

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042606.D
 Acq On : 03 Jun 2025 12:30
 Operator : SY/MD
 Sample : Q2126-14 0.5 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 04 01:47:53 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	2.787	49	102090	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.958	114	282273	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	253010	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	192349	10.142	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	6668	0.531	ppbv	97
3) Chlorodifluoromethane	1.476	51	9974	0.577	ppbv	98
4) Chloromethane	1.531	50	2671	0.538	ppbv	96
5) Vinyl Chloride	1.580	62	2637	0.521	ppbv	96
6) Bromomethane	1.667	94	1278	0.519	ppbv #	56
7) Chloroethane	1.706	64	869	0.442	ppbv	93
8) Dichlorotetrafluoroethane	1.554	85	5757	0.551	ppbv	98
9) Propene	1.482	41	3597	0.517	ppbv	90
10) Heptane	4.975	43	5146	0.262	ppbv #	28
11) Trichlorofluoromethane	1.877	101	6787	0.581	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.140	101	4890	0.533	ppbv	100
13) Ethanol	1.719	45	981	1.183	ppbv #	45
14) Bromoethene	1.783	108	1830	0.531	ppbv #	94
15) Acetone	1.835	43	8358	0.680	ppbv	94
16) 1,3-Butadiene	1.609	39	3248	0.558	ppbv	94
17) tert-Butyl alcohol	2.042	59	7145	0.558	ppbv #	92
18) 1,1-Dichloroethene	2.033	96	2279	0.536	ppbv	95
19) Isopropyl Alcohol	1.887	45	3768	0.513	ppbv #	53
20) Methylene Chloride	2.062	84	2558	0.630	ppbv	93
21) Allyl Chloride	2.094	41	4659	0.537	ppbv	90
22) trans-1,2-Dichloroethene	2.337	96	2765	0.583	ppbv	91
23) Vinyl Acetate	2.463	43	8217	0.494	ppbv #	88
24) 1,1-Dichloroethane	2.408	63	5627	0.576	ppbv	96
25) Ethyl Acetate	2.839	43	18729	0.557	ppbv	99
26) Hexane	2.826	57	6937	0.454	ppbv #	74
27) Carbon Disulfide	2.149	76	5691	0.485	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	2887	0.465	ppbv #	82
29) Chloroform	2.848	83	11410	0.574	ppbv	92
30) Cyclohexane	3.852	84	3388	0.267	ppbv #	1
31) cis-1,2-Dichloroethene	2.719	61	7957	0.569	ppbv	91
32) 1,1,1-Trichloroethane	3.366	97	10547	0.519	ppbv	94
34) 2-Butanone	2.560	43	12502	0.621	ppbv	99
35) Carbon Tetrachloride	3.761	117	10776	0.578	ppbv	89
36) Benzene	3.658	78	15107	0.543	ppbv	97
37) 1,2-Dichloroethane	3.221	62	8513	0.616	ppbv	97
38) Trichloroethene	4.548	130	6021	0.510	ppbv #	88
39) 1,2-Dichloropropane	4.315	63	5853	0.569	ppbv #	86
40) 1,4-Dioxane	4.593	88	706	0.153	ppbv #	24
41) Tetrahydrofuran	3.065	42	5847	0.496	ppbv #	92
42) Bromodichloromethane	4.486	83	11336	0.578	ppbv #	90
43) Methyl Methacrylate	4.884	69	2778	0.257	ppbv #	1
44) 2,2,4-Trimethylpentane	4.638	57	25186	0.530	ppbv	97
45) t-1,3-Dichloropropene	6.386	75	234	0.019	ppbv	96

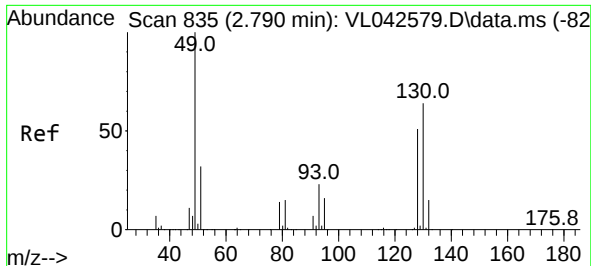
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
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Quant Time: Jun 04 01:47:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : 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	5.609	75	2304	0.149	ppbv	94
47) 1,1,2-Trichloroethane	6.577	97	4069	0.382	ppbv	89
48) Dibromochloromethane	7.393	129	4341	0.255	ppbv #	11
49) Bromoform	9.483	173	7309	0.497	ppbv	98
50) 4-Methyl-2-Pentanone	5.768	43	12473	0.447	ppbv	93
51) 2-Hexanone	7.448	43	9544	0.431	ppbv #	95
52) Tetrachloroethene	8.224	164	5119	0.493	ppbv	94
53) Toluene	6.933	91	15538	0.484	ppbv	97
54) 1,2-Dibromoethane	7.652	107	8170	0.519	ppbv	87
56) 1,1,1,2-Tetrachloroethane	8.920	131	7220	0.568	ppbv #	1
57) Chlorobenzene	8.920	112	13677	0.557	ppbv	94
58) Ethyl Benzene	9.357	91	20163	0.470	ppbv	95
59) m/p-Xylene	9.532	91	12004	0.355	ppbv #	1
60) o-Xylene	9.966	91	16108	0.478	ppbv	99
61) Styrene	9.872	104	6236	0.392	ppbv #	89
62) Isopropylbenzene	10.542	105	25034	0.503	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.962	83	12026	0.561	ppbv	97
64) n-propylbenzene	10.988	120	6377	0.478	ppbv	94
65) tert-Butylbenzene	11.532	119	21719	0.481	ppbv	96
66) Benzyl Chloride	11.613	91	2151	0.370	ppbv #	96
67) sec-Butylbenzene	11.769	105	32248	0.508	ppbv	96
69) p-Isopropyltoluene	11.927	119	24672	0.464	ppbv	97
70) n-Butylbenzene	12.283	91	24548	0.468	ppbv	97
71) 2-Chlorotoluene	10.901	91	18913	0.498	ppbv	97
72) 4-Ethyltoluene	11.124	105	19093	0.455	ppbv #	97
73) 1,3,5-Trimethylbenzene	11.202	105	16443	0.473	ppbv	95
74) 1,2,4-Trimethylbenzene	11.535	105	18926	0.491	ppbv #	90
75) 1,3-Dichlorobenzene	11.607	146	13116	0.541	ppbv	99
76) 1,4-Dichlorobenzene	11.671	146	12007	0.497	ppbv	94
77) 1,2-Dichlorobenzene	11.950	146	13433	0.571	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	11543	0.593	ppbv	100
79) Naphthalene	13.516	128	14320	0.394	ppbv	98
80) Naphthalene,2-methyl-	14.461	142	4406	0.268	ppbv	96
81) 1,2,4-Trichlorobenzene	13.442	180	7898	0.389	ppbv	96

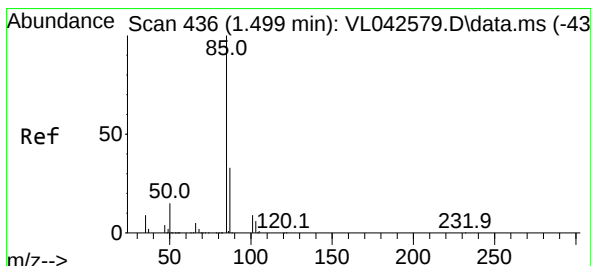
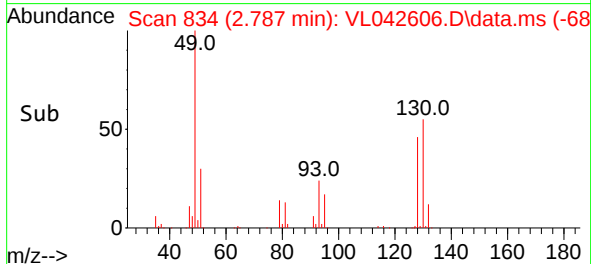
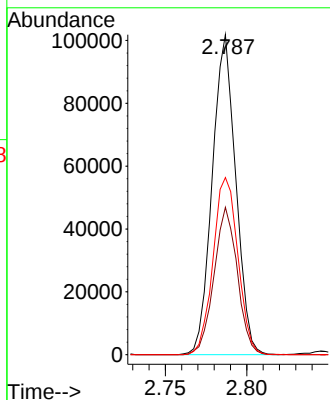
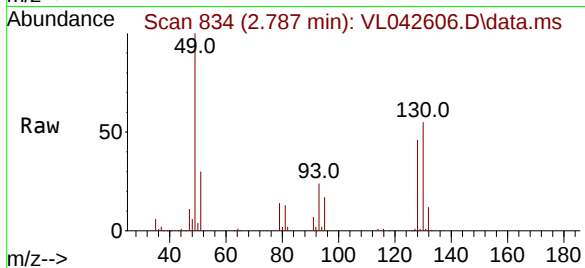
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 835
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

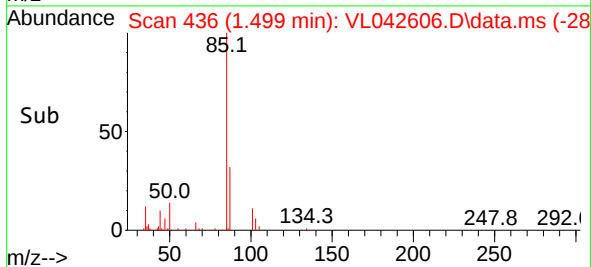
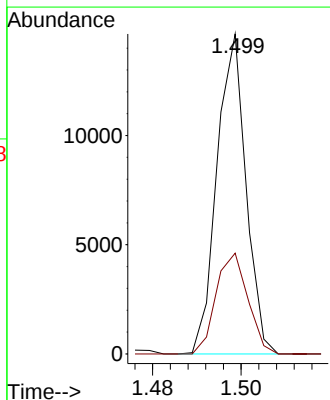
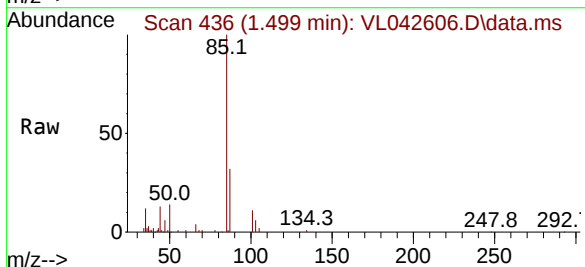
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

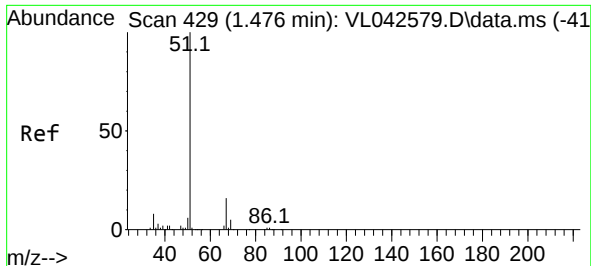
Tgt Ion: 49 Resp: 102090
Ion Ratio Lower Upper
49 100
128 45.7 24.2 72.6
130 58.5 30.4 91.2



#2
Dichlorodifluoromethane
Concen: 0.531 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 85 Resp: 6668
Ion Ratio Lower Upper
85 100
87 31.5 26.6 39.8

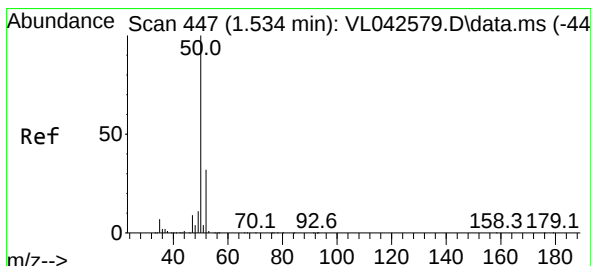
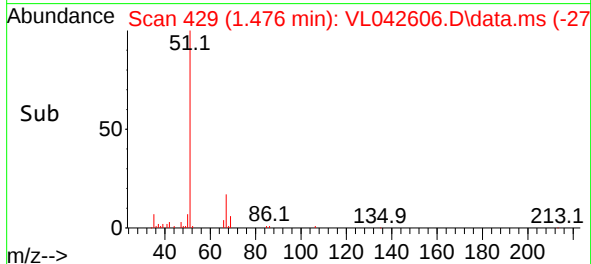
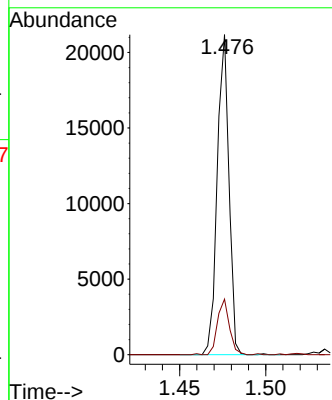
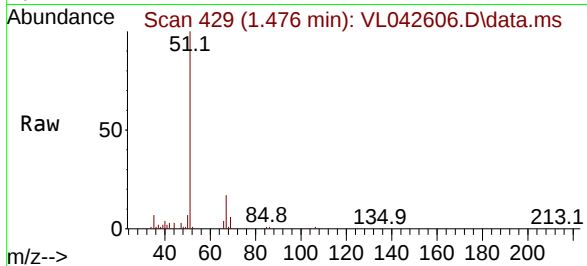




#3
Chlorodifluoromethane
Concen: 0.577 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

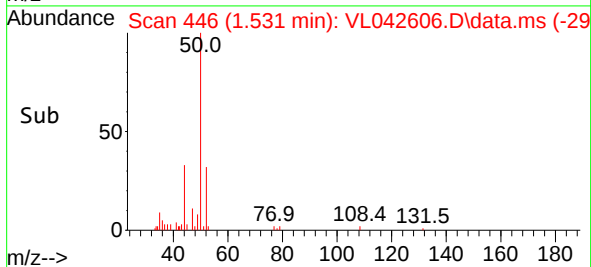
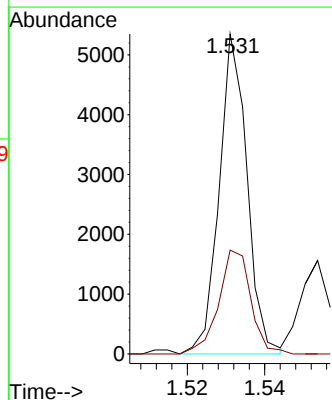
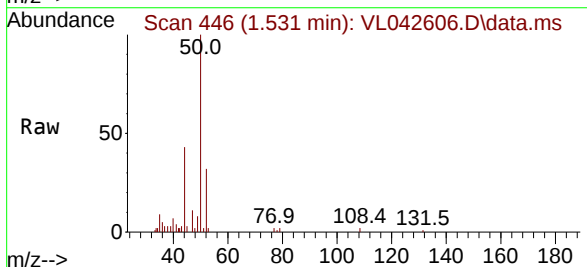
Instrument :
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ClientSampleId :
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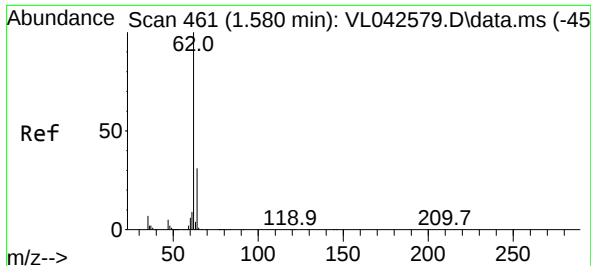
Tgt Ion: 51 Resp: 9974
Ion Ratio Lower Upper
51 100
67 17.9 13.4 20.2



#4
Chloromethane
Concen: 0.538 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 50 Resp: 2671
Ion Ratio Lower Upper
50 100
52 34.7 25.8 38.6

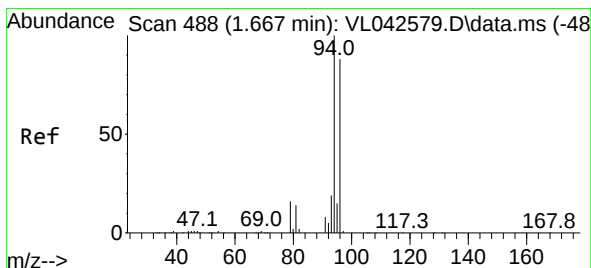
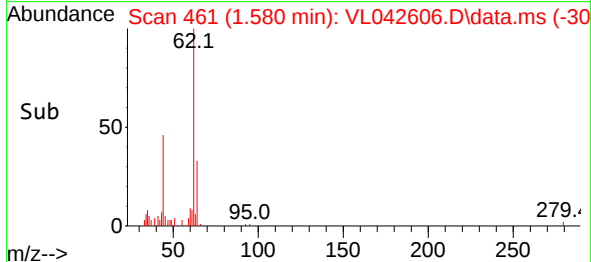
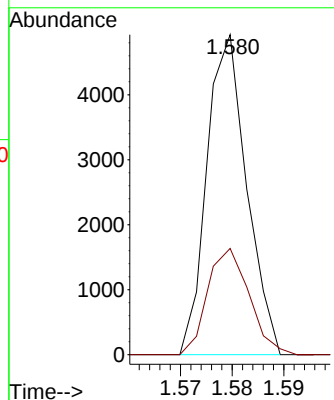
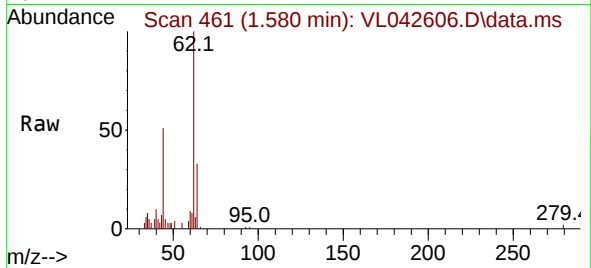




#5
 Vinyl Chloride
 Concen: 0.521 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

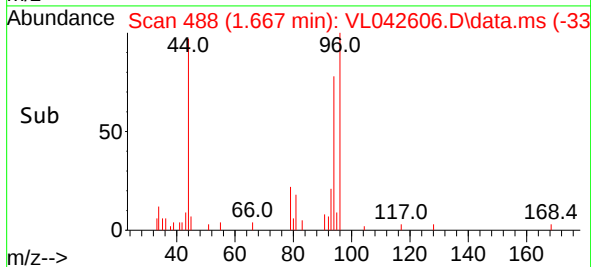
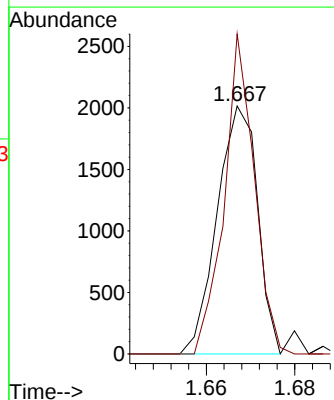
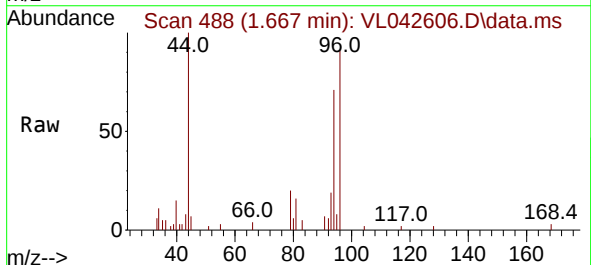
Instrument :
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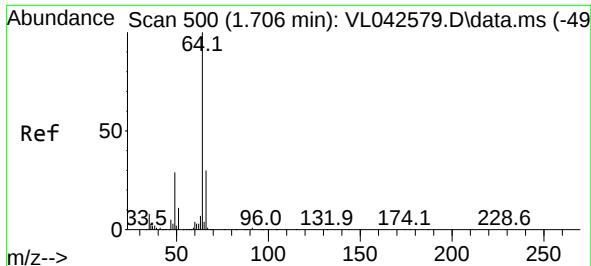
Tgt Ion: 62 Resp: 2637
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.9 37.3



#6
 Bromomethane
 Concen: 0.519 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

Tgt Ion: 94 Resp: 1278
 Ion Ratio Lower Upper
 94 100
 96 129.0 70.7 106.1#

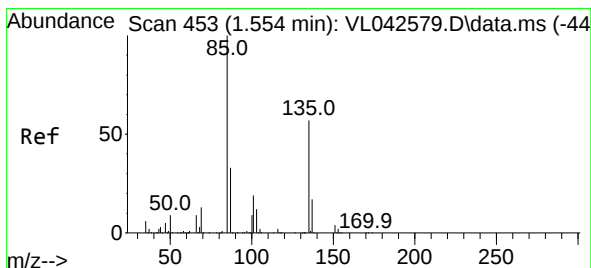
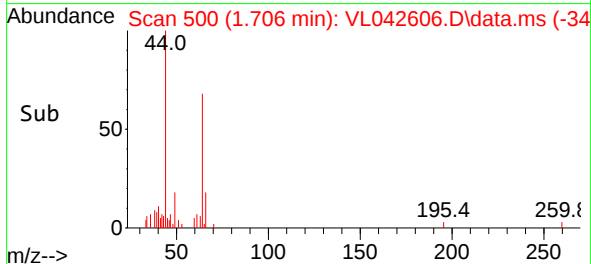
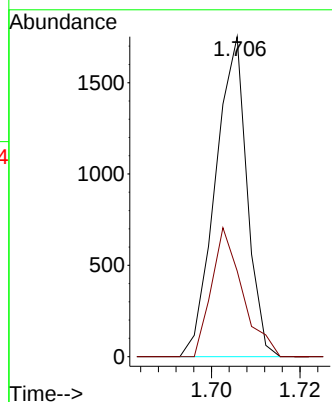
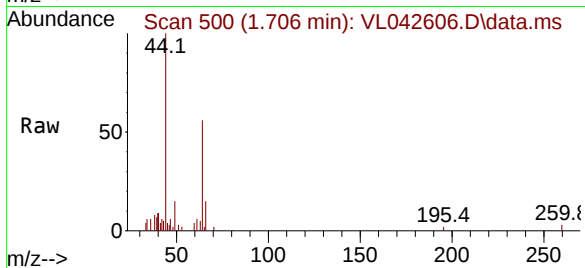




#7
Chloroethane
Concen: 0.442 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

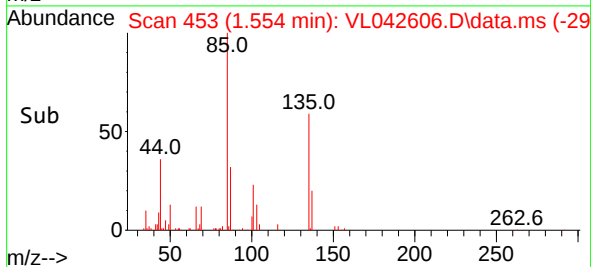
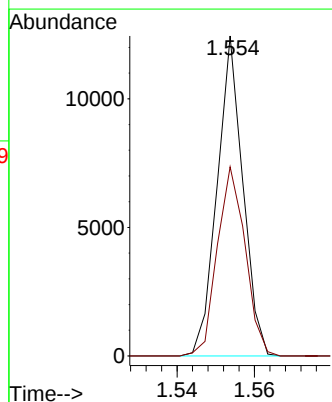
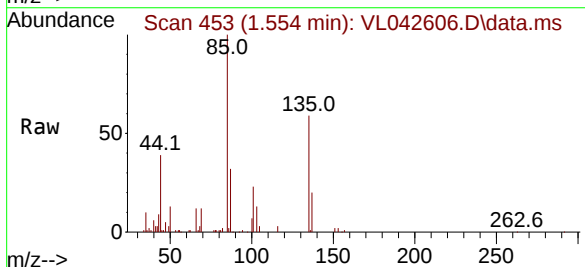
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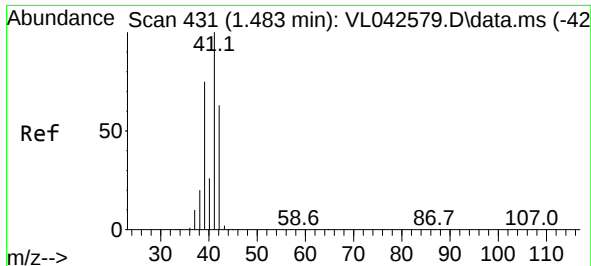
Tgt Ion: 64 Resp: 869
Ion Ratio Lower Upper
64 100
66 26.8 24.3 36.5



#8
Dichlorotetrafluoroethane
Concen: 0.551 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 85 Resp: 5757
Ion Ratio Lower Upper
85 100
135 64.1 50.2 75.4





#9

Propene

Concen: 0.517 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042606.D

Acq: 03 Jun 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

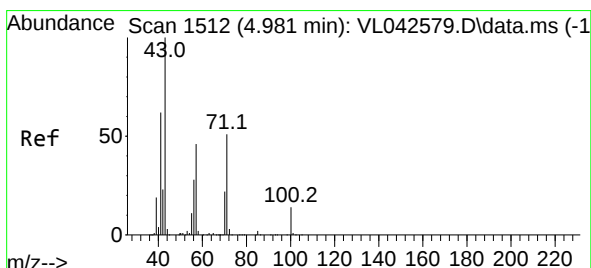
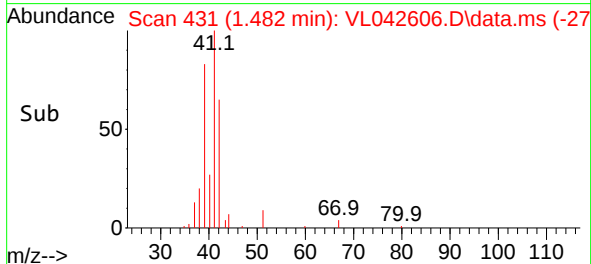
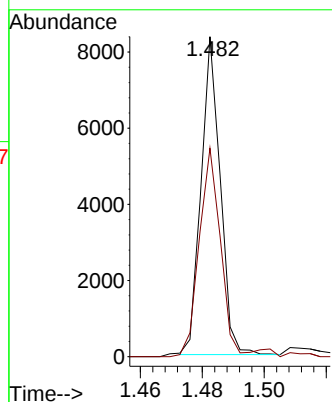
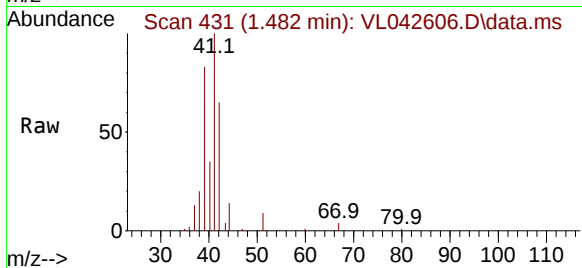
LOQ-AIR-02-QT2-2025

Tgt Ion: 41 Resp: 3597

Ion Ratio Lower Upper

41 100

42 74.5 53.3 79.9



#10

Heptane

Concen: 0.262 ppbv

RT: 4.975 min Scan# 1510

Delta R.T. -0.007 min

Lab File: VL042606.D

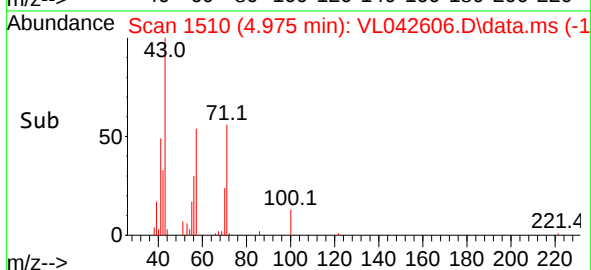
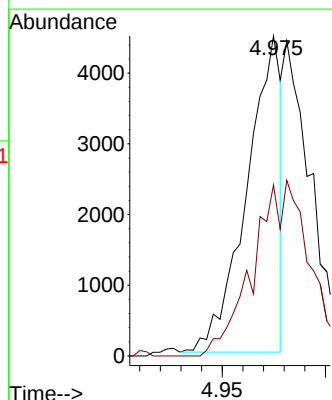
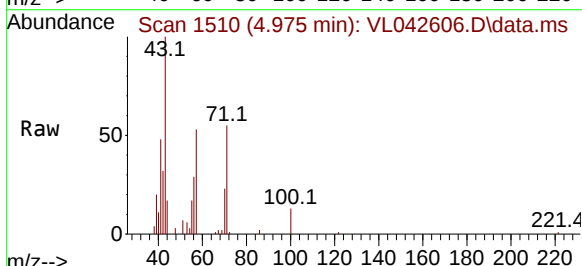
Acq: 03 Jun 2025 12:30

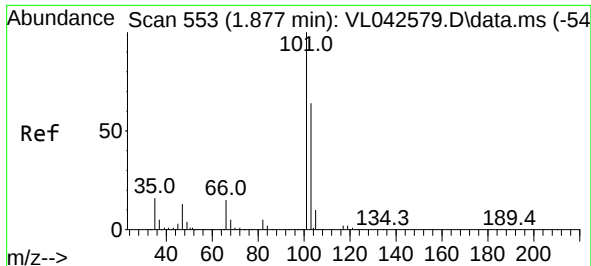
Tgt Ion: 43 Resp: 5146

Ion Ratio Lower Upper

43 100

57 0.0 38.9 58.3#

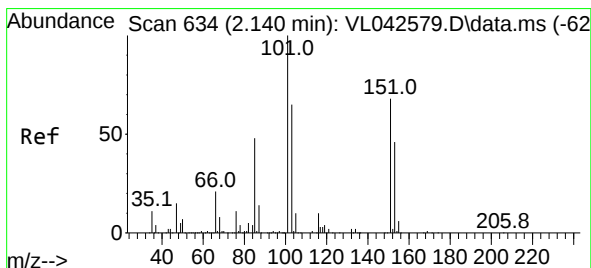
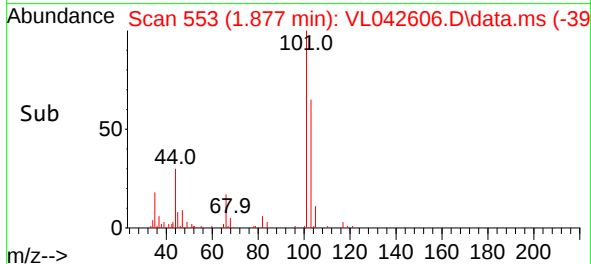
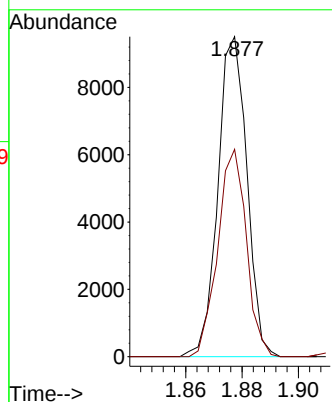
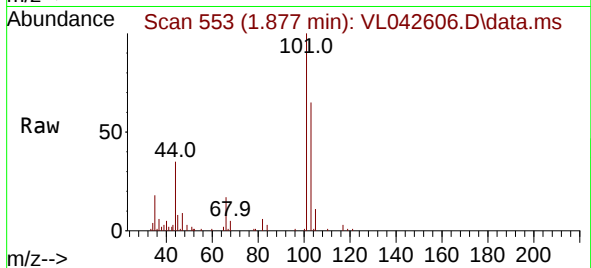




#11
 Trichlorofluoromethane
 Concen: 0.581 ppbv
 RT: 1.877 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

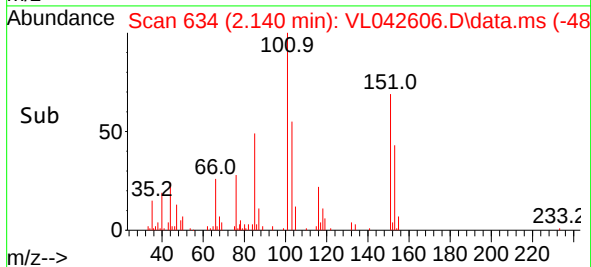
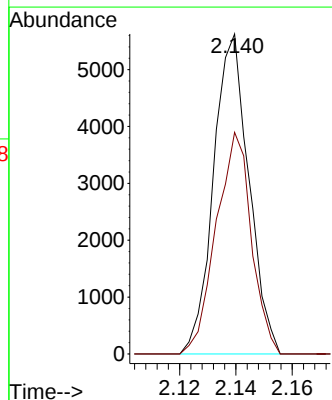
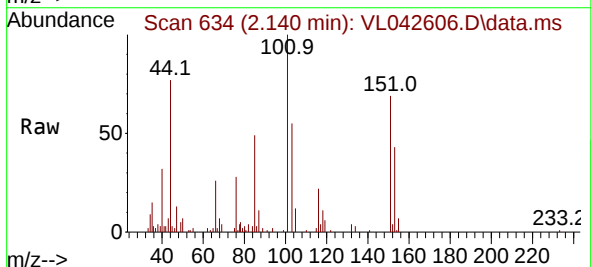
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

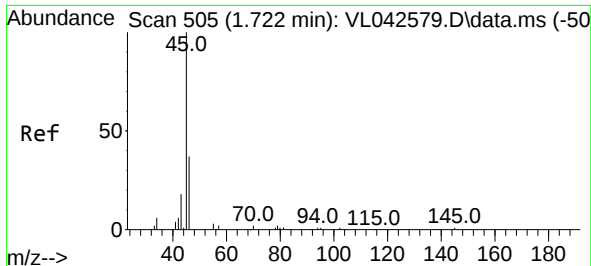
Tgt Ion:101 Resp: 6787
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.533 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.000 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

Tgt Ion:101 Resp: 4890
 Ion Ratio Lower Upper
 101 100
 151 69.0 55.3 82.9

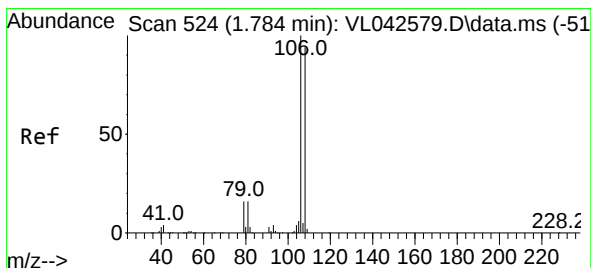
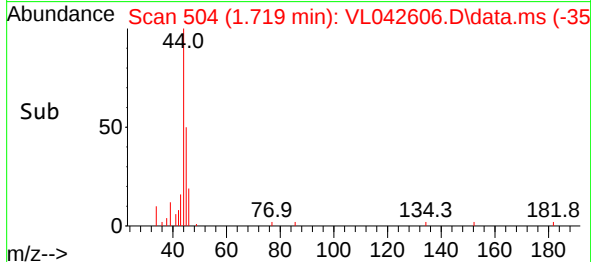
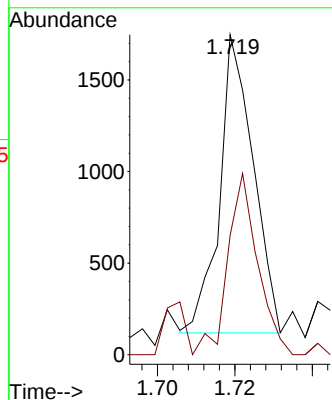
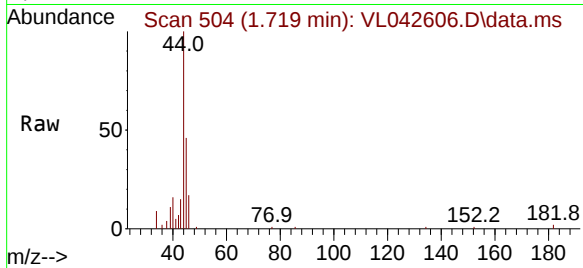




#13
Ethanol
Concen: 1.183 ppbv
RT: 1.719 min Scan# 505
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

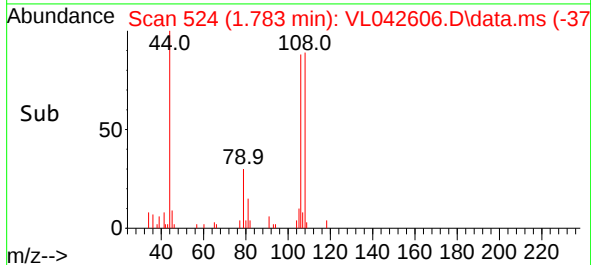
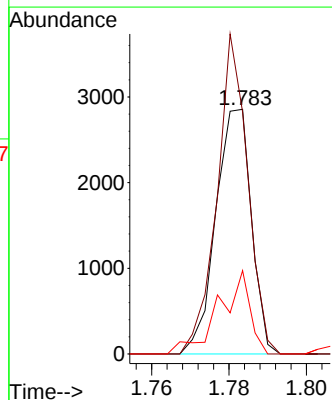
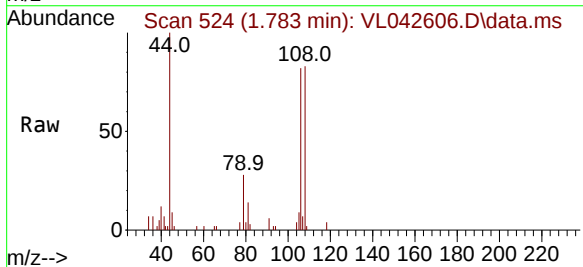
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

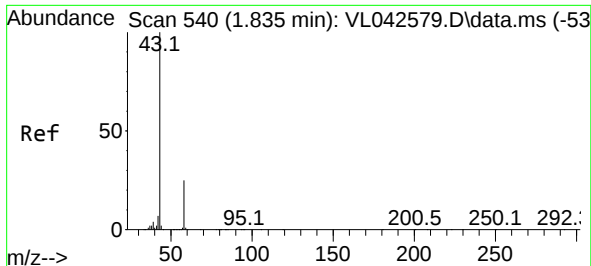
Tgt Ion: 45 Resp: 981
Ion Ratio Lower Upper
45 100
46 68.5 14.5 58.1#



#14
Bromoethene
Concen: 0.531 ppbv
RT: 1.783 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 108 Resp: 1830
Ion Ratio Lower Upper
108 100
106 112.0 87.9 131.9
79 33.8 15.6 23.4#

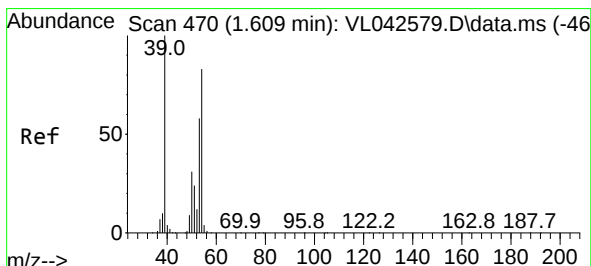
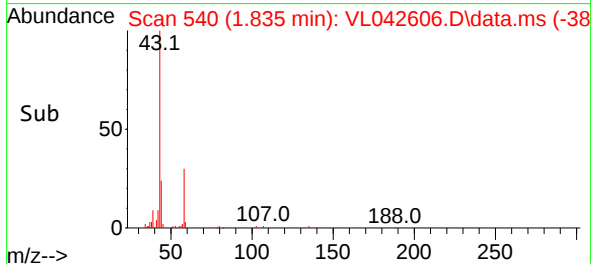
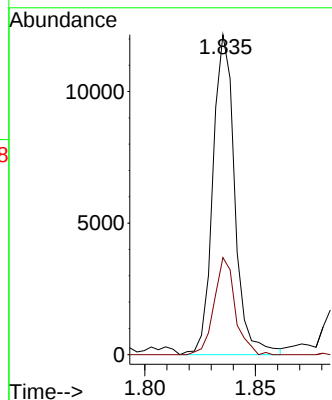
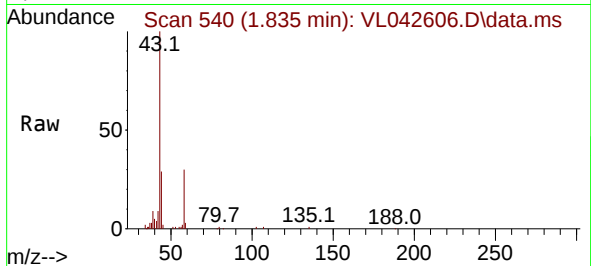




#15
Acetone
Concen: 0.680 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

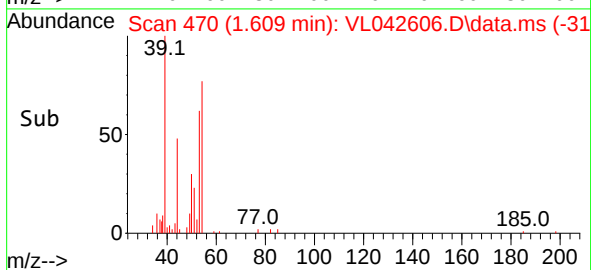
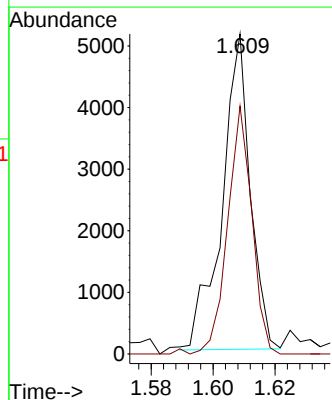
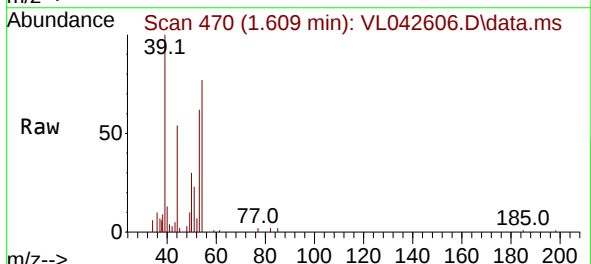
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

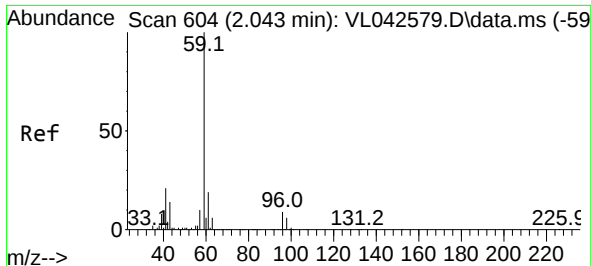
Tgt Ion: 43 Resp: 8358
Ion Ratio Lower Upper
43 100
58 29.1 21.0 31.4



#16
1,3-Butadiene
Concen: 0.558 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 39 Resp: 3248
Ion Ratio Lower Upper
39 100
54 67.7 57.9 86.9

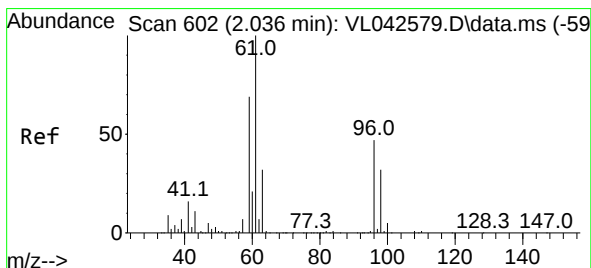
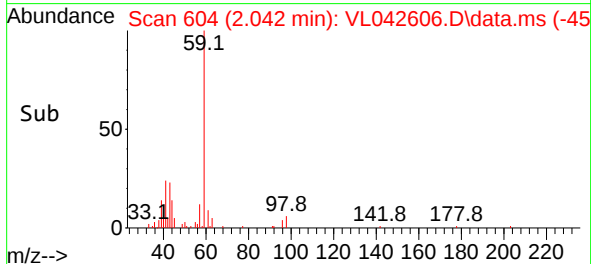
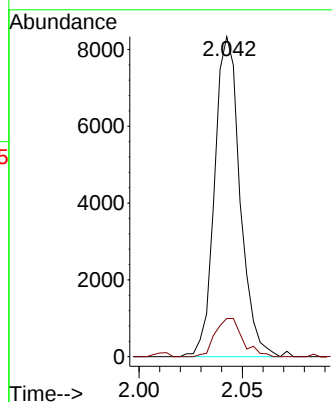
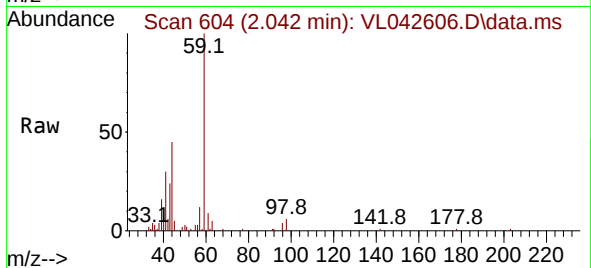




#17
tert-Butyl alcohol
Concen: 0.558 ppbv
RT: 2.042 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

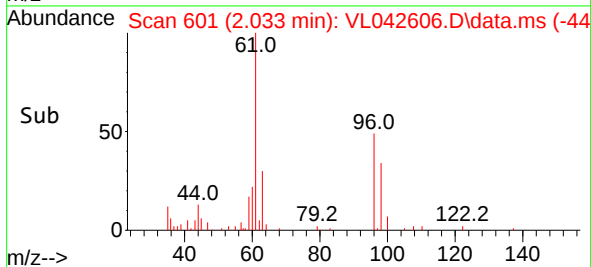
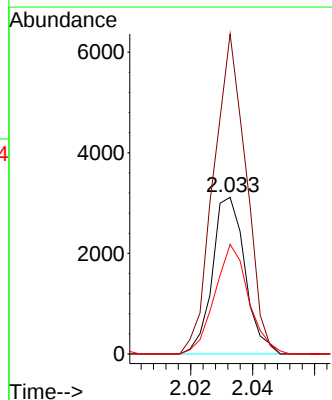
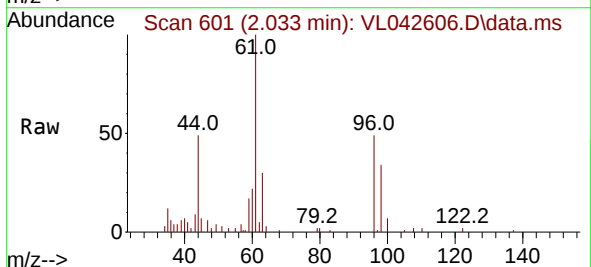
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

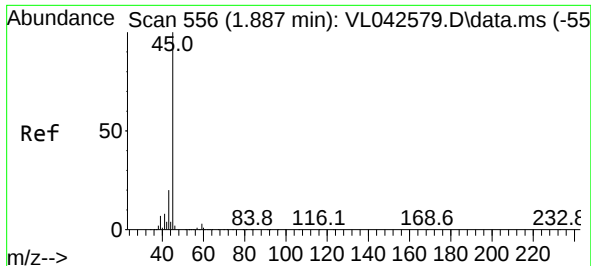
Tgt Ion: 59 Resp: 7145
Ion Ratio Lower Upper
59 100
57 13.5 8.6 12.8#



#18
1,1-Dichloroethene
Concen: 0.536 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 96 Resp: 2279
Ion Ratio Lower Upper
96 100
61 204.2 171.1 256.7
98 70.0 54.4 81.6

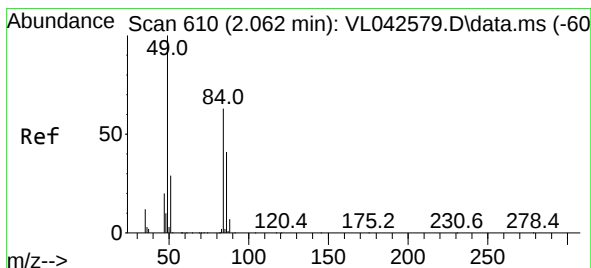
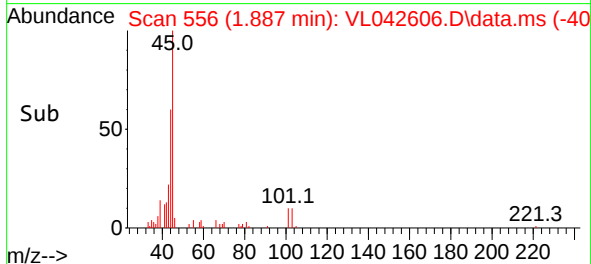
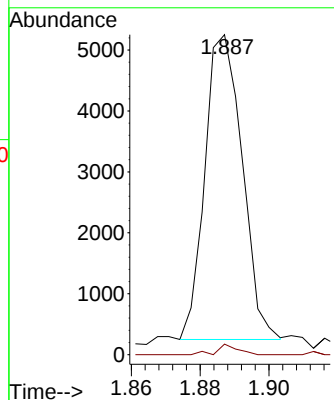
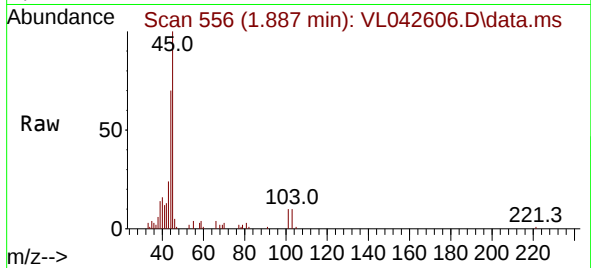




#19
Isopropyl Alcohol
Concen: 0.513 ppbv
RT: 1.887 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

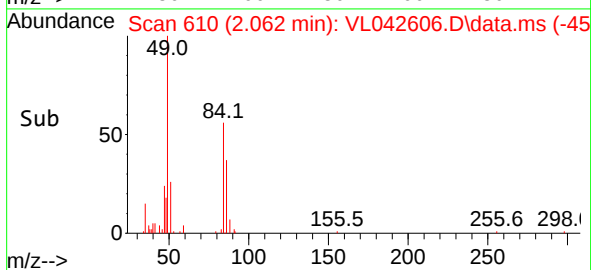
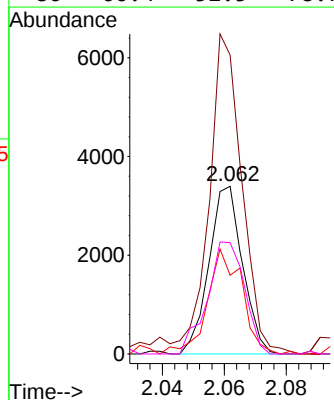
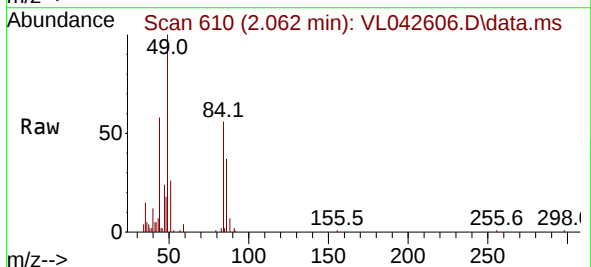
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

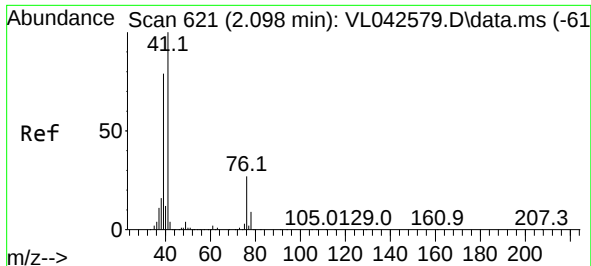
Tgt Ion: 45 Resp: 3768
Ion Ratio Lower Upper
45 100
58 64.5 29.4 44.2#



#20
Methylene Chloride
Concen: 0.630 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 84 Resp: 2558
Ion Ratio Lower Upper
84 100
49 174.6 128.8 193.2
51 47.0 38.6 57.8
86 66.4 52.5 78.7

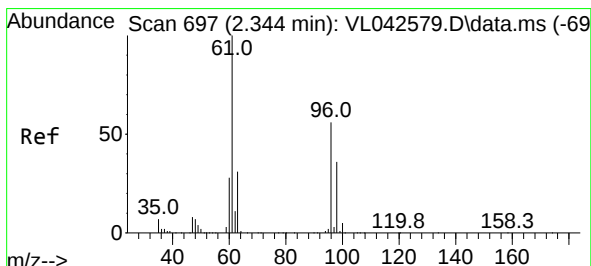
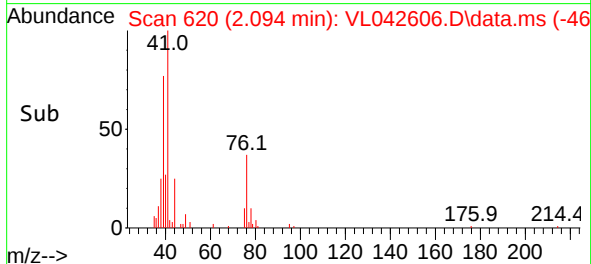
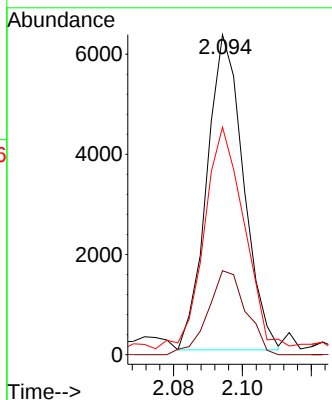
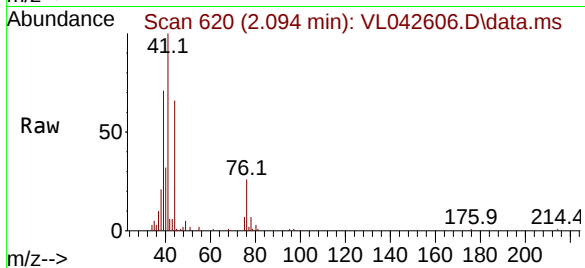




#21
 Allyl Chloride
 Concen: 0.537 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

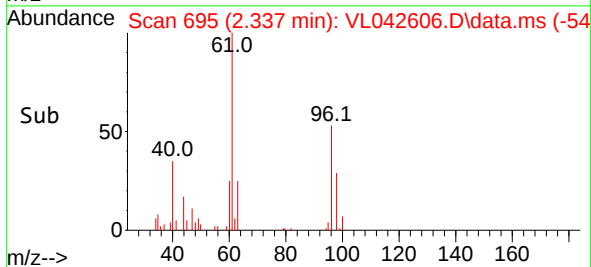
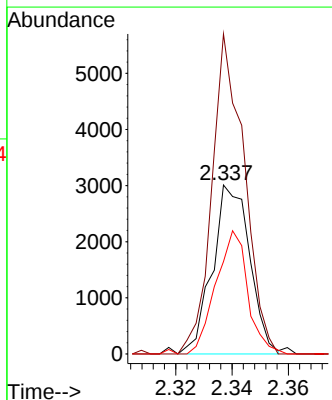
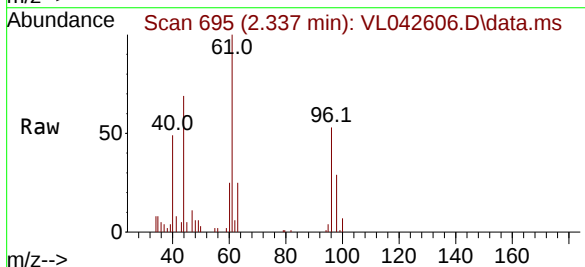
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

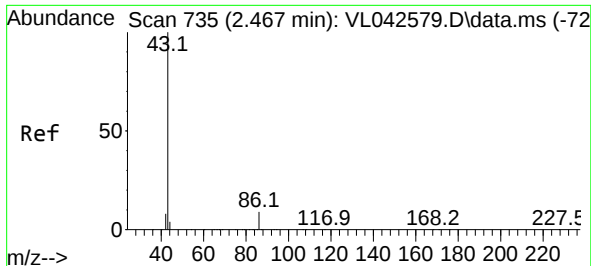
Tgt Ion: 41	Resp:	4659	
Ion	Ratio	Lower	Upper
41	100		
76	27.6	21.2	31.8
39	86.7	60.9	91.3



#22
 trans-1,2-Dichloroethene
 Concen: 0.583 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.007 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

Tgt Ion: 96	Resp:	2765	
Ion	Ratio	Lower	Upper
96	100		
61	189.4	142.6	214.0
98	54.6	51.0	76.4

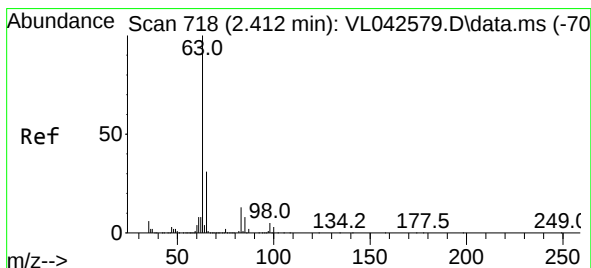
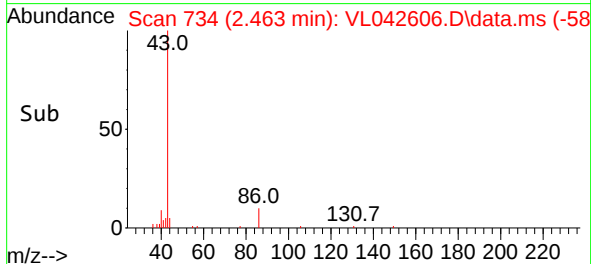
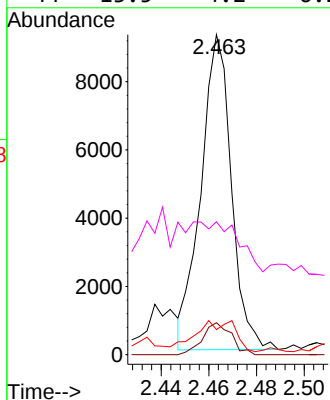
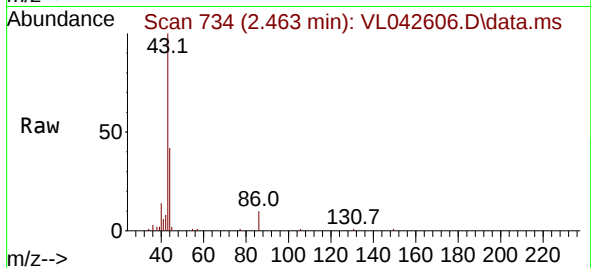




#23
 Vinyl Acetate
 Concen: 0.494 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

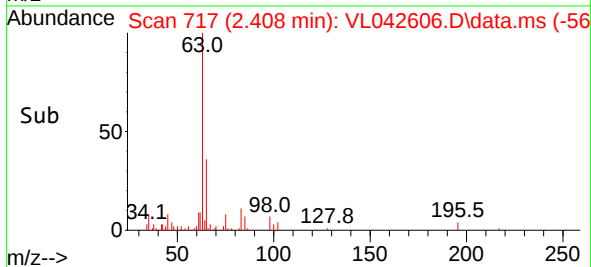
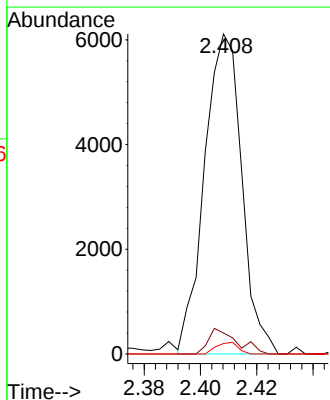
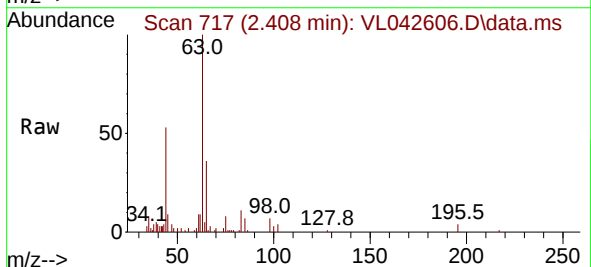
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

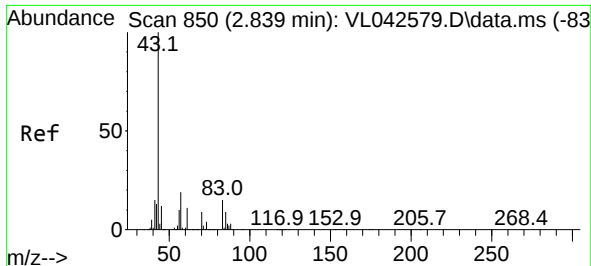
Tgt Ion:	43	Resp:	8217
Ion	Ratio	Lower	Upper
43	100		
86	10.2	6.6	9.8#
42	4.7	7.0	10.4#
44	13.5	4.2	6.2#



#24
 1,1-Dichloroethane
 Concen: 0.576 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

Tgt Ion:	63	Resp:	5627
Ion	Ratio	Lower	Upper
63	100		
98	6.6	2.4	7.1
100	3.3	1.4	4.0



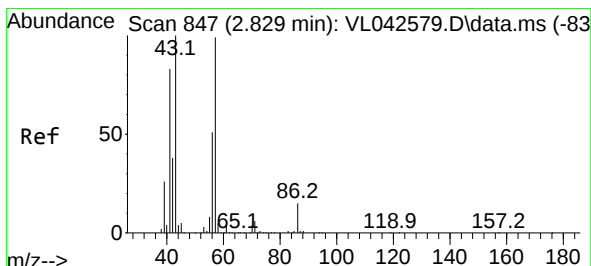
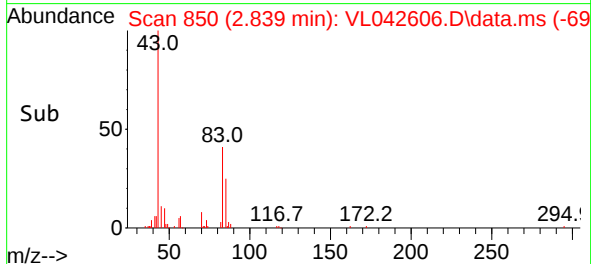
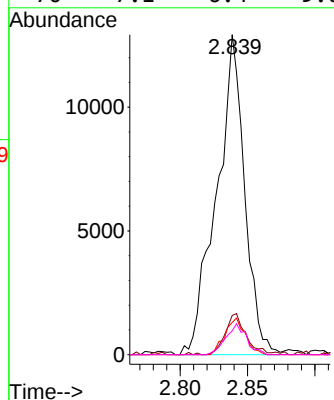
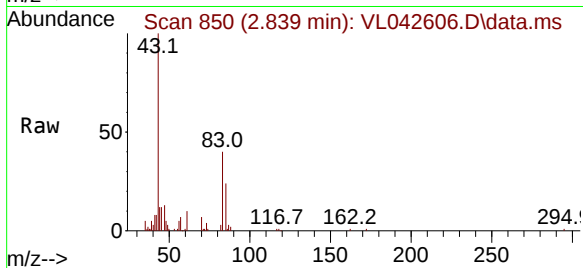


#25
Ethyl Acetate
Concen: 0.557 ppbv
RT: 2.839 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

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

Tgt Ion: 43 Resp: 18729

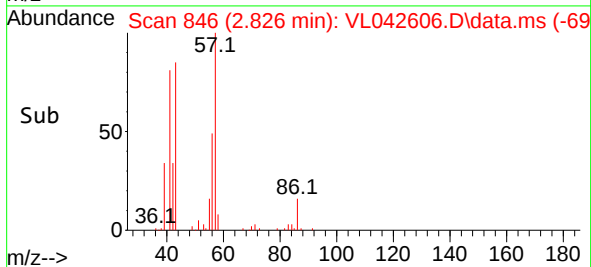
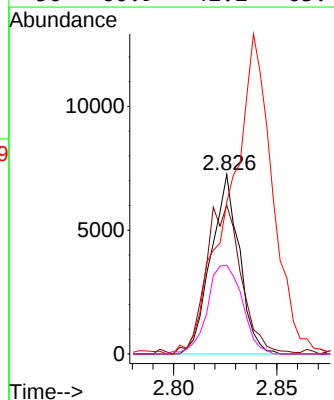
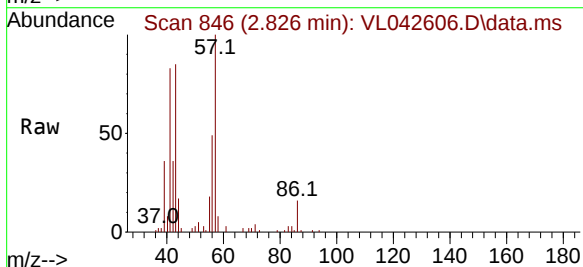
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	8.2	7.1	10.7
70	7.1	6.4	9.6

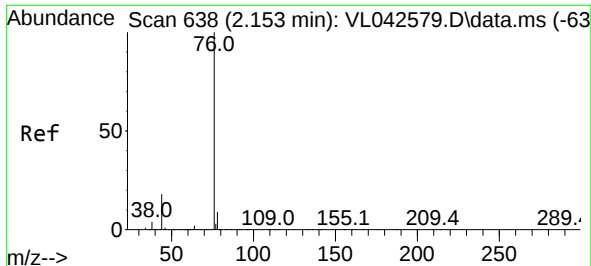


#26
Hexane
Concen: 0.454 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 57 Resp: 6937

Ion	Ratio	Lower	Upper
57	100		
41	106.0	70.6	106.0
43	278.9	181.1	271.7#
56	60.9	42.2	63.4

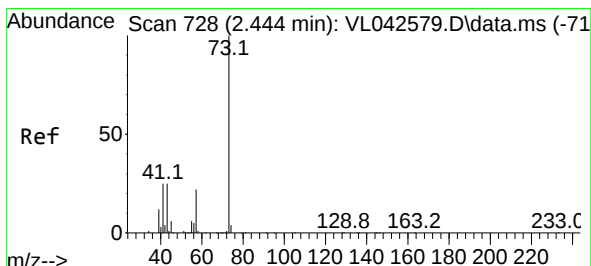
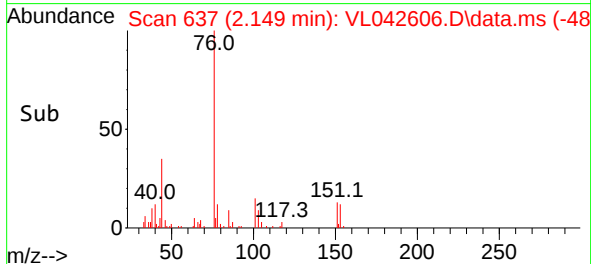
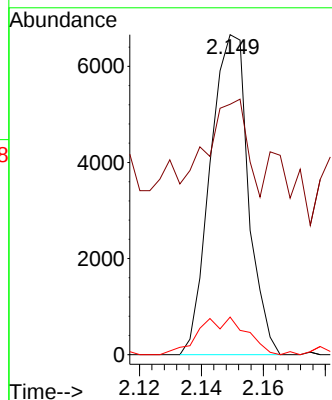
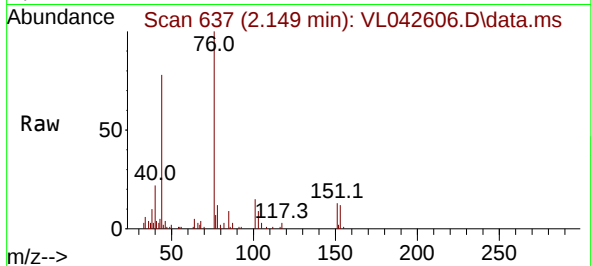




#27
Carbon Disulfide
Concen: 0.485 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

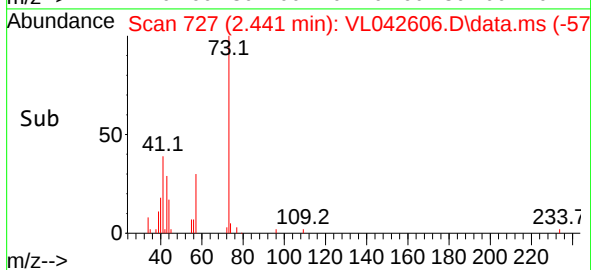
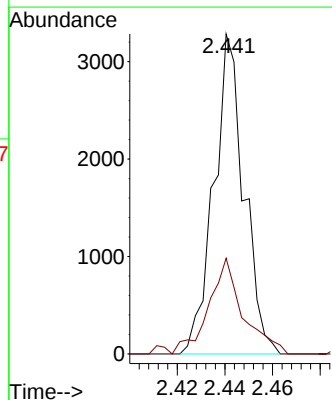
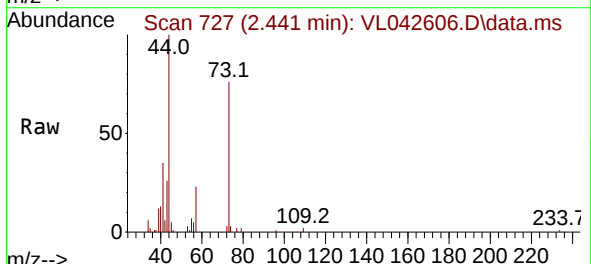
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

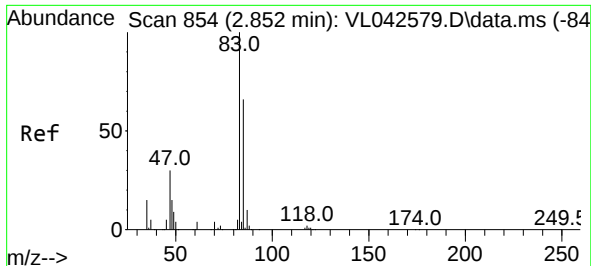
Tgt Ion: 76 Resp: 5691
Ion Ratio Lower Upper
76 100
44 125.8 21.3 31.9#
78 15.9 9.4 14.0#



#28
Methyl tert-Butyl Ether
Concen: 0.465 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 73 Resp: 2887
Ion Ratio Lower Upper
73 100
57 33.8 19.9 29.9#

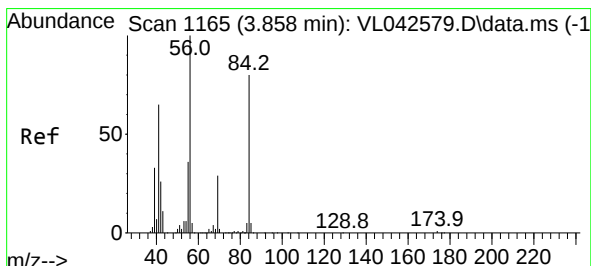
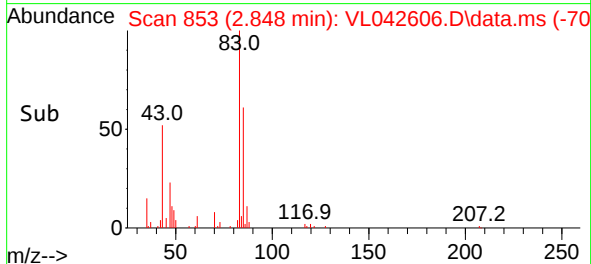
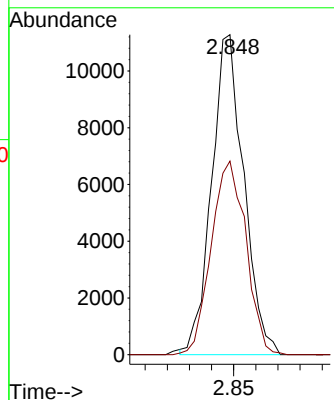
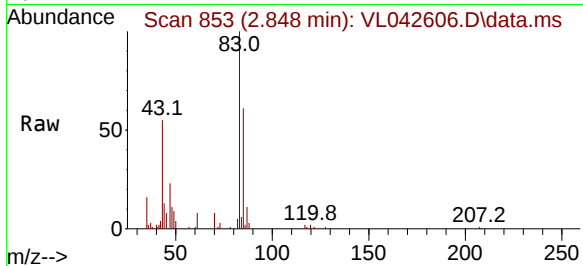




#29
Chloroform
Concen: 0.574 ppbv
RT: 2.848 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

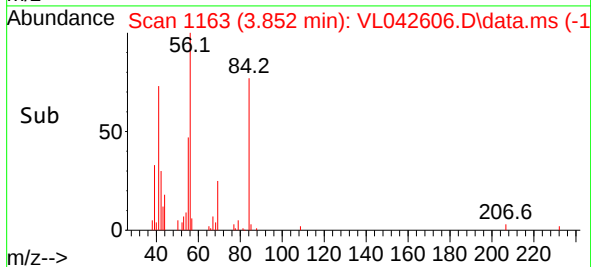
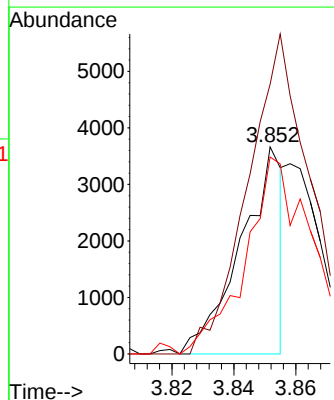
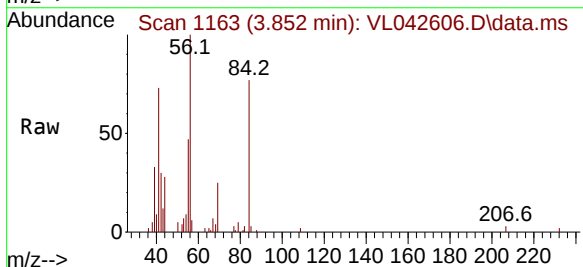
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

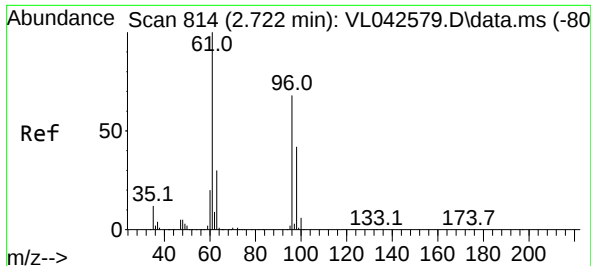
Tgt Ion: 83 Resp: 11410
Ion Ratio Lower Upper
83 100
85 60.0 52.8 79.2



#30
Cyclohexane
Concen: 0.267 ppbv
RT: 3.852 min Scan# 1163
Delta R.T. -0.007 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 84 Resp: 3388
Ion Ratio Lower Upper
84 100
56 0.0 103.7 155.5#
41 163.4 65.1 97.7#

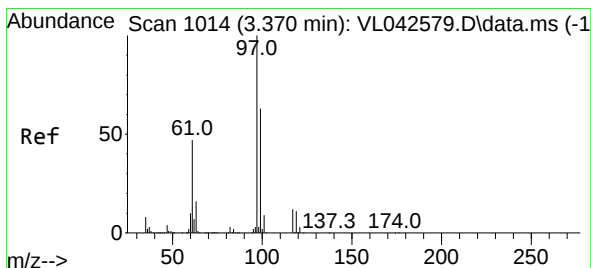
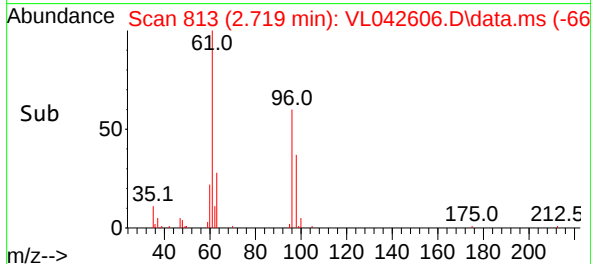
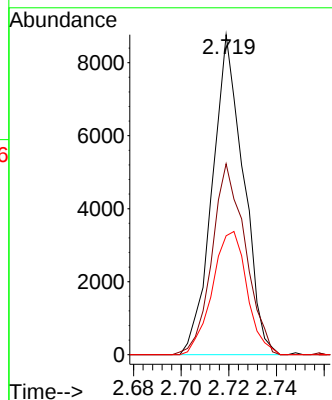
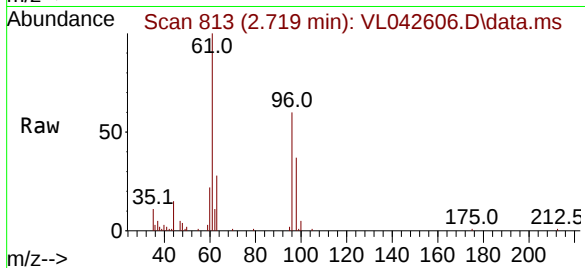




#31
 cis-1,2-Dichloroethene
 Concen: 0.569 ppbv
 RT: 2.719 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

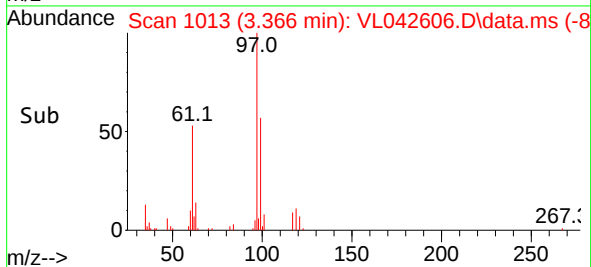
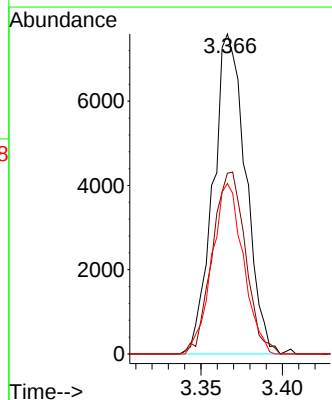
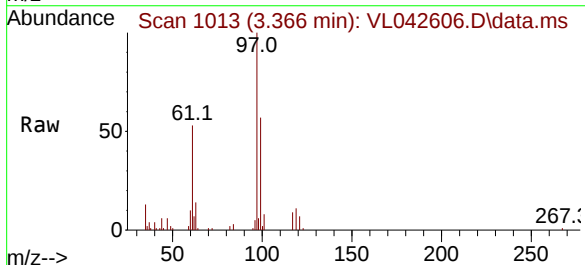
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

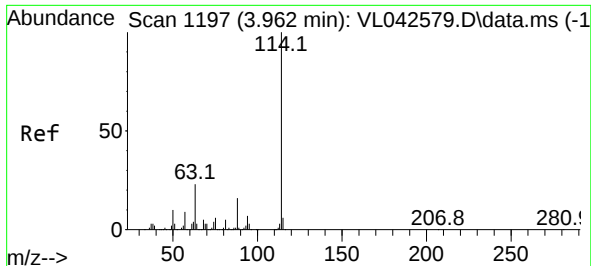
Tgt Ion: 61 Resp: 7957
 Ion Ratio Lower Upper
 61 100
 96 59.7 54.5 81.7
 98 37.1 33.4 50.2



#32
 1,1,1-Trichloroethane
 Concen: 0.519 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.003 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

Tgt Ion: 97 Resp: 10547
 Ion Ratio Lower Upper
 97 100
 99 58.0 51.0 76.6
 61 51.4 39.4 59.0

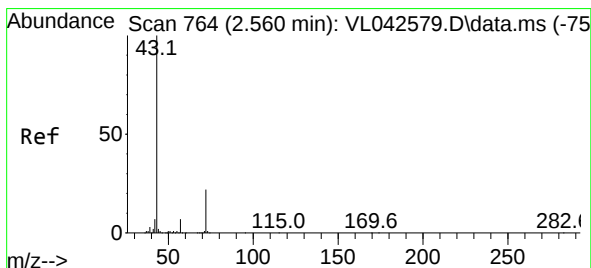
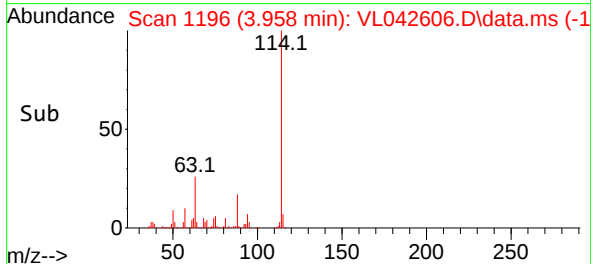
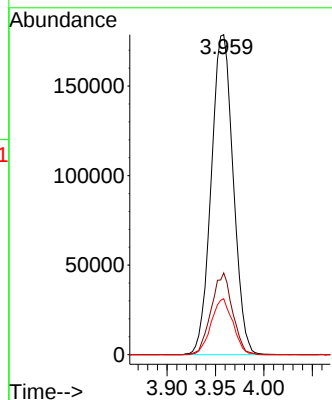
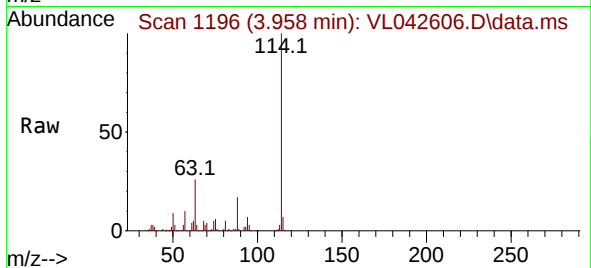




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.958 min Scan# 1196
 Delta R.T. -0.003 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

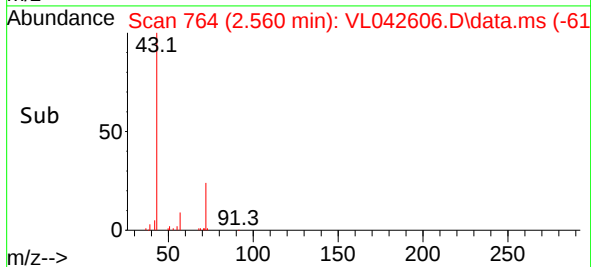
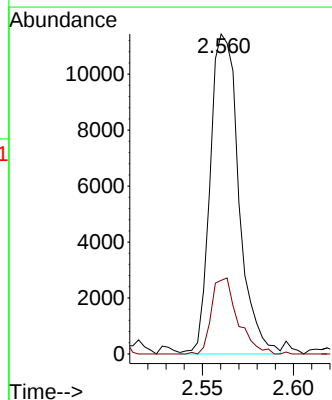
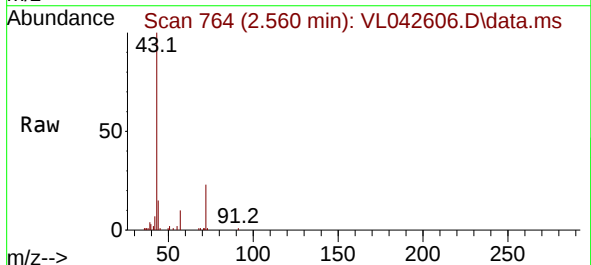
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

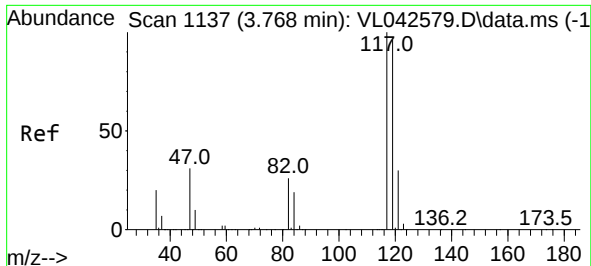
Tgt Ion:114 Resp: 282273
 Ion Ratio Lower Upper
 114 100
 63 24.7 19.0 28.6
 88 17.3 13.6 20.4



#34
 2-Butanone
 Concen: 0.621 ppbv
 RT: 2.560 min Scan# 764
 Delta R.T. -0.000 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

Tgt Ion: 43 Resp: 12502
 Ion Ratio Lower Upper
 43 100
 72 21.8 17.7 26.5

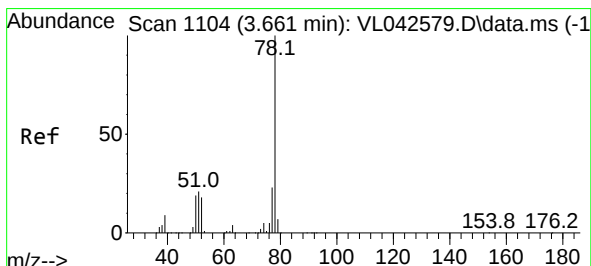
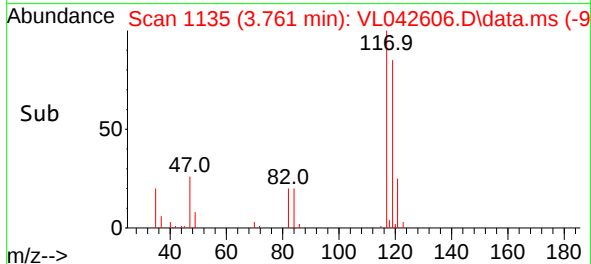
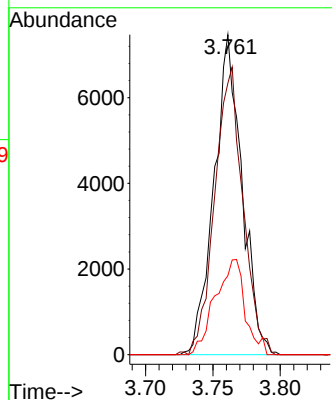
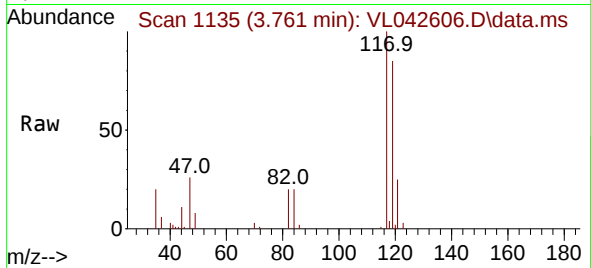




#35
Carbon Tetrachloride
Concen: 0.578 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.007 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

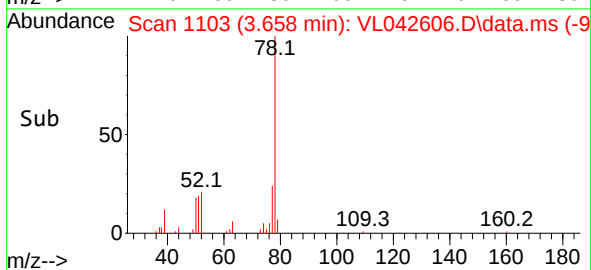
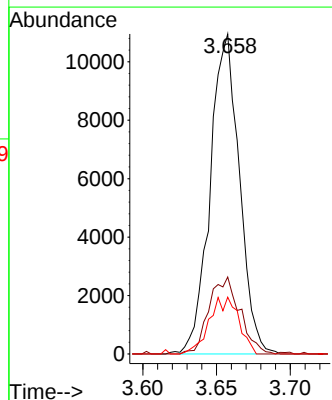
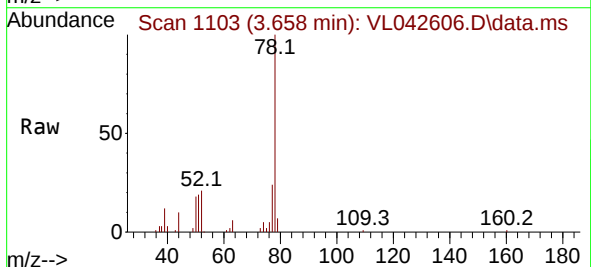
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

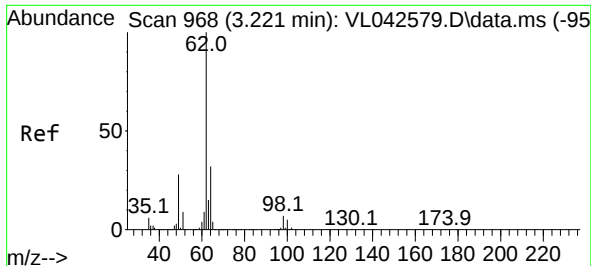
Tgt Ion:117 Resp: 10776
Ion Ratio Lower Upper
117 100
119 84.8 76.8 115.2
121 24.7 24.3 36.5



#36
Benzene
Concen: 0.543 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 78 Resp: 15107
Ion Ratio Lower Upper
78 100
77 24.1 18.2 27.2
50 17.7 15.2 22.8

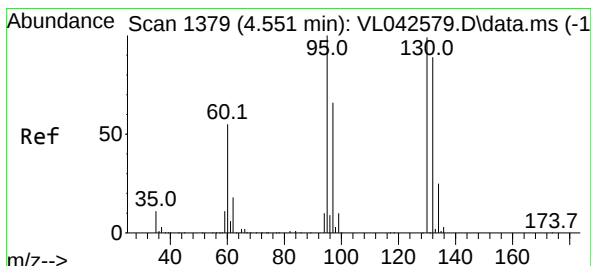
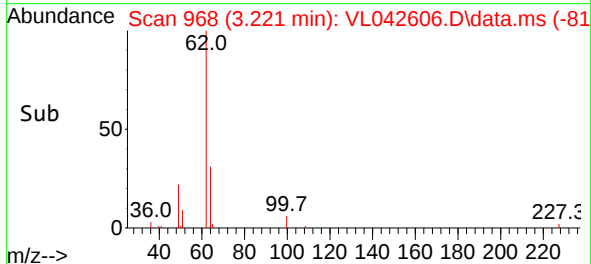
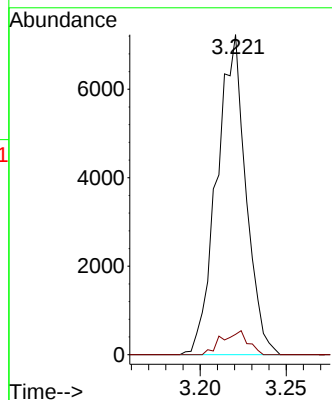
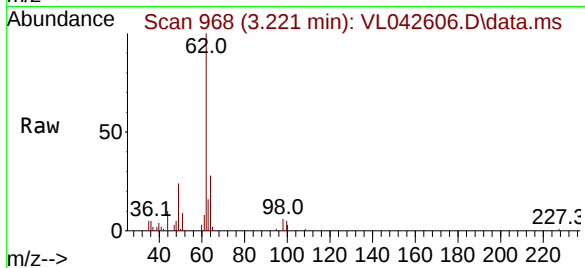




#37
1,2-Dichloroethane
Concen: 0.616 ppbv
RT: 3.221 min Scan# 968
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

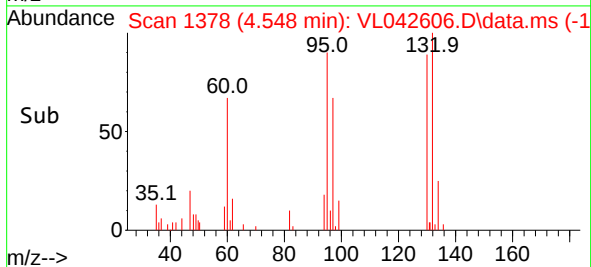
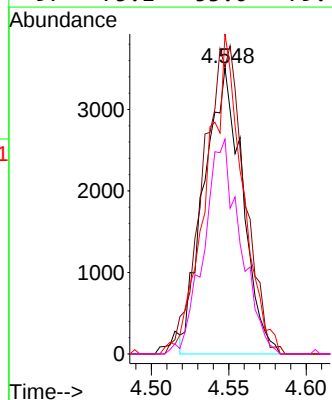
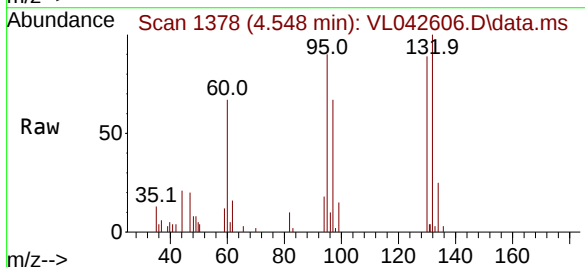
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

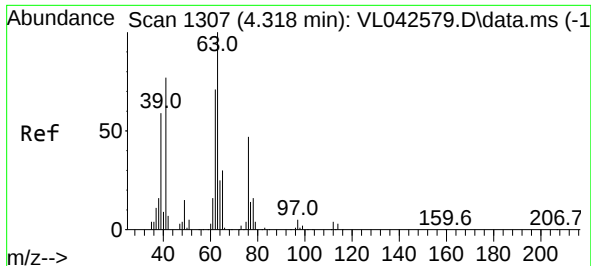
Tgt Ion: 62 Resp: 8513
Ion Ratio Lower Upper
62 100
98 6.7 6.1 9.1



#38
Trichloroethene
Concen: 0.510 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion:130 Resp: 6021
Ion Ratio Lower Upper
130 100
95 97.7 80.6 121.0
132 111.9 71.8 107.6#
97 75.1 53.0 79.4





#39

1,2-Dichloropropane

Concen: 0.569 ppbv

RT: 4.315 min Scan# 1307

Delta R.T. -0.003 min

Lab File: VL042606.D

Acq: 03 Jun 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2025

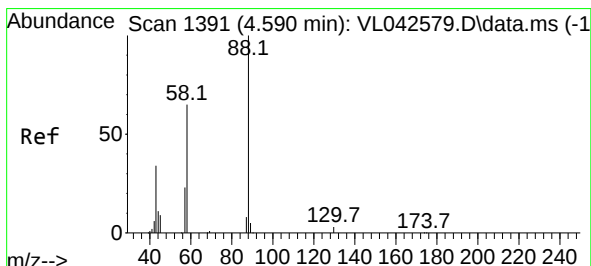
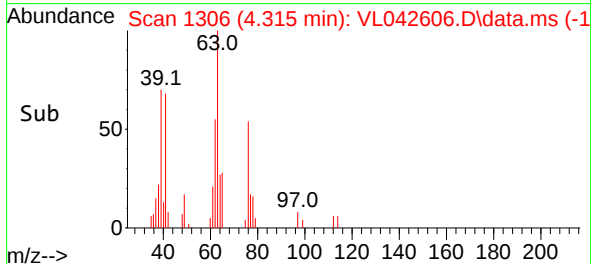
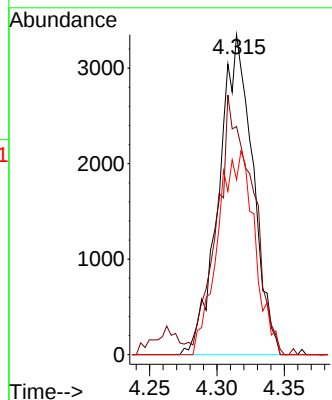
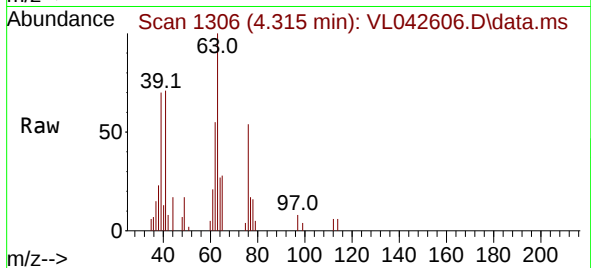
Tgt Ion: 63 Resp: 5853

Ion Ratio Lower Upper

63 100

41 69.6 61.8 92.6

62 54.7 56.6 85.0#



#40

1,4-Dioxane

Concen: 0.153 ppbv

RT: 4.593 min Scan# 1392

Delta R.T. 0.003 min

Lab File: VL042606.D

Acq: 03 Jun 2025 12:30

Tgt Ion: 88 Resp: 706

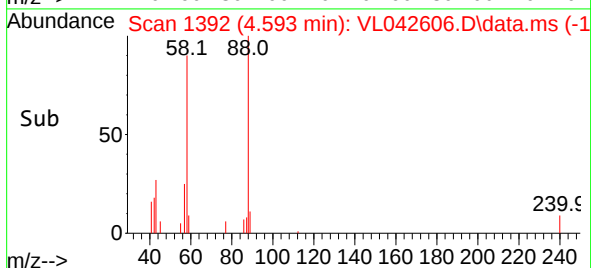
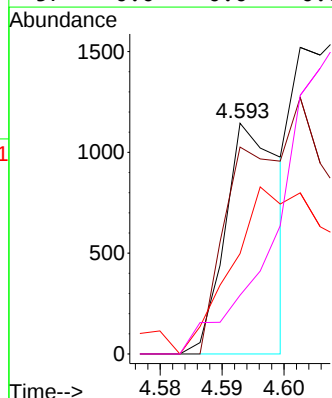
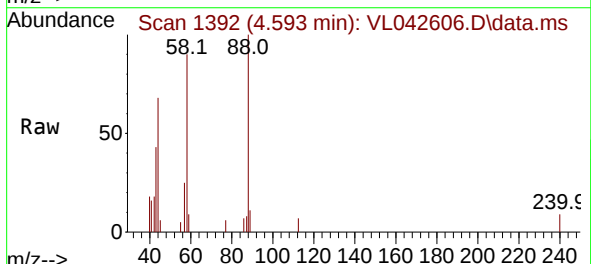
Ion Ratio Lower Upper

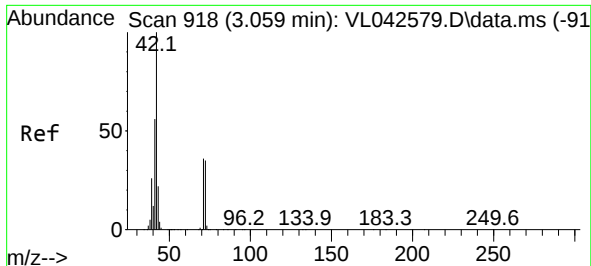
88 100

58 0.0 55.8 83.8#

43 0.0 24.8 37.2#

57 0.0 0.0 0.0

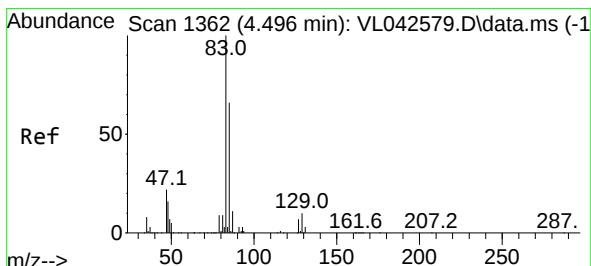
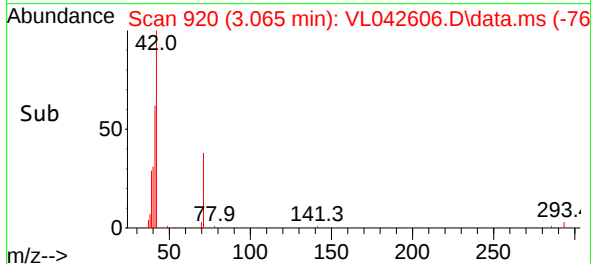
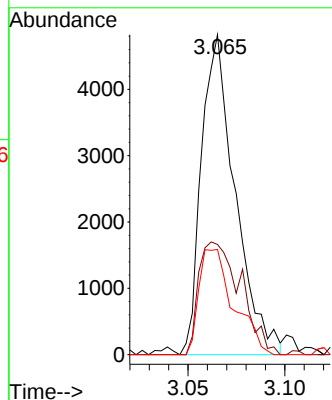
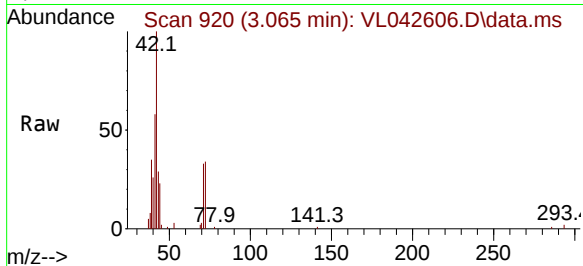




#41
Tetrahydrofuran
Concen: 0.496 ppbv
RT: 3.065 min Scan# 918
Delta R.T. 0.006 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

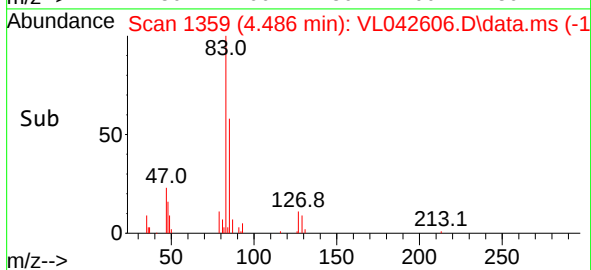
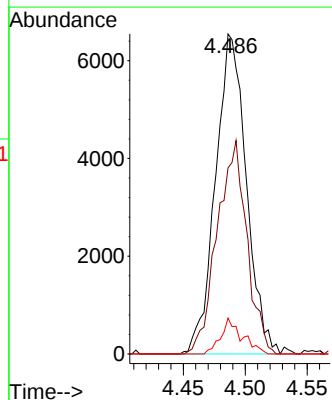
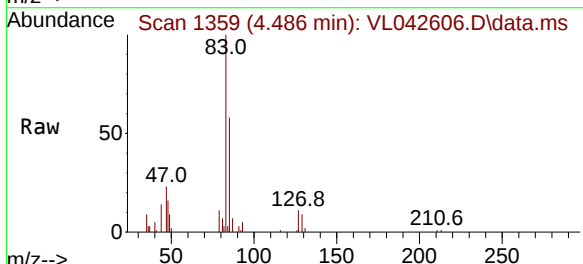
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

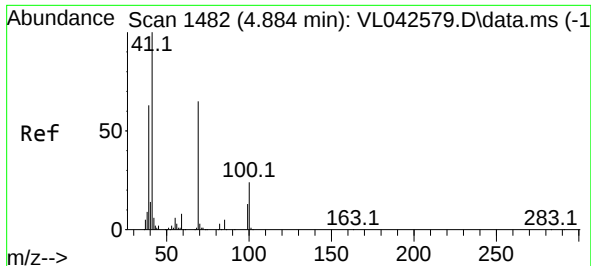
Tgt Ion: 42 Resp: 5847
Ion Ratio Lower Upper
42 100
72 44.2 28.9 43.3#
71 34.1 28.5 42.7



#42
Bromodichloromethane
Concen: 0.578 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. -0.010 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 83 Resp: 11336
Ion Ratio Lower Upper
83 100
85 58.2 52.7 79.1
127 11.2 5.8 8.6#





#43

Methyl Methacrylate

Concen: 0.257 ppbv

RT: 4.884 min Scan# 1482

Delta R.T. -0.000 min

Lab File: VL042606.D

Acq: 03 Jun 2025 12:30

Instrument :

MSVOA_1

ClientSampleId :

LOQ-AIR-02-QT2-2025

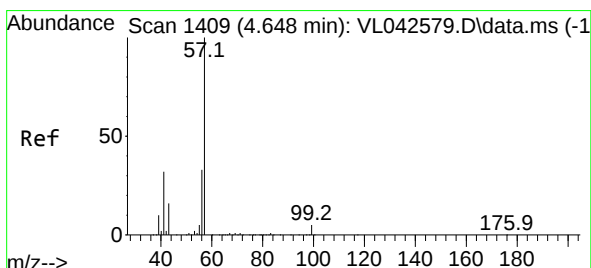
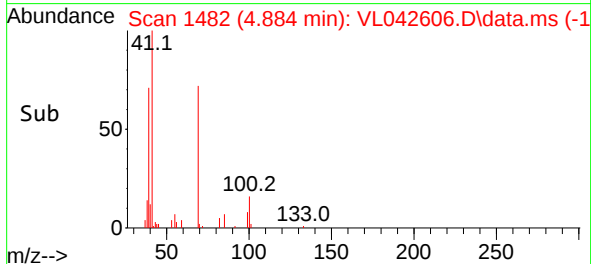
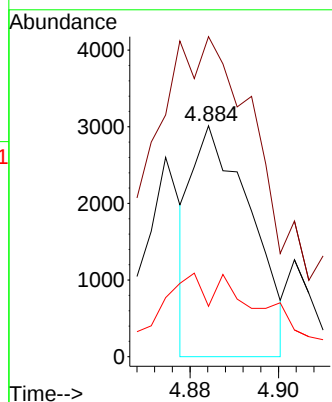
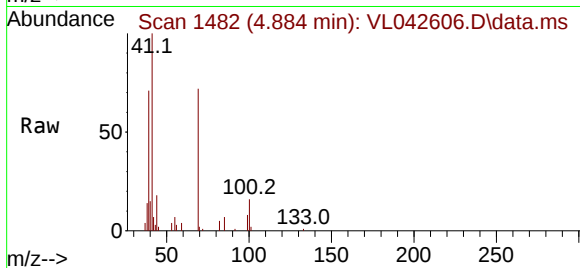
Tgt Ion: 69 Resp: 2778

Ion Ratio Lower Upper

69 100

41 313.9 124.6 187.0#

100 70.8 29.9 44.9#



#44

2,2,4-Trimethylpentane

Concen: 0.530 ppbv

RT: 4.638 min Scan# 1406

Delta R.T. -0.010 min

Lab File: VL042606.D

Acq: 03 Jun 2025 12:30

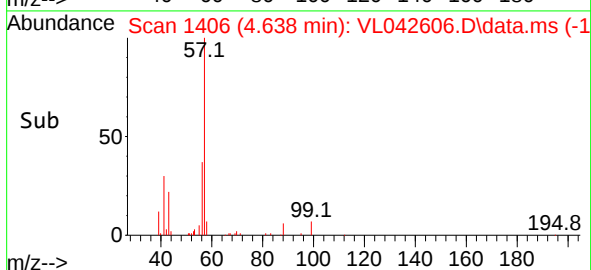
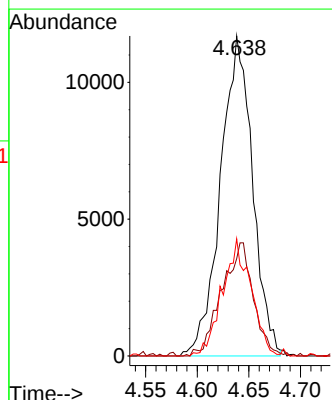
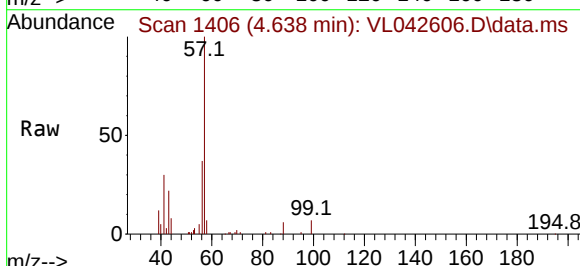
Tgt Ion: 57 Resp: 25186

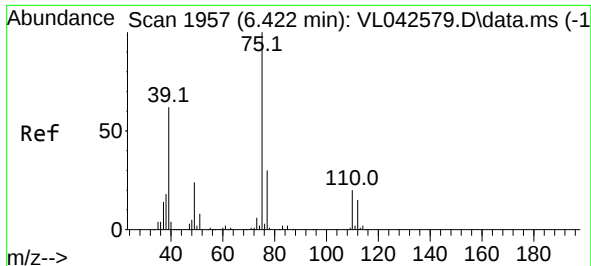
Ion Ratio Lower Upper

57 100

41 35.2 26.1 39.1

56 32.9 25.9 38.9

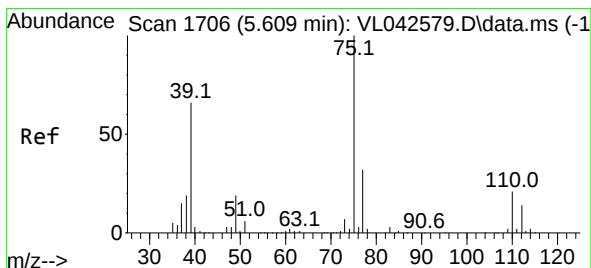
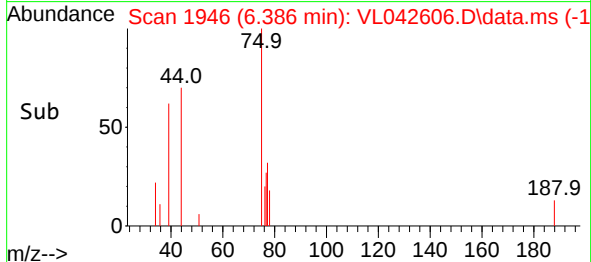
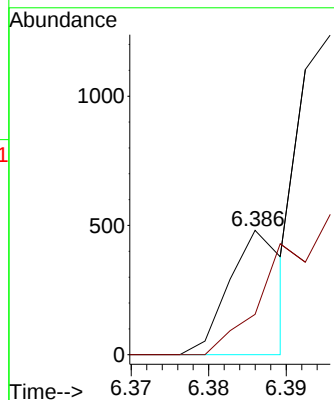
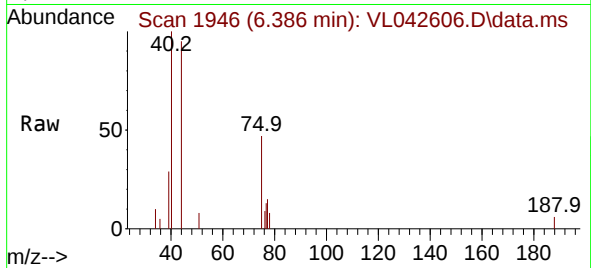




#45
 t-1,3-Dichloropropene
 Concen: 0.019 ppbv
 RT: 6.386 min Scan# 1957
 Delta R.T. -0.036 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

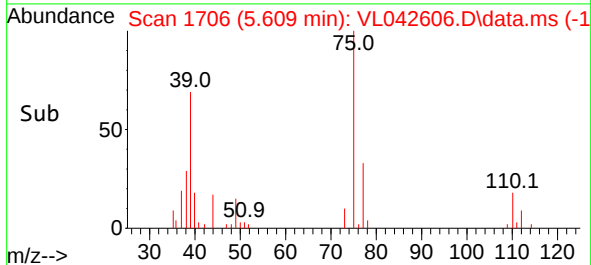
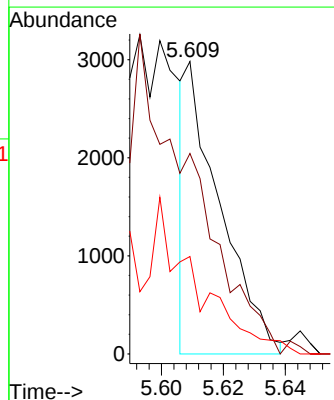
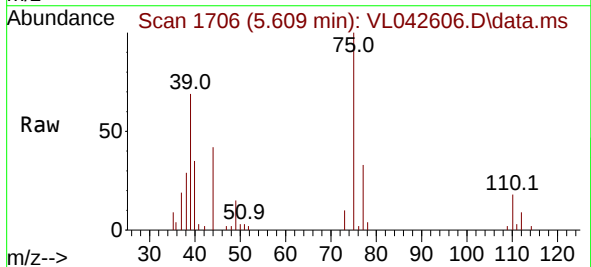
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

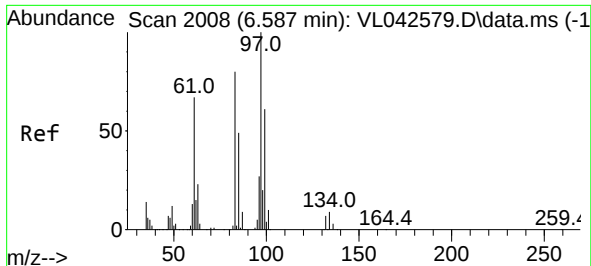
Tgt Ion: 75 Resp: 234
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.2 36.2



#46
 cis-1,3-Dichloropropene
 Concen: 0.149 ppbv
 RT: 5.609 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

Tgt Ion: 75 Resp: 2304
 Ion Ratio Lower Upper
 75 100
 39 71.4 52.7 79.1
 77 30.0 25.8 38.8

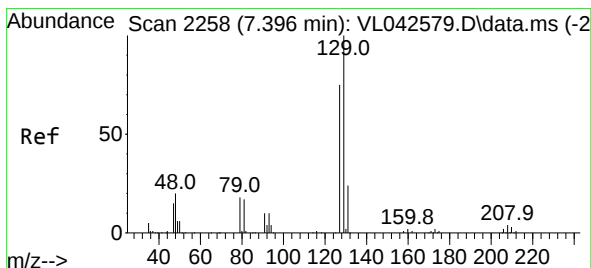
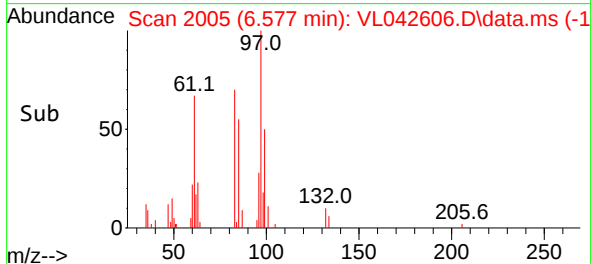
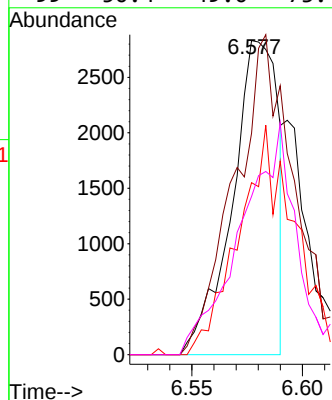
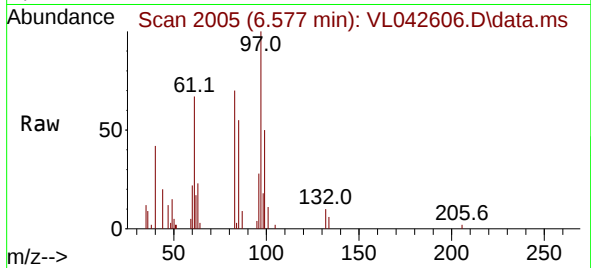




#47
 1,1,2-Trichloroethane
 Concen: 0.382 ppbv
 RT: 6.577 min Scan# 2005
 Delta R.T. -0.010 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

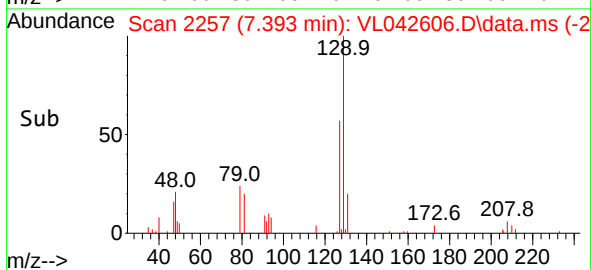
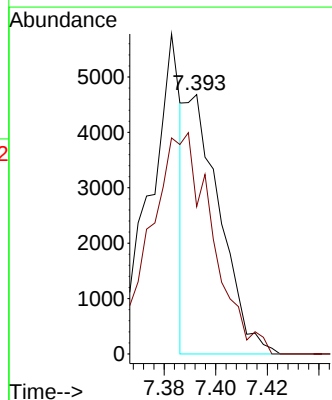
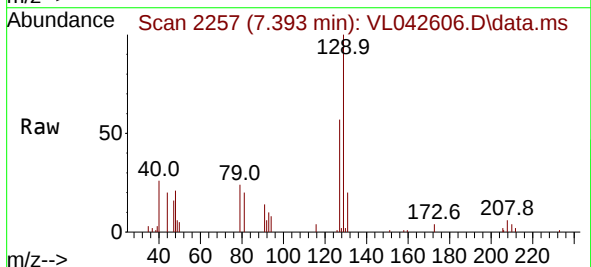
Instrument : MSVOA_L
 ClientSampleId : LOQ-AIR-02-QT2-2025

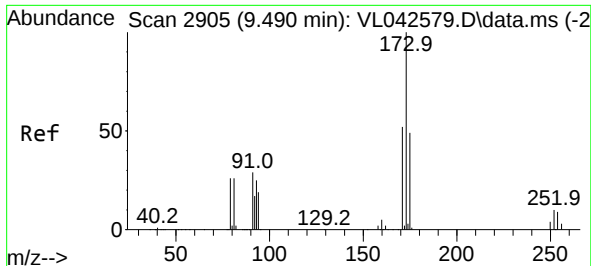
Tgt Ion: 97	Resp: 4069
Ion Ratio	Lower Upper
97 100	
83 70.5	63.9 95.9
85 54.8	39.2 58.8
99 50.4	49.0 73.4



#48
 Dibromochloromethane
 Concen: 0.255 ppbv
 RT: 7.393 min Scan# 2257
 Delta R.T. -0.003 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

Tgt Ion:129	Resp:	4341	
Ion	Ratio	Lower	Upper
129	100		
127	155.1	39.0	116.9#





#49

Bromoform

Concen: 0.497 ppbv

RT: 9.483 min Scan# 2905

Delta R.T. -0.007 min

Lab File: VL042606.D

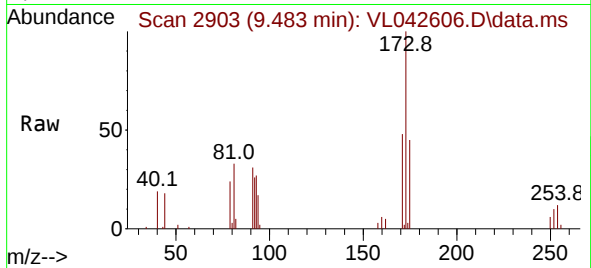
Acq: 03 Jun 2025 12:30

Instrument :

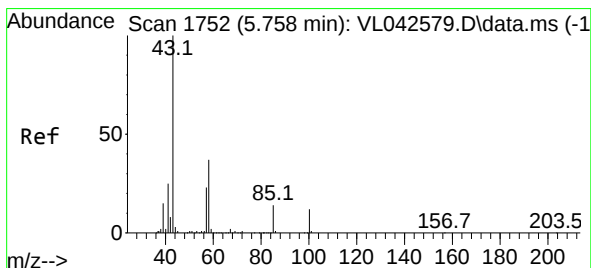
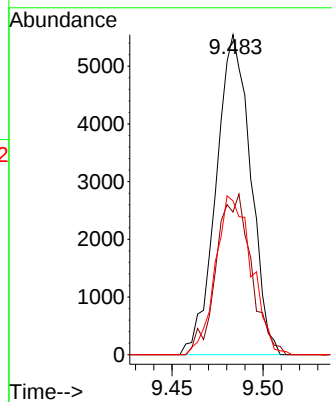
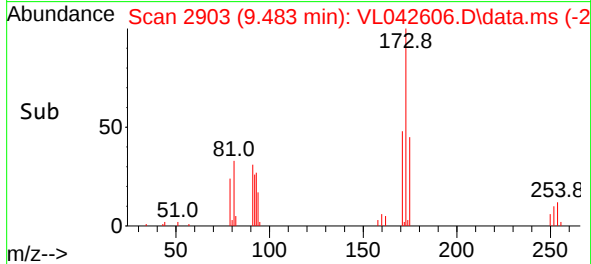
MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2025



Tgt Ion:173	Resp:	7309
Ion	Ratio	Lower Upper
173	100	
175	50.6	38.7 58.1
171	51.9	41.2 61.8



#50

4-Methyl-2-Pentanone

Concen: 0.447 ppbv

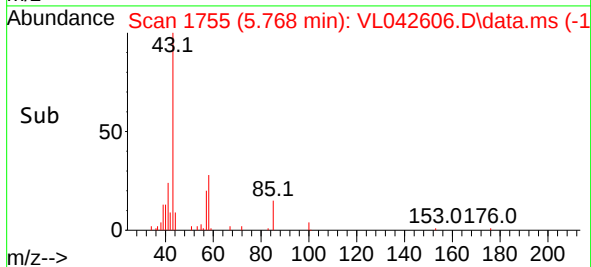
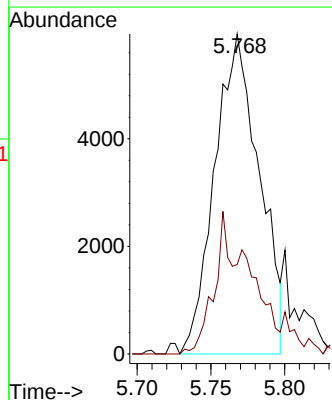
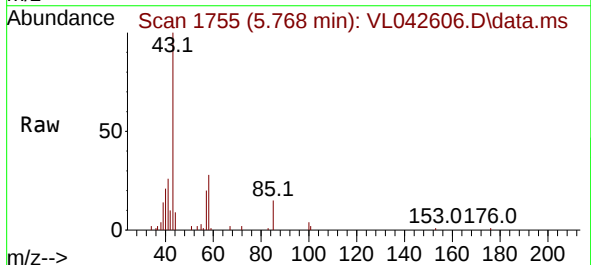
RT: 5.768 min Scan# 1755

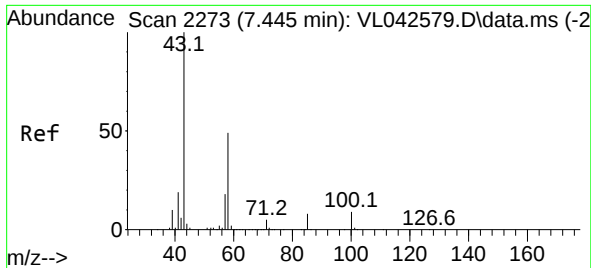
Delta R.T. 0.010 min

Lab File: VL042606.D

Acq: 03 Jun 2025 12:30

Tgt Ion: 43	Resp:	12473
Ion	Ratio	Lower Upper
43	100	
58	39.7	28.3 42.5

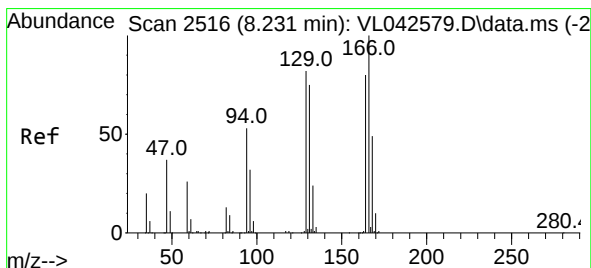
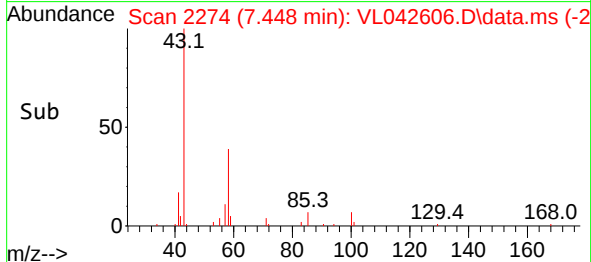
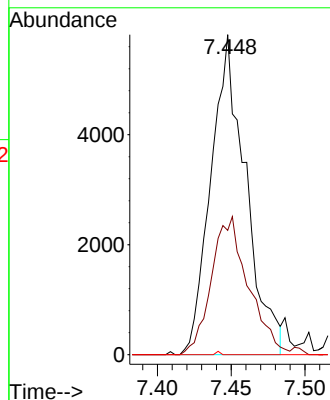
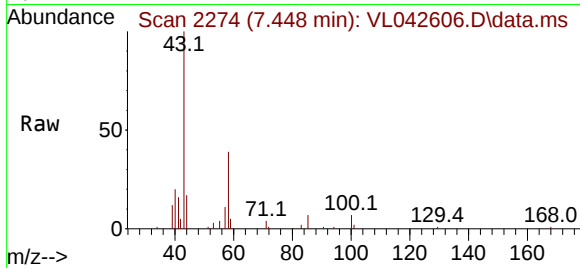




#51
2-Hexanone
Concen: 0.431 ppbv
RT: 7.448 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

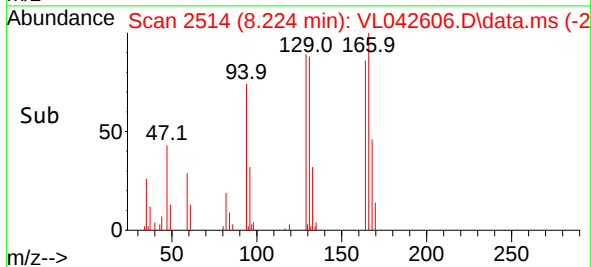
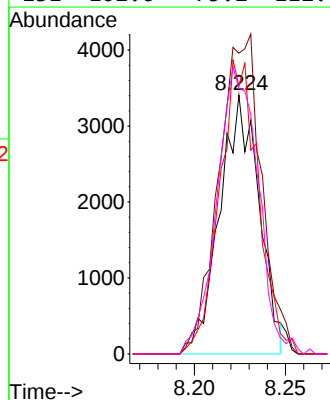
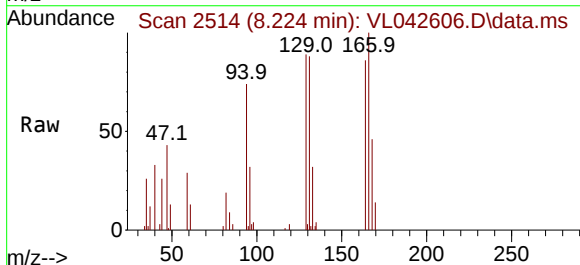
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

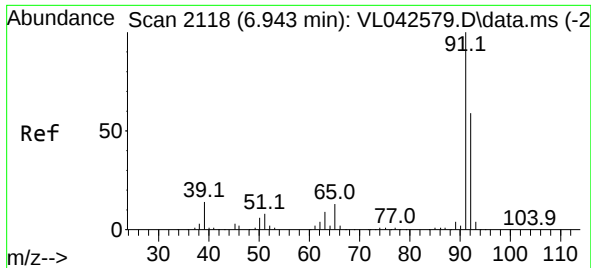
Tgt Ion: 43 Resp: 9544
Ion Ratio Lower Upper
43 100
58 46.5 39.9 59.9
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.493 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. -0.007 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 164 Resp: 5119
Ion Ratio Lower Upper
164 100
166 116.2 100.0 150.0
129 103.6 82.2 123.4
131 102.6 75.2 112.8

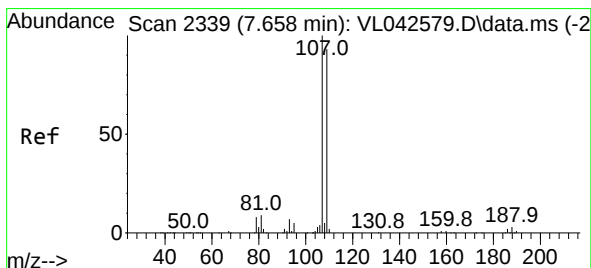
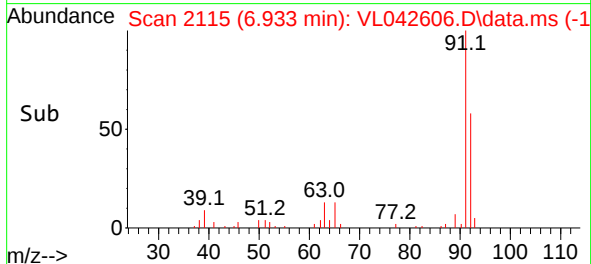
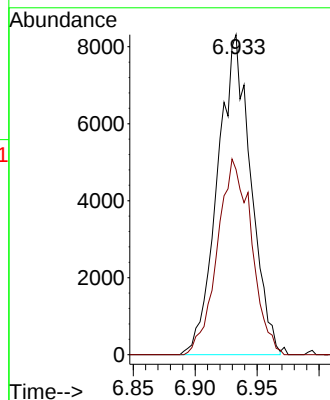
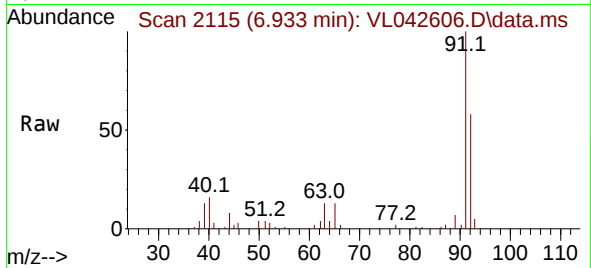




#53
Toluene
Concen: 0.484 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.010 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

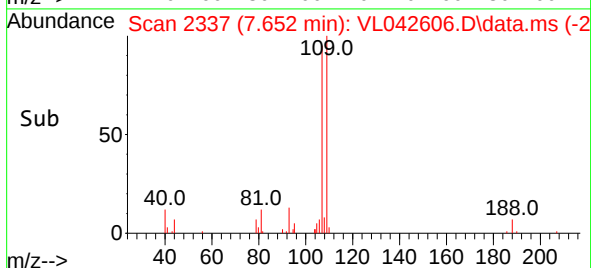
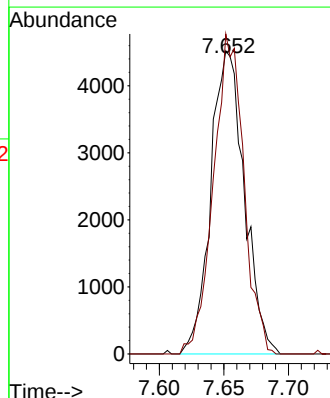
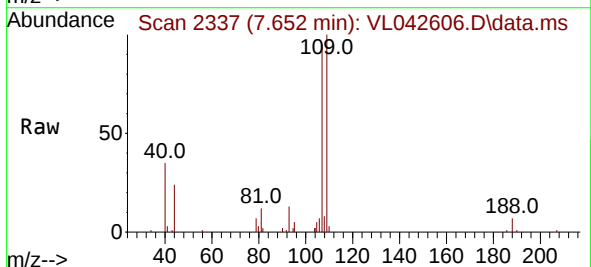
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

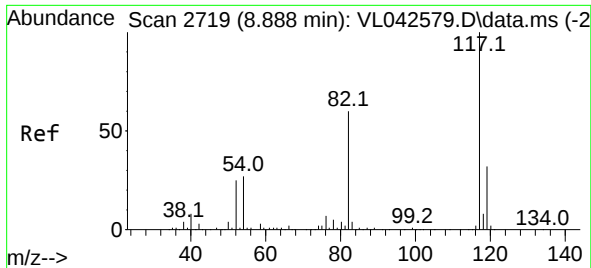
Tgt Ion: 91 Resp: 15538
Ion Ratio Lower Upper
91 100
92 62.9 48.2 72.4



#54
1,2-Dibromoethane
Concen: 0.519 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. -0.007 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 107 Resp: 8170
Ion Ratio Lower Upper
107 100
109 105.5 74.3 111.5

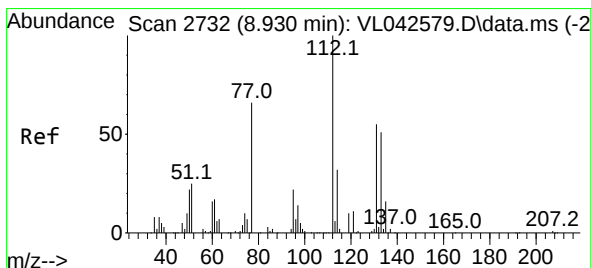
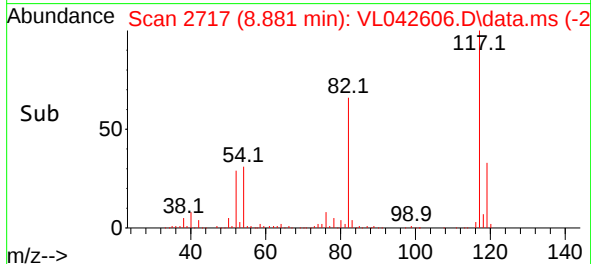
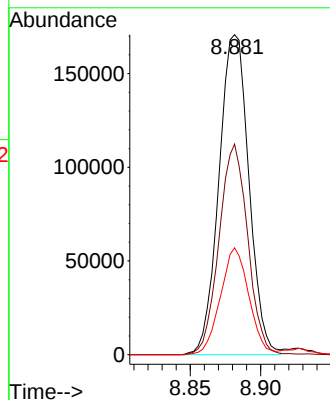
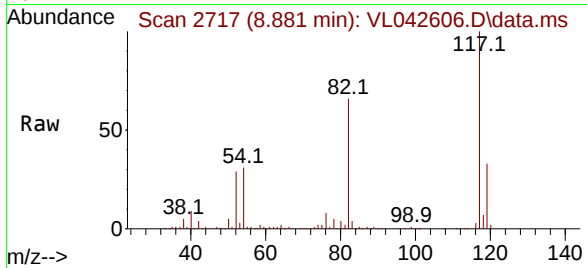




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

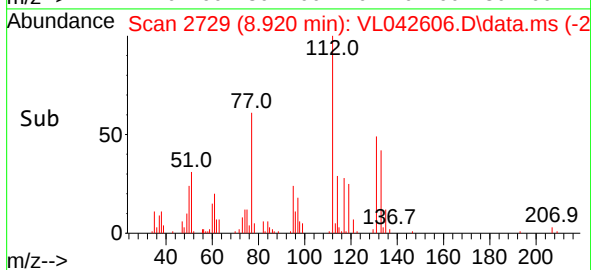
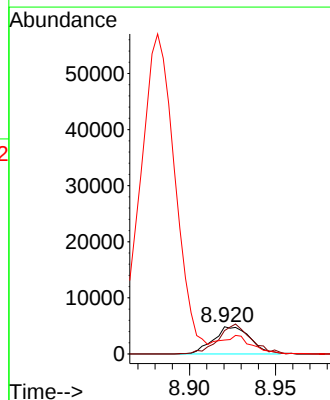
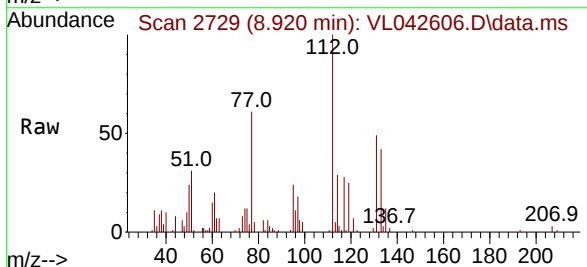
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

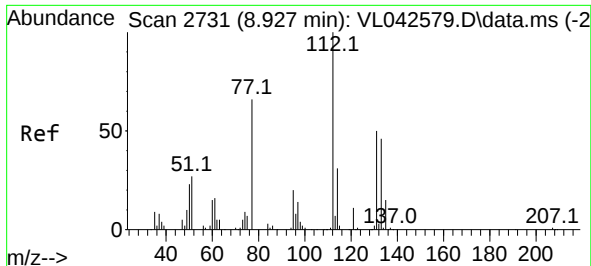
Tgt Ion:117 Resp: 253010
Ion Ratio Lower Upper
117 100
82 63.0 51.2 76.8
119 33.5 26.3 39.5



#56
1,1,1,2-Tetrachloroethane
Concen: 0.568 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. -0.010 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion:131 Resp: 7220
Ion Ratio Lower Upper
131 100
133 97.3 75.0 112.6
119 1174.1 50.8 76.2#





#57

Chlorobenzene

Concen: 0.557 ppbv

RT: 8.920 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL042606.D

Acq: 03 Jun 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2025

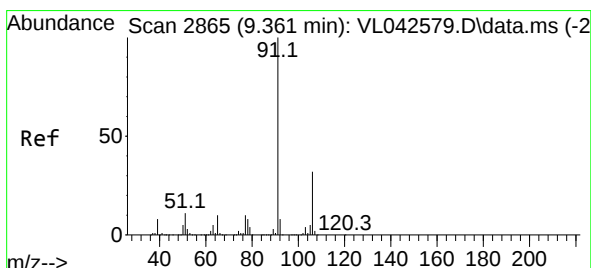
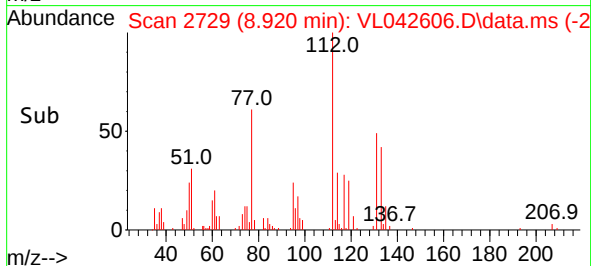
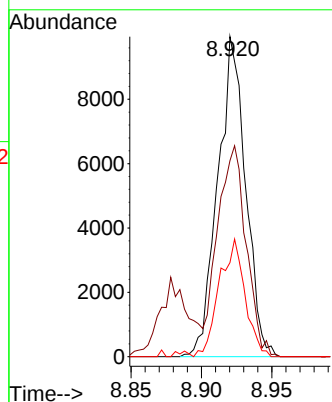
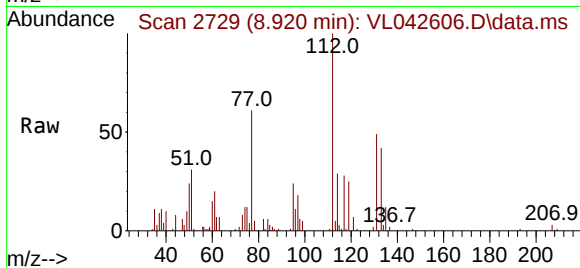
Tgt Ion:112 Resp: 13677

Ion Ratio Lower Upper

112 100

77 61.3 53.5 80.3

114 32.5 27.8 34.0



#58

Ethyl Benzene

Concen: 0.470 ppbv

RT: 9.357 min Scan# 2864

Delta R.T. -0.003 min

Lab File: VL042606.D

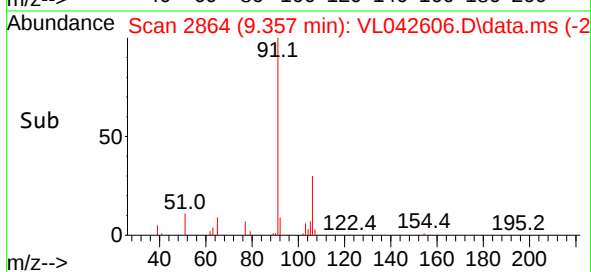
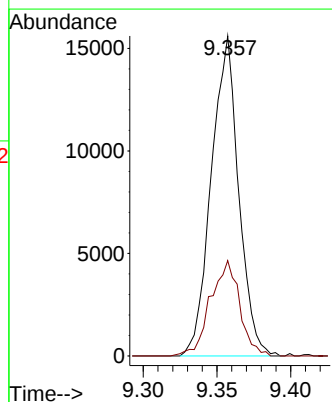
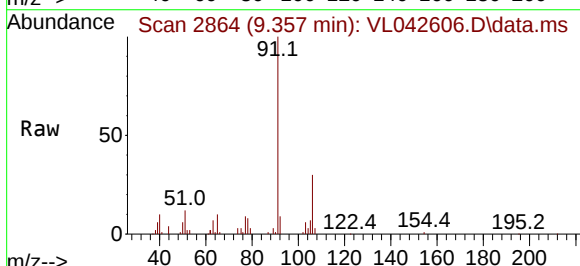
Acq: 03 Jun 2025 12:30

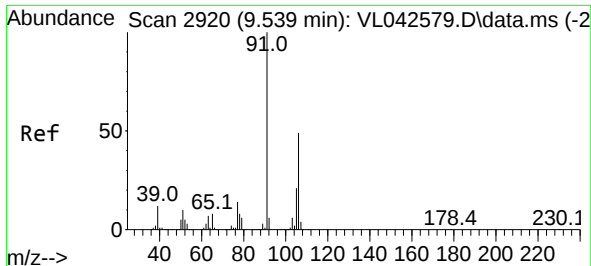
Tgt Ion: 91 Resp: 20163

Ion Ratio Lower Upper

91 100

106 29.8 25.9 38.9





#59

m/p-Xylene

Concen: 0.355 ppbv

RT: 9.532 min Scan# 2918

Delta R.T. -0.007 min

Lab File: VL042606.D

Acq: 03 Jun 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

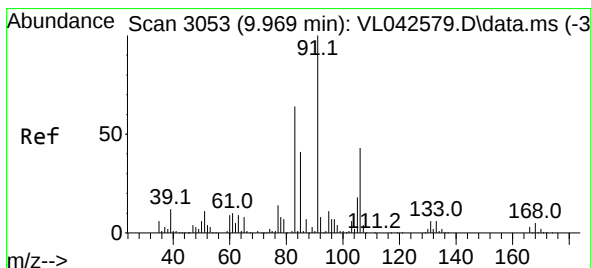
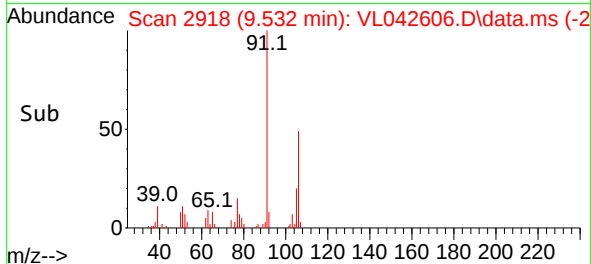
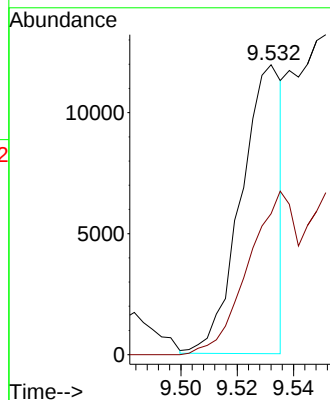
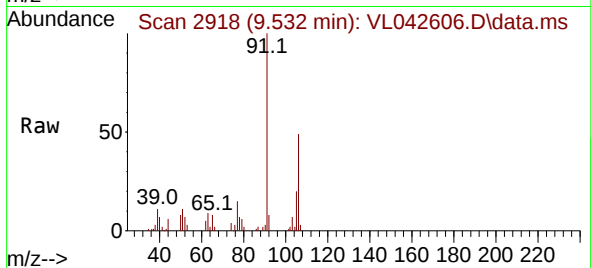
LOQ-AIR-02-QT2-2025

Tgt Ion: 91 Resp: 12004

Ion Ratio Lower Upper

91 100

106 131.8 38.8 58.2#



#60

o-Xylene

Concen: 0.478 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VL042606.D

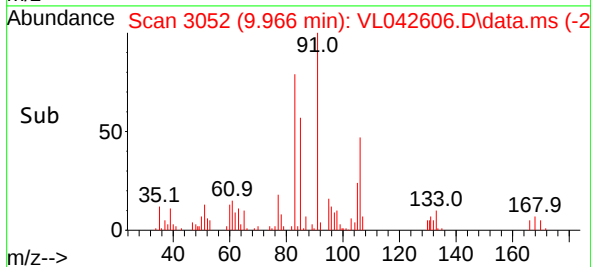
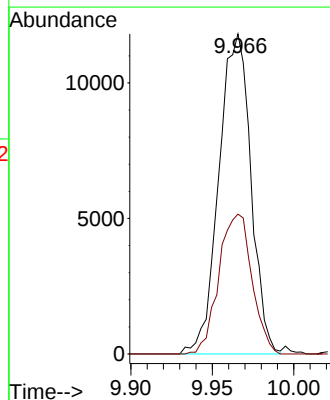
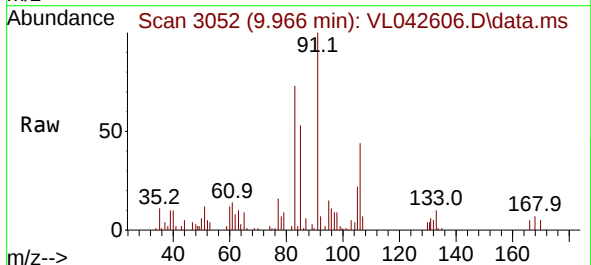
Acq: 03 Jun 2025 12:30

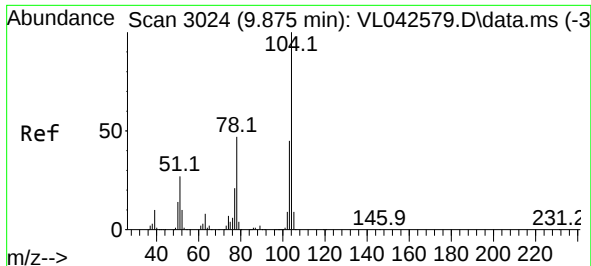
Tgt Ion: 91 Resp: 16108

Ion Ratio Lower Upper

91 100

106 45.2 22.9 68.5

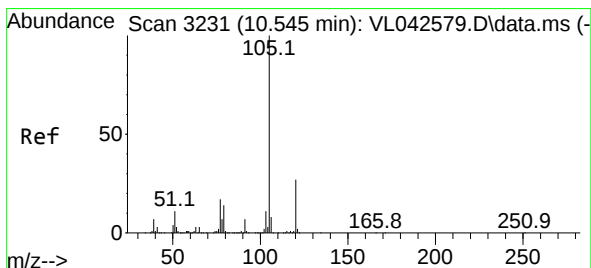
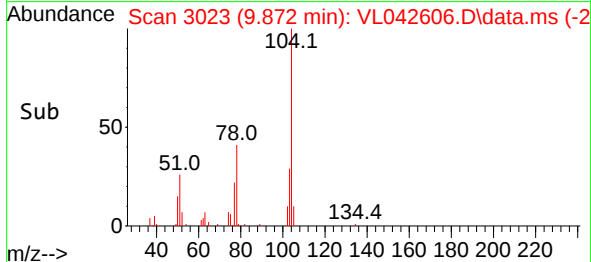
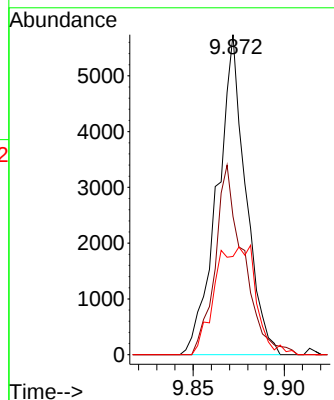
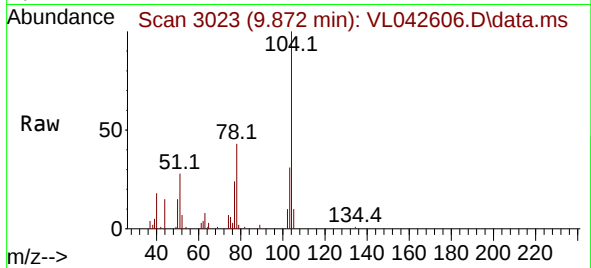




#61
Styrene
Concen: 0.392 ppbv
RT: 9.872 min Scan# 3024
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

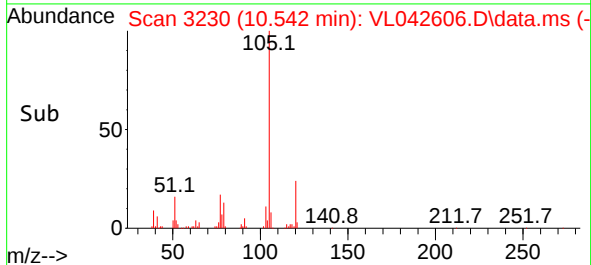
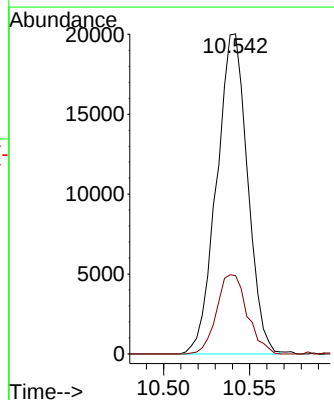
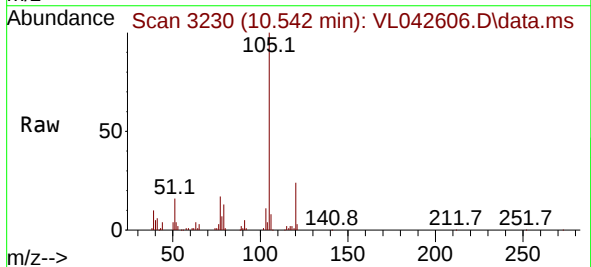
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

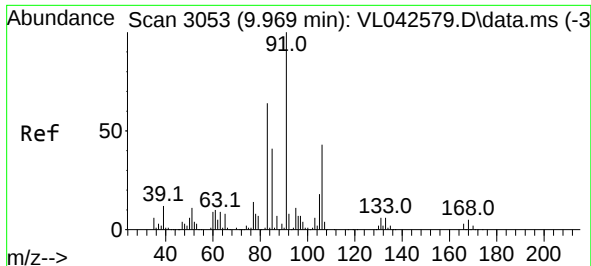
Tgt Ion:104 Resp: 6236
Ion Ratio Lower Upper
104 100
78 58.8 38.2 57.4#
103 49.0 36.7 55.1



#62
Isopropylbenzene
Concen: 0.503 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion:105 Resp: 25034
Ion Ratio Lower Upper
105 100
120 24.5 20.9 31.3

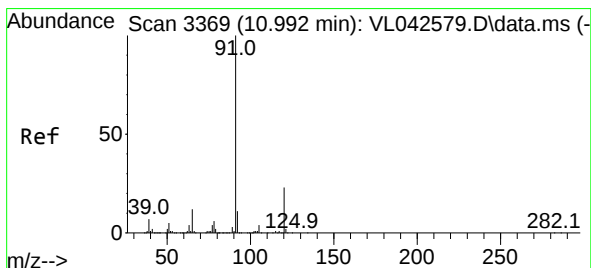
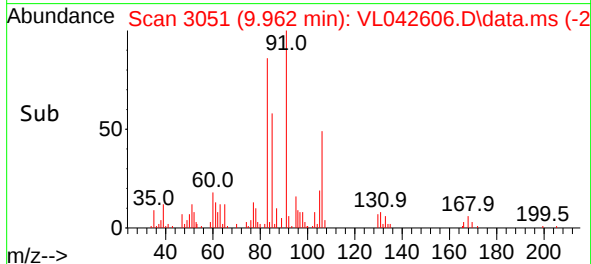
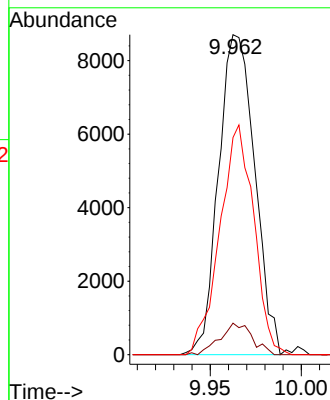
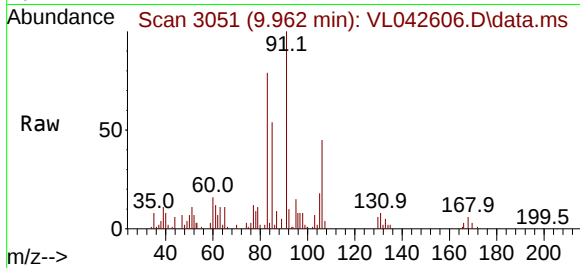




#63
1,1,2,2-Tetrachloroethane
Concen: 0.561 ppbv
RT: 9.962 min Scan# 3051
Delta R.T. -0.007 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

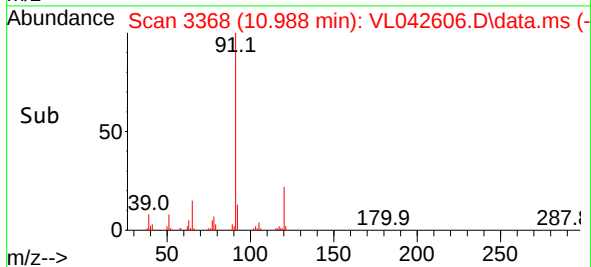
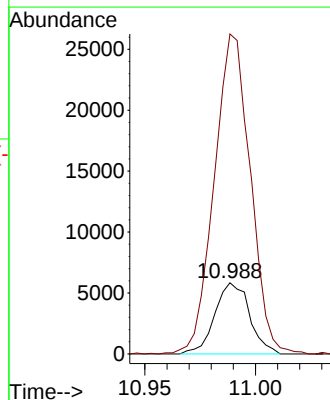
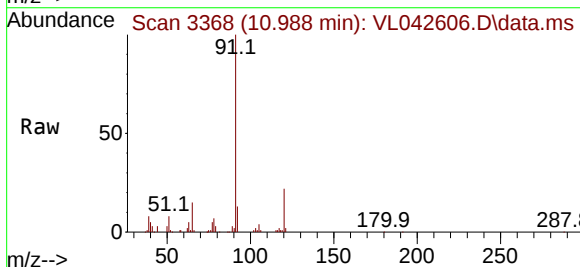
Instrument : MSVOA_1
ClientSampleId : LOQ-AIR-02-QT2-2025

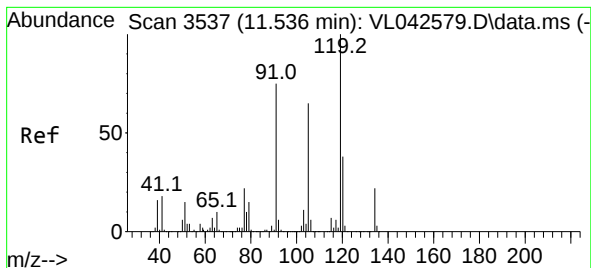
Tgt Ion: 83 Resp: 12026
Ion Ratio Lower Upper
83 100
131 8.8 4.8 14.4
85 67.4 32.5 97.4



#64
n-propylbenzene
Concen: 0.478 ppbv
RT: 10.988 min Scan# 3368
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 120 Resp: 6377
Ion Ratio Lower Upper
120 100
91 468.1 363.0 544.6





#65

tert-Butylbenzene

Concen: 0.481 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.003 min

Lab File: VL042606.D

Acq: 03 Jun 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2025

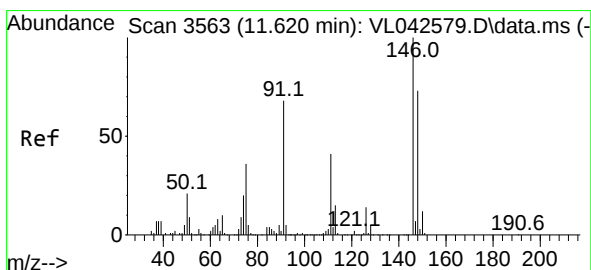
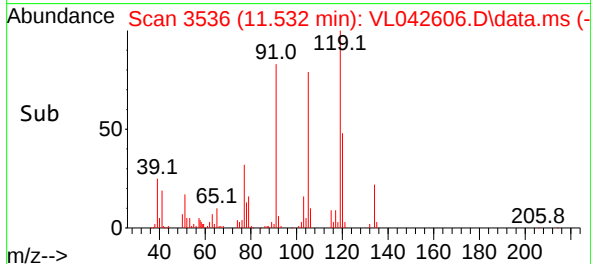
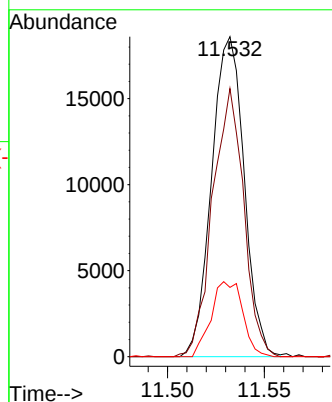
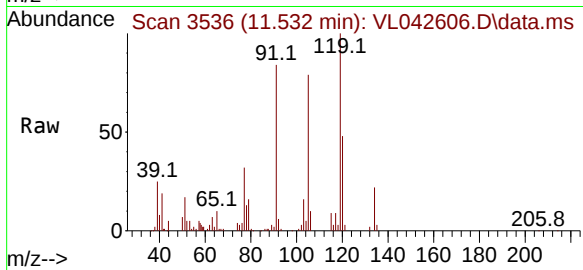
Tgt Ion:119 Resp: 21719

Ion Ratio Lower Upper

119 100

91 80.1 61.1 91.7

134 22.8 17.4 26.2



#66

Benzyl Chloride

Concen: 0.370 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. -0.007 min

Lab File: VL042606.D

Acq: 03 Jun 2025 12:30

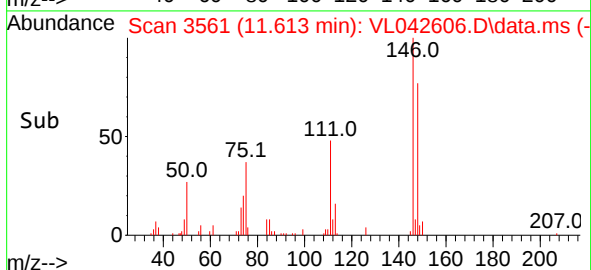
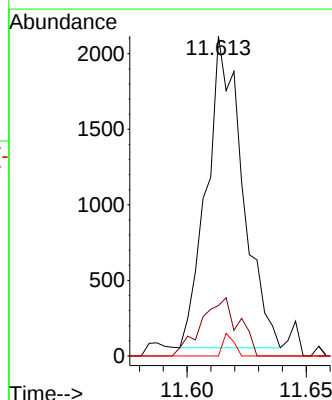
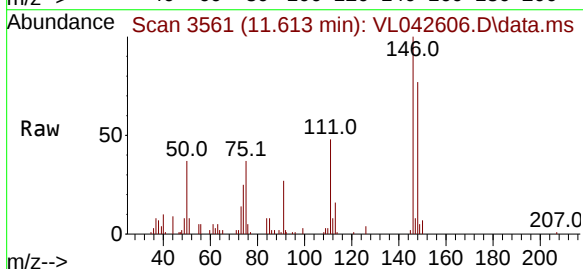
Tgt Ion: 91 Resp: 2151

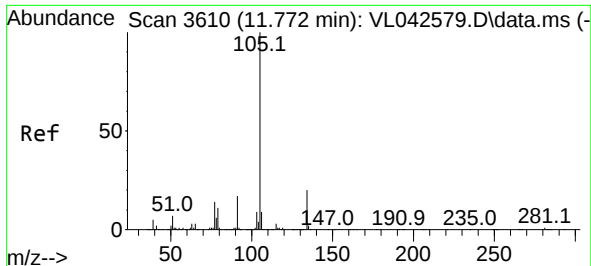
Ion Ratio Lower Upper

91 100

126 19.5 15.1 22.7

128 2.2 5.0 7.6#

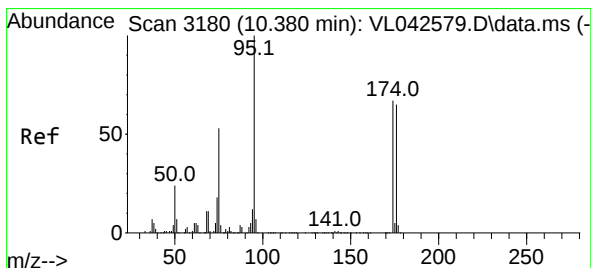
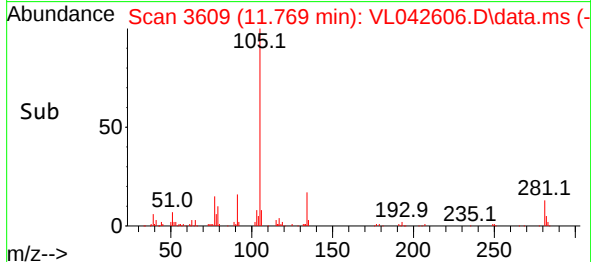
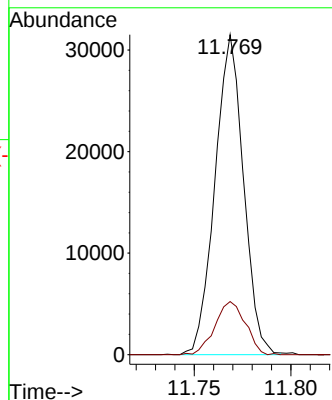
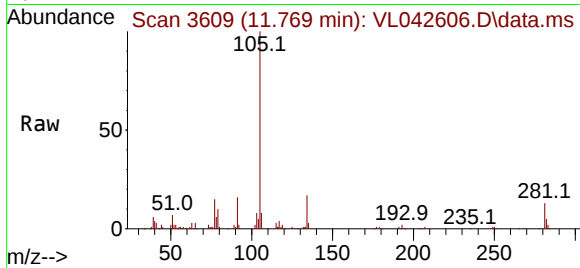




#67
 sec-Butylbenzene
 Concen: 0.508 ppbv
 RT: 11.769 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

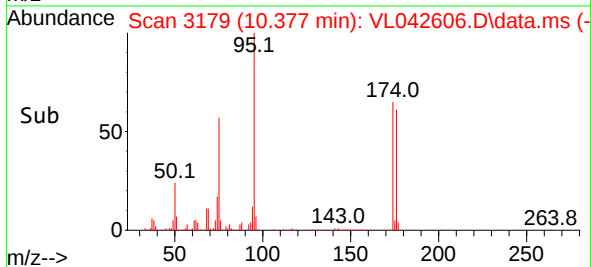
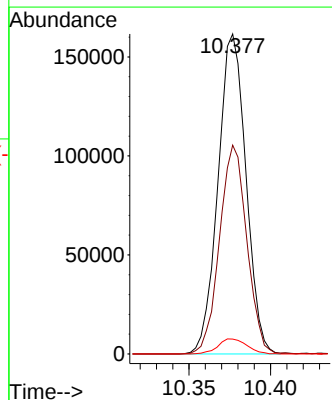
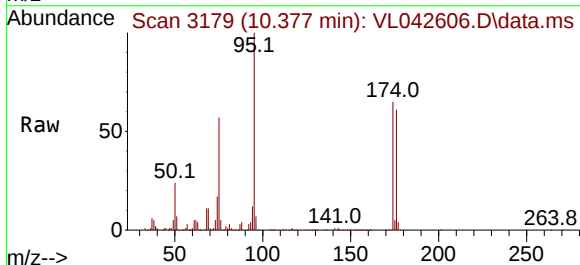
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

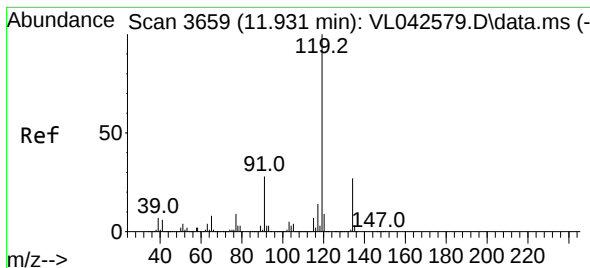
Tgt Ion:105 Resp: 32248
 Ion Ratio Lower Upper
 105 100
 134 17.8 15.8 23.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.142 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

Tgt Ion: 95 Resp: 192349
 Ion Ratio Lower Upper
 95 100
 174 64.1 53.1 79.7
 175 4.9 4.2 6.2





#69

p-Isopropyltoluene

Concen: 0.464 ppbv

RT: 11.927 min Scan# 3658

Delta R.T. -0.003 min

Lab File: VL042606.D

Acq: 03 Jun 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2025

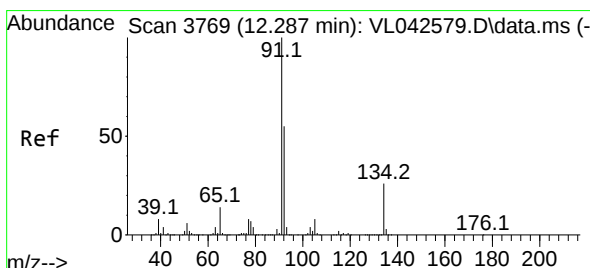
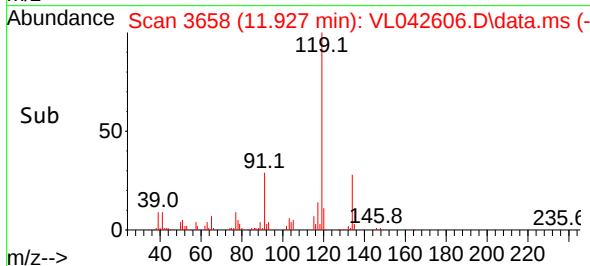
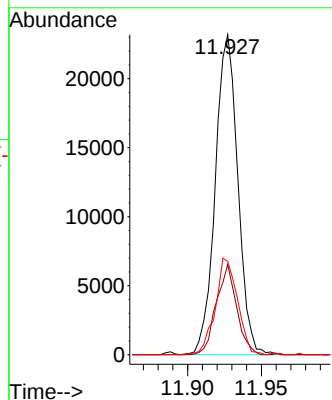
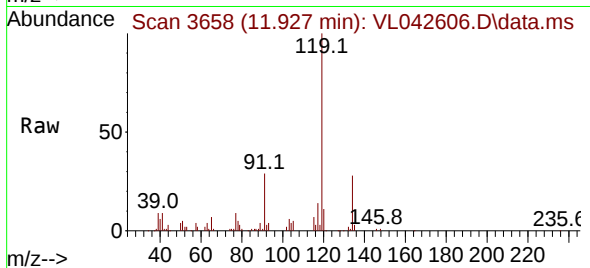
Tgt Ion:119 Resp: 24672

Ion Ratio Lower Upper

119 100

134 25.5 21.1 31.7

91 29.8 21.9 32.9



#70

n-Butylbenzene

Concen: 0.468 ppbv

RT: 12.283 min Scan# 3768

Delta R.T. -0.003 min

Lab File: VL042606.D

Acq: 03 Jun 2025 12:30

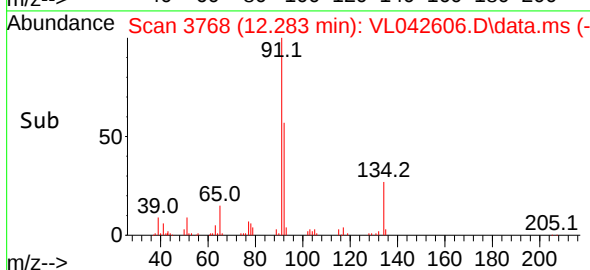
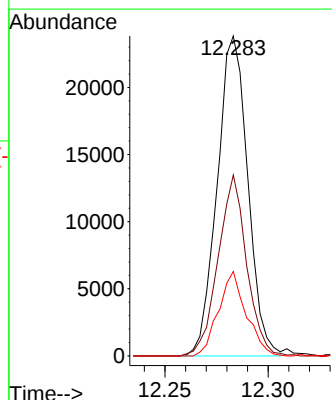
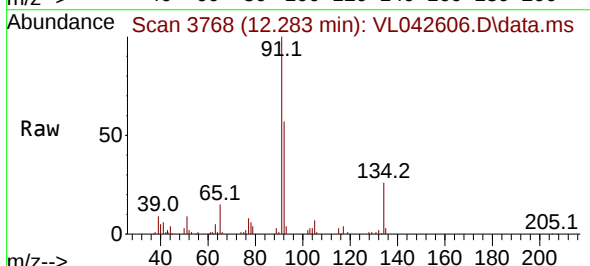
Tgt Ion: 91 Resp: 24548

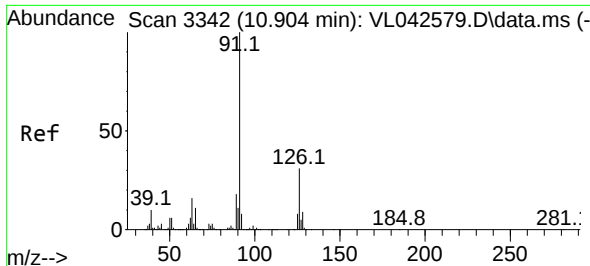
Ion Ratio Lower Upper

91 100

92 52.9 44.4 66.6

134 23.9 20.1 30.1

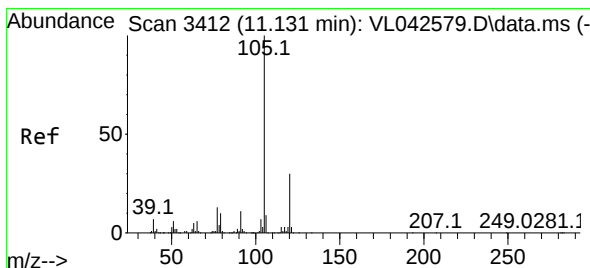
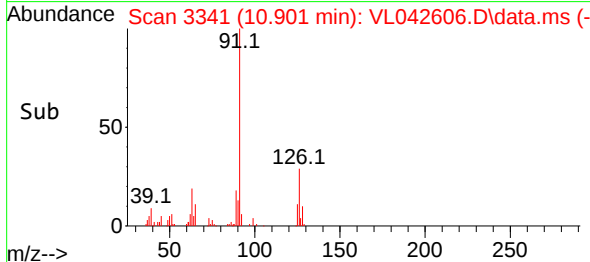
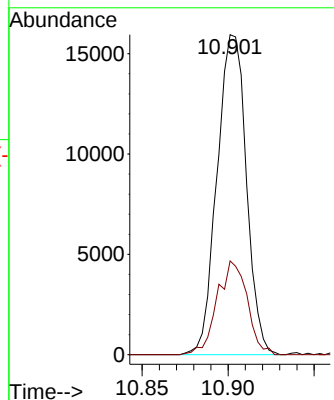
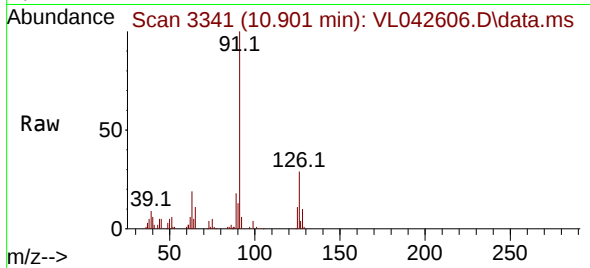




#71
2-Chlorotoluene
Concen: 0.498 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

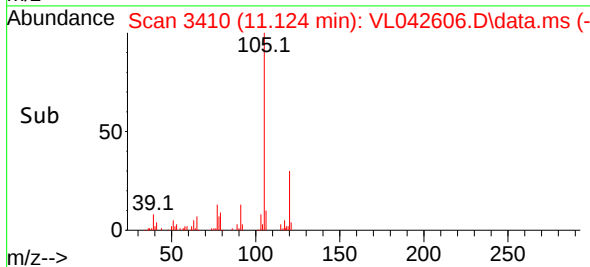
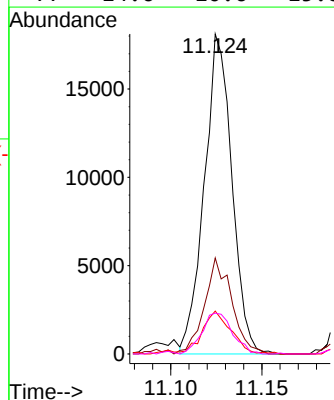
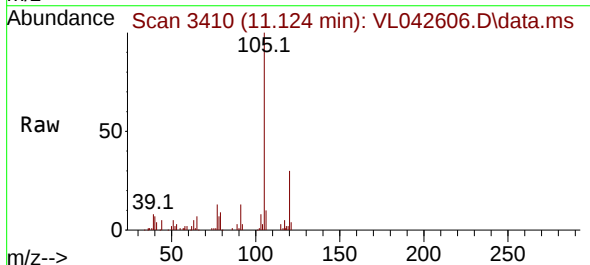
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

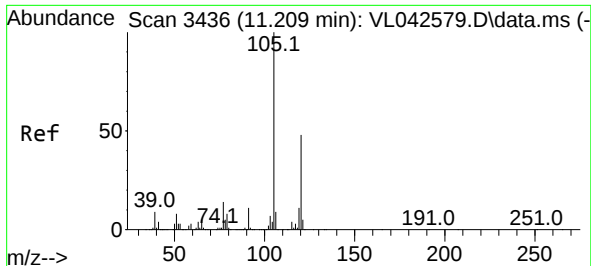
Tgt Ion: 91 Resp: 18913
Ion Ratio Lower Upper
91 100
126 30.0 12.6 50.4



#72
4-Ethyltoluene
Concen: 0.455 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.007 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion: 105 Resp: 19093
Ion Ratio Lower Upper
105 100
120 30.6 24.6 36.8
91 14.8 9.6 14.4#
77 14.6 10.6 15.8

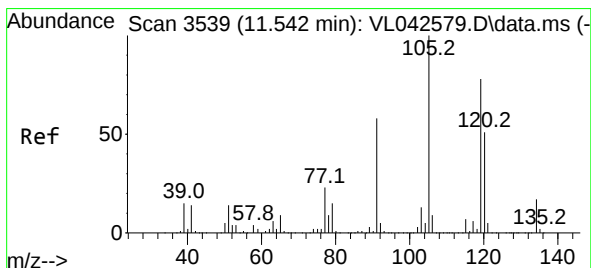
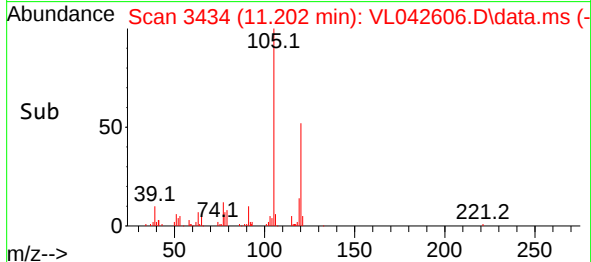
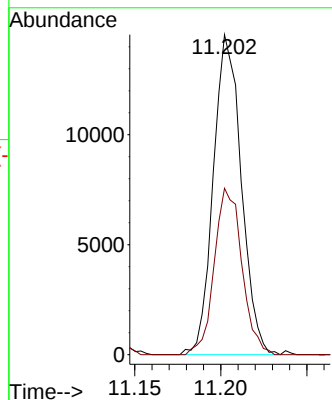
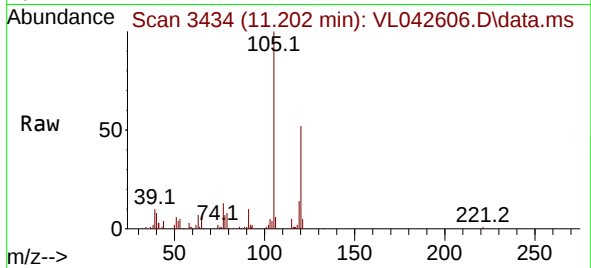




#73
1,3,5-Trimethylbenzene
Concen: 0.473 ppbv
RT: 11.202 min Scan# 3436
Delta R.T. -0.007 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

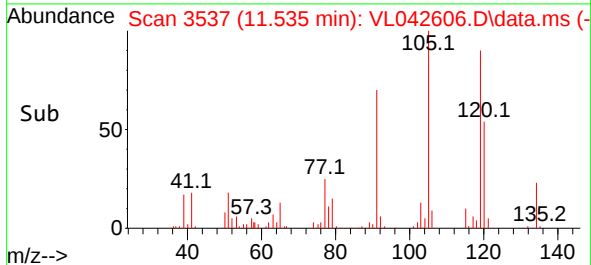
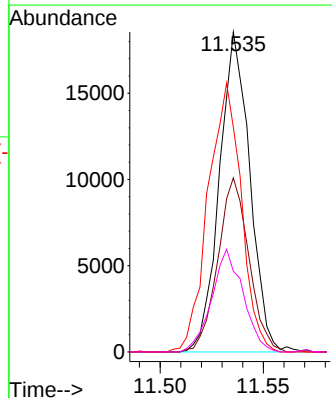
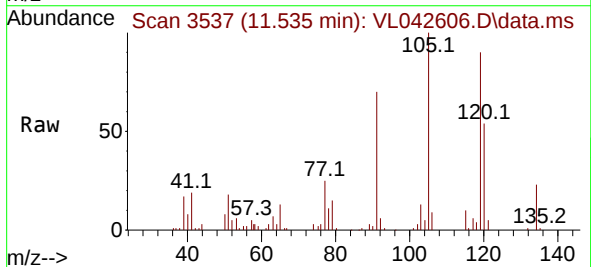
Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT2-2025

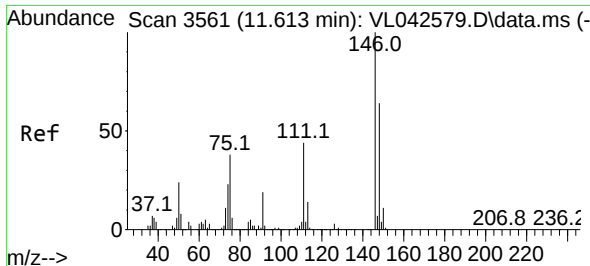
Tgt Ion:105 Resp: 16443
Ion Ratio Lower Upper
105 100
120 52.0 38.8 58.2



#74
1,2,4-Trimethylbenzene
Concen: 0.491 ppbv
RT: 11.535 min Scan# 3537
Delta R.T. -0.007 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion:105 Resp: 18926
Ion Ratio Lower Upper
105 100
120 54.4 40.8 61.2
91 70.2 46.8 70.2#
77 25.3 18.2 27.2

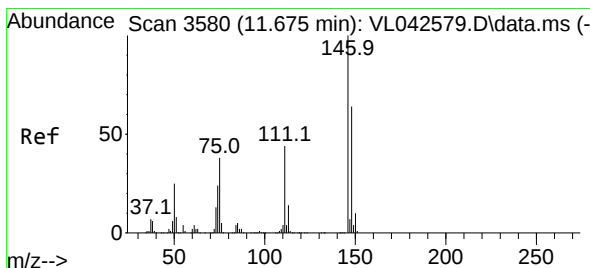
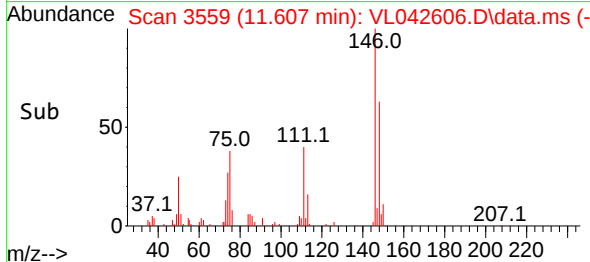
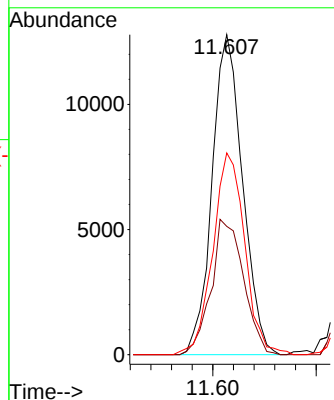
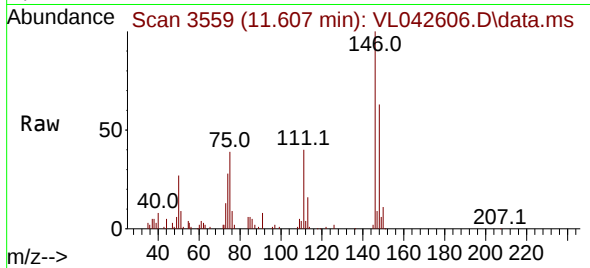




#75
1,3-Dichlorobenzene
Concen: 0.541 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.007 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

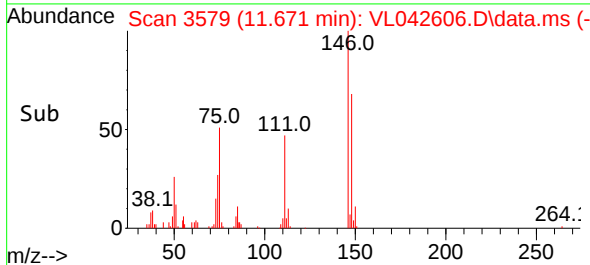
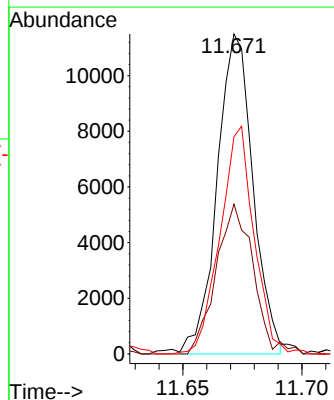
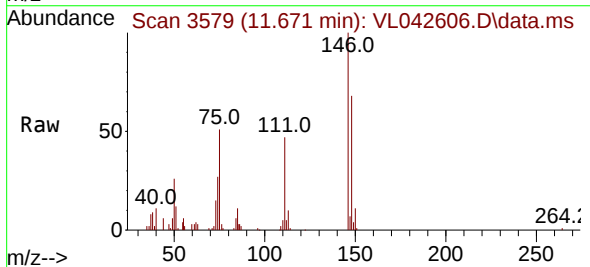
Instrument :
MSVOA_1
ClientSampleId :
LOQ-AIR-02-QT2-2025

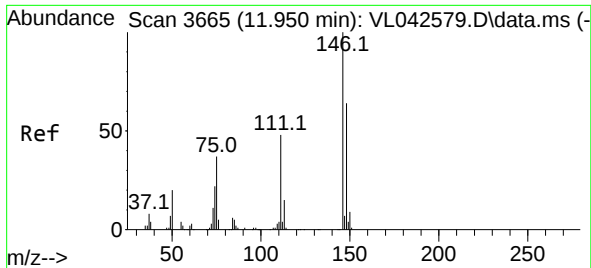
Tgt Ion:146 Resp: 13116
Ion Ratio Lower Upper
146 100
111 45.0 22.4 67.3
148 65.9 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 0.497 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.003 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion:146 Resp: 12007
Ion Ratio Lower Upper
146 100
111 48.5 21.6 64.8
148 67.7 32.1 96.5

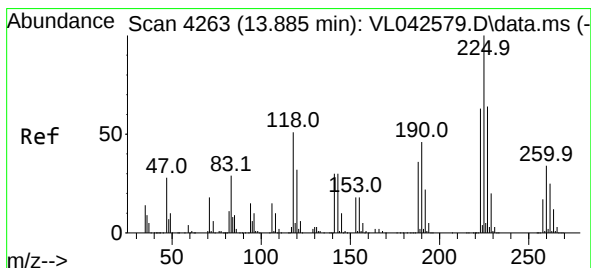
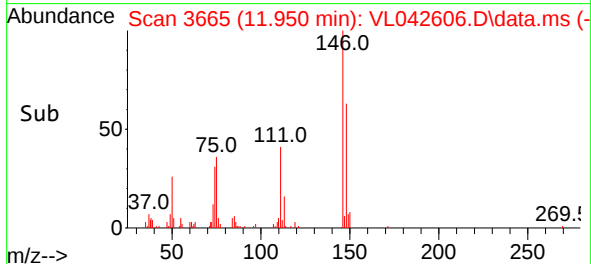
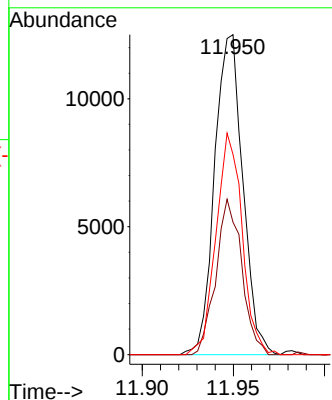
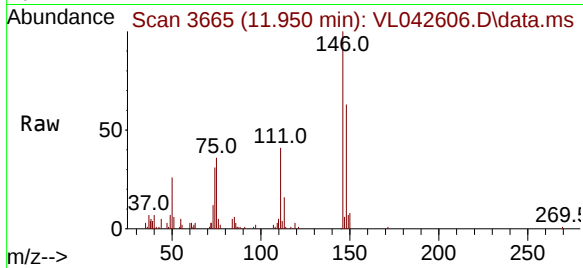




#77
 1,2-Dichlorobenzene
 Concen: 0.571 ppbv
 RT: 11.950 min Scan# 3665
 Delta R.T. -0.000 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

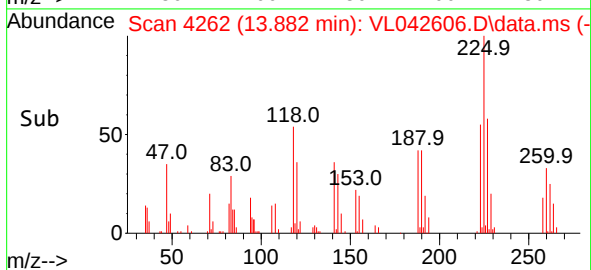
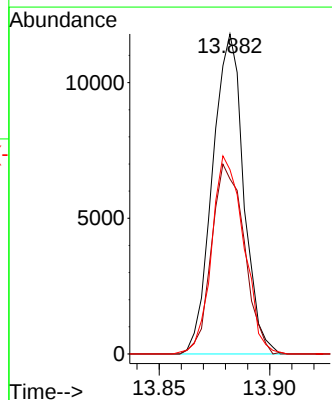
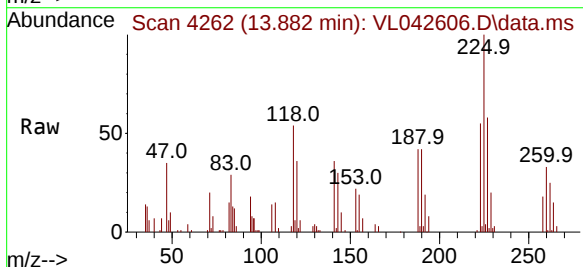
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2025

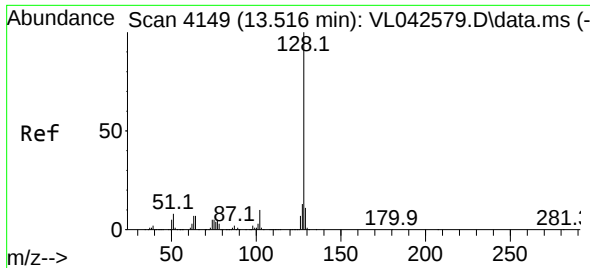
Tgt Ion:146	Resp:	13433
Ion Ratio	Lower	Upper
146	100	
111	44.9	23.1 69.3
148	64.3	32.1 96.3



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.593 ppbv
 RT: 13.882 min Scan# 4262
 Delta R.T. -0.003 min
 Lab File: VL042606.D
 Acq: 03 Jun 2025 12:30

Tgt Ion:225	Resp:	11543
Ion Ratio	Lower	Upper
225	100	
223	62.2	50.2 75.4
227	63.8	51.1 76.7

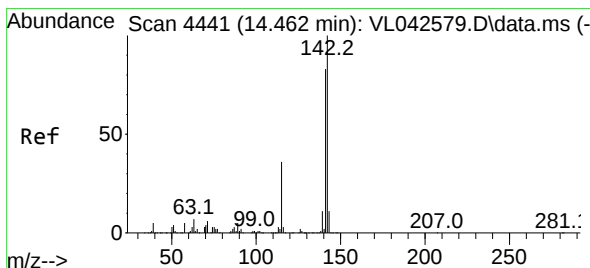
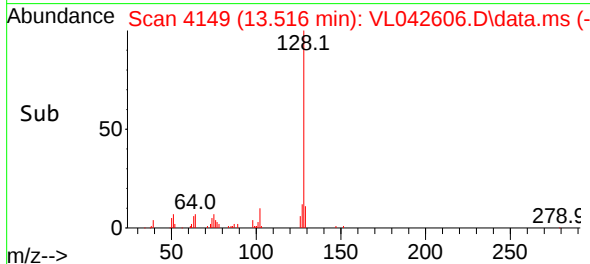
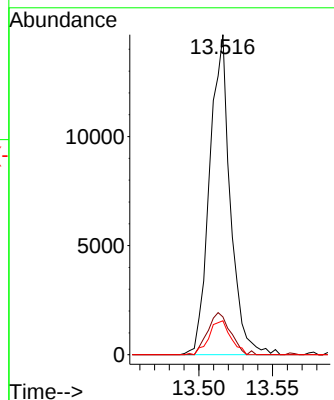
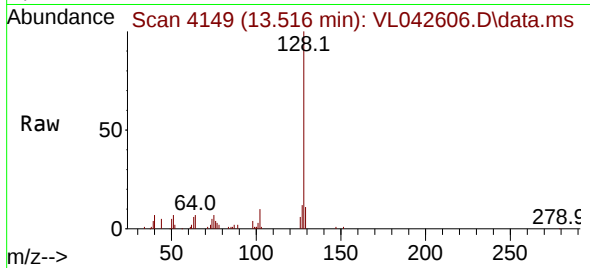




#79
Naphthalene
Concen: 0.394 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

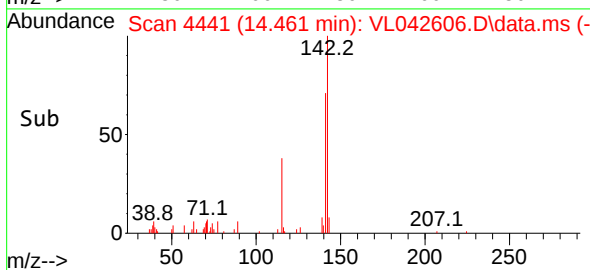
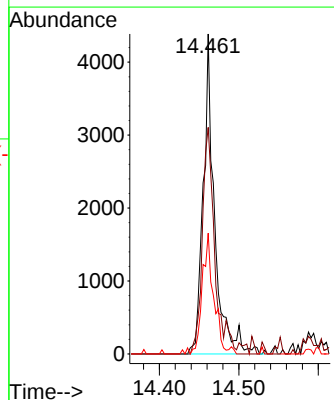
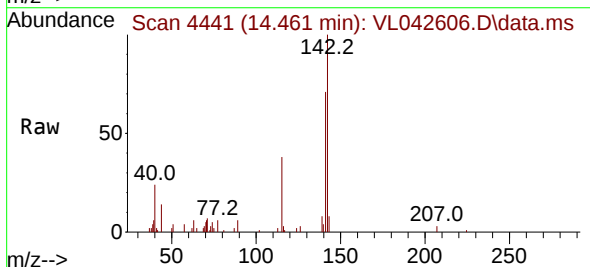
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2025

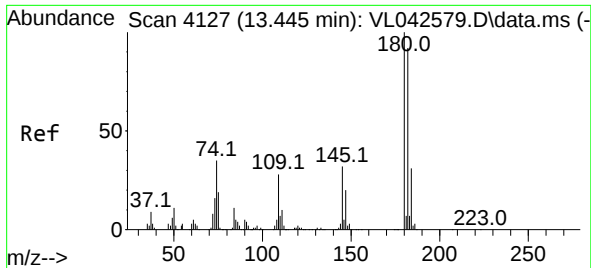
Tgt Ion:128	Resp:	14320
Ion Ratio	Lower	Upper
128	100	
127	11.8	10.2 15.4
129	10.6	8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 0.268 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. -0.000 min
Lab File: VL042606.D
Acq: 03 Jun 2025 12:30

Tgt Ion:142	Resp:	4406
Ion Ratio	Lower	Upper
142	100	
141	79.9	66.2 99.4
115	38.4	28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 0.389 ppbv

RT: 13.442 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042606.D

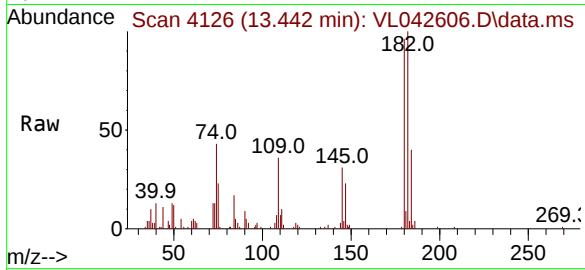
Acq: 03 Jun 2025 12:30

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2025



Tgt Ion:180 Resp: 7898

Ion Ratio Lower Upper

180 100

182 97.8 75.0 112.4

184 33.0 24.6 36.8

