

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042610.D
 Acq On : 03 Jun 2025 14:40
 Operator : SY/MD
 Sample : Q2126-13 0.1 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

Quant Time: Jun 04 01:51:39 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	100590	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	265187	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	238483	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	179621	10.047	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	1492	0.121	ppbv	98
3) Chlorodifluoromethane	1.476	51	1979	0.116	ppbv	96
4) Chloromethane	1.534	50	565	0.115	ppbv #	74
5) Vinyl Chloride	1.580	62	626	0.126	ppbv	99
6) Bromomethane	1.664	94	307	0.126	ppbv #	47
7) Chloroethane	1.706	64	326	0.168	ppbv #	43
8) Dichlorotetrafluoroethane	1.554	85	1032	0.100	ppbv	92
9) Propene	1.482	41	855	0.125	ppbv	90
10) Heptane	4.978	43	987	0.051	ppbv #	28
11) Trichlorofluoromethane	1.877	101	1474	0.128	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.143	101	1150	0.127	ppbv	100
13) Ethanol	1.722	45	330	0.404	ppbv #	39
14) Bromoethene	1.780	108	308	0.091	ppbv #	81
15) Acetone	1.839	43	1953	0.161	ppbv	98
16) 1,3-Butadiene	1.609	39	1011	0.176	ppbv #	77
17) tert-Butyl alcohol	2.046	59	1466	0.116	ppbv #	88
18) 1,1-Dichloroethene	2.033	96	481	0.115	ppbv #	51
19) Isopropyl Alcohol	1.890	45	843	0.116	ppbv #	64
20) Methylene Chloride	2.059	84	1051	0.263	ppbv	89
21) Allyl Chloride	2.094	41	1108	0.130	ppbv #	46
22) trans-1,2-Dichloroethene	2.343	96	664	0.142	ppbv #	71
23) Vinyl Acetate	2.463	43	1882	0.115	ppbv #	58
24) 1,1-Dichloroethane	2.411	63	1114	0.116	ppbv #	88
25) Ethyl Acetate	2.842	43	2707	0.082	ppbv #	89
26) Hexane	2.822	57	1483	0.098	ppbv #	82
27) Carbon Disulfide	2.152	76	1184	0.102	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	677	0.111	ppbv #	70
29) Chloroform	2.852	83	2337	0.119	ppbv	99
30) Cyclohexane	3.858	84	418	0.033	ppbv #	1
31) cis-1,2-Dichloroethene	2.722	61	1482	0.108	ppbv #	85
32) 1,1,1-Trichloroethane	3.373	97	2138	0.107	ppbv	97
34) 2-Butanone	2.567	43	2664	0.141	ppbv	98
35) Carbon Tetrachloride	3.758	117	998	0.057	ppbv	91
36) Benzene	3.661	78	2684	0.103	ppbv #	90
37) 1,2-Dichloroethane	3.217	62	1661	0.128	ppbv #	93
38) Trichloroethene	4.551	130	1119	0.101	ppbv #	58
39) 1,2-Dichloropropane	4.315	63	774	0.080	ppbv #	50
40) 1,4-Dioxane	4.625	88	186	0.043	ppbv #	1
41) Tetrahydrofuran	3.068	42	459	0.041	ppbv #	13
42) Bromodichloromethane	4.496	83	2281	0.124	ppbv #	85
43) Methyl Methacrylate	4.881	69	175	0.017	ppbv #	1
44) 2,2,4-Trimethylpentane	4.645	57	4516	0.101	ppbv #	89
45) t-1,3-Dichloropropene	6.412	75	668	0.058	ppbv #	81

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Instrument :
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 LOD-MDL-AIR-01-QT2-2025

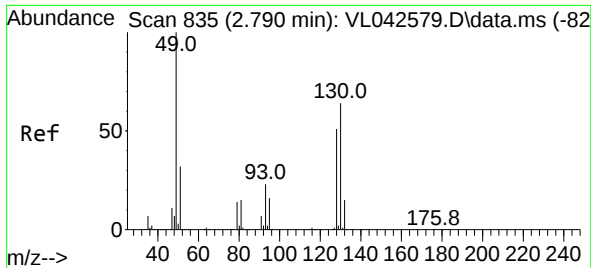
Quant Time: Jun 04 01:51:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	798	0.055	ppbv #	25
47) 1,1,2-Trichloroethane	6.583	97	280	0.028	ppbv #	13
48) Dibromochloromethane	7.393	129	973	0.061	ppbv #	20
49) Bromoform	9.477	173	464	0.034	ppbv #	27
50) 4-Methyl-2-Pentanone	5.765	43	500	0.019	ppbv #	39
51) 2-Hexanone	7.454	43	709	0.034	ppbv #	28
52) Tetrachloroethene	8.228	164	822	0.084	ppbv #	81
53) Toluene	6.936	91	746	0.025	ppbv #	20
54) 1,2-Dibromoethane	7.652	107	746	0.050	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.936	131	441	0.037	ppbv #	9
57) Chlorobenzene	8.924	112	2743	0.118	ppbv #	69
58) Ethyl Benzene	9.360	91	3373	0.083	ppbv	98
59) m/p-Xylene	9.532	91	1971	0.062	ppbv #	29
60) o-Xylene	9.962	91	1219	0.038	ppbv #	31
61) Styrene	9.872	104	931	0.062	ppbv #	56
62) Isopropylbenzene	10.545	105	4380	0.093	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.962	83	2496	0.124	ppbv	93
64) n-propylbenzene	10.988	120	603	0.048	ppbv #	1
65) tert-Butylbenzene	11.532	119	3191	0.075	ppbv	93
66) Benzyl Chloride	11.623	91	191	0.035	ppbv #	81
67) sec-Butylbenzene	11.772	105	4491	0.075	ppbv	99
69) p-Isopropyltoluene	11.930	119	3348	0.067	ppbv #	93
70) n-Butylbenzene	12.286	91	3083	0.062	ppbv	94
71) 2-Chlorotoluene	10.901	91	2971	0.083	ppbv	96
72) 4-Ethyltoluene	11.128	105	3005	0.076	ppbv #	90
73) 1,3,5-Trimethylbenzene	11.205	105	2443	0.075	ppbv #	81
74) 1,2,4-Trimethylbenzene	11.539	105	2680	0.074	ppbv #	90
75) 1,3-Dichlorobenzene	11.610	146	1996	0.087	ppbv	100
76) 1,4-Dichlorobenzene	11.671	146	1914	0.084	ppbv	93
77) 1,2-Dichlorobenzene	11.953	146	2535	0.114	ppbv	89
78) Hexachloro-1,3-Butadiene	13.882	225	1957	0.107	ppbv	94
79) Naphthalene	13.513	128	1565	0.046	ppbv #	90
80) Naphthalene,2-methyl-	14.478	142	71	0.005	ppbv #	56
81) 1,2,4-Trichlorobenzene	13.439	180	263	0.014	ppbv #	13

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

Quant Time: Jun 04 01:51:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration

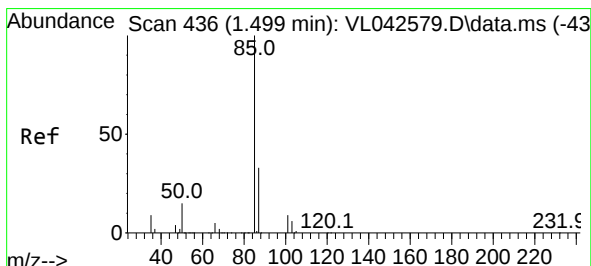
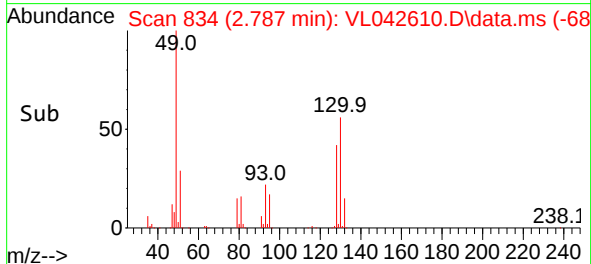
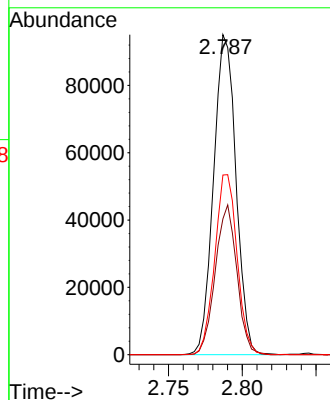
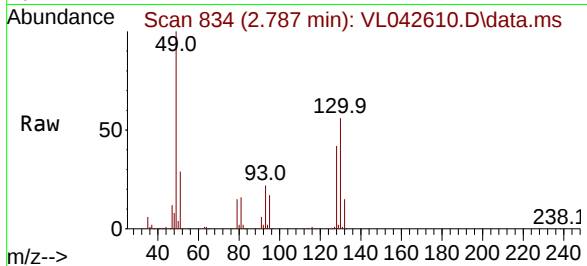




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

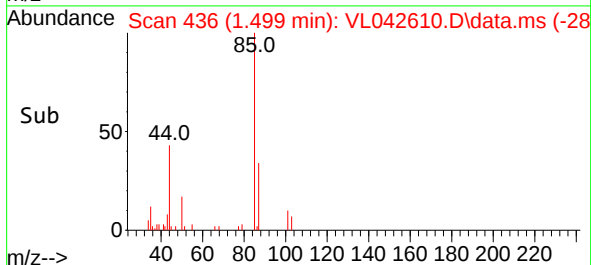
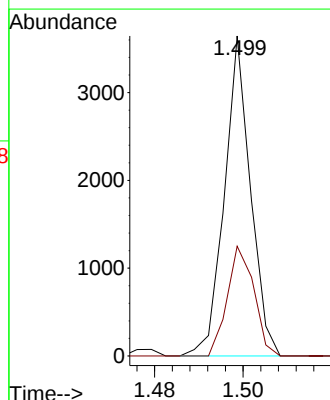
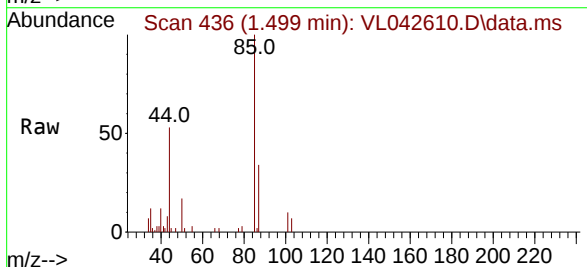
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

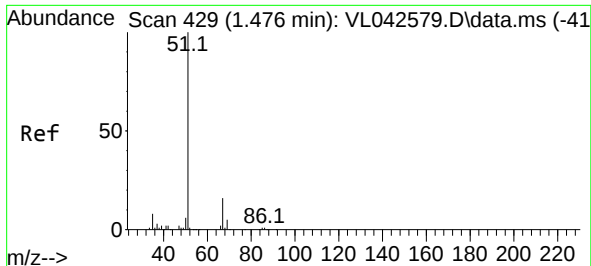
Tgt Ion: 49 Resp: 100590
 Ion Ratio Lower Upper
 49 100
 128 45.0 24.2 72.6
 130 56.1 30.4 91.2



#2
 Dichlorodifluoromethane
 Concen: 0.121 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

Tgt Ion: 85 Resp: 1492
 Ion Ratio Lower Upper
 85 100
 87 34.3 26.6 39.8

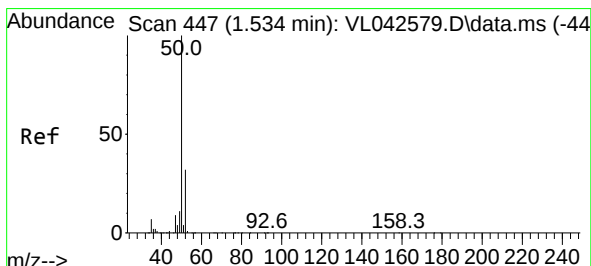
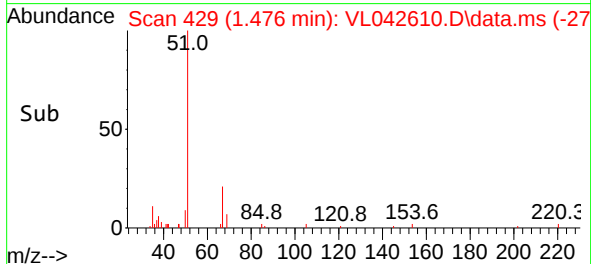
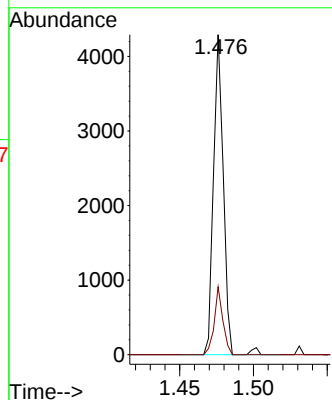
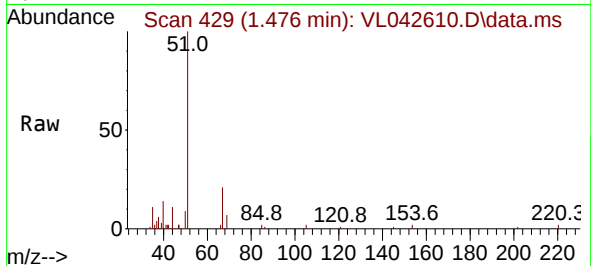




#3
Chlorodifluoromethane
Concen: 0.116 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

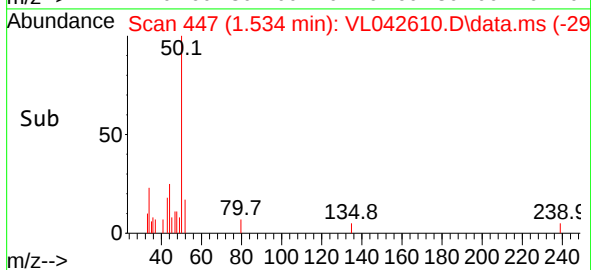
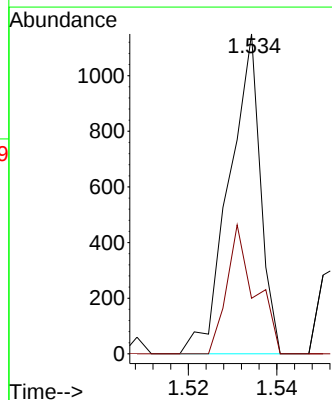
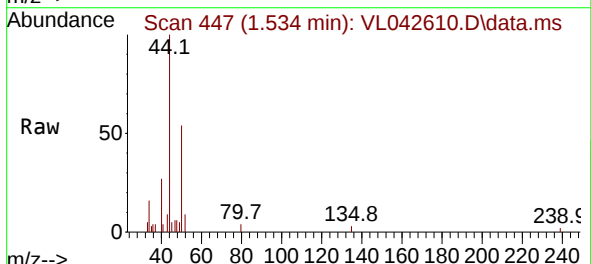
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

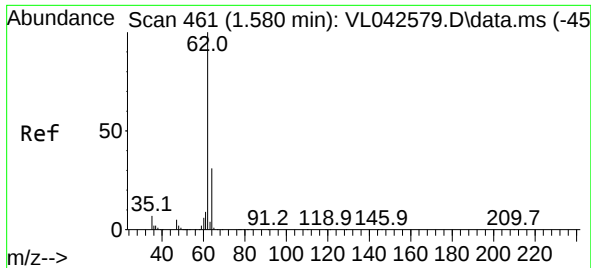
Tgt Ion: 51 Resp: 1979
Ion Ratio Lower Upper
51 100
67 18.5 13.4 20.2



#4
Chloromethane
Concen: 0.115 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 50 Resp: 565
Ion Ratio Lower Upper
50 100
52 17.4 25.8 38.6#

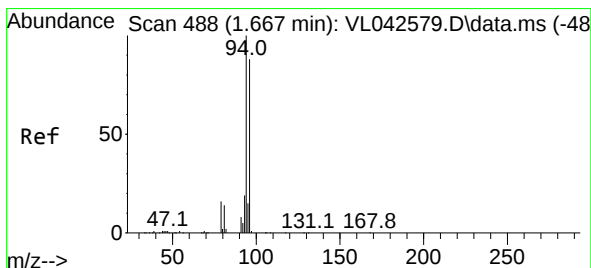
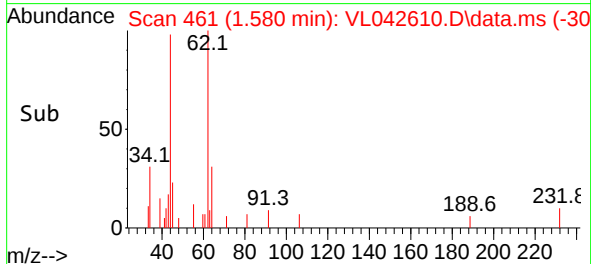
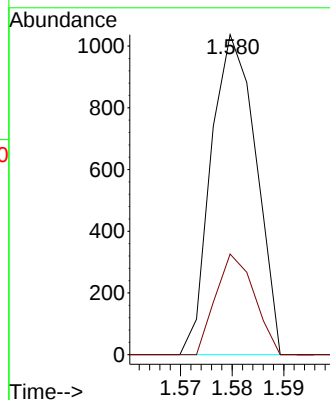
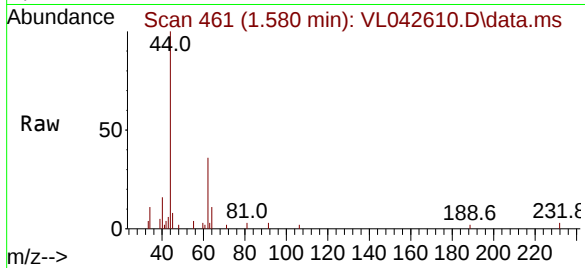




#5
 Vinyl Chloride
 Concen: 0.126 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

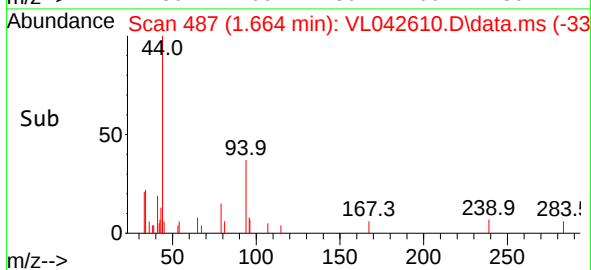
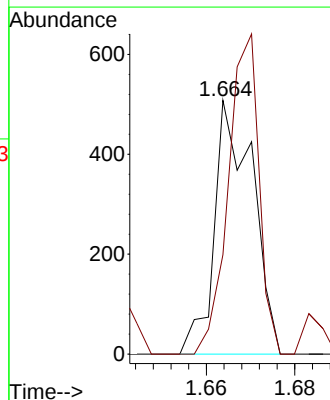
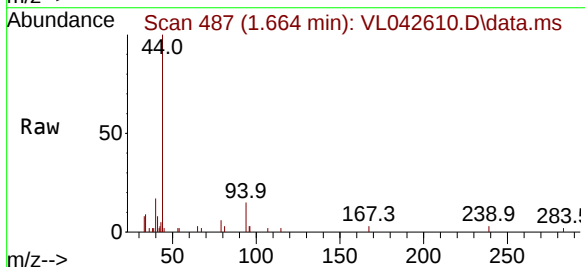
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

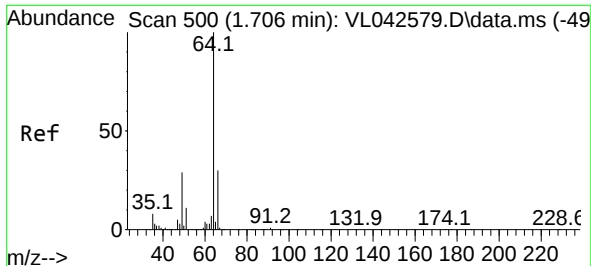
Tgt Ion: 62 Resp: 626
 Ion Ratio Lower Upper
 62 100
 64 31.4 24.9 37.3



#6
 Bromomethane
 Concen: 0.126 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.003 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

Tgt Ion: 94 Resp: 307
 Ion Ratio Lower Upper
 94 100
 96 39.2 70.7 106.1#

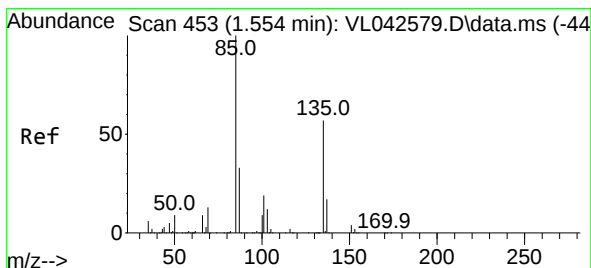
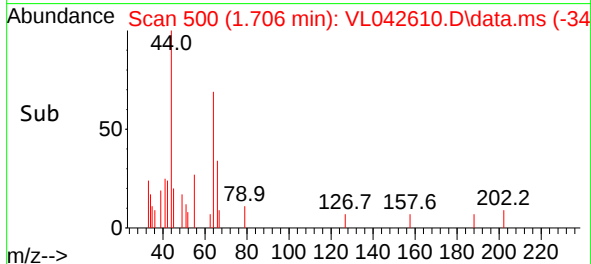
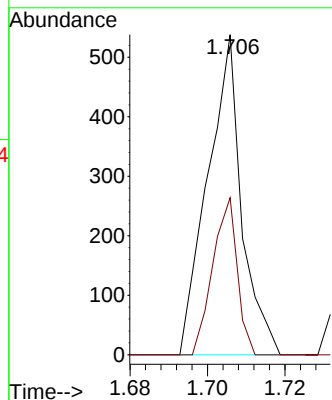
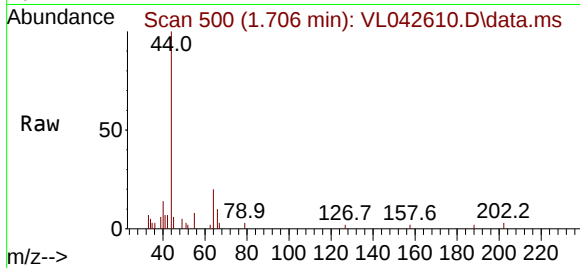




#7
Chloroethane
Concen: 0.168 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

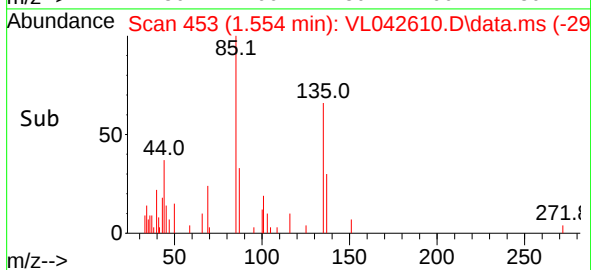
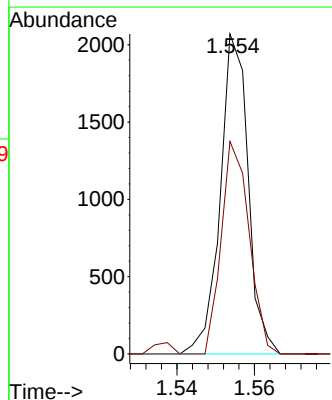
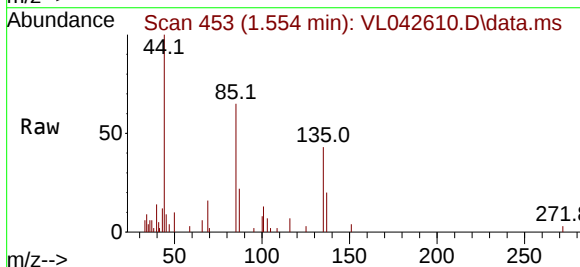
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2025

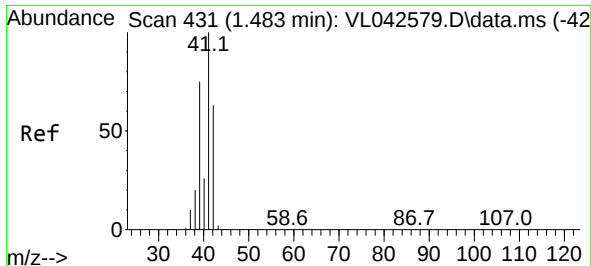
Tgt Ion: 64 Resp: 326
Ion Ratio Lower Upper
64 100
66 61.5 24.3 36.5#



#8
Dichlorotetrafluoroethane
Concen: 0.100 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 85 Resp: 1032
Ion Ratio Lower Upper
85 100
135 69.1 50.2 75.4





#9

Propene

Concen: 0.125 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

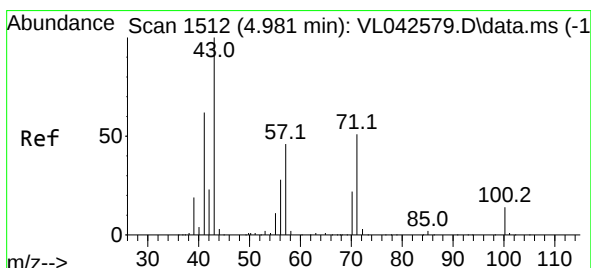
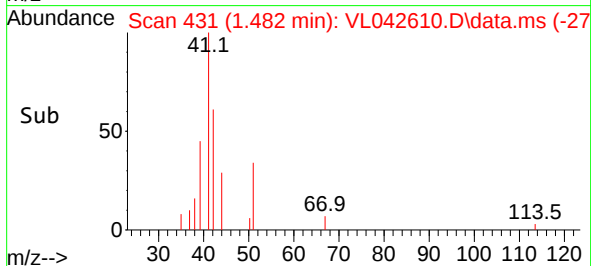
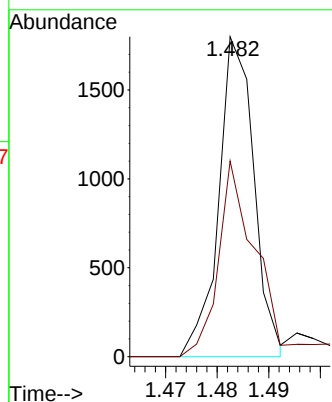
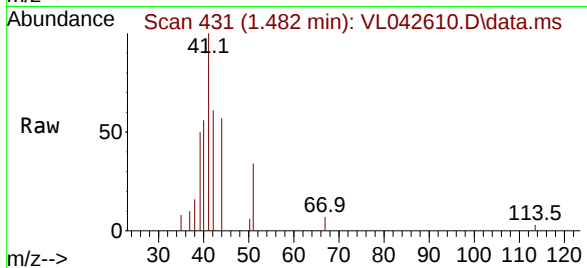
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 41 Resp: 855

Ion Ratio Lower Upper

41 100

42 74.4 53.3 79.9



#10

Heptane

Concen: 0.051 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. -0.003 min

Lab File: VL042610.D

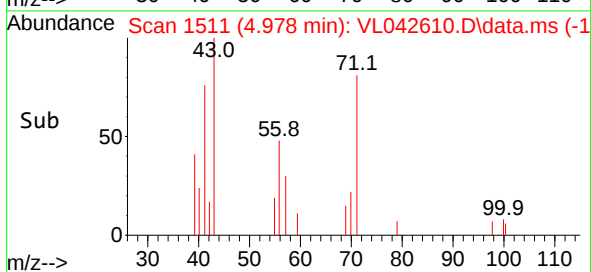
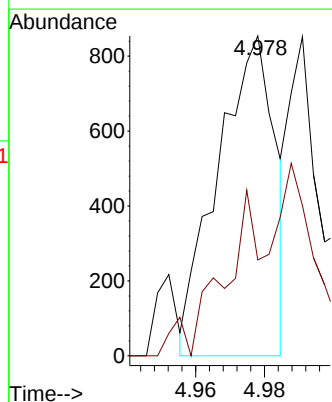
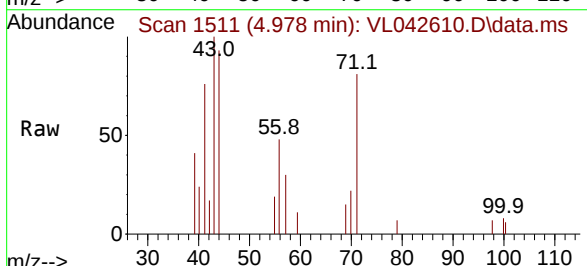
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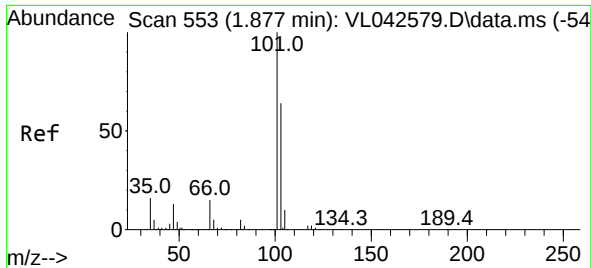
Tgt Ion: 43 Resp: 987

Ion Ratio Lower Upper

43 100

57 0.0 38.9 58.3#

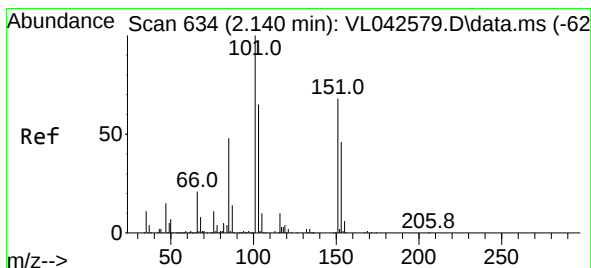
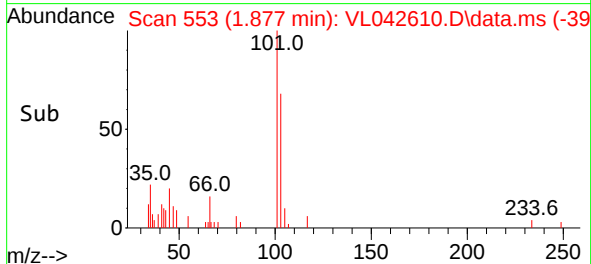
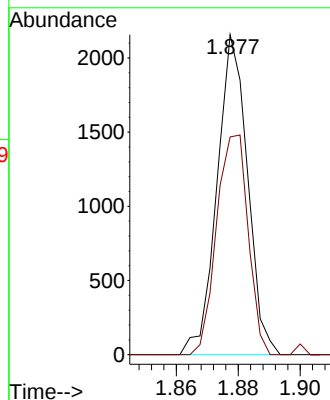
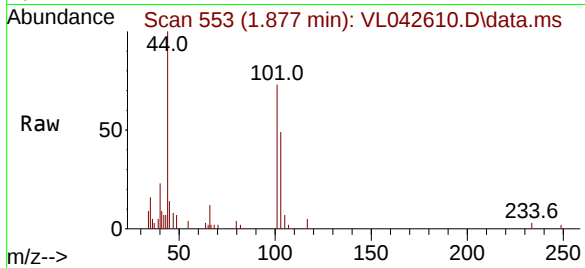




#11
 Trichlorofluoromethane
 Concen: 0.128 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

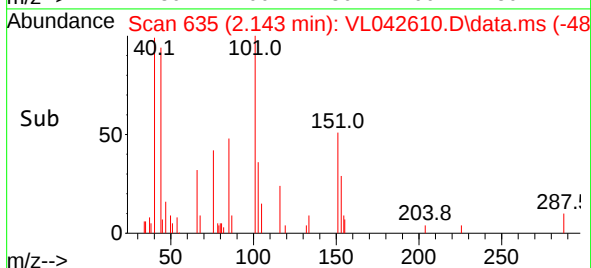
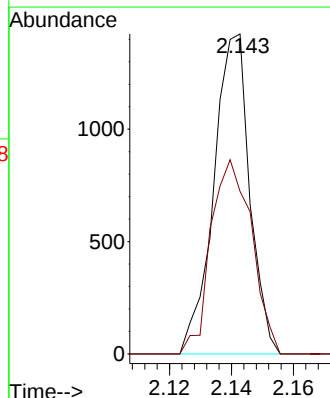
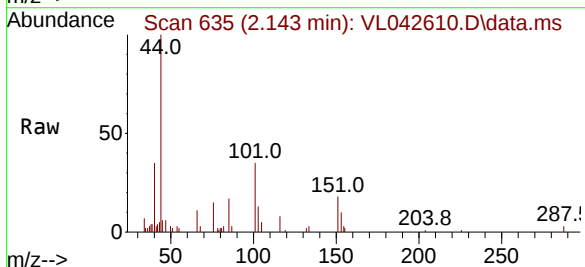
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

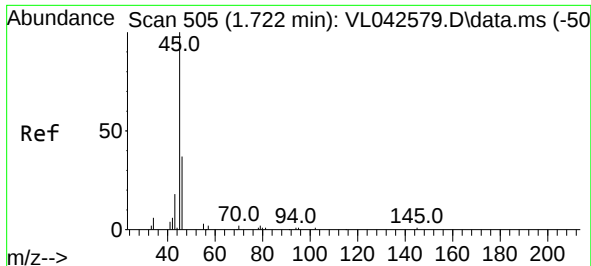
Tgt Ion:101 Resp: 1474
 Ion Ratio Lower Upper
 101 100
 103 68.1 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.127 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.003 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

Tgt Ion:101 Resp: 1150
 Ion Ratio Lower Upper
 101 100
 151 68.9 55.3 82.9

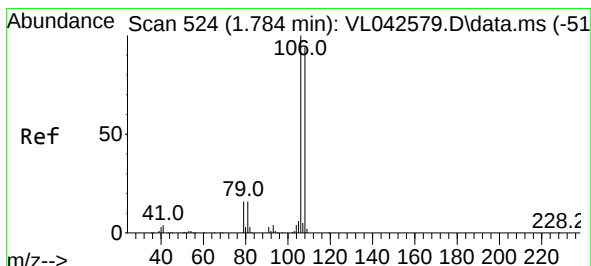
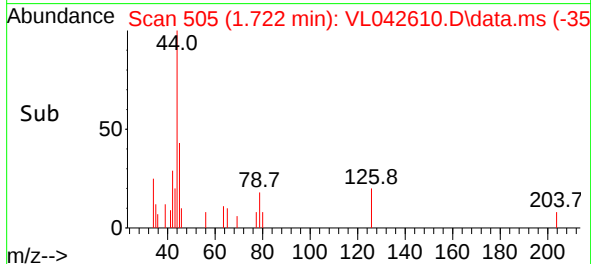
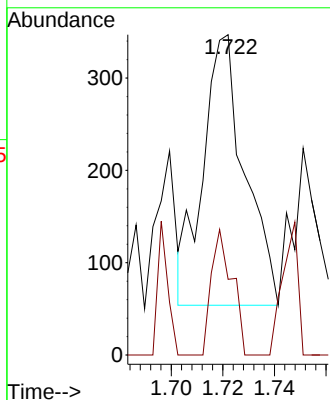
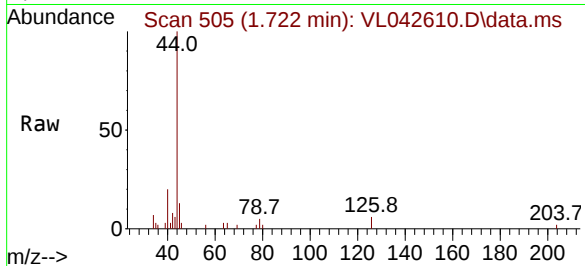




#13
Ethanol
Concen: 0.404 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

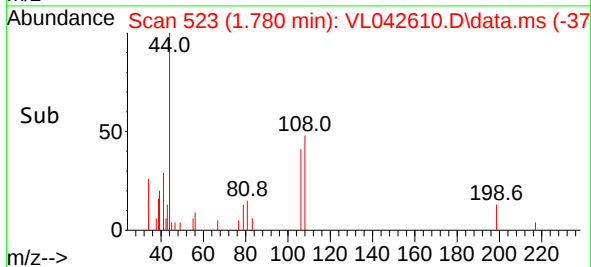
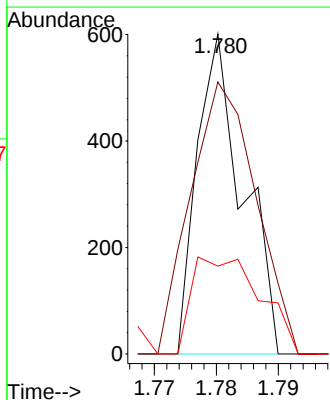
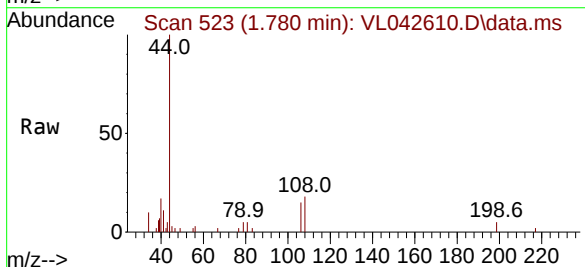
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2025

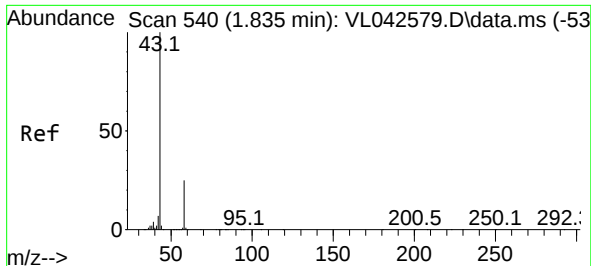
Tgt Ion: 45 Resp: 330
Ion Ratio Lower Upper
45 100
46 0.0 14.5 58.1#



#14
Bromoethene
Concen: 0.091 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 108 Resp: 308
Ion Ratio Lower Upper
108 100
106 121.8 87.9 131.9
79 48.7 15.6 23.4#

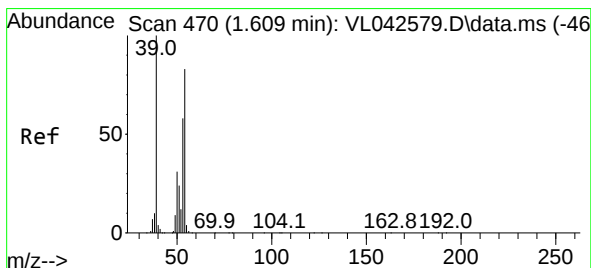
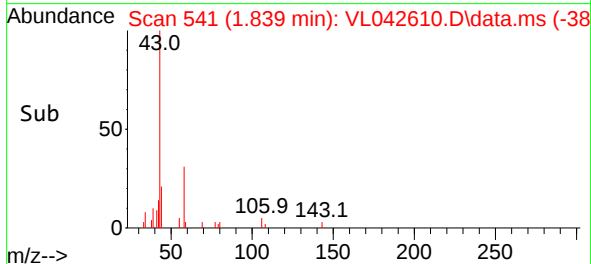
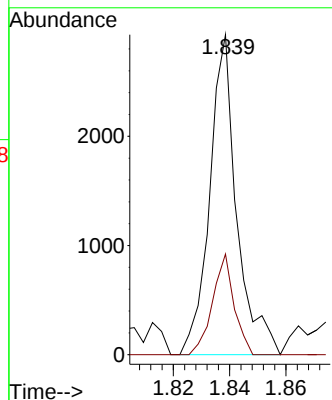
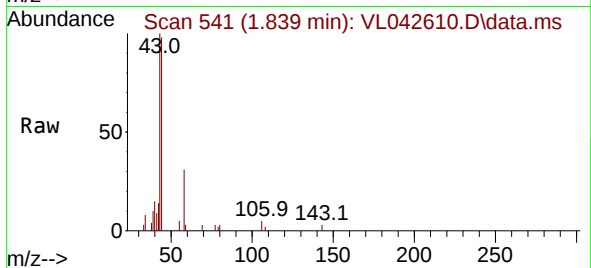




#15
Acetone
Concen: 0.161 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

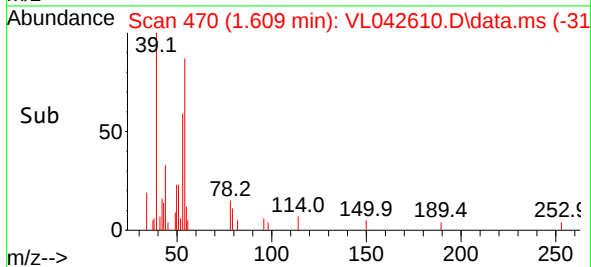
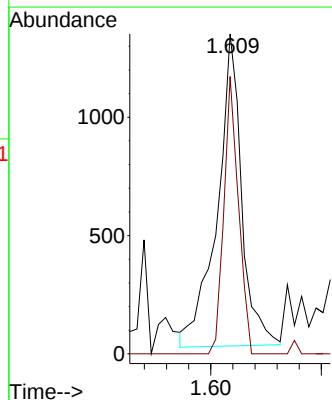
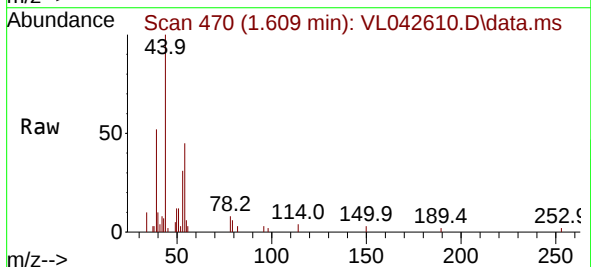
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 43 Resp: 1953
Ion Ratio Lower Upper
43 100
58 25.0 21.0 31.4



#16
1,3-Butadiene
Concen: 0.176 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 39 Resp: 1011
Ion Ratio Lower Upper
39 100
54 53.1 57.9 86.9#





#17

tert-Butyl alcohol

Concen: 0.116 ppbv

RT: 2.046 min Scan# 60

Delta R.T. 0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_1

ClientSampleId :

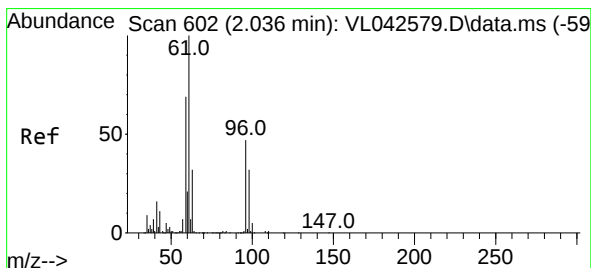
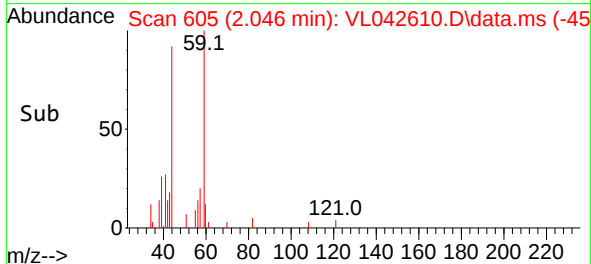
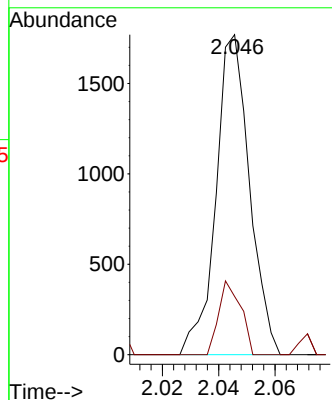
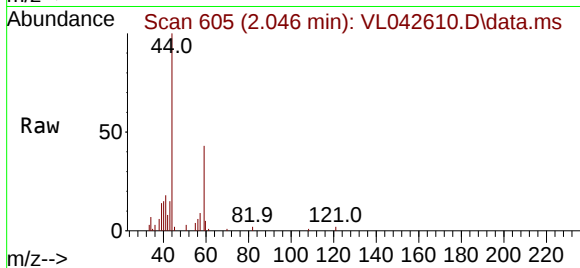
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 59 Resp: 1466

Ion Ratio Lower Upper

59 100

57 15.1 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 0.115 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

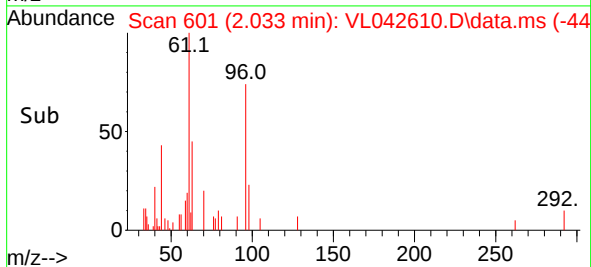
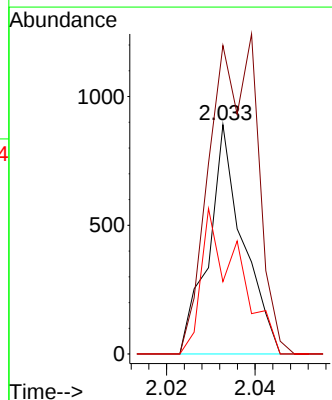
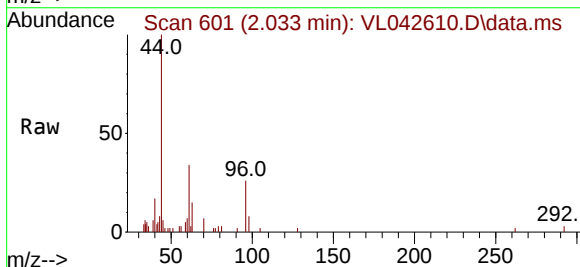
Tgt Ion: 96 Resp: 481

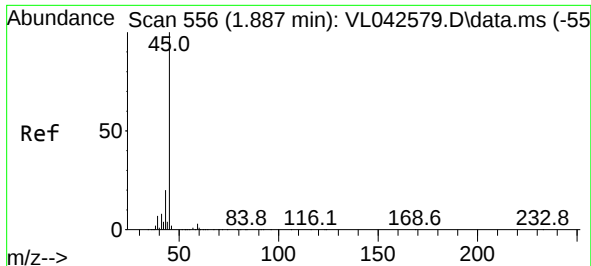
Ion Ratio Lower Upper

96 100

61 134.5 171.1 256.7#

98 31.5 54.4 81.6#

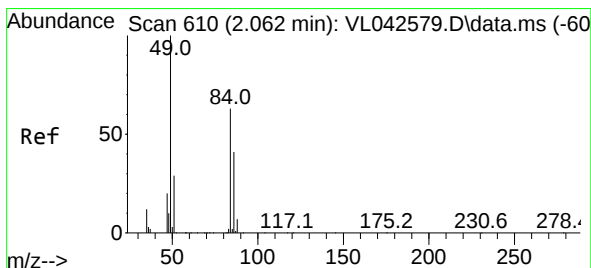
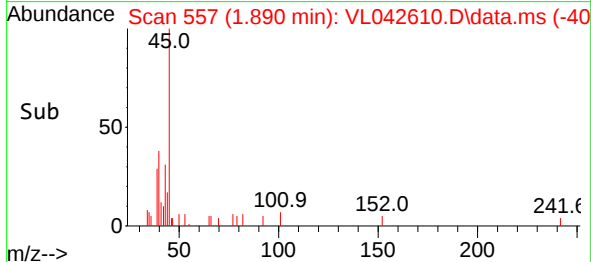
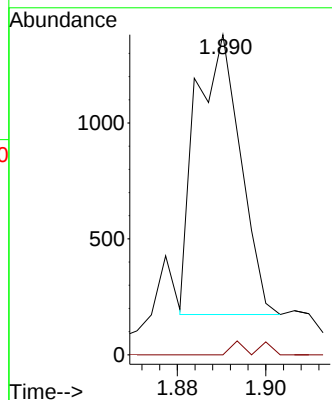
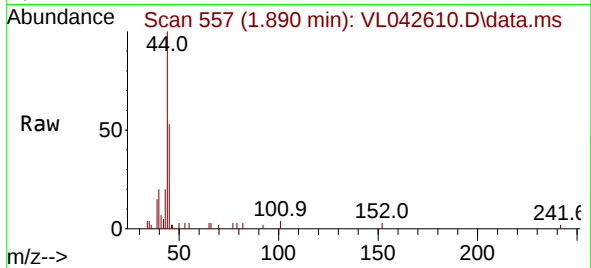




#19
Isopropyl Alcohol
Concen: 0.116 ppbv
RT: 1.890 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

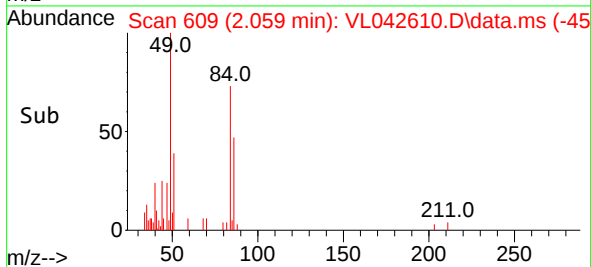
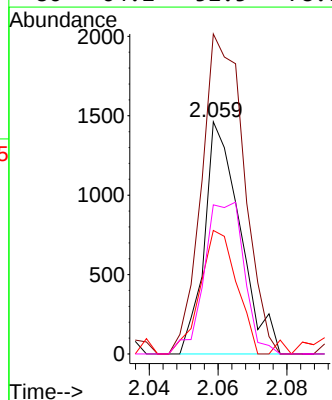
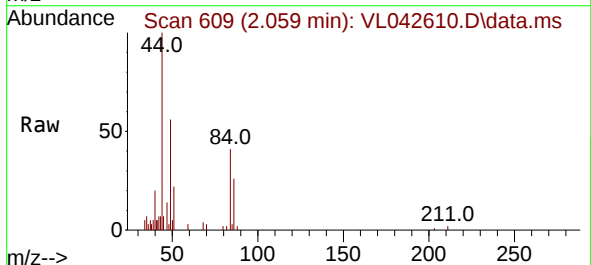
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

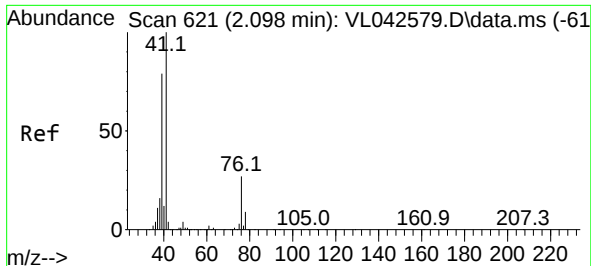
Tgt Ion: 45 Resp: 843
Ion Ratio Lower Upper
45 100
58 58.0 29.4 44.2#



#20
Methylene Chloride
Concen: 0.263 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 84 Resp: 1051
Ion Ratio Lower Upper
84 100
49 137.8 128.8 193.2
51 47.3 38.6 57.8
86 64.2 52.5 78.7

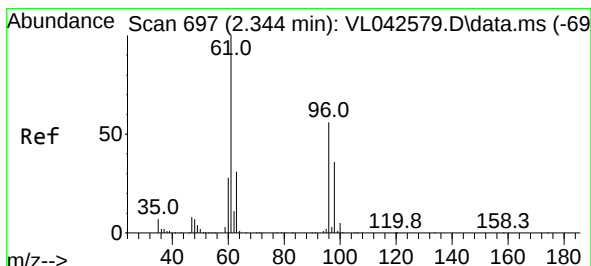
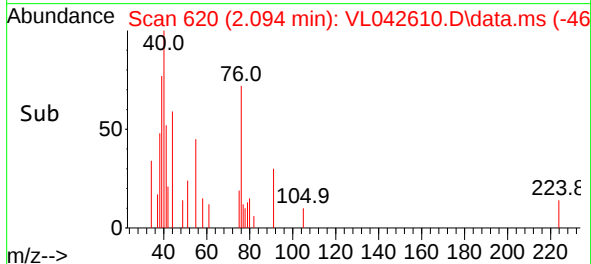
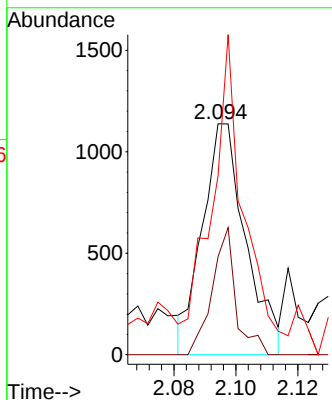
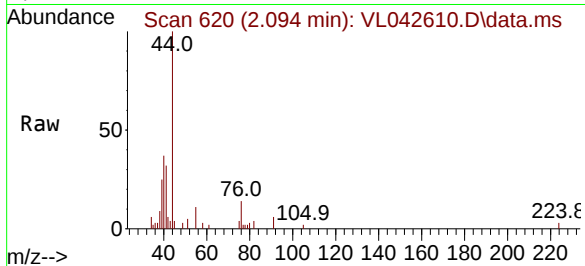




#21
 Allyl Chloride
 Concen: 0.130 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

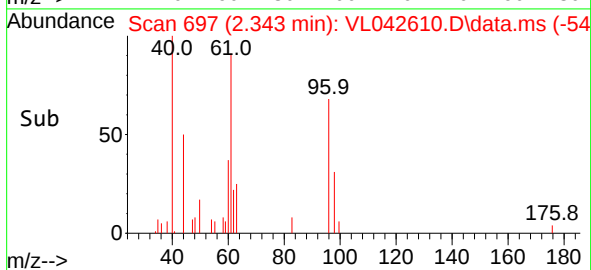
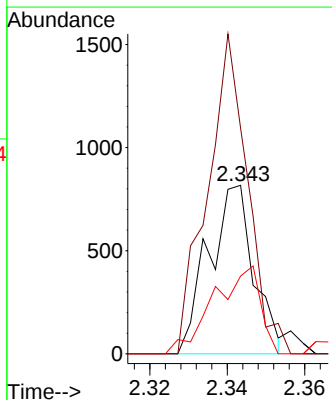
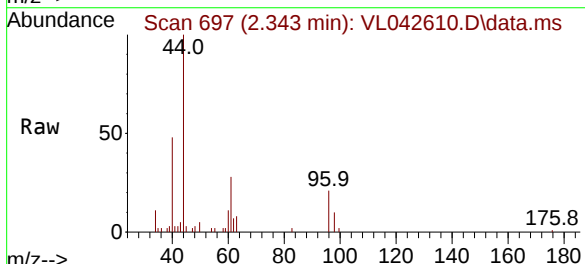
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

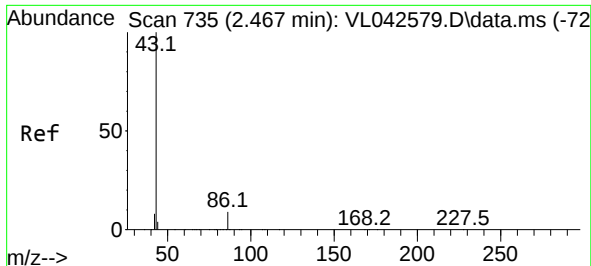
Tgt Ion: 41 Resp: 1108
 Ion Ratio Lower Upper
 41 100
 76 30.1 21.2 31.8
 39 136.8 60.9 91.3#



#22
 trans-1,2-Dichloroethene
 Concen: 0.142 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

Tgt Ion: 96 Resp: 664
 Ion Ratio Lower Upper
 96 100
 61 133.9 142.6 214.0#
 98 46.1 51.0 76.4#

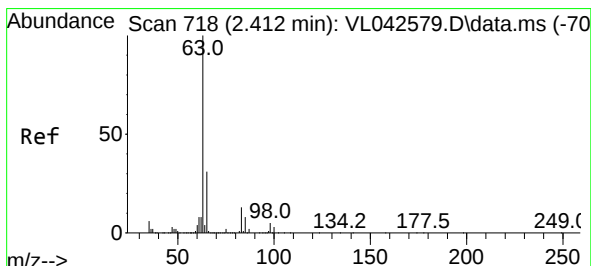
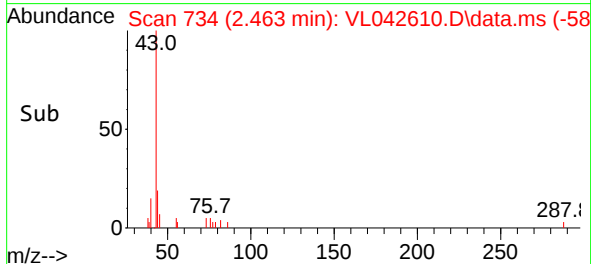
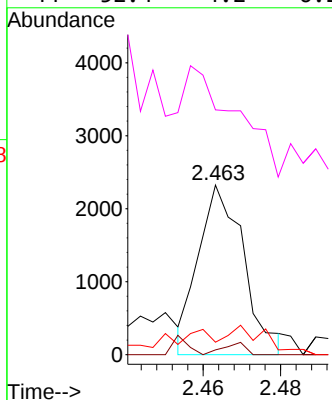
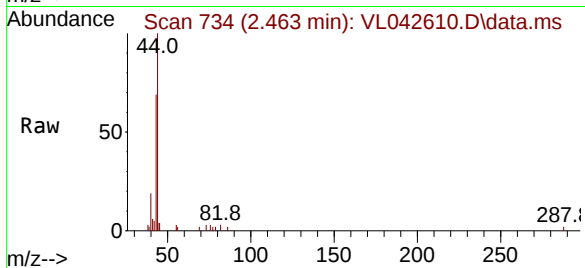




#23
 Vinyl Acetate
 Concen: 0.115 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

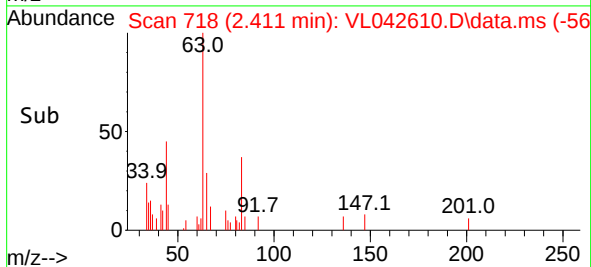
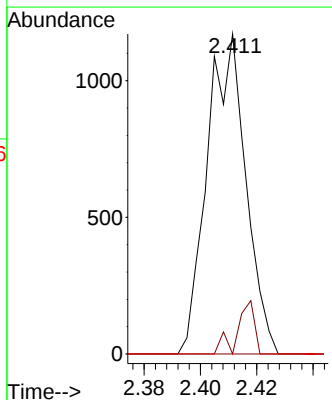
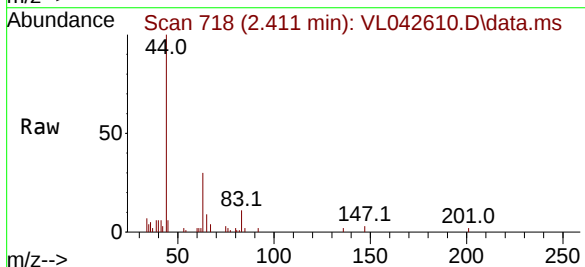
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

Tgt Ion:	43	Resp:	1882
Ion	Ratio	Lower	Upper
43	100		
86	3.2	6.6	9.8#
42	5.2	7.0	10.4#
44	52.4	4.2	6.2#



#24
 1,1-Dichloroethane
 Concen: 0.116 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

Tgt Ion:	63	Resp:	1114
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.4	7.1#
100	0.0	1.4	4.0#

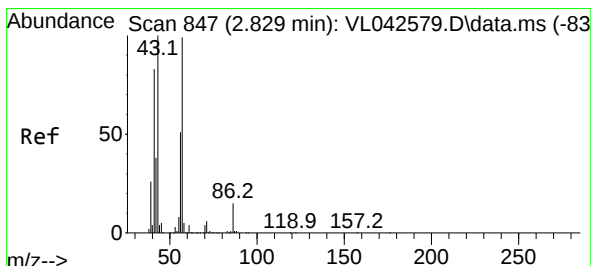
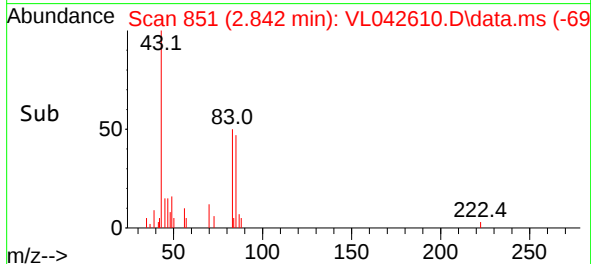
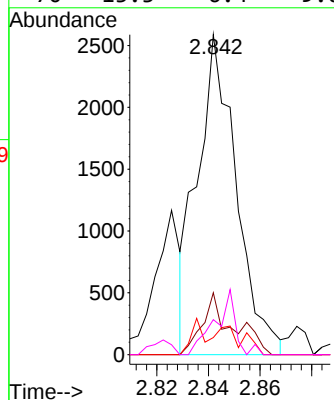
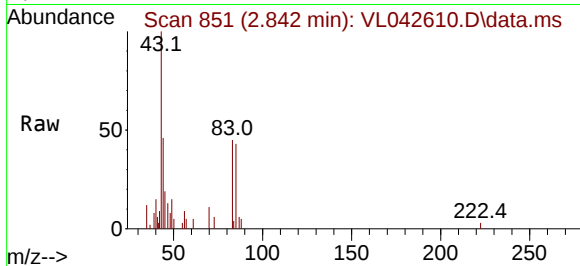




#25
Ethyl Acetate
Concen: 0.082 ppbv
RT: 2.842 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

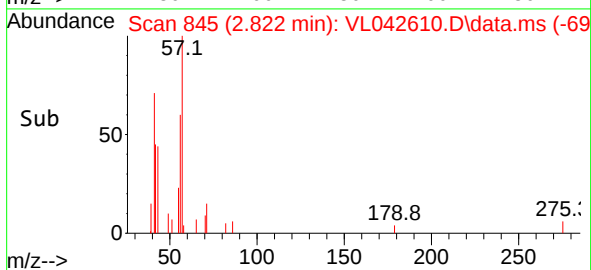
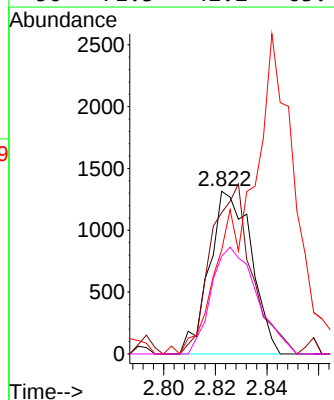
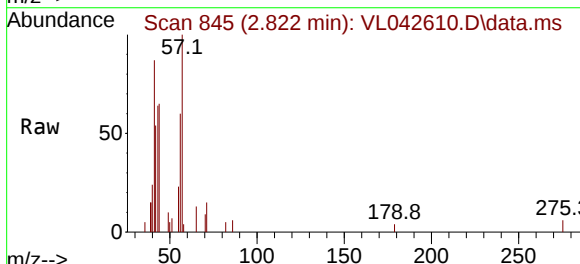
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

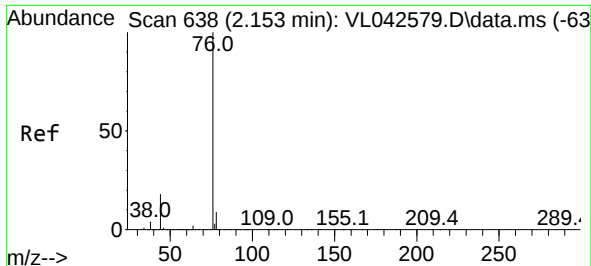
Tgt Ion: 43	Resp: 2707
Ion Ratio	Lower Upper
43 100	
45 15.2	8.2 12.2#
61 10.0	7.1 10.7
70 13.3	6.4 9.6#



#26
Hexane
Concen: 0.098 ppbv
RT: 2.822 min Scan# 845
Delta R.T. -0.007 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 57	Resp: 1483
Ion Ratio	Lower Upper
57 100	
41 107.4	70.6 106.0#
43 251.7	181.1 271.7
56 71.3	42.2 63.4#

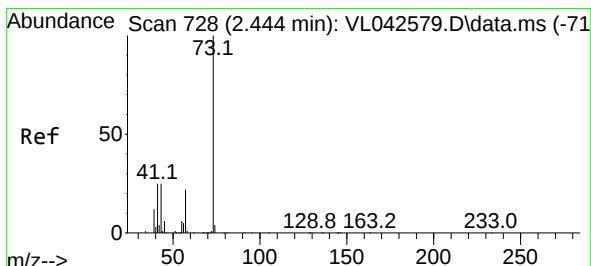
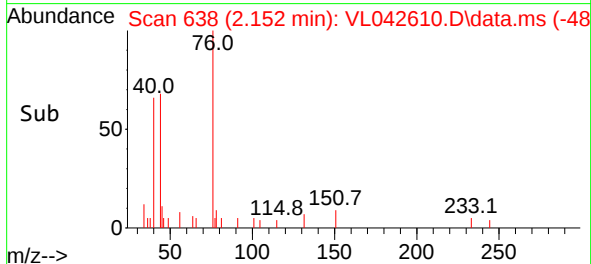
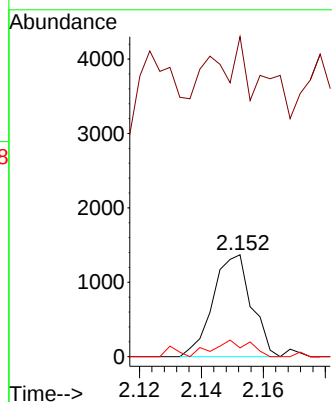
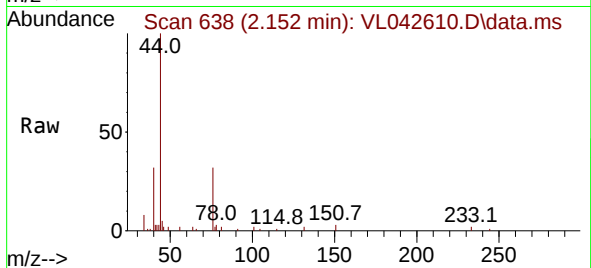




#27
Carbon Disulfide
Concen: 0.102 ppbv
RT: 2.152 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

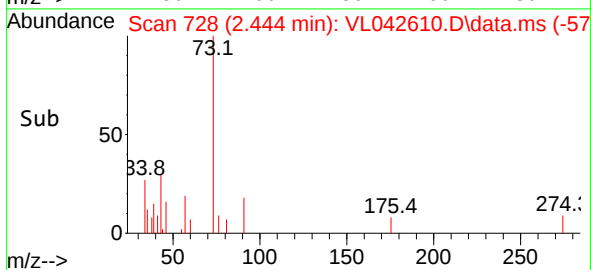
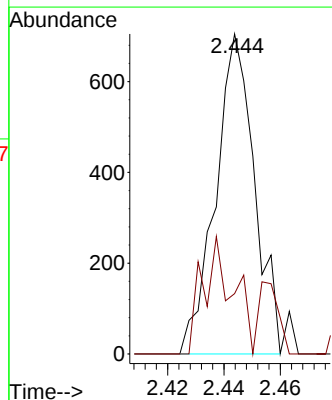
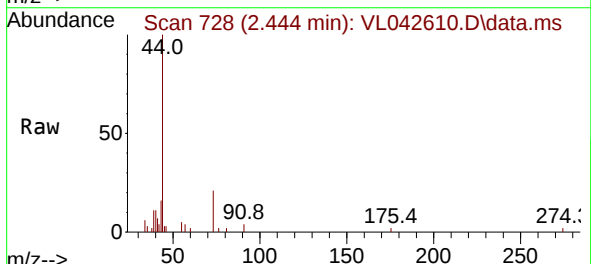
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

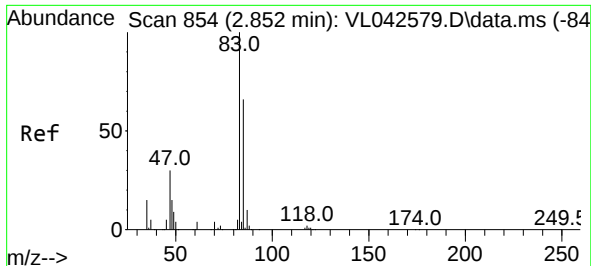
Tgt Ion: 76 Resp: 1184
Ion Ratio Lower Upper
76 100
44 302.5 21.3 31.9#
78 19.9 9.4 14.0#



#28
Methyl tert-Butyl Ether
Concen: 0.111 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 73 Resp: 677
Ion Ratio Lower Upper
73 100
57 39.7 19.9 29.9#





#29

Chloroform

Concen: 0.119 ppbv

RT: 2.852 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL042610.D

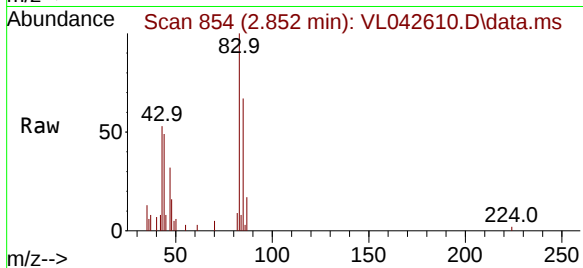
Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

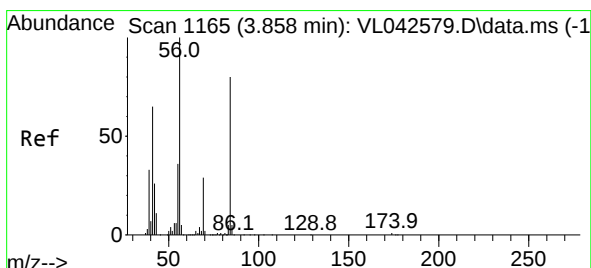
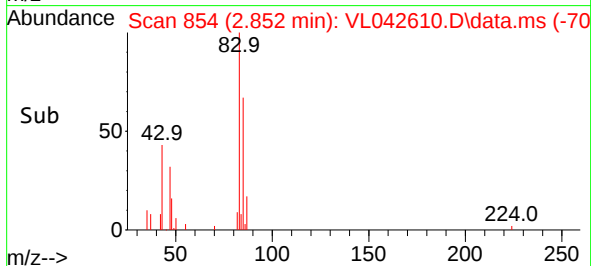
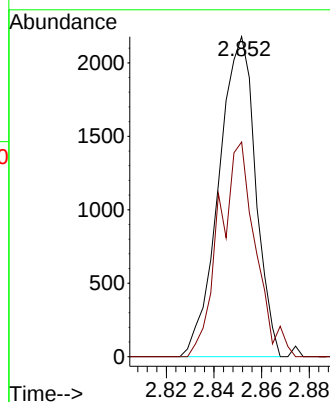


Tgt Ion: 83 Resp: 2337

Ion Ratio Lower Upper

83 100

85 67.1 52.8 79.2



#30

Cyclohexane

Concen: 0.033 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

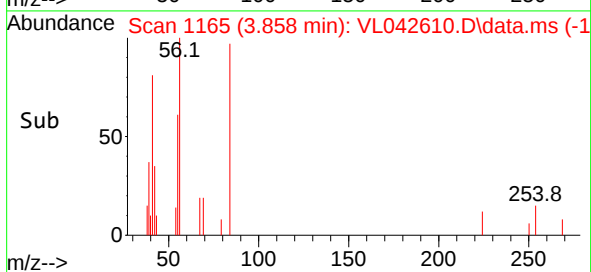
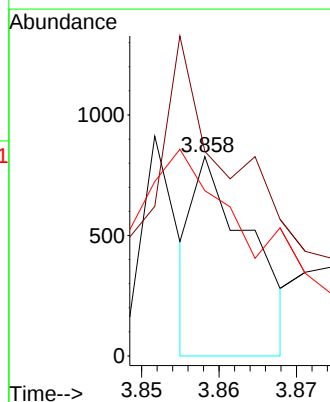
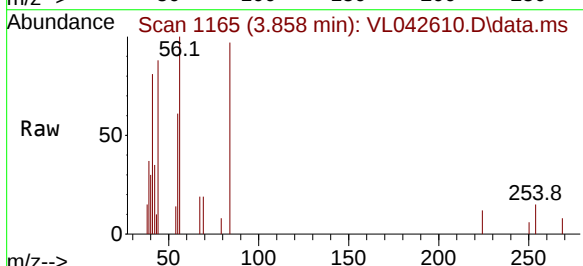
Tgt Ion: 84 Resp: 418

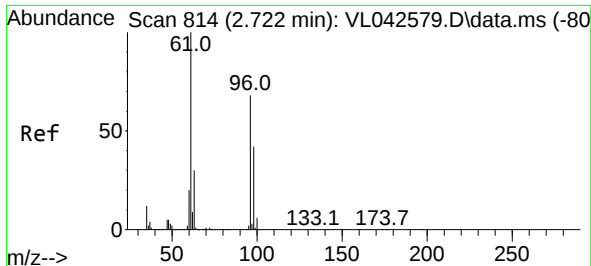
Ion Ratio Lower Upper

84 100

56 340.9 103.7 155.5#

41 311.7 65.1 97.7#

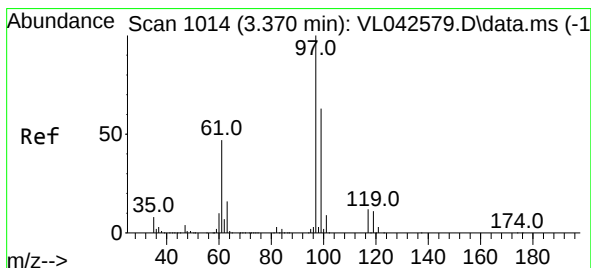
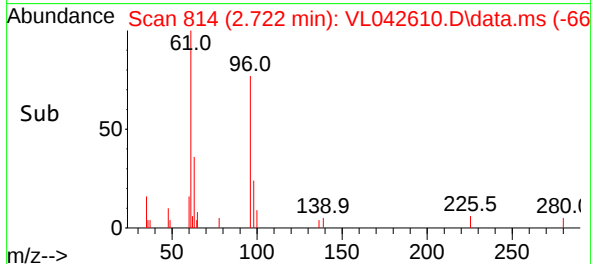
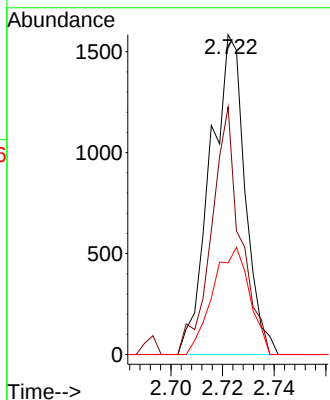
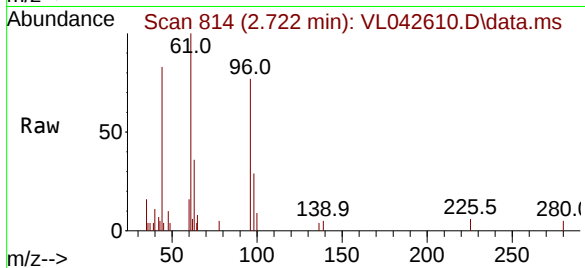




#31
 cis-1,2-Dichloroethene
 Concen: 0.108 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

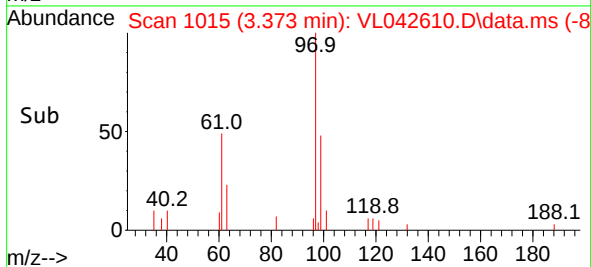
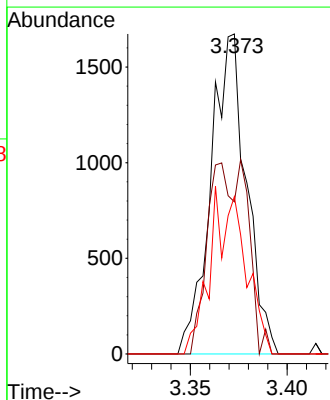
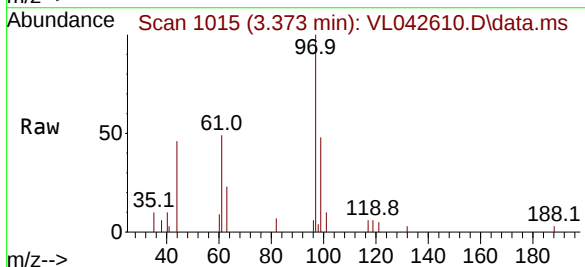
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

Tgt Ion:	61	Resp:	1482
Ion	Ratio	Lower	Upper
61	100		
96	77.5	54.5	81.7
98	28.7	33.4	50.2



#32
 1,1,1-Trichloroethane
 Concen: 0.107 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.003 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

Tgt Ion:	97	Resp:	2138
Ion	Ratio	Lower	Upper
97	100		
99	66.7	51.0	76.6
61	50.5	39.4	59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

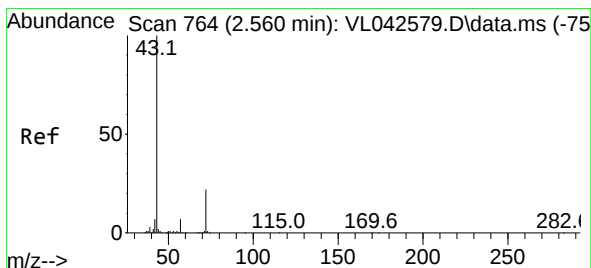
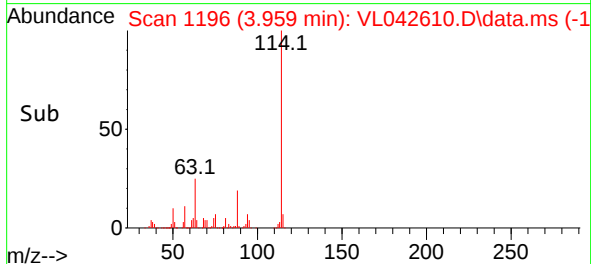
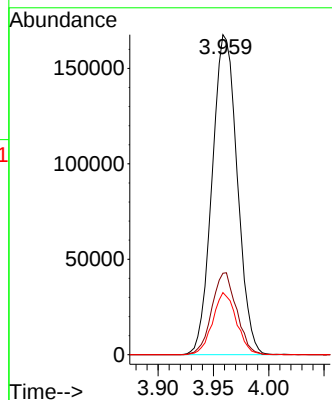
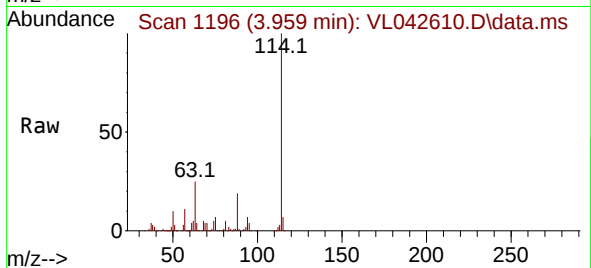
Tgt Ion:114 Resp: 265187

Ion Ratio Lower Upper

114 100

63 25.2 19.0 28.6

88 18.4 13.6 20.4



#34

2-Butanone

Concen: 0.141 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.006 min

Lab File: VL042610.D

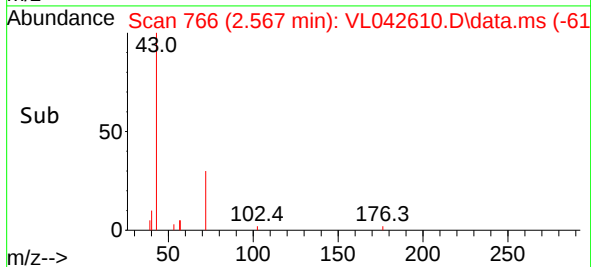
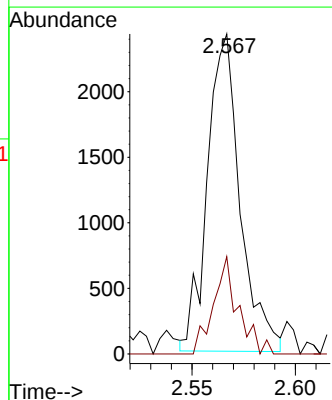
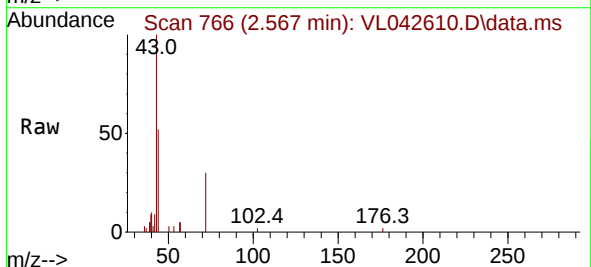
Acq: 03 Jun 2025 14:40

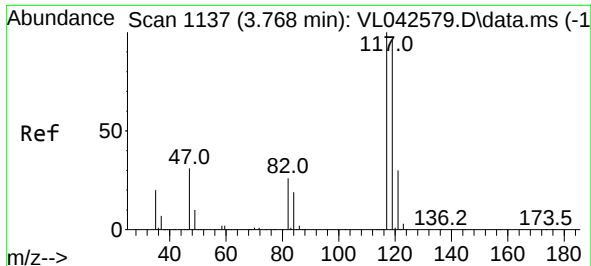
Tgt Ion: 43 Resp: 2664

Ion Ratio Lower Upper

43 100

72 23.2 17.7 26.5

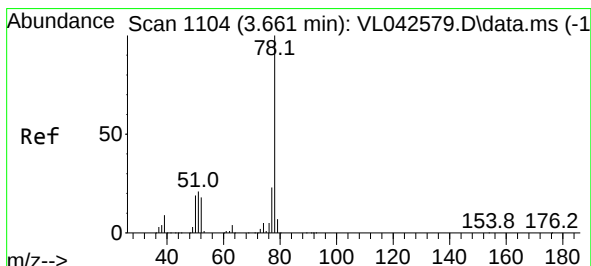
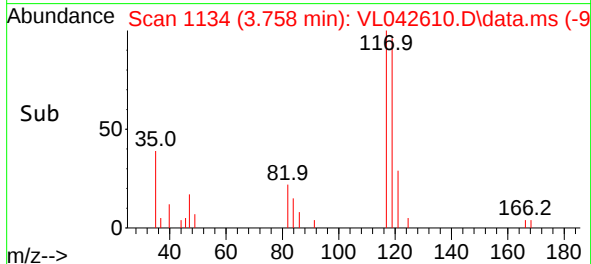
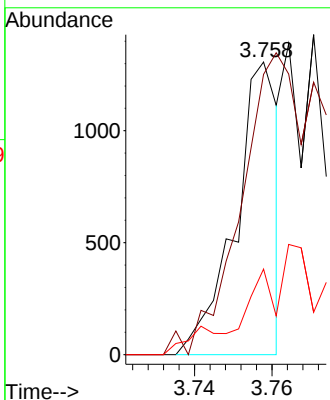
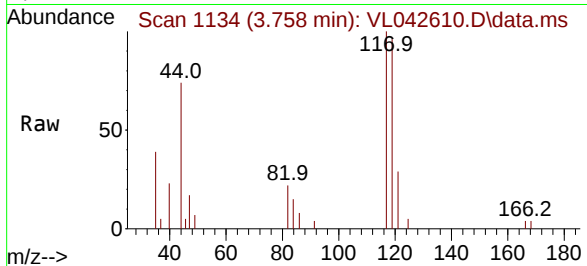




#35
Carbon Tetrachloride
Concen: 0.057 ppbv
RT: 3.758 min Scan# 1137
Delta R.T. -0.010 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

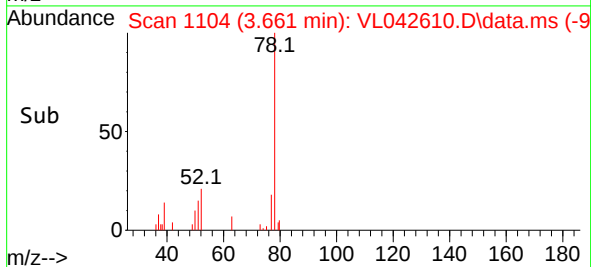
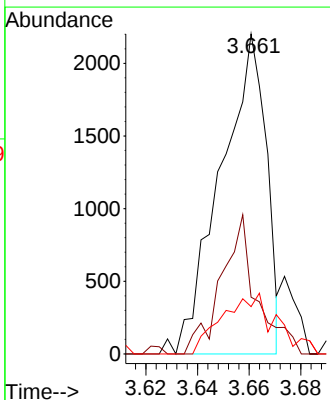
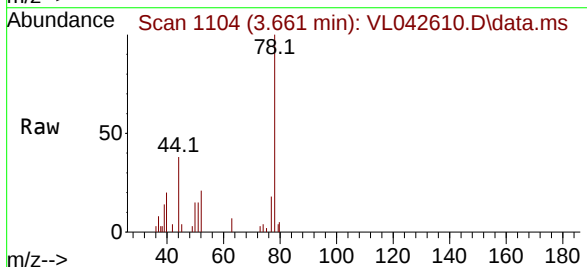
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

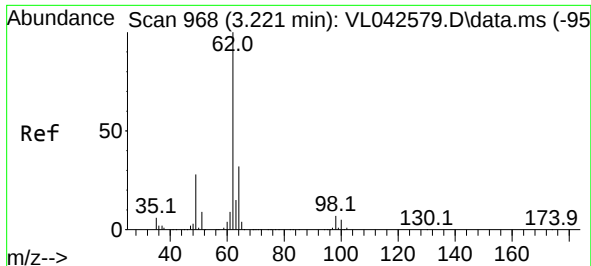
Tgt Ion:117 Resp: 998
Ion Ratio Lower Upper
117 100
119 87.7 76.8 115.2
121 25.4 24.3 36.5



#36
Benzene
Concen: 0.103 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 78 Resp: 2684
Ion Ratio Lower Upper
78 100
77 17.8 18.2 27.2#
50 14.8 15.2 22.8#

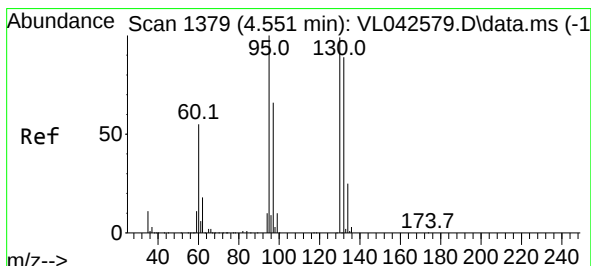
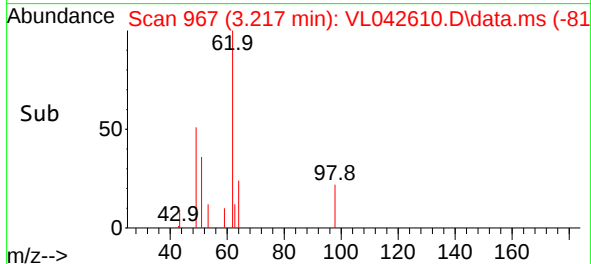
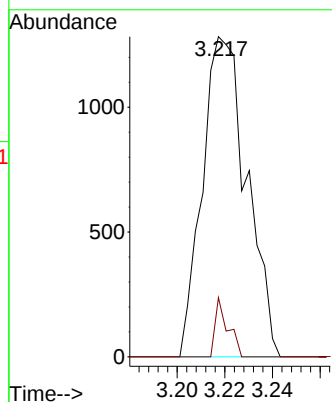
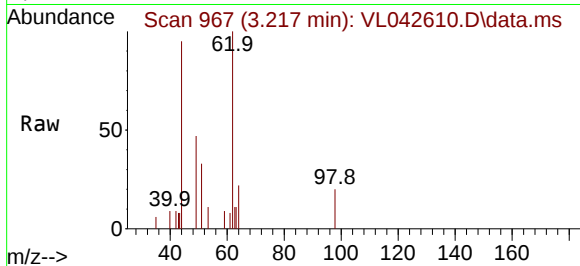




#37
1,2-Dichloroethane
Concen: 0.128 ppbv
RT: 3.217 min Scan# 967
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

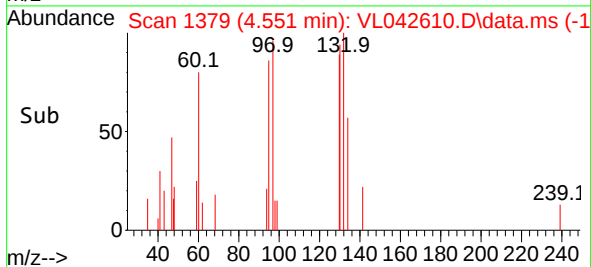
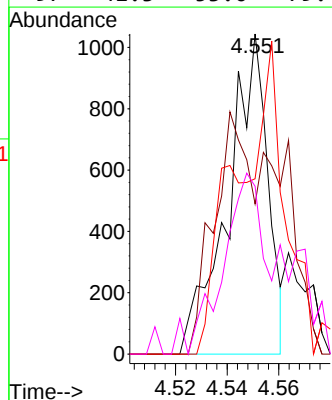
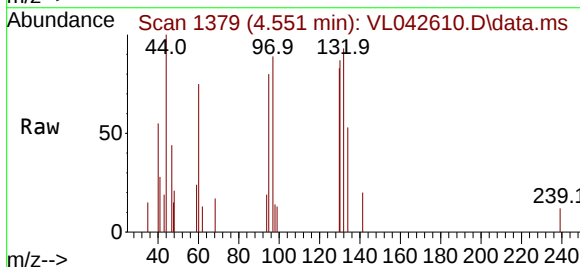
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2025

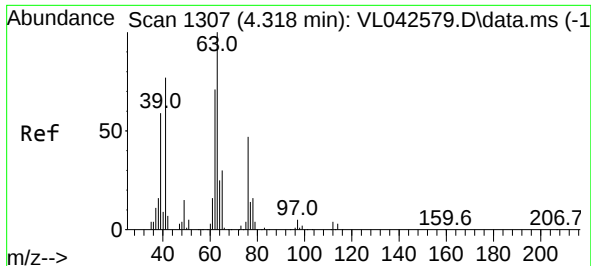
Tgt Ion: 62 Resp: 1661
Ion Ratio Lower Upper
62 100
98 5.2 6.1 9.1#



#38
Trichloroethene
Concen: 0.101 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion:130 Resp: 1119
Ion Ratio Lower Upper
130 100
95 46.9 80.6 121.0#
132 54.8 71.8 107.6#
97 41.3 53.0 79.4#





#39

1,2-Dichloropropane

Concen: 0.080 ppbv

RT: 4.315 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

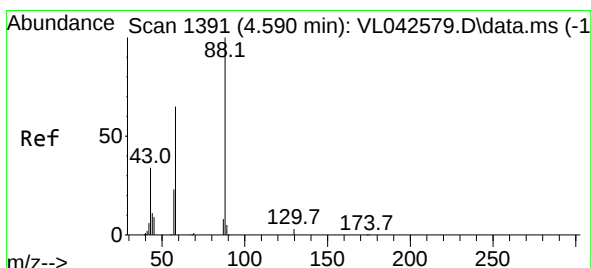
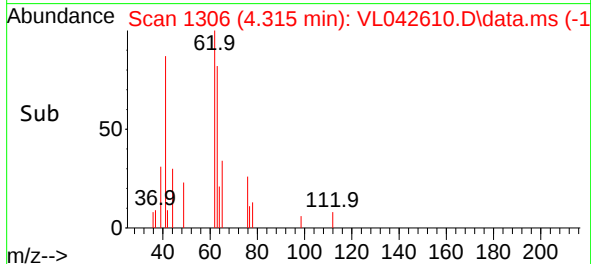
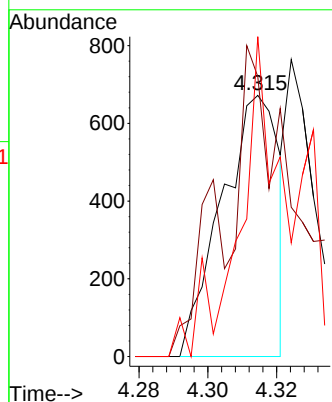
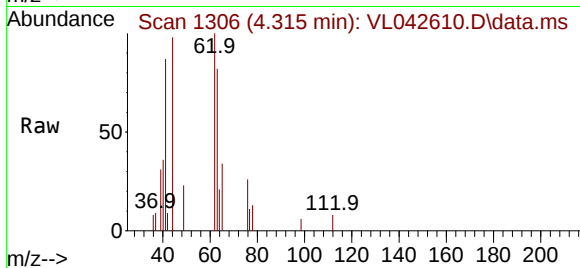
Tgt Ion: 63 Resp: 774

Ion Ratio Lower Upper

63 100

41 109.6 61.8 92.6#

62 123.6 56.6 85.0#



#40

1,4-Dioxane

Concen: 0.043 ppbv

RT: 4.625 min Scan# 1402

Delta R.T. 0.035 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Tgt Ion: 88 Resp: 186

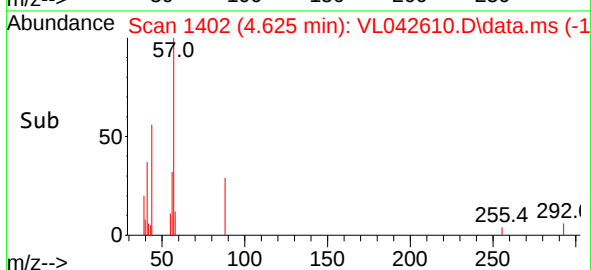
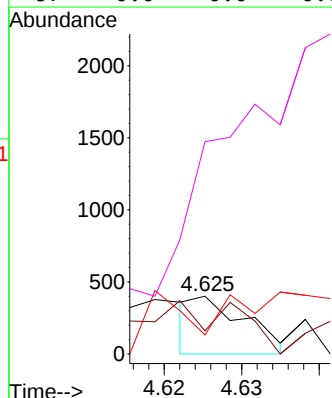
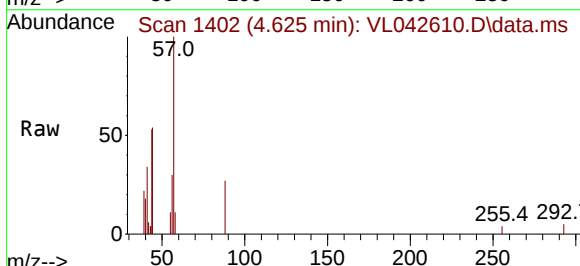
Ion Ratio Lower Upper

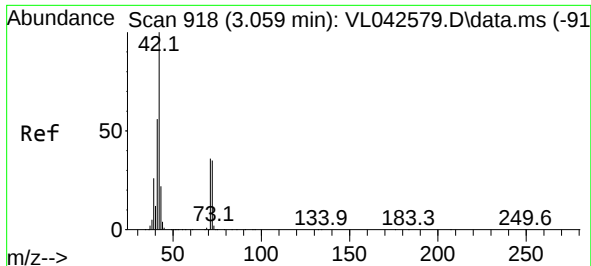
88 100

58 324.7 55.8 83.8#

43 0.0 24.8 37.2#

57 0.0 0.0 0.0

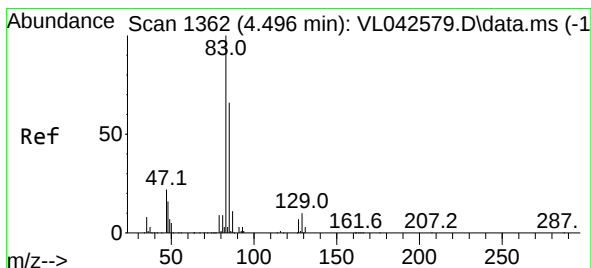
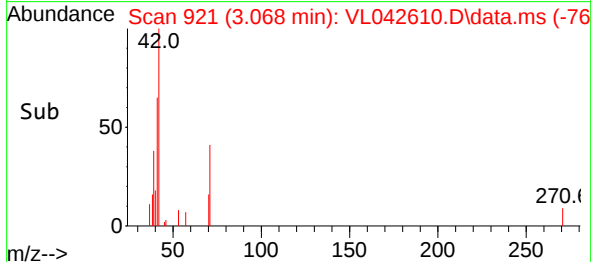
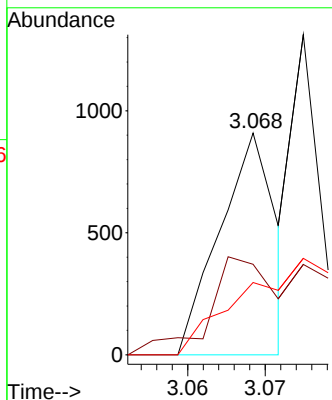
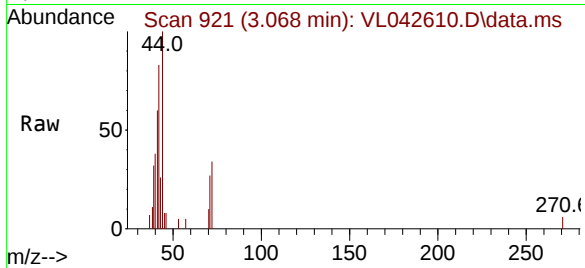




#41
Tetrahydrofuran
Concen: 0.041 ppbv
RT: 3.068 min Scan# 918
Delta R.T. 0.010 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

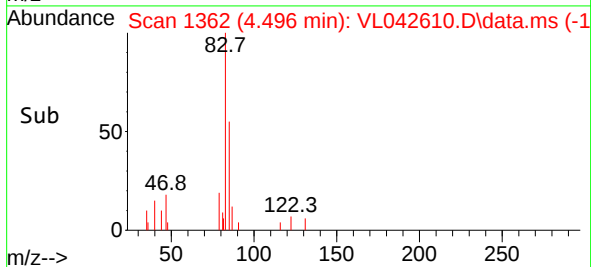
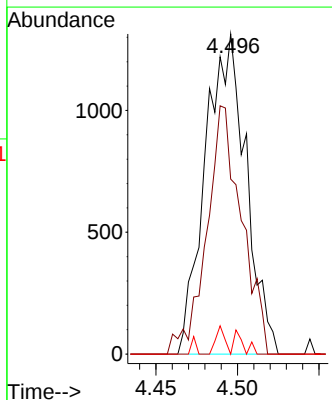
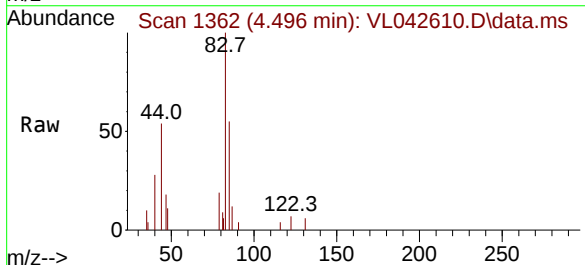
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

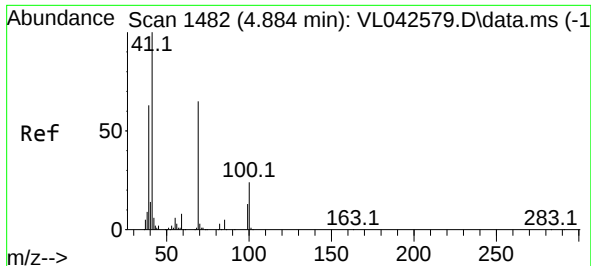
Tgt Ion: 42 Resp: 459
Ion Ratio Lower Upper
42 100
72 102.6 28.9 43.3#
71 0.0 28.5 42.7#



#42
Bromodichloromethane
Concen: 0.124 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 83 Resp: 2281
Ion Ratio Lower Upper
83 100
85 54.6 52.7 79.1
127 0.0 5.8 8.6#

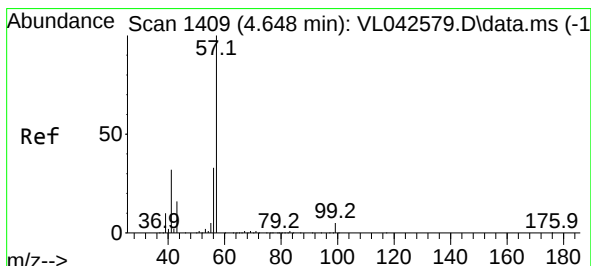
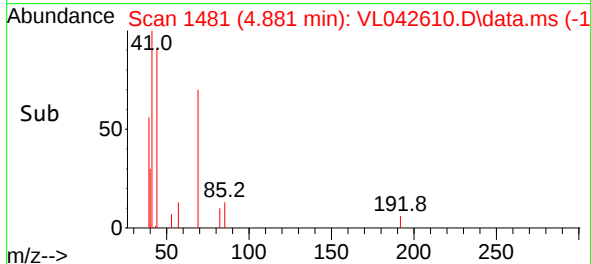
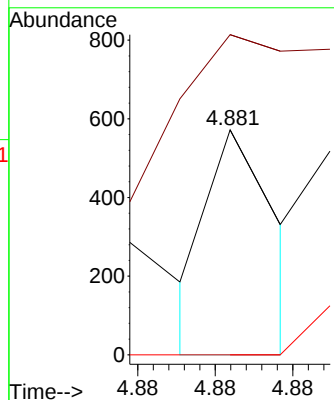
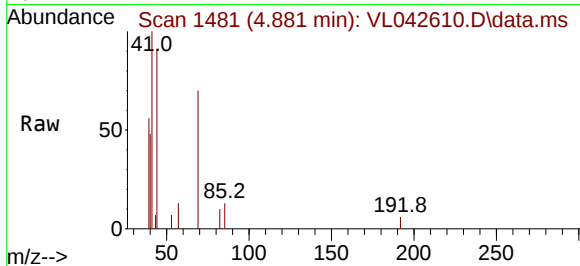




#43
Methyl Methacrylate
Concen: 0.017 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

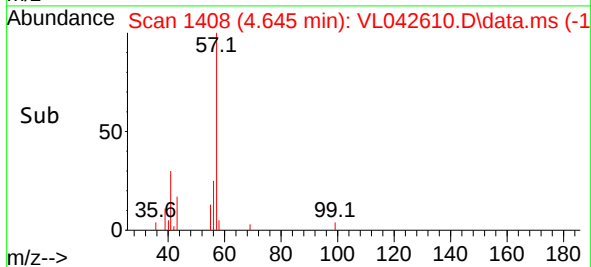
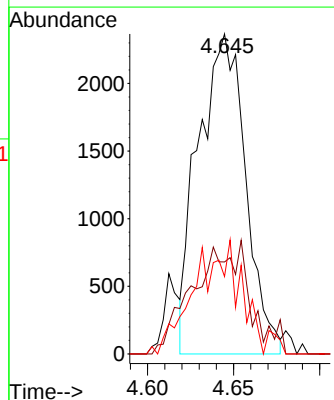
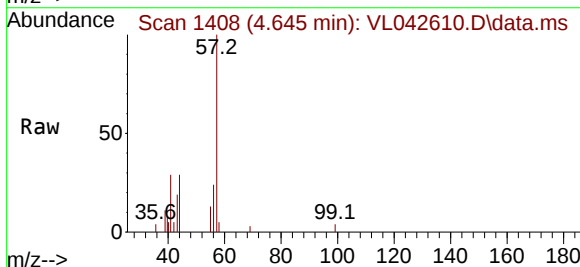
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

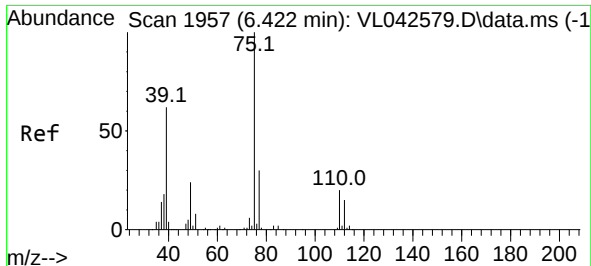
Tgt Ion: 69 Resp: 175
Ion Ratio Lower Upper
69 100
41 1049.1 124.6 187.0#
100 0.0 29.9 44.9#



#44
2,2,4-Trimethylpentane
Concen: 0.101 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 57 Resp: 4516
Ion Ratio Lower Upper
57 100
41 41.1 26.1 39.1#
56 36.2 25.9 38.9

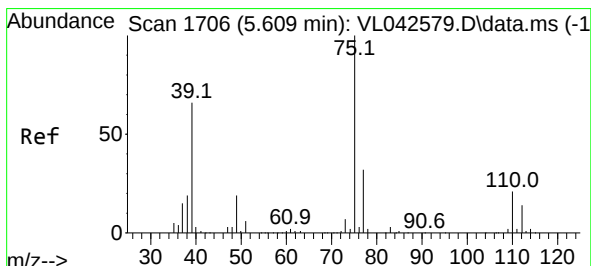
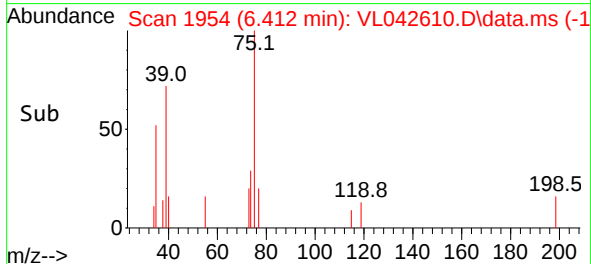
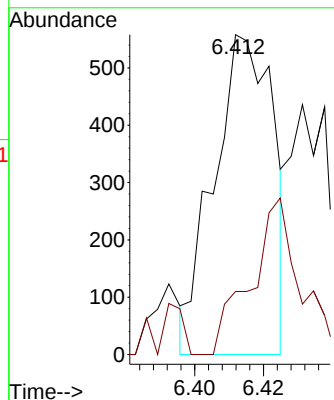
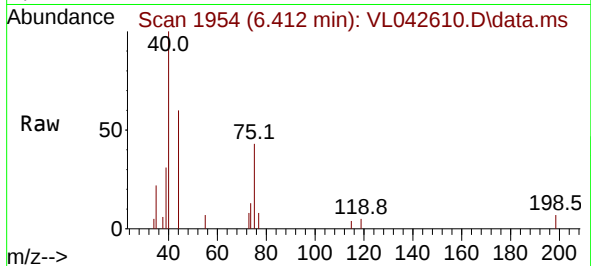




#45
 t-1,3-Dichloropropene
 Concen: 0.058 ppbv
 RT: 6.412 min Scan# 1954
 Delta R.T. -0.010 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

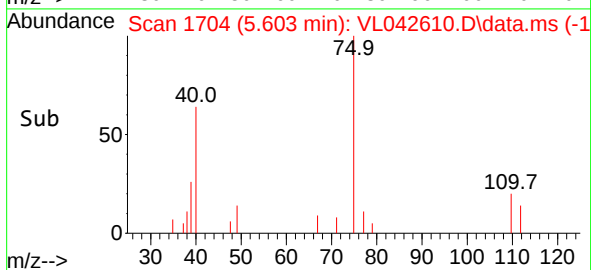
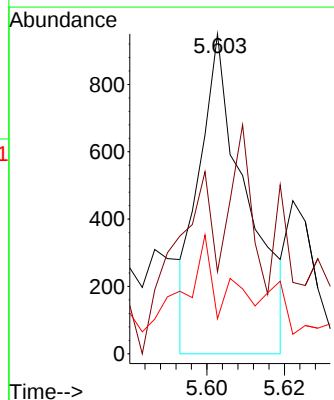
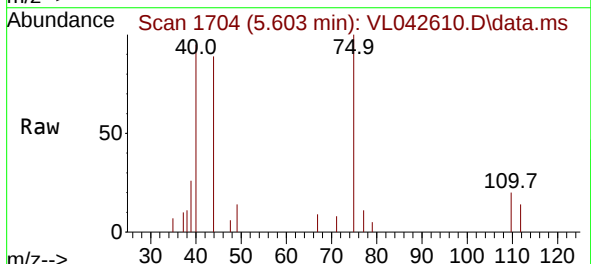
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

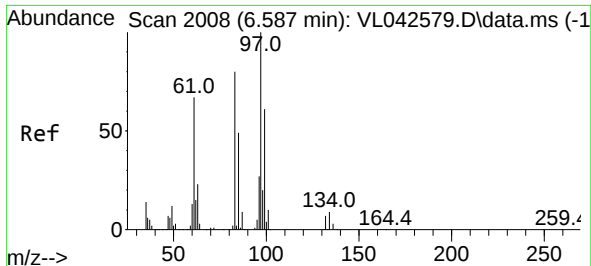
Tgt Ion: 75 Resp: 668
 Ion Ratio Lower Upper
 75 100
 77 19.7 24.2 36.2#



#46
 cis-1,3-Dichloropropene
 Concen: 0.055 ppbv
 RT: 5.603 min Scan# 1704
 Delta R.T. -0.007 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

Tgt Ion: 75 Resp: 798
 Ion Ratio Lower Upper
 75 100
 39 0.0 52.7 79.1#
 77 0.0 25.8 38.8#





#47

1,1,2-Trichloroethane

Concen: 0.028 ppbv

RT: 6.583 min Scan# 20

Delta R.T. -0.003 min

Lab File: VL042610.D

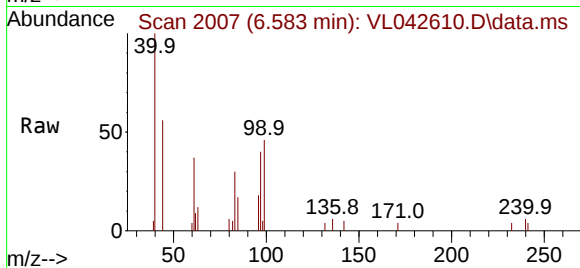
Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 97 Resp: 280

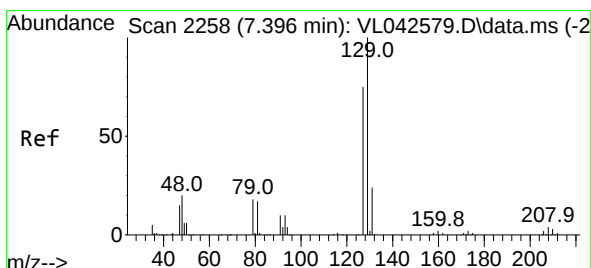
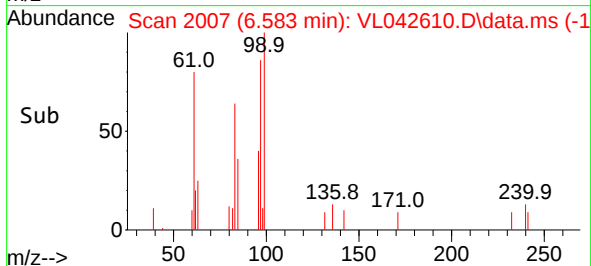
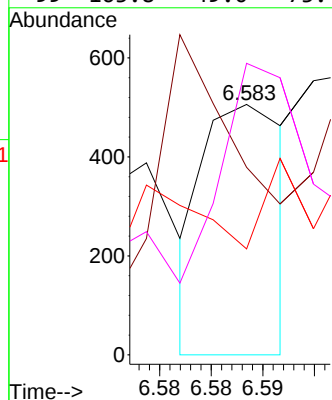
Ion Ratio Lower Upper

97 100

83 27.3 63.9 95.9#

85 0.0 39.2 58.8#

99 163.8 49.0 73.4#



#48

Dibromochloromethane

Concen: 0.061 ppbv

RT: 7.393 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VL042610.D

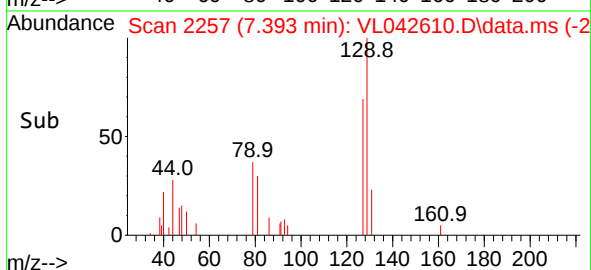
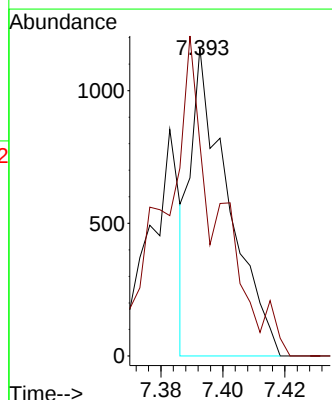
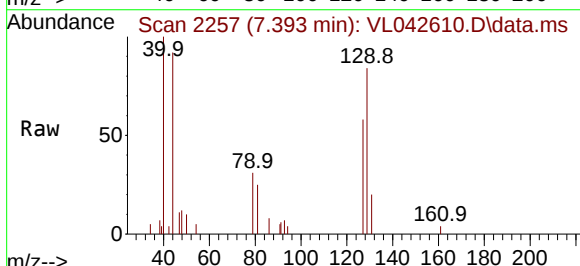
Acq: 03 Jun 2025 14:40

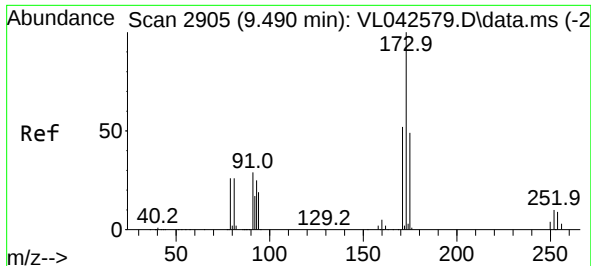
Tgt Ion: 129 Resp: 973

Ion Ratio Lower Upper

129 100

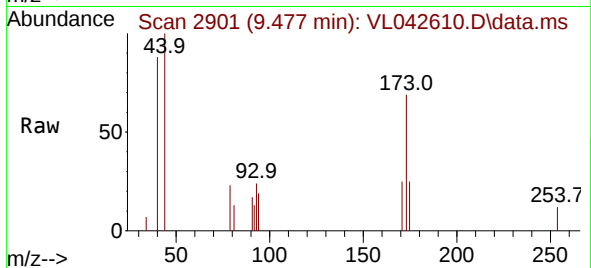
127 147.2 39.0 116.9#



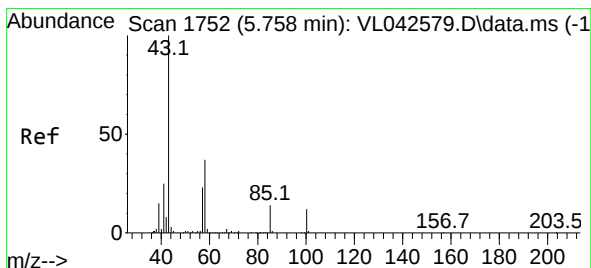
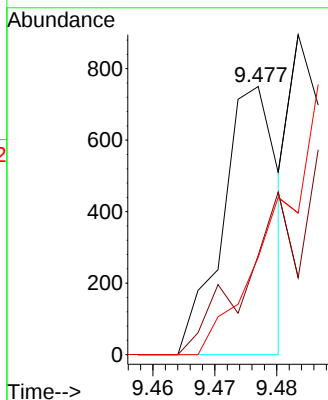
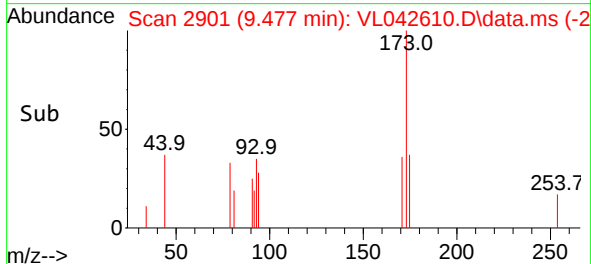


#49
Bromoform
Concen: 0.034 ppbv
RT: 9.477 min Scan# 2905
Delta R.T. -0.013 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

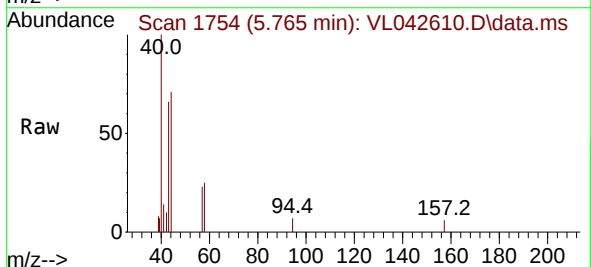
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



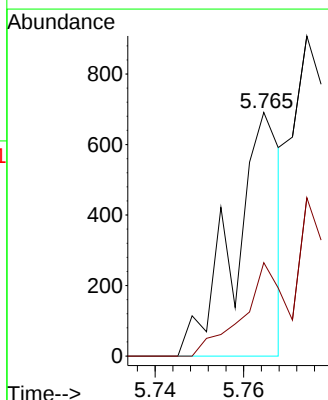
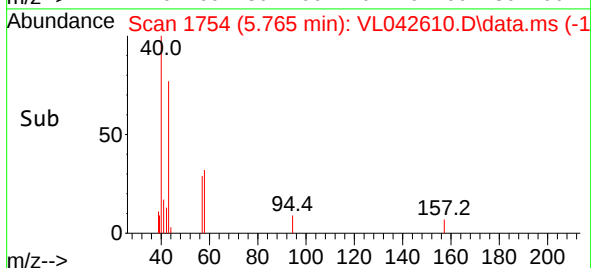
Tgt Ion:173 Resp: 464
Ion Ratio Lower Upper
173 100
175 0.0 38.7 58.1#
171 0.0 41.2 61.8#

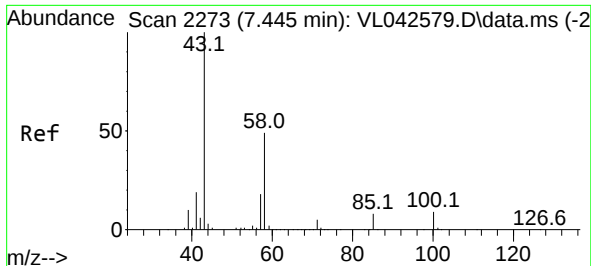


#50
4-Methyl-2-Pentanone
Concen: 0.019 ppbv
RT: 5.765 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40



Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
58 0.0 28.3 42.5#

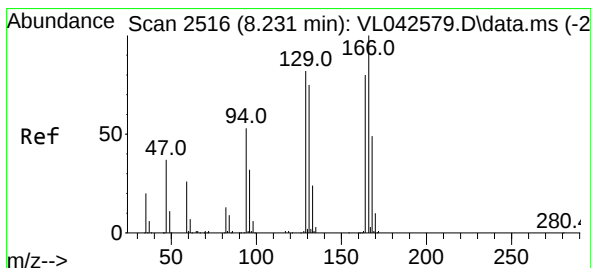
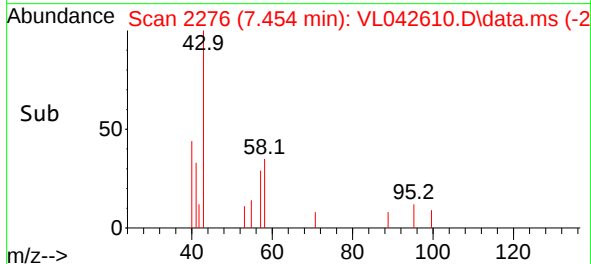
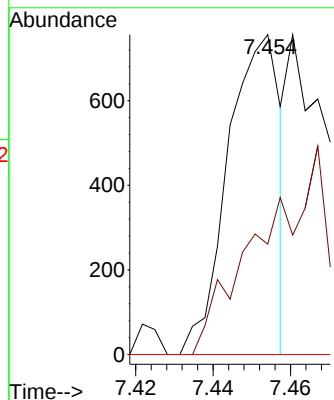
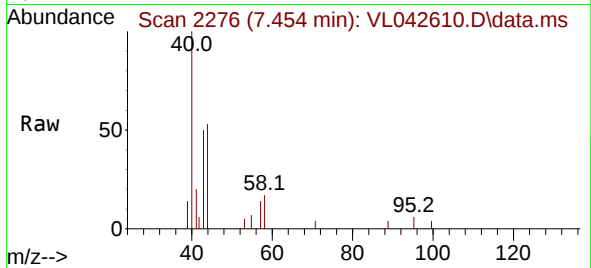




#51
2-Hexanone
Concen: 0.034 ppbv
RT: 7.454 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

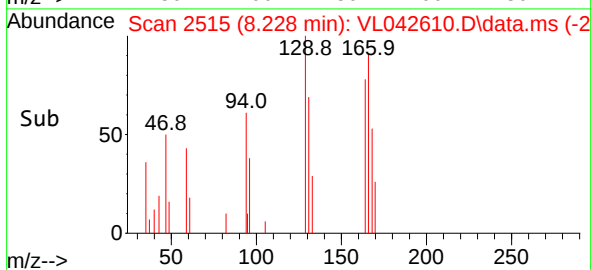
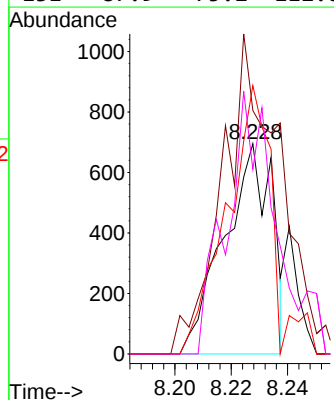
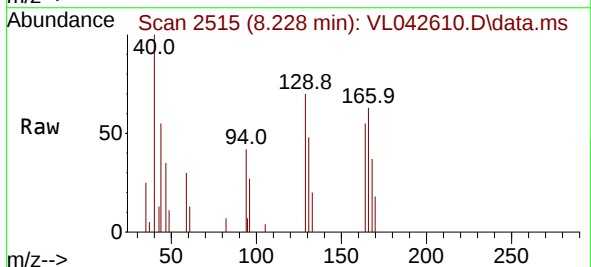
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

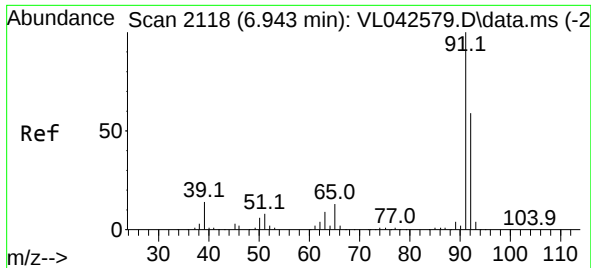
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 0.0 39.9 59.9#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.084 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 164 Resp: 822
Ion Ratio Lower Upper
164 100
166 97.6 100.0 150.0#
129 127.6 82.2 123.4#
131 87.9 75.2 112.8

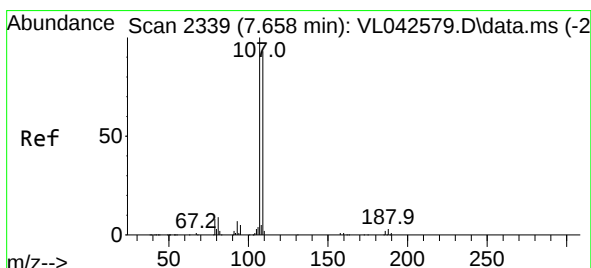
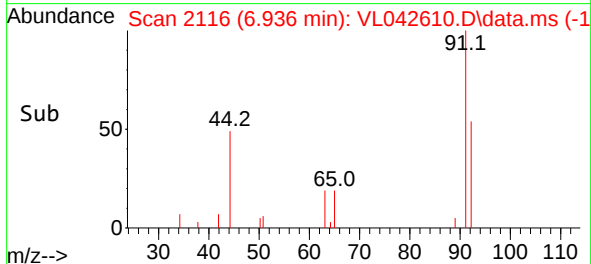
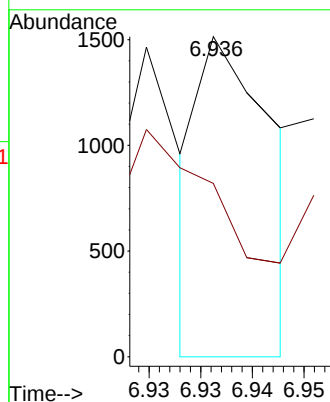
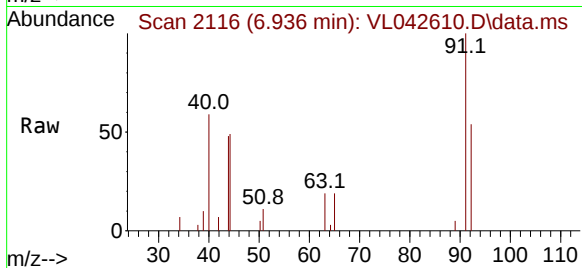




#53
Toluene
Concen: 0.025 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. -0.007 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

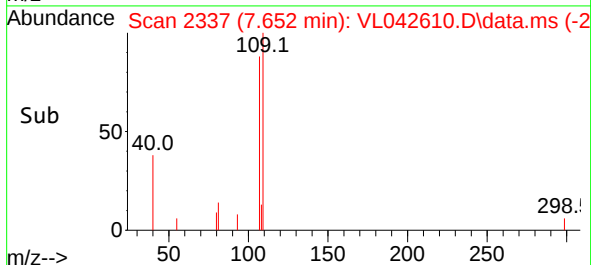
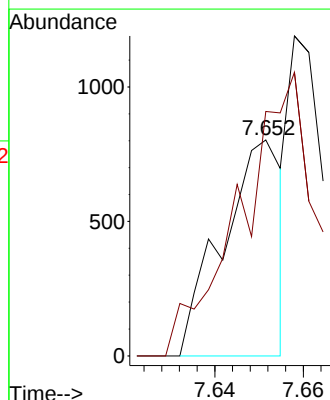
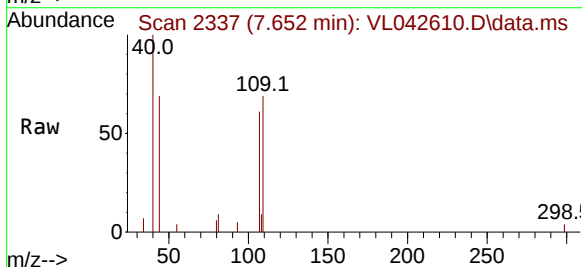
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2025

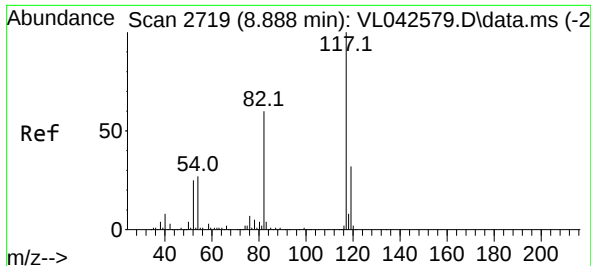
Tgt Ion: 91 Resp: 746
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.4#



#54
1,2-Dibromoethane
Concen: 0.050 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. -0.007 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 107 Resp: 746
Ion Ratio Lower Upper
107 100
109 88.9 74.3 111.5

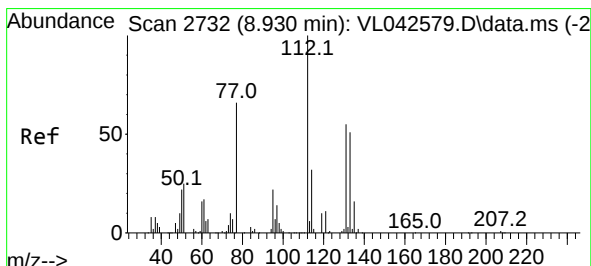
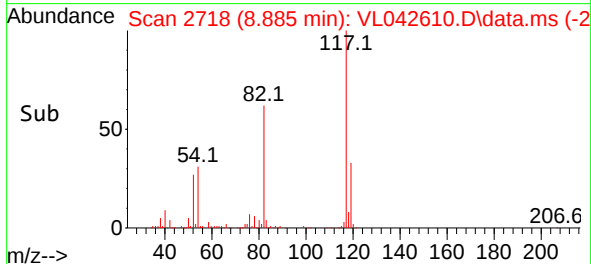
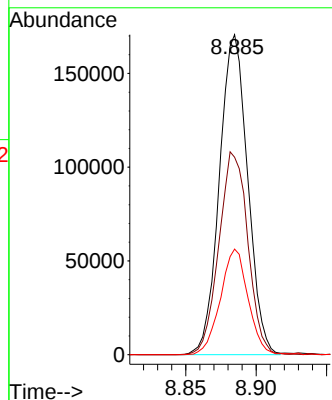
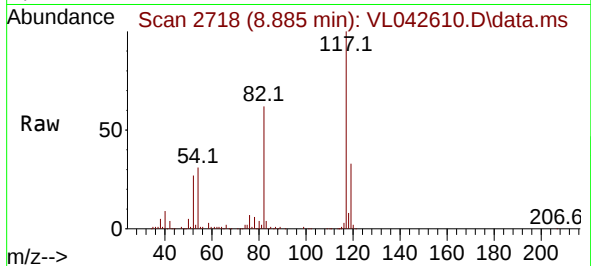




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

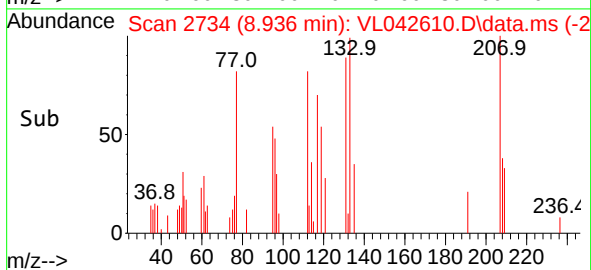
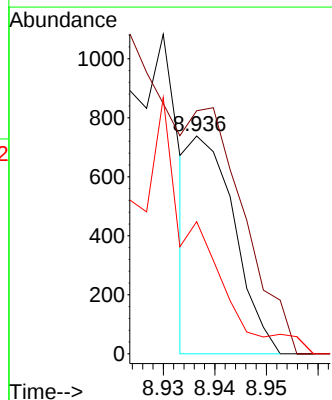
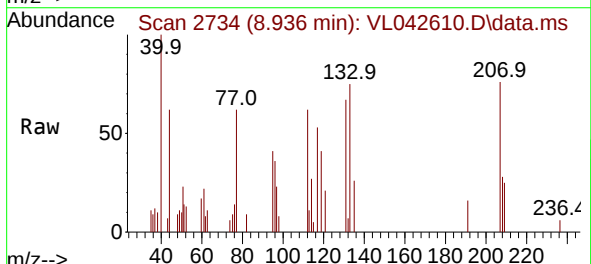
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

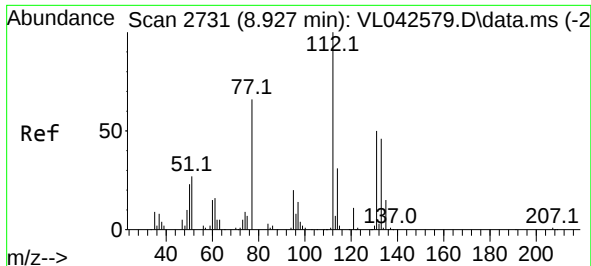
Tgt Ion:117 Resp: 238483
Ion Ratio Lower Upper
117 100
82 65.0 51.2 76.8
119 32.6 26.3 39.5



#56
1,1,1,2-Tetrachloroethane
Concen: 0.037 ppbv
RT: 8.936 min Scan# 2734
Delta R.T. 0.006 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion:131 Resp: 441
Ion Ratio Lower Upper
131 100
133 0.0 75.0 112.6#
119 0.0 50.8 76.2#

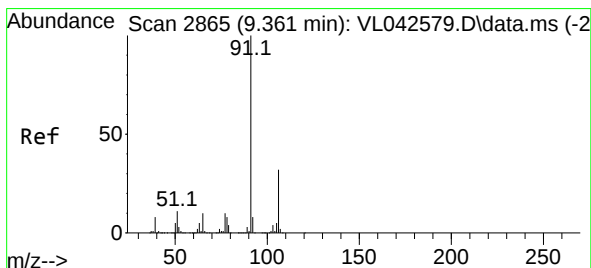
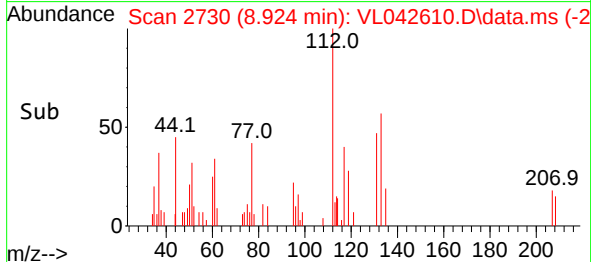
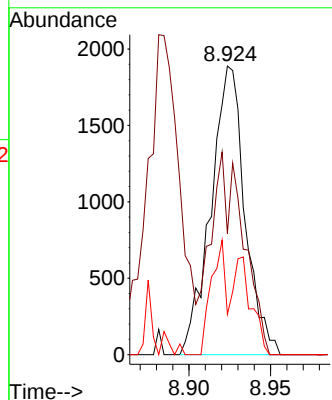
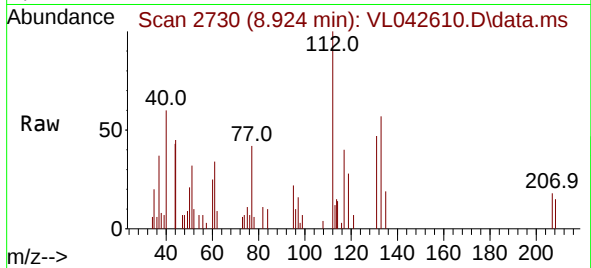




#57
Chlorobenzene
Concen: 0.118 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

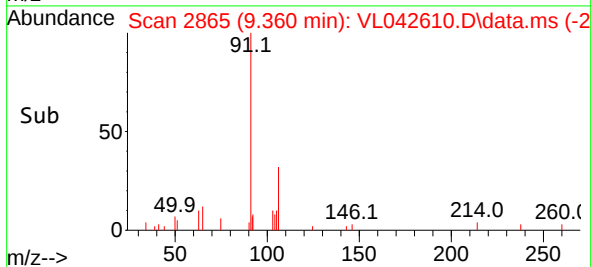
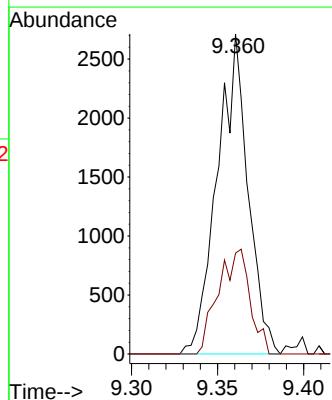
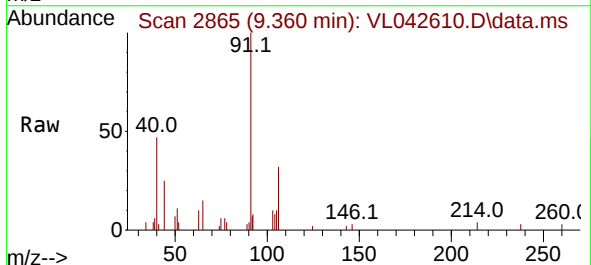
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

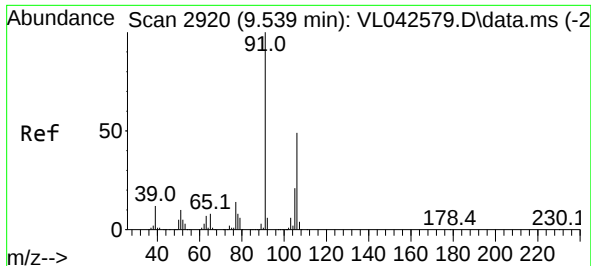
Tgt Ion:112 Resp: 2743
Ion Ratio Lower Upper
112 100
77 42.0 53.5 80.3#
114 14.0 27.8 34.0#



#58
Ethyl Benzene
Concen: 0.083 ppbv
RT: 9.360 min Scan# 2865
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 91 Resp: 3373
Ion Ratio Lower Upper
91 100
106 31.5 25.9 38.9





#59

m/p-Xylene

Concen: 0.062 ppbv

RT: 9.532 min Scan# 2918

Delta R.T. -0.007 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

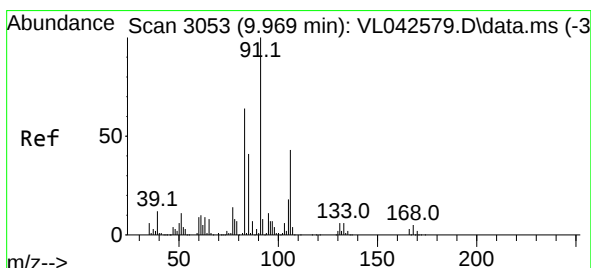
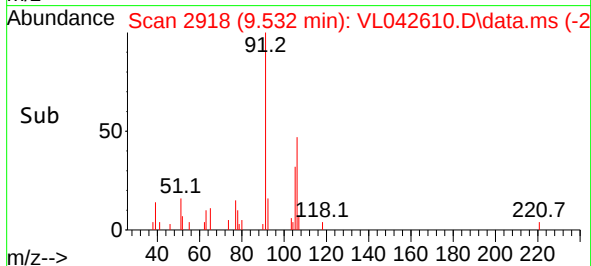
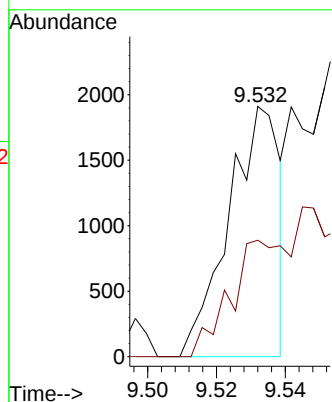
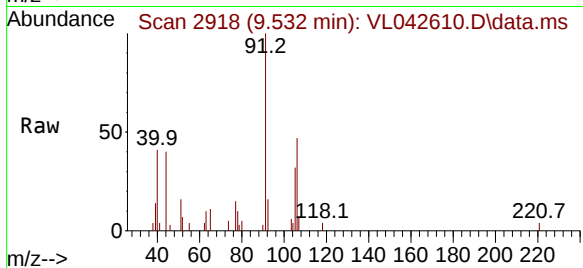
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 91 Resp: 1971

Ion Ratio Lower Upper

91 100

106 0.0 38.8 58.2#



#60

o-Xylene

Concen: 0.038 ppbv

RT: 9.962 min Scan# 3051

Delta R.T. -0.007 min

Lab File: VL042610.D

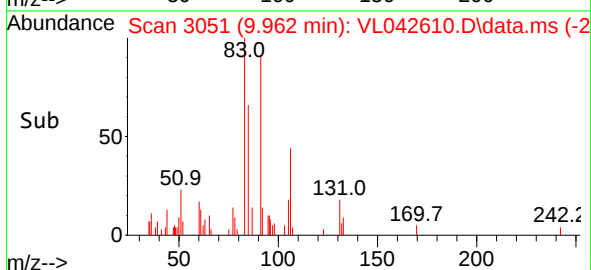
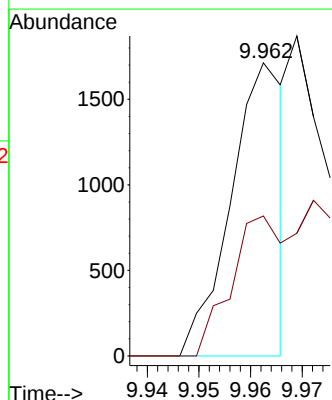
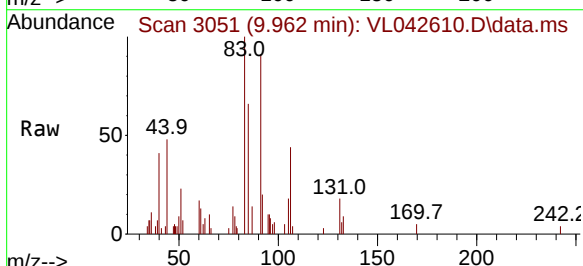
Acq: 03 Jun 2025 14:40

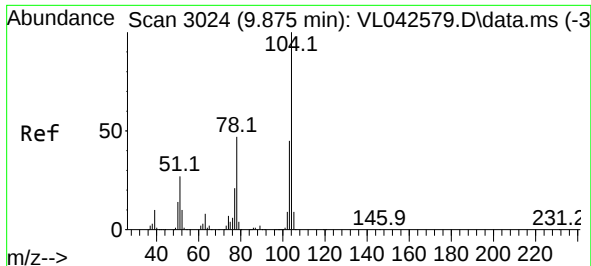
Tgt Ion: 91 Resp: 1219

Ion Ratio Lower Upper

91 100

106 0.0 22.9 68.5#

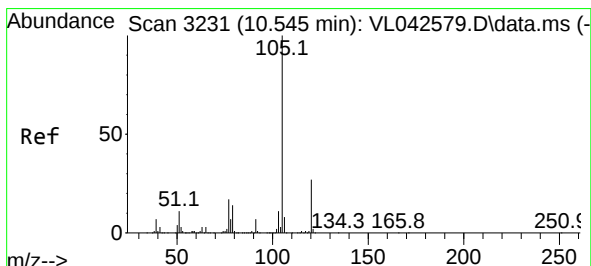
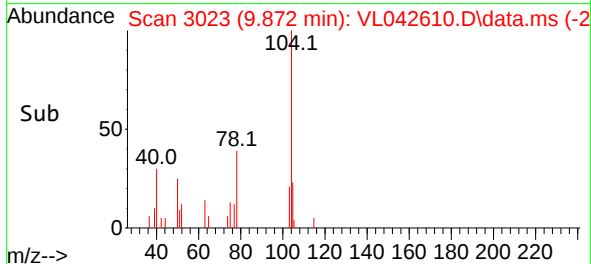
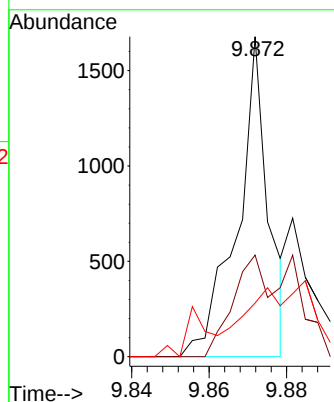
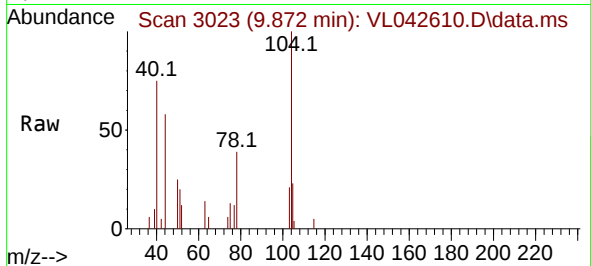




#61
Styrene
Concen: 0.062 ppbv
RT: 9.872 min Scan# 3024
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

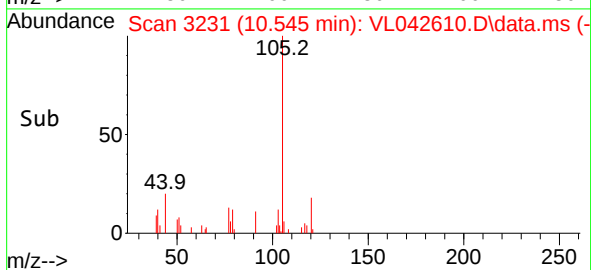
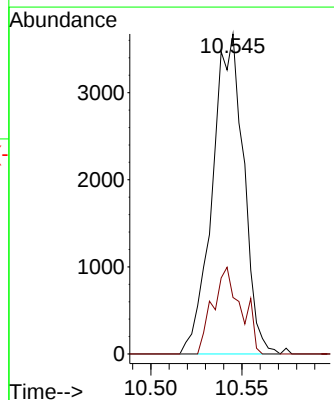
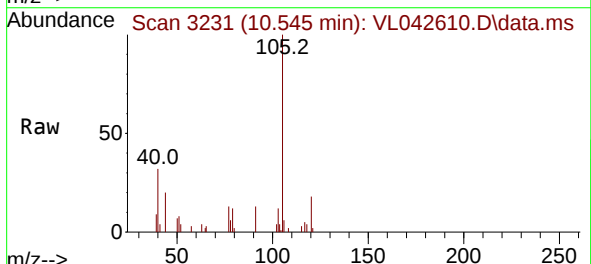
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

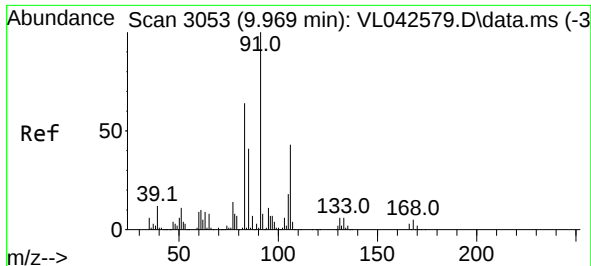
Tgt Ion:104 Resp: 931
Ion Ratio Lower Upper
104 100
78 61.1 38.2 57.4#
103 0.0 36.7 55.1#



#62
Isopropylbenzene
Concen: 0.093 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion:105 Resp: 4380
Ion Ratio Lower Upper
105 100
120 24.5 20.9 31.3

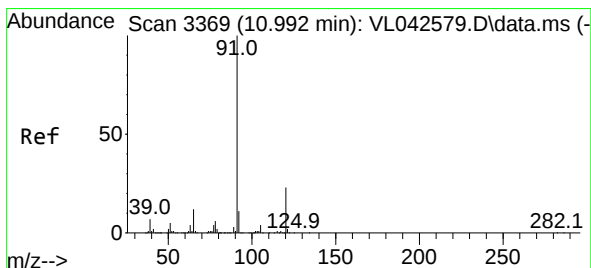
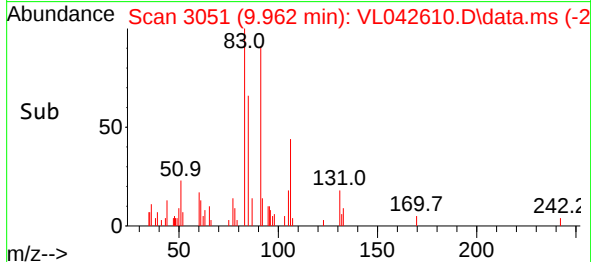
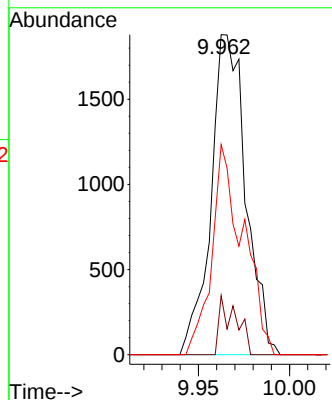
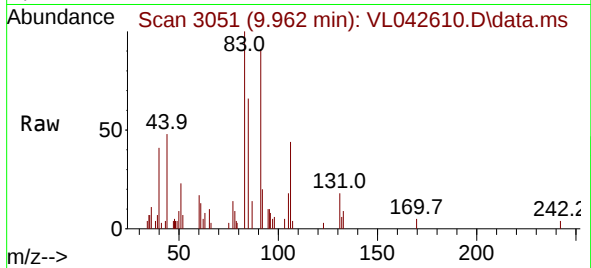




#63
1,1,2,2-Tetrachloroethane
Concen: 0.124 ppbv
RT: 9.962 min Scan# 3051
Delta R.T. -0.007 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

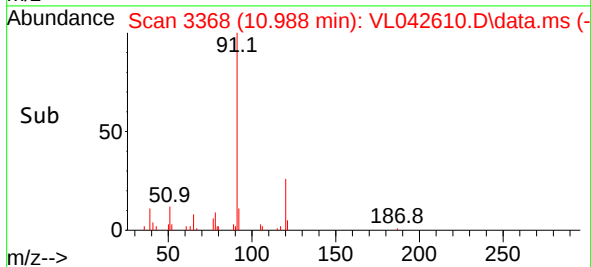
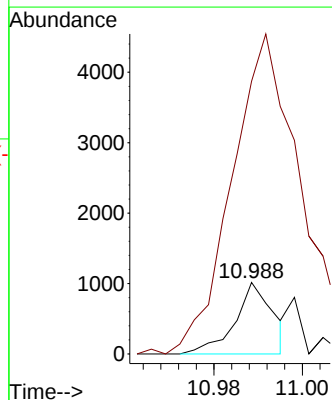
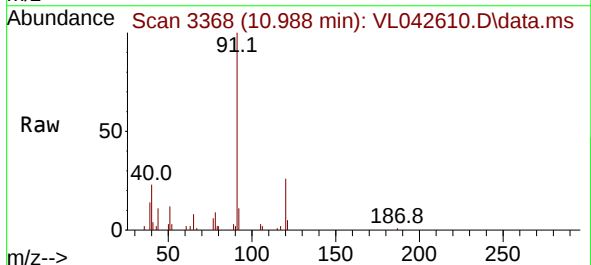
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2025

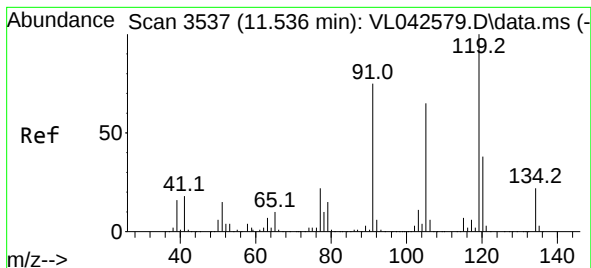
Tgt Ion: 83 Resp: 2496
Ion Ratio Lower Upper
83 100
131 8.9 4.8 14.4
85 59.3 32.5 97.4



#64
n-propylbenzene
Concen: 0.048 ppbv
RT: 10.988 min Scan# 3368
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 120 Resp: 603
Ion Ratio Lower Upper
120 100
91 822.4 363.0 544.6#





#65

tert-Butylbenzene

Concen: 0.075 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

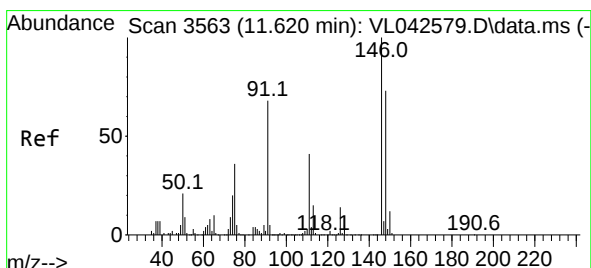
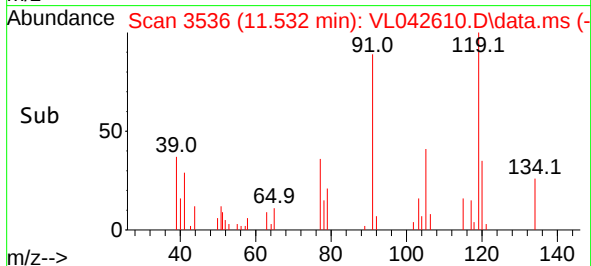
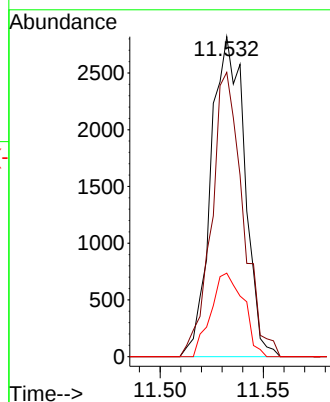
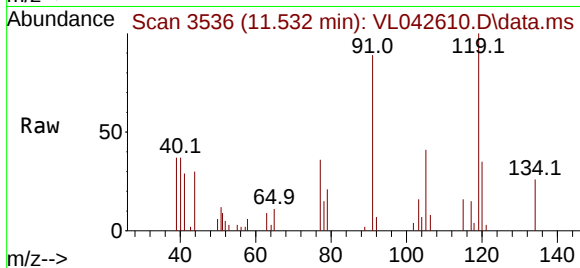
Tgt Ion:119 Resp: 3191

Ion Ratio Lower Upper

119 100

91 82.5 61.1 91.7

134 25.3 17.4 26.2



#66

Benzyl Chloride

Concen: 0.035 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. 0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

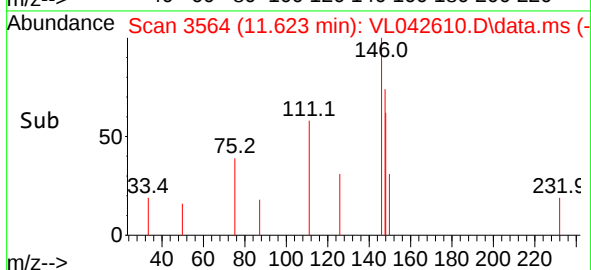
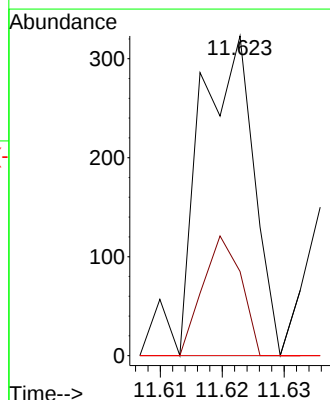
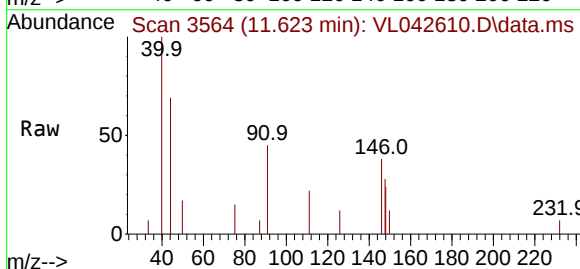
Tgt Ion: 91 Resp: 191

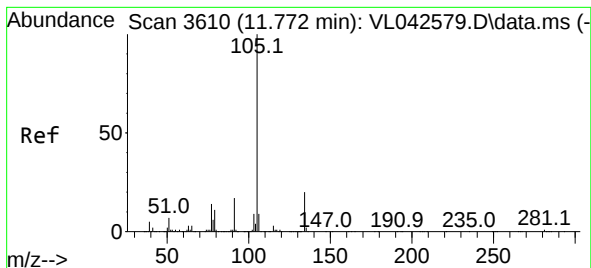
Ion Ratio Lower Upper

91 100

126 27.2 15.1 22.7#

128 0.0 5.0 7.6#





#67

sec-Butylbenzene

Concen: 0.075 ppbv

RT: 11.772 min Scan# 3179

Delta R.T. -0.000 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_1

ClientSampleId :

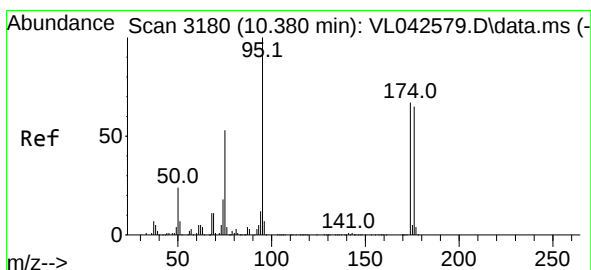
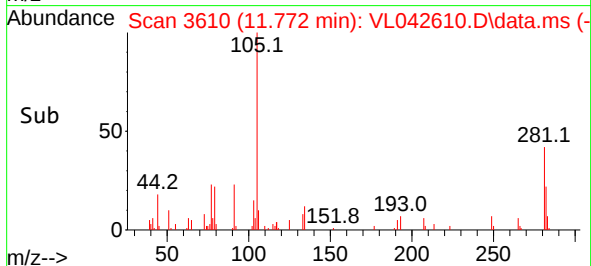
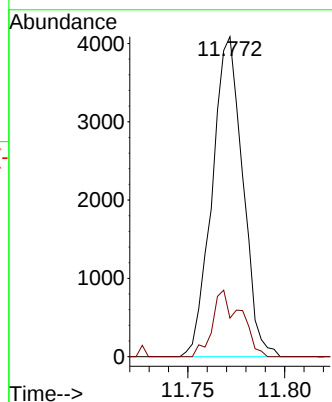
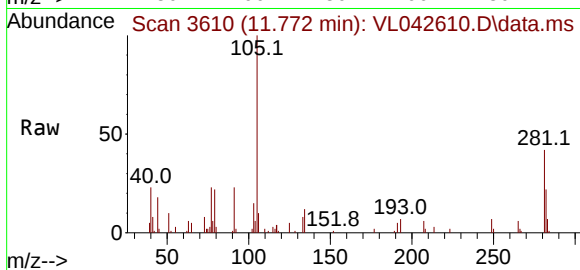
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:105 Resp: 4491

Ion Ratio Lower Upper

105 100

134 19.1 15.8 23.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.047 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. -0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

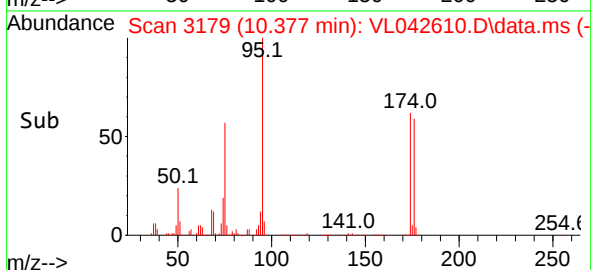
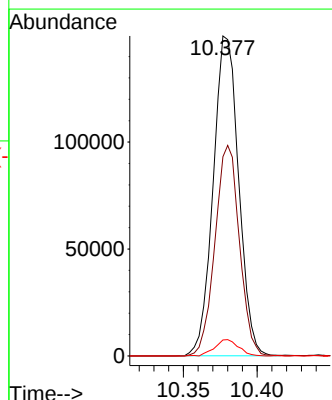
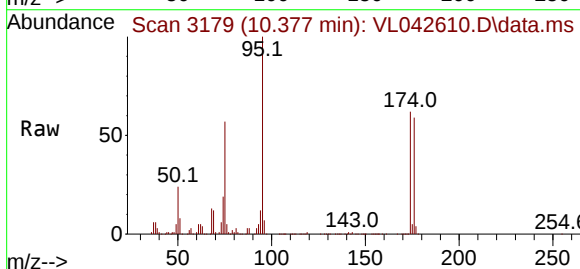
Tgt Ion: 95 Resp: 179621

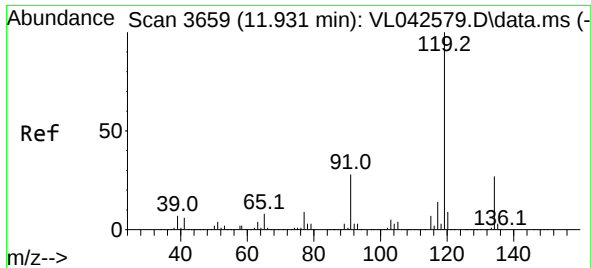
Ion Ratio Lower Upper

95 100

174 63.2 53.1 79.7

175 4.8 4.2 6.2

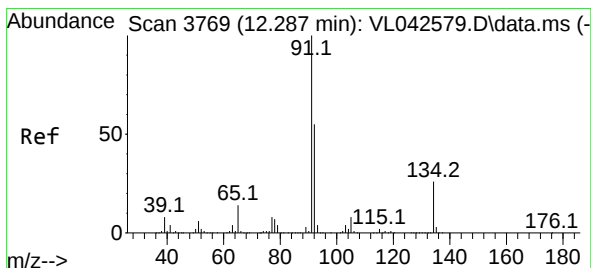
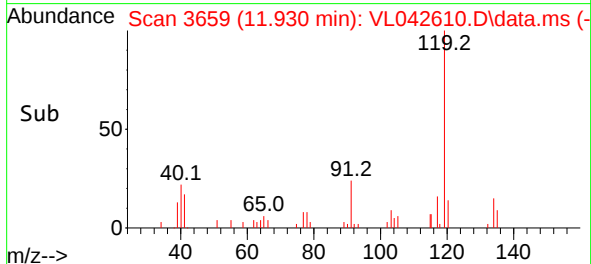
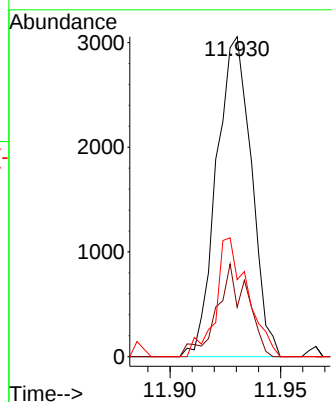
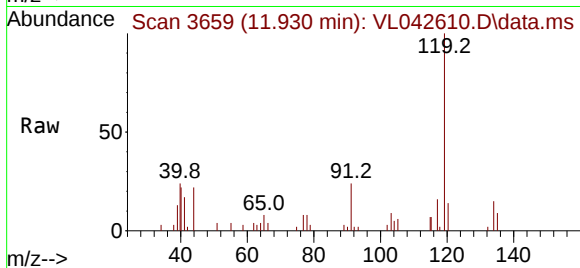




#69
 p-Isopropyltoluene
 Concen: 0.067 ppbv
 RT: 11.930 min Scan# 3659
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

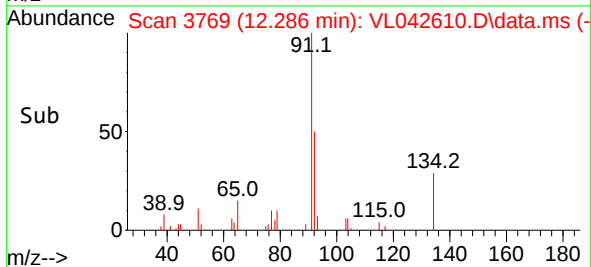
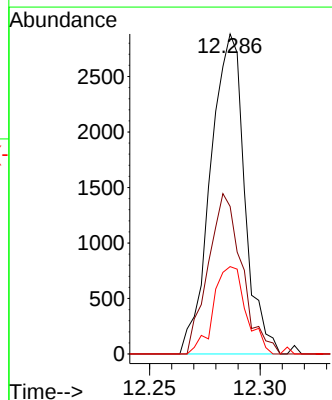
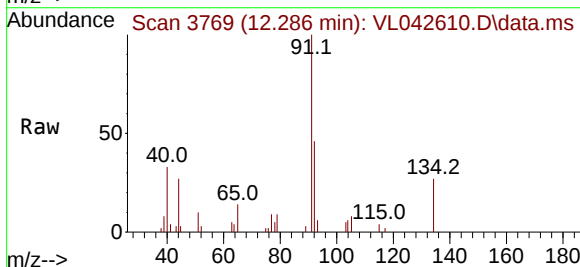
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

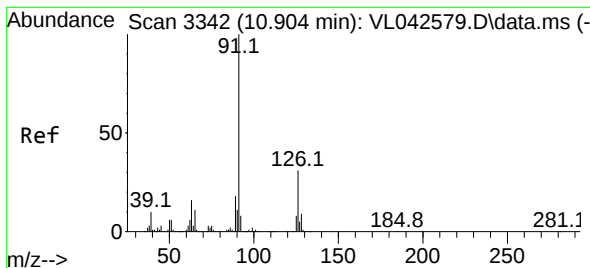
Tgt Ion:119 Resp: 3348
 Ion Ratio Lower Upper
 119 100
 134 25.3 21.1 31.7
 91 33.6 21.9 32.9#



#70
 n-Butylbenzene
 Concen: 0.062 ppbv
 RT: 12.286 min Scan# 3769
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

Tgt Ion: 91 Resp: 3083
 Ion Ratio Lower Upper
 91 100
 92 49.6 44.4 66.6
 134 26.5 20.1 30.1

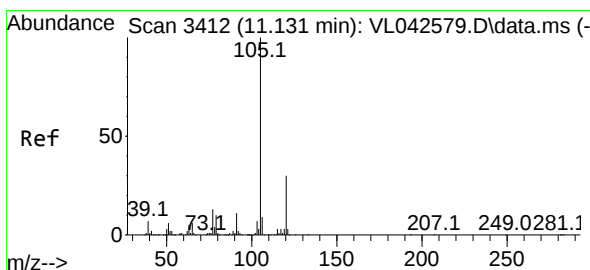
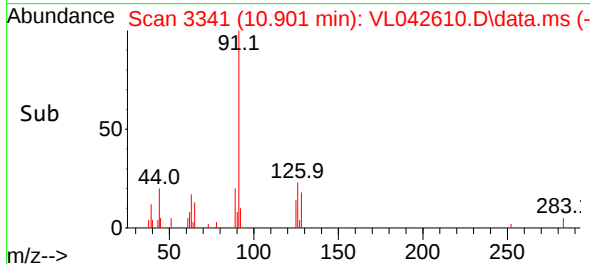
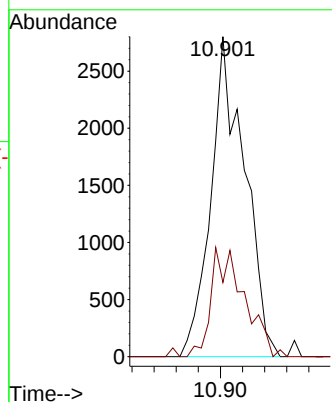
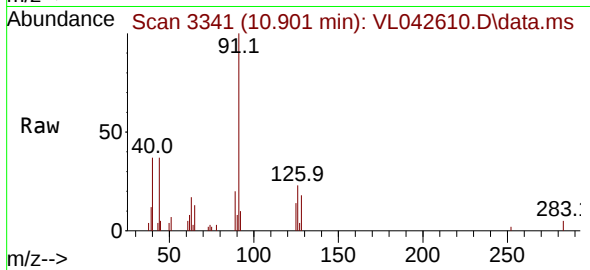




#71
2-Chlorotoluene
Concen: 0.083 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

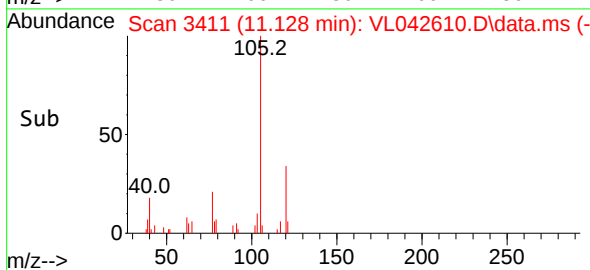
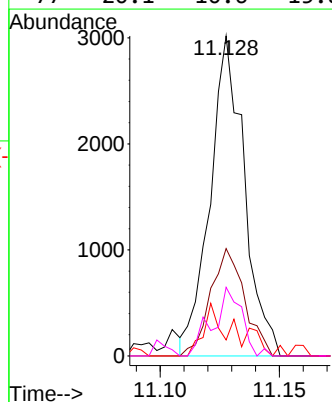
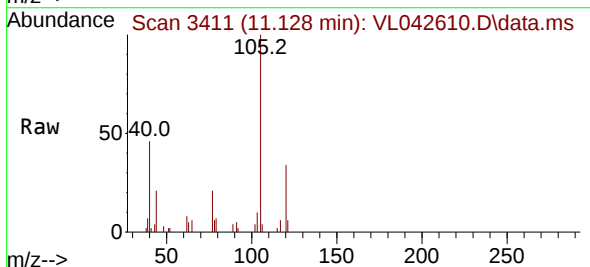
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

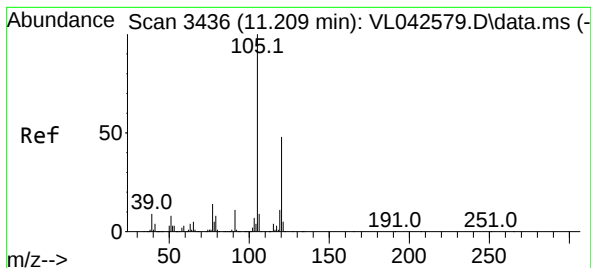
Tgt Ion: 91 Resp: 2971
Ion Ratio Lower Upper
91 100
126 33.7 12.6 50.4



#72
4-Ethyltoluene
Concen: 0.076 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 105 Resp: 3005
Ion Ratio Lower Upper
105 100
120 33.4 24.6 36.8
91 17.1 9.6 14.4#
77 20.1 10.6 15.8#





#73

1,3,5-Trimethylbenzene

Concen: 0.075 ppbv

RT: 11.205 min Scan# 3436

Delta R.T. -0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

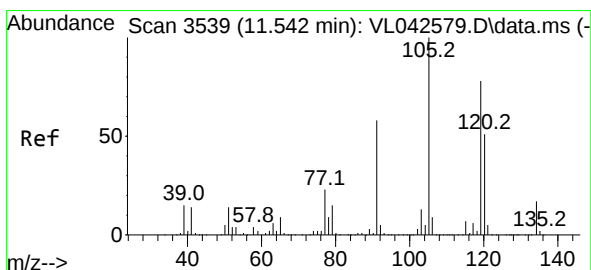
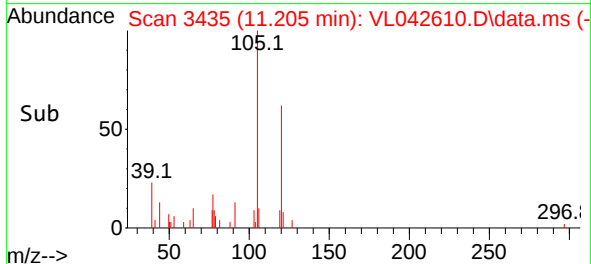
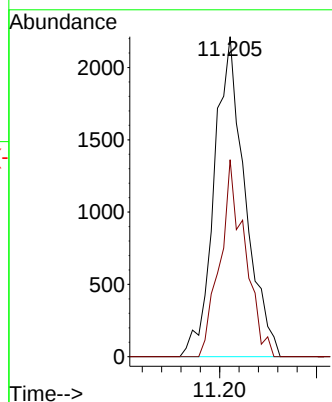
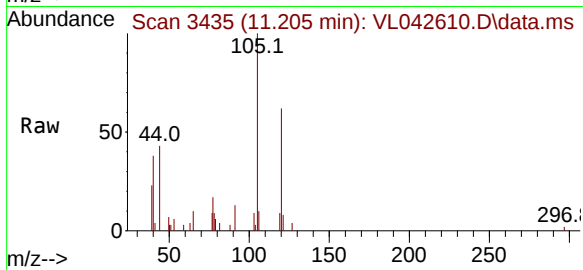
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:105 Resp: 2443

Ion Ratio Lower Upper

105 100

120 61.5 38.8 58.2#



#74

1,2,4-Trimethylbenzene

Concen: 0.074 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Tgt Ion:105 Resp: 2680

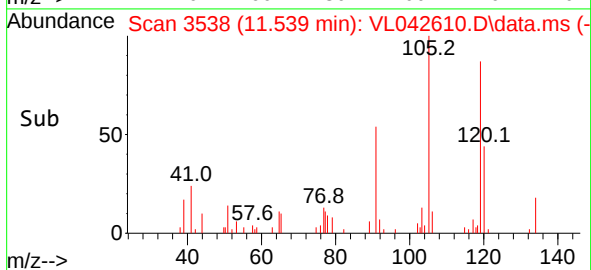
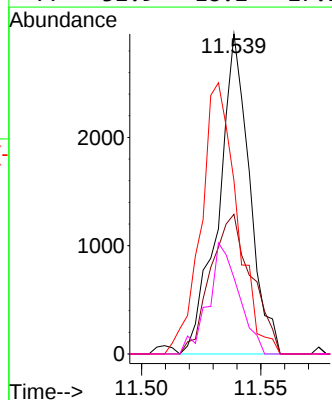
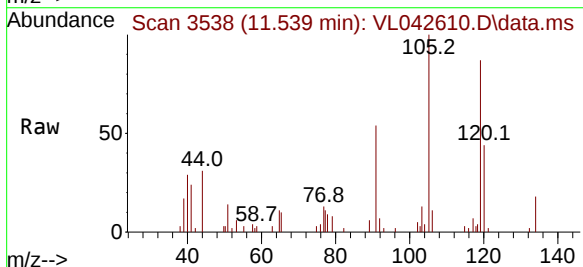
Ion Ratio Lower Upper

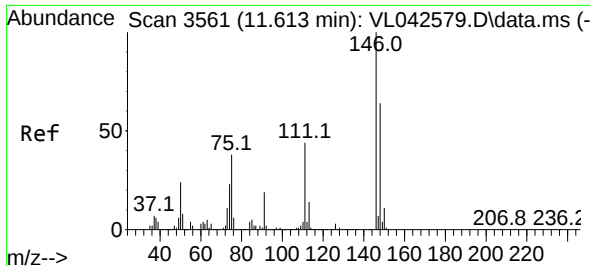
105 100

120 43.6 40.8 61.2

91 54.1 46.8 70.2

77 32.9 18.2 27.2#

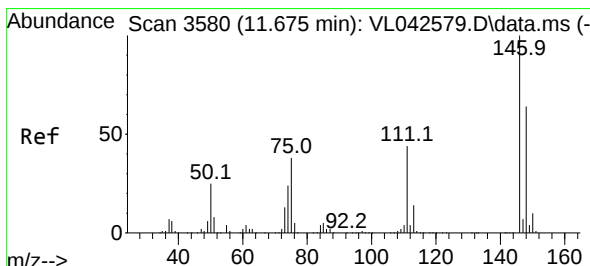
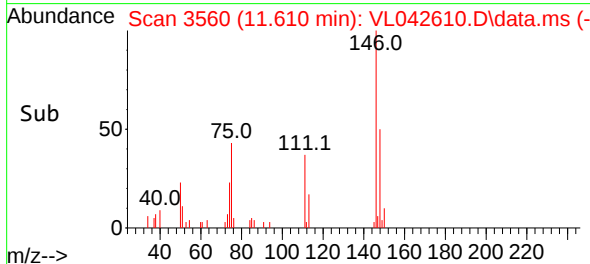
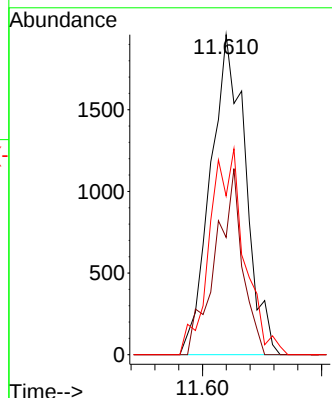
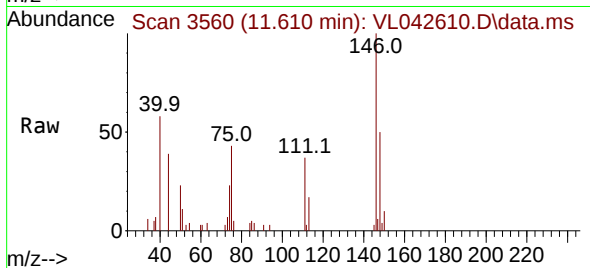




#75
1,3-Dichlorobenzene
Concen: 0.087 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

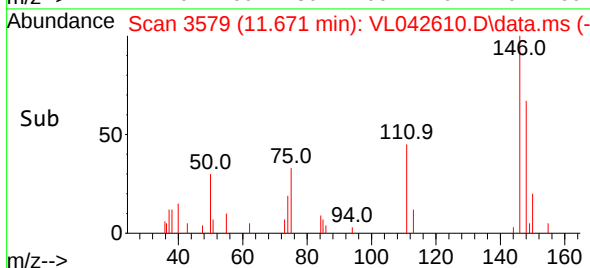
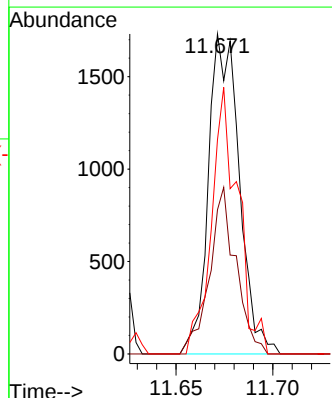
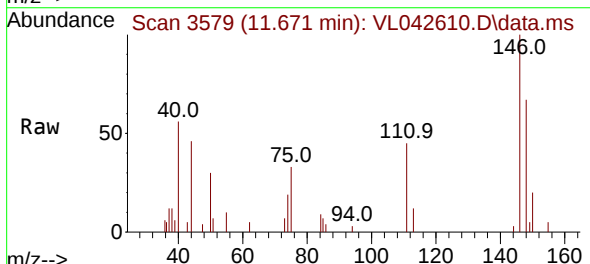
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

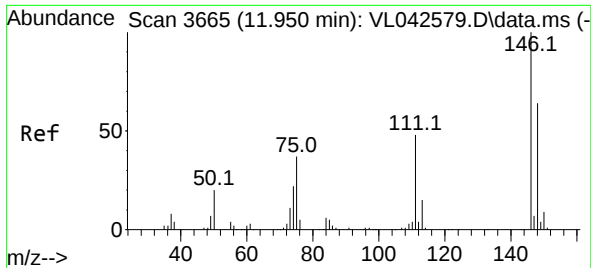
Tgt Ion:	146	Resp:	1996
Ion Ratio	Lower	Upper	
146	100		
111	44.8	22.4	67.3
148	63.9	32.0	96.2



#76
1,4-Dichlorobenzene
Concen: 0.084 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion:	146	Resp:	1914
Ion Ratio	Lower	Upper	
146	100		
111	44.5	21.6	64.8
148	71.9	32.1	96.5

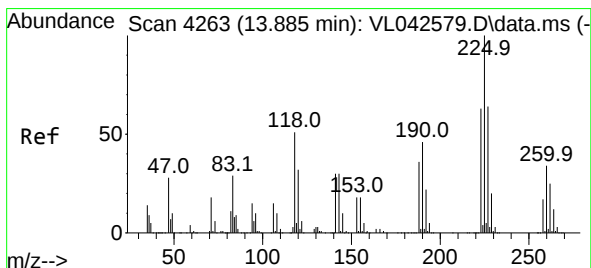
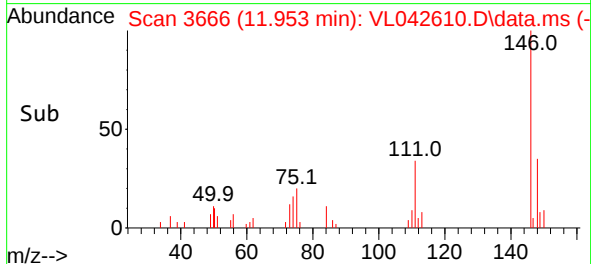
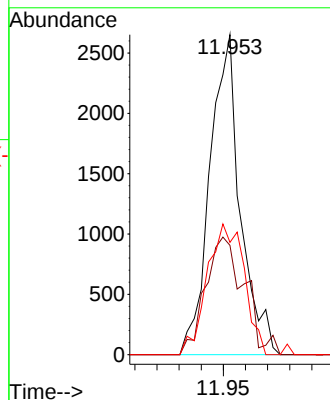
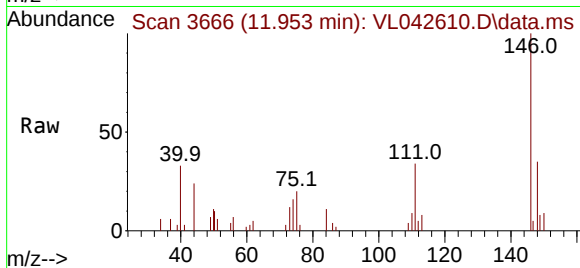




#77
1,2-Dichlorobenzene
Concen: 0.114 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

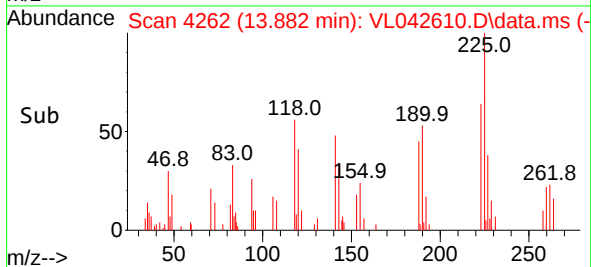
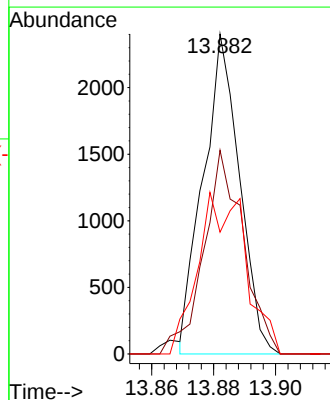
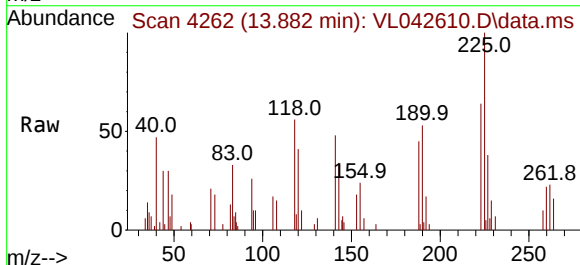
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

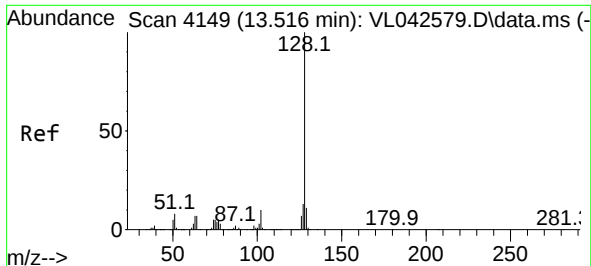
Tgt Ion:146	Resp:	2535	
Ion	Ratio	Lower	Upper
146	100		
111	47.2	23.1	69.3
148	50.4	32.1	96.3



#78
Hexachloro-1,3-Butadiene
Concen: 0.107 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion:225	Resp:	1957	
Ion	Ratio	Lower	Upper
225	100		
223	69.1	50.2	75.4
227	66.2	51.1	76.7

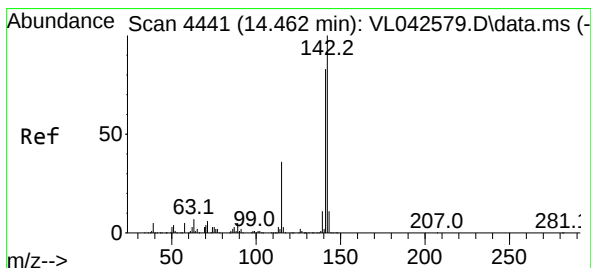
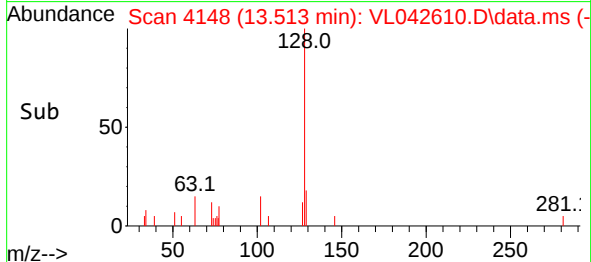
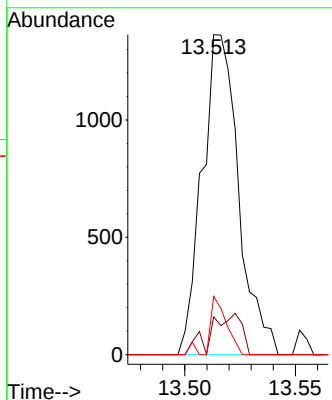
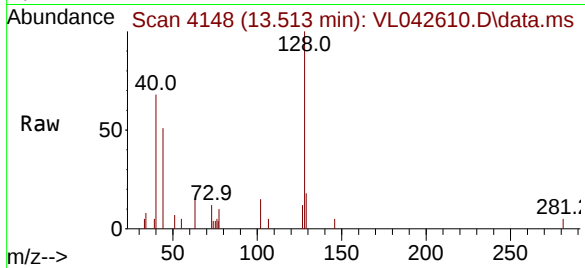




#79
Naphthalene
Concen: 0.046 ppbv
RT: 13.513 min Scan# 4149
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

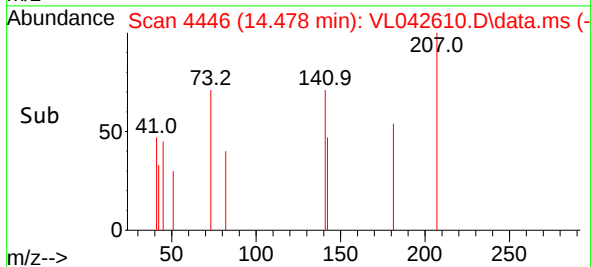
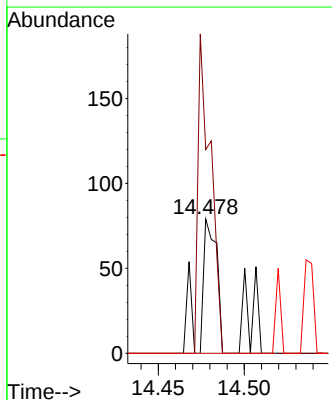
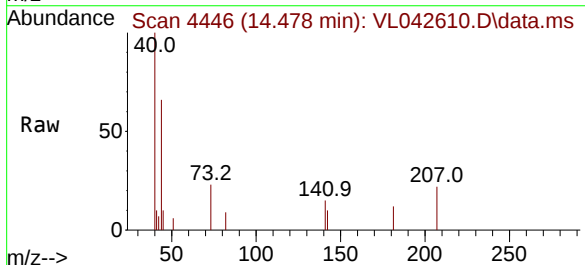
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

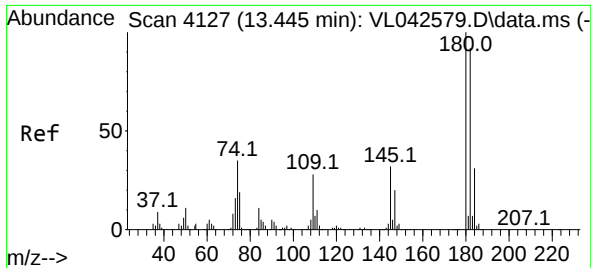
Tgt Ion:128 Resp: 1565
Ion Ratio Lower Upper
128 100
127 11.8 10.2 15.4
129 18.2 8.8 13.2#



#80
Naphthalene,2-methyl-
Concen: 0.005 ppbv
RT: 14.478 min Scan# 4446
Delta R.T. 0.016 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

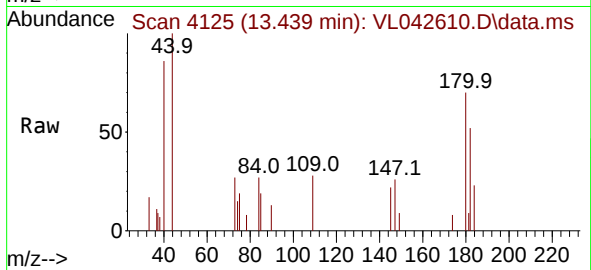
Tgt Ion:142 Resp: 71
Ion Ratio Lower Upper
142 100
141 133.8 66.2 99.4#
115 43.7 28.3 42.5#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.014 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025



Tgt Ion:	180	Resp:	263
Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.0	112.4#
184	0.0	24.6	36.8#

