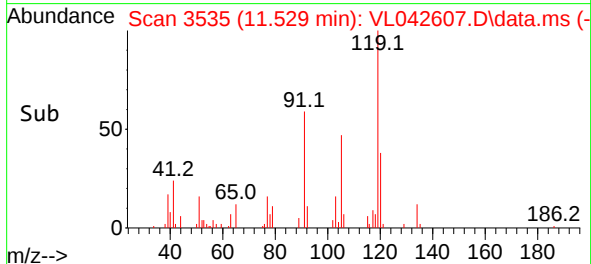
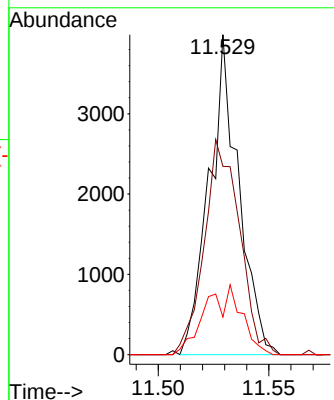
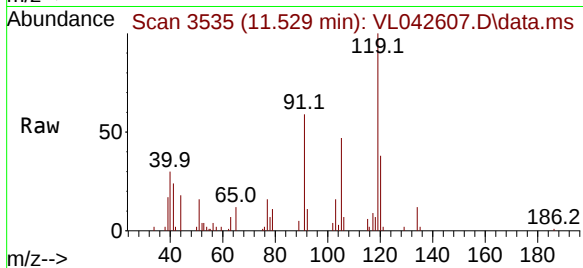




#65
tert-Butylbenzene
Concen: 0.084 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.006 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

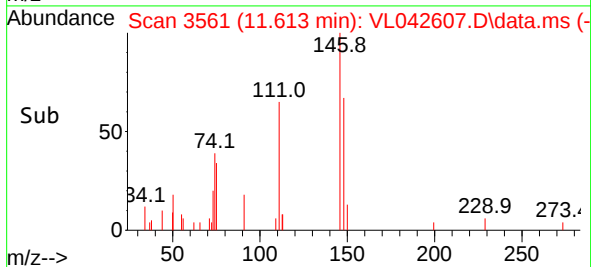
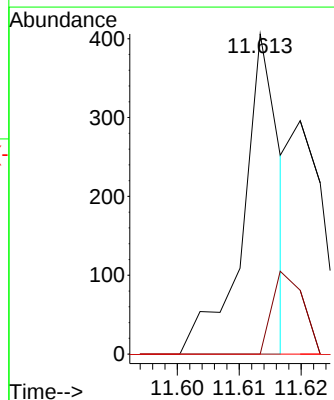
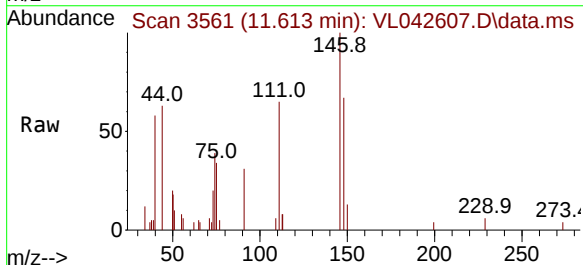
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

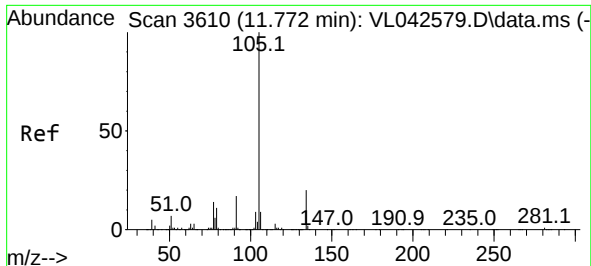
Tgt Ion:119 Resp: 3690
Ion Ratio Lower Upper
119 100
91 80.5 61.1 91.7
134 27.1 17.4 26.2#



#66
Benzyl Chloride
Concen: 0.030 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.006 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 91 Resp: 170
Ion Ratio Lower Upper
91 100
126 0.0 15.1 22.7#
128 0.0 5.0 7.6#





#67

sec-Butylbenzene

Concen: 0.083 ppbv

RT: 11.769 min Scan# 3609

Delta R.T. -0.003 min

Lab File: VL042607.D

Acq: 03 Jun 2025 13:02

Instrument :

MSVOA_L

ClientSampleId :

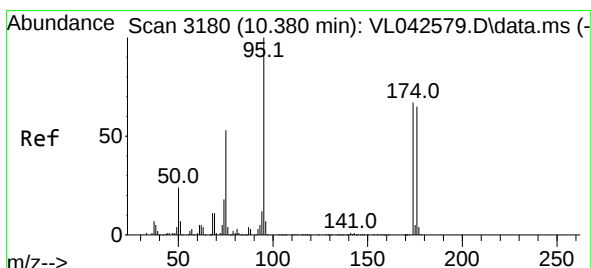
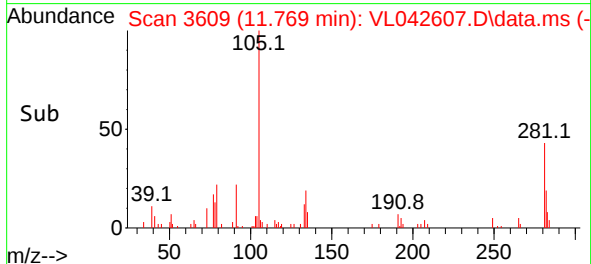
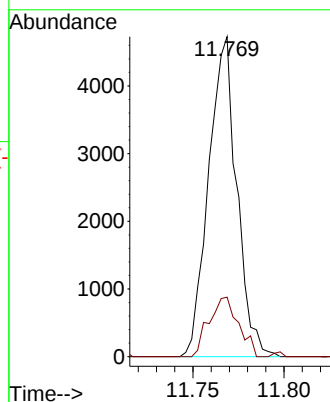
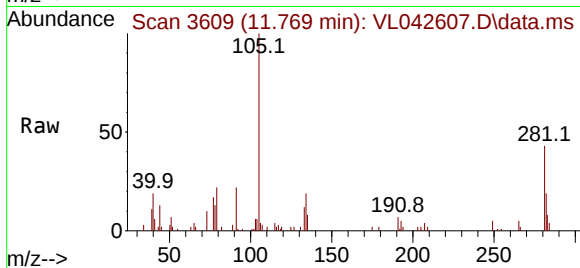
LOQ-AIR-02-QT2-2025

Tgt Ion:105 Resp: 5082

Ion Ratio Lower Upper

105 100

134 20.0 15.8 23.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.099 ppbv

RT: 10.374 min Scan# 3178

Delta R.T. -0.006 min

Lab File: VL042607.D

Acq: 03 Jun 2025 13:02

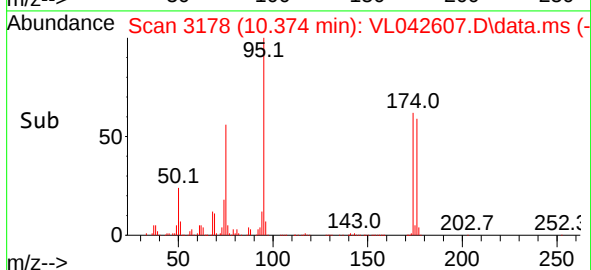
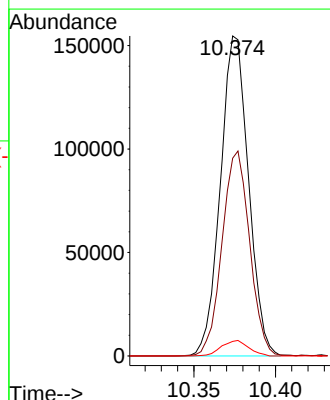
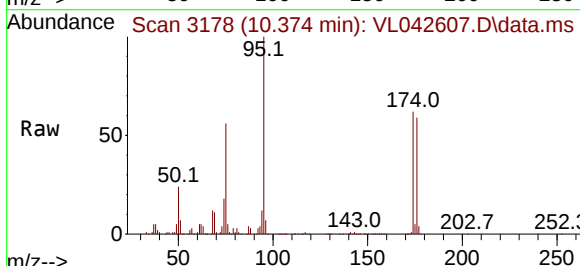
Tgt Ion: 95 Resp: 185452

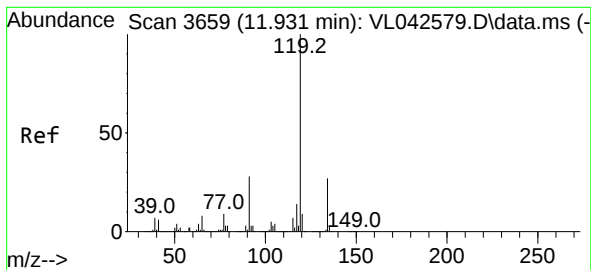
Ion Ratio Lower Upper

95 100

174 63.0 53.1 79.7

175 4.7 4.2 6.2





#69

p-Isopropyltoluene

Concen: 0.072 ppbv

RT: 11.921 min Scan# 3656

Delta R.T. -0.010 min

Lab File: VL042607.D

Acq: 03 Jun 2025 13:02

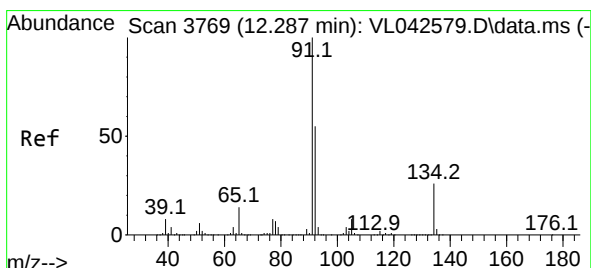
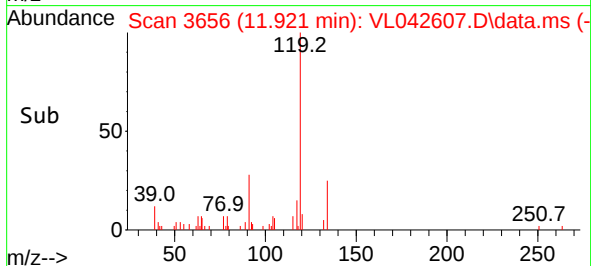
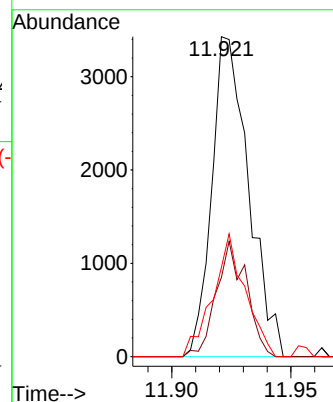
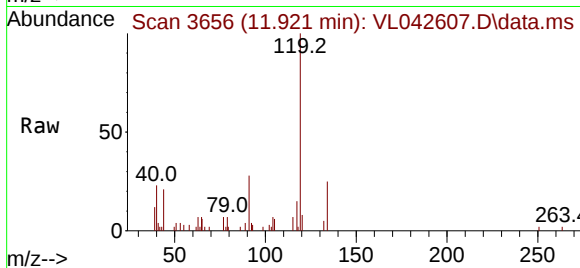
Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2025

Tgt Ion:	119	Resp:	3686
Ion	Ratio	Lower	Upper
119	100		
134	29.4	21.1	31.7
91	34.9	21.9	32.9#



#70

n-Butylbenzene

Concen: 0.074 ppbv

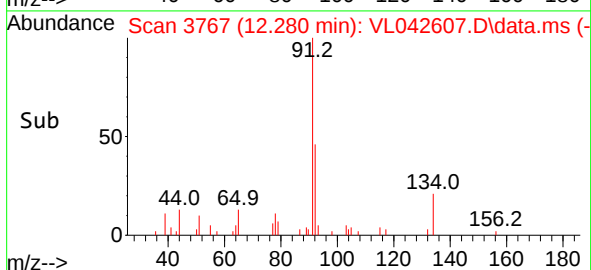
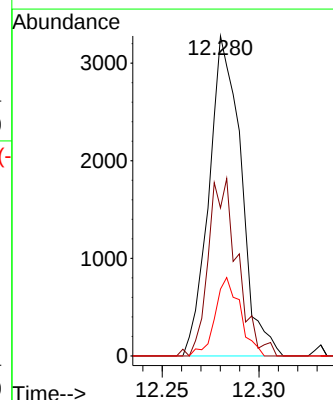
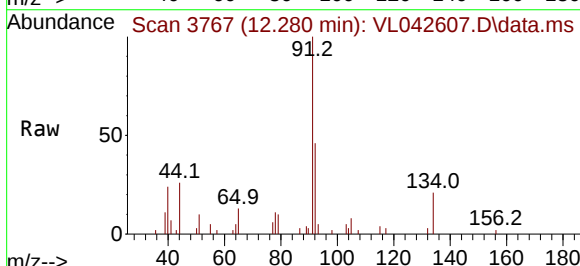
RT: 12.280 min Scan# 3767

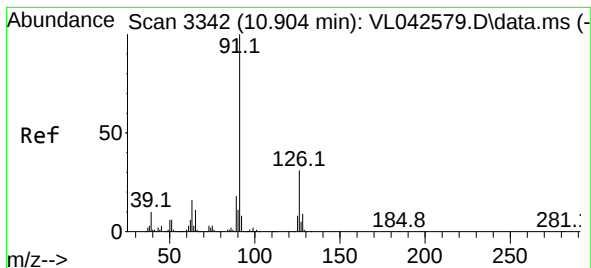
Delta R.T. -0.006 min

Lab File: VL042607.D

Acq: 03 Jun 2025 13:02

Tgt Ion:	91	Resp:	3779
Ion	Ratio	Lower	Upper
91	100		
92	50.4	44.4	66.6
134	19.3	20.1	30.1#

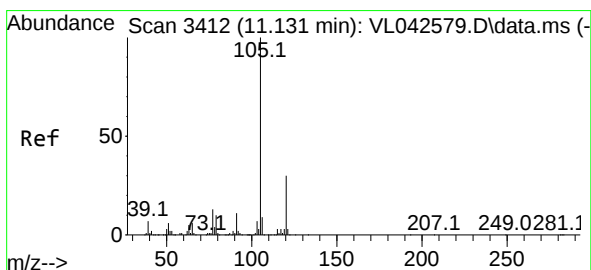
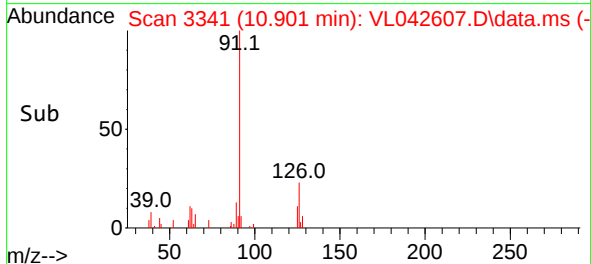
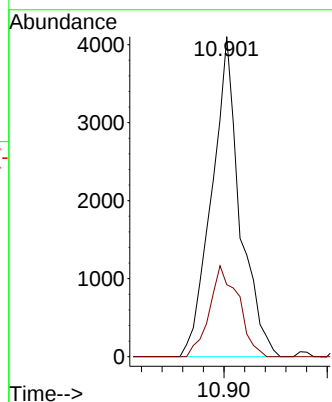
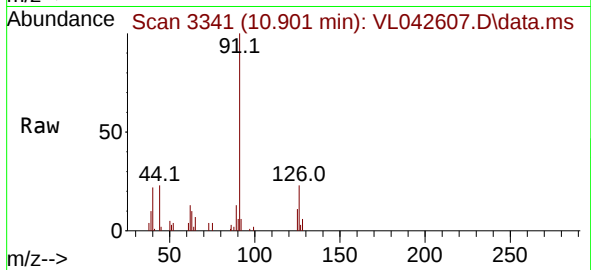




#71
2-Chlorotoluene
Concen: 0.106 ppbv
RT: 10.901 min Scan# 311
Delta R.T. -0.003 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

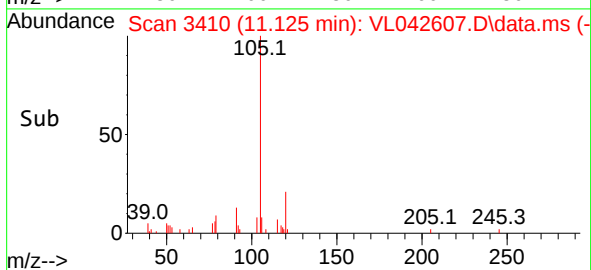
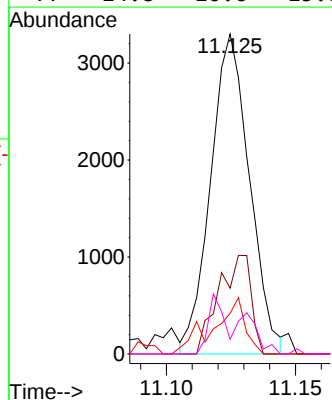
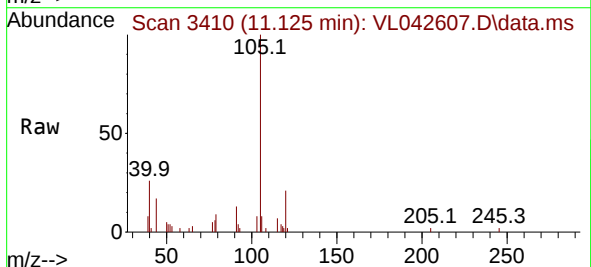
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

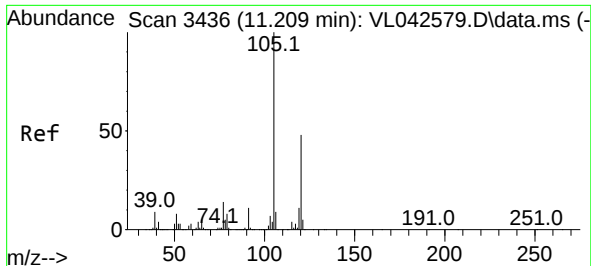
Tgt Ion: 91 Resp: 3893
Ion Ratio Lower Upper
91 100
126 29.2 12.6 50.4



#72
4-Ethyltoluene
Concen: 0.085 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. -0.006 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion: 105 Resp: 3451
Ion Ratio Lower Upper
105 100
120 25.9 24.6 36.8
91 16.0 9.6 14.4#
77 14.8 10.6 15.8

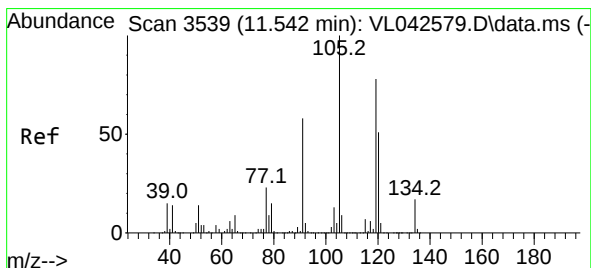
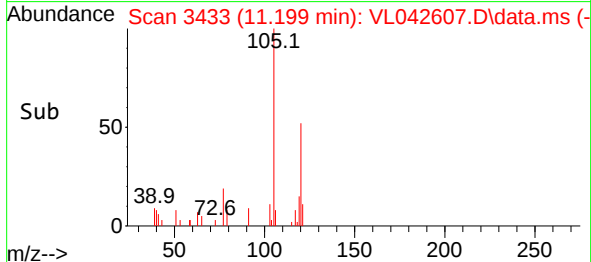
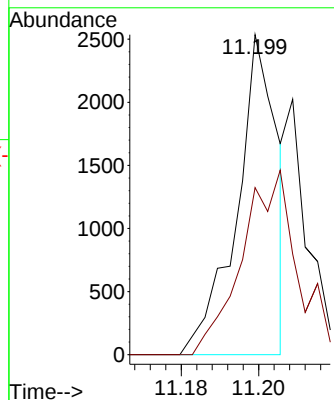
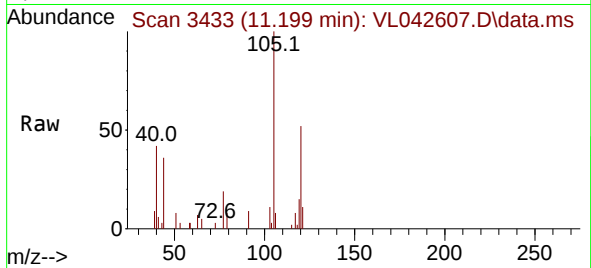




#73
1,3,5-Trimethylbenzene
Concen: 0.055 ppbv
RT: 11.199 min Scan# 3433
Delta R.T. -0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

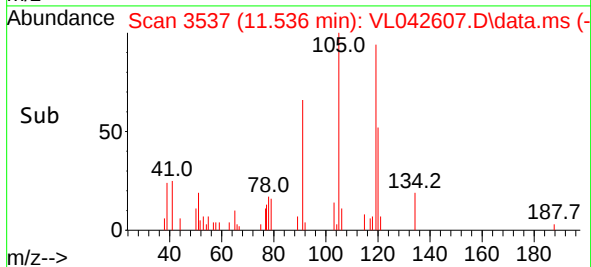
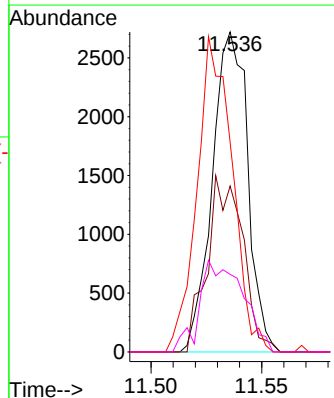
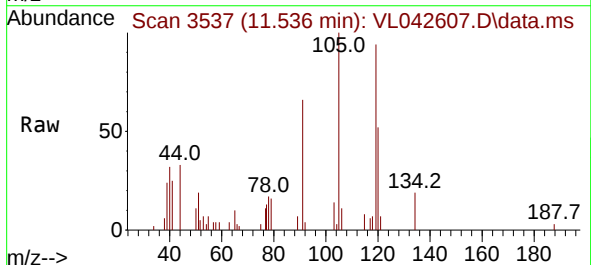
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

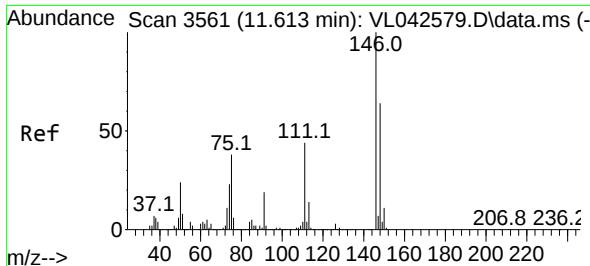
Tgt Ion:105 Resp: 1838
Ion Ratio Lower Upper
105 100
120 52.2 38.8 58.2



#74
1,2,4-Trimethylbenzene
Concen: 0.081 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.006 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion:105 Resp: 3020
Ion Ratio Lower Upper
105 100
120 51.9 40.8 61.2
91 65.6 46.8 70.2
77 24.2 18.2 27.2

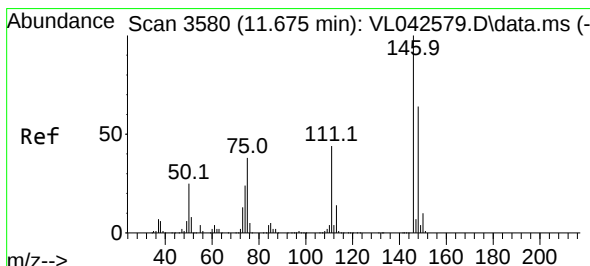
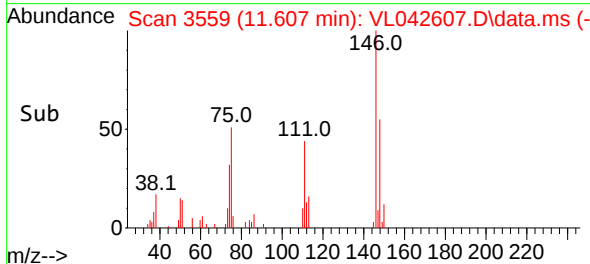
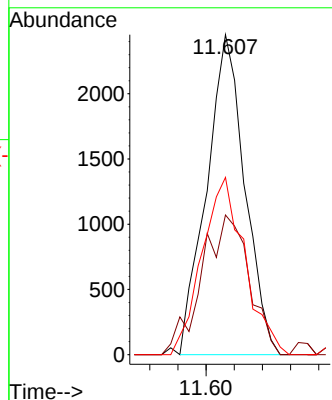
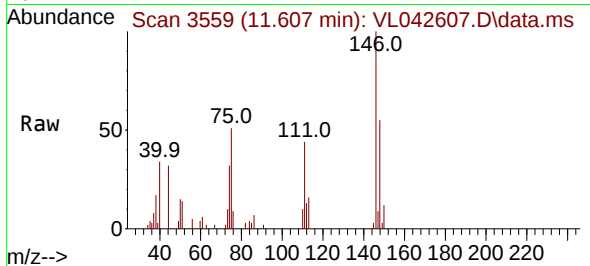




#75
1,3-Dichlorobenzene
Concen: 0.099 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.006 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

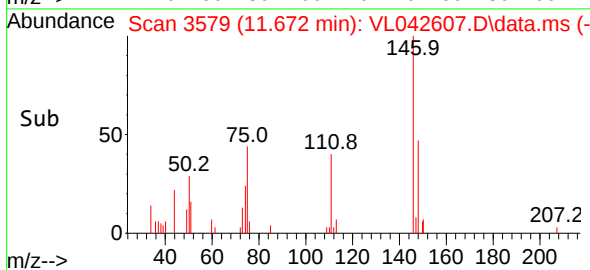
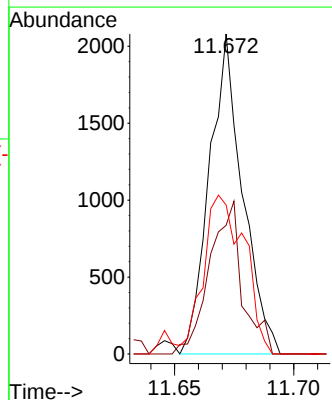
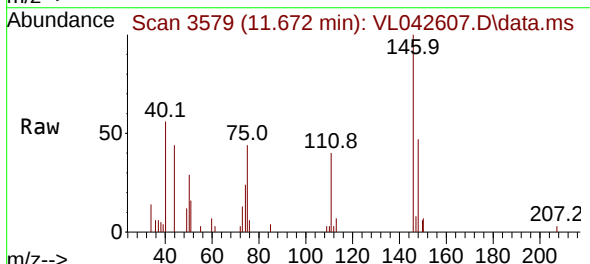
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

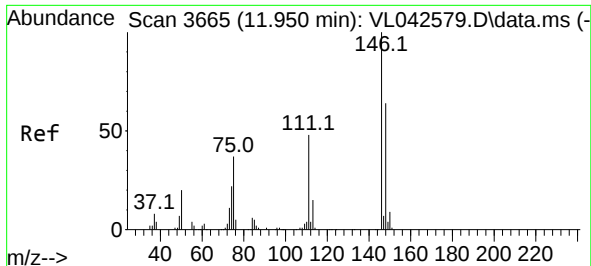
Tgt Ion:146 Resp: 2311
Ion Ratio Lower Upper
146 100
111 55.6 22.4 67.3
148 61.7 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 0.086 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. -0.003 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

Tgt Ion:146 Resp: 2018
Ion Ratio Lower Upper
146 100
111 47.0 21.6 64.8
148 64.3 32.1 96.5

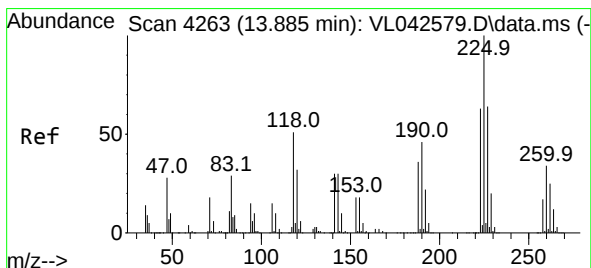
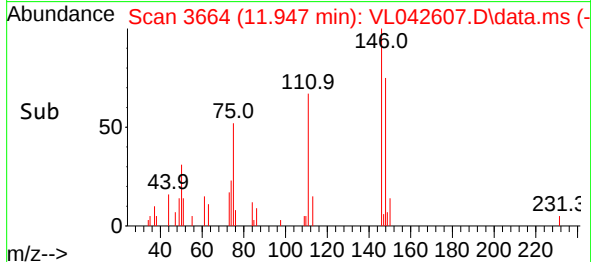
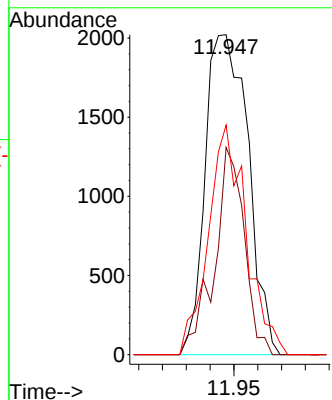
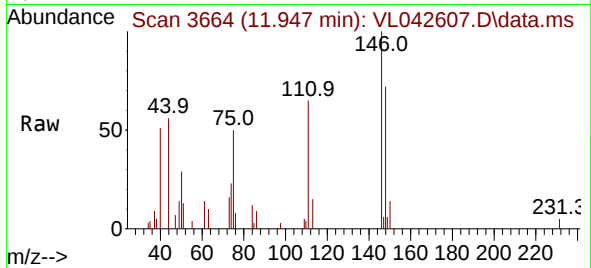




#77
 1,2-Dichlorobenzene
 Concen: 0.111 ppbv
 RT: 11.947 min Scan# 3664
 Delta R.T. -0.003 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

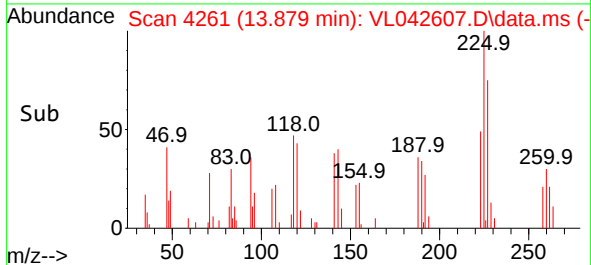
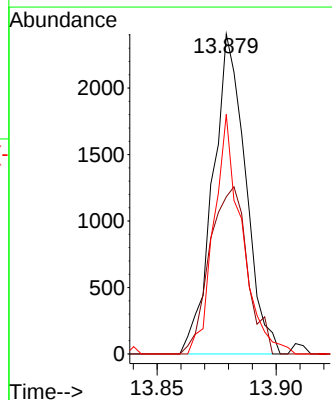
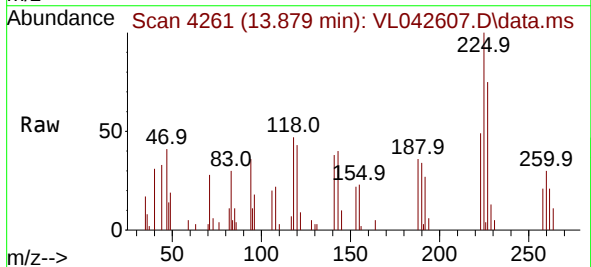
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

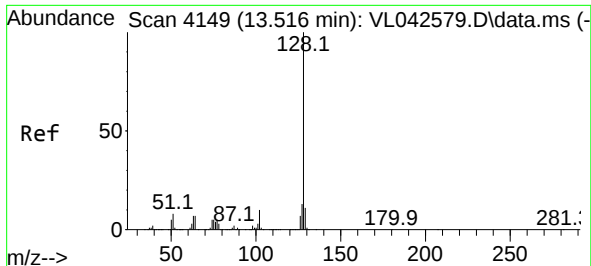
Tgt Ion:	146	Resp:	2527
Ion	Ratio	Lower	Upper
146	100		
111	45.0	23.1	69.3
148	63.3	32.1	96.3



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.122 ppbv
 RT: 13.879 min Scan# 4261
 Delta R.T. -0.006 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

Tgt Ion:	225	Resp:	2290
Ion	Ratio	Lower	Upper
225	100		
223	60.3	50.2	75.4
227	64.1	51.1	76.7

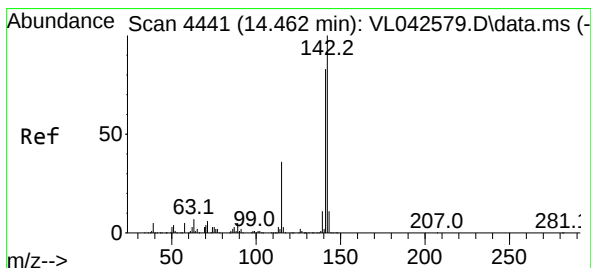
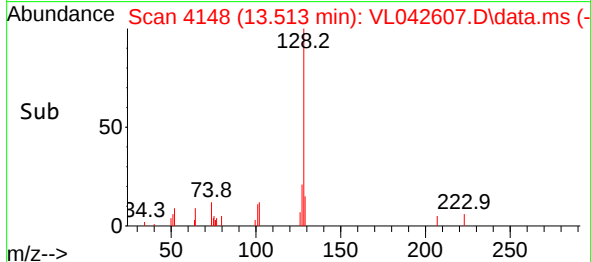
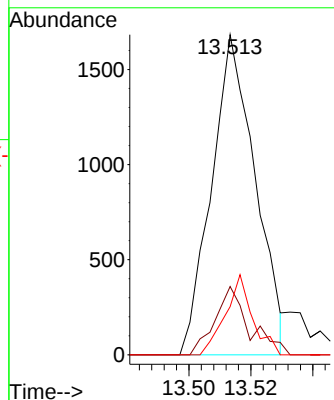
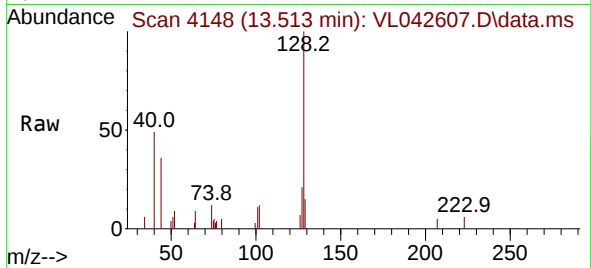




#79
Naphthalene
Concen: 0.047 ppbv
RT: 13.513 min Scan# 4149
Delta R.T. -0.003 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

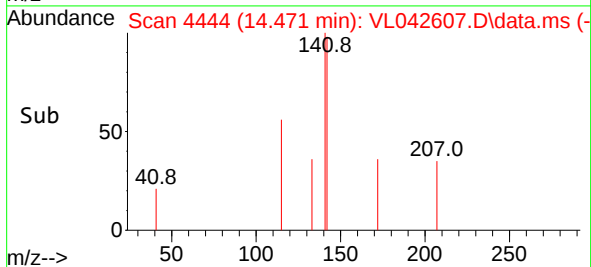
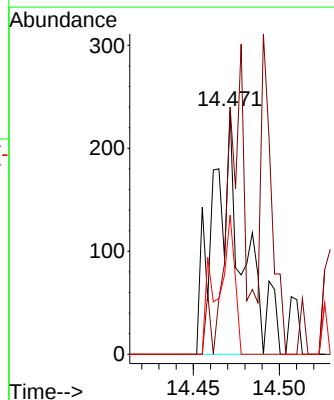
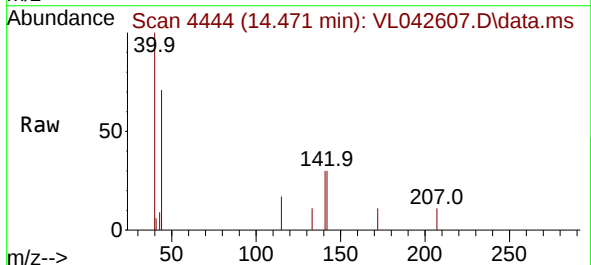
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

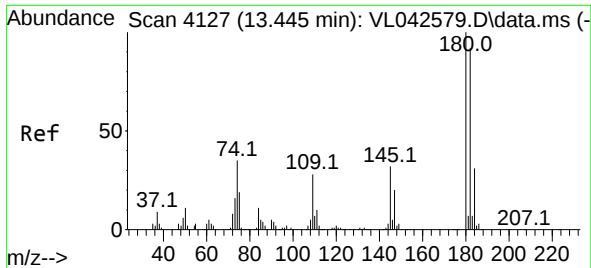
Tgt Ion:128 Resp: 1649
Ion Ratio Lower Upper
128 100
127 21.3 10.2 15.4#
129 15.0 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.018 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.010 min
Lab File: VL042607.D
Acq: 03 Jun 2025 13:02

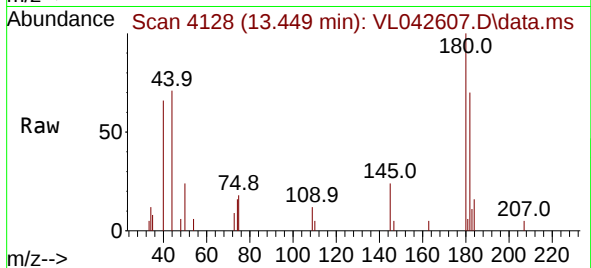
Tgt Ion:142 Resp: 284
Ion Ratio Lower Upper
142 100
141 119.4 66.2 99.4#
115 33.1 28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 0.023 ppbv
 RT: 13.449 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042607.D
 Acq: 03 Jun 2025 13:02

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025



Tgt Ion:180 Resp: 443
 Ion Ratio Lower Upper
 180 100
 182 0.0 75.0 112.4#
 184 61.2 24.6 36.8#

