

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042608.D
 Acq On : 03 Jun 2025 13:35
 Operator : SY/MD
 Sample : Q2126-13 0.45 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 01:49:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	100961	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	278712	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	246919	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	190124	10.272	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	6417	0.517	ppbv	98
3) Chlorodifluoromethane	1.476	51	9071	0.531	ppbv	96
4) Chloromethane	1.531	50	2614	0.532	ppbv	96
5) Vinyl Chloride	1.580	62	2222	0.444	ppbv	95
6) Bromomethane	1.667	94	1123	0.461	ppbv	82
7) Chloroethane	1.703	64	1129	0.580	ppbv	98
8) Dichlorotetrafluoroethane	1.554	85	5616	0.543	ppbv	96
9) Propene	1.483	41	3193	0.464	ppbv	86
10) Heptane	4.975	43	7757	0.400	ppbv	98
11) Trichlorofluoromethane	1.877	101	6290	0.545	ppbv	92
12) 1,1,2-Trichlorotrifluo...	2.136	101	4499	0.496	ppbv	91
13) Ethanol	1.722	45	685	0.835	ppbv	99
14) Bromoethene	1.780	108	1977	0.580	ppbv #	78
15) Acetone	1.835	43	6488	0.534	ppbv	92
16) 1,3-Butadiene	1.609	39	2958	0.513	ppbv	91
17) tert-Butyl alcohol	2.042	59	6220	0.491	ppbv #	89
18) 1,1-Dichloroethene	2.033	96	2108	0.502	ppbv	95
19) Isopropyl Alcohol	1.887	45	3549	0.488	ppbv #	69
20) Methylene Chloride	2.059	84	2385	0.594	ppbv #	86
21) Allyl Chloride	2.094	41	4335	0.505	ppbv	97
22) trans-1,2-Dichloroethene	2.337	96	2221	0.473	ppbv #	72
23) Vinyl Acetate	2.463	43	7001	0.426	ppbv #	96
24) 1,1-Dichloroethane	2.405	63	4436	0.459	ppbv	97
25) Ethyl Acetate	2.839	43	15514	0.466	ppbv	99
26) Hexane	2.823	57	6230	0.412	ppbv	84
27) Carbon Disulfide	2.146	76	5250	0.452	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	2740	0.447	ppbv	92
29) Chloroform	2.845	83	10447	0.531	ppbv	97
30) Cyclohexane	3.858	84	5131	0.409	ppbv	93
31) cis-1,2-Dichloroethene	2.716	61	6796	0.491	ppbv	87
32) 1,1,1-Trichloroethane	3.366	97	9150	0.455	ppbv	93
34) 2-Butanone	2.560	43	10907	0.549	ppbv	95
35) Carbon Tetrachloride	3.758	117	9231	0.502	ppbv	91
36) Benzene	3.654	78	13329	0.486	ppbv #	94
37) 1,2-Dichloroethane	3.217	62	7539	0.553	ppbv	98
38) Trichloroethene	4.548	130	5978	0.512	ppbv #	86
39) 1,2-Dichloropropane	4.318	63	2498	0.246	ppbv	95
40) 1,4-Dioxane	4.596	88	711	0.157	ppbv #	1
41) Tetrahydrofuran	3.062	42	5249	0.451	ppbv	94
42) Bromodichloromethane	4.483	83	10471	0.540	ppbv #	85
43) Methyl Methacrylate	4.878	69	2126	0.200	ppbv #	1
44) 2,2,4-Trimethylpentane	4.635	57	19811	0.422	ppbv #	89
45) t-1,3-Dichloropropene	6.418	75	1026	0.084	ppbv	89

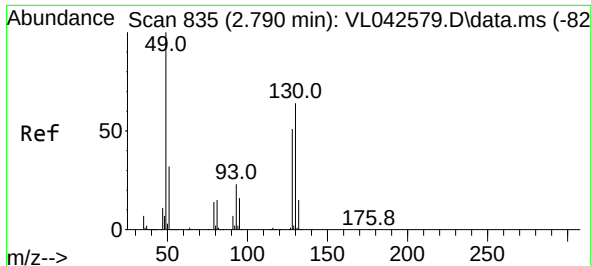
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
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Quant Time: Jun 04 01:49:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : 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	5.600	75	5660	0.371	ppbv	94
47) 1,1,2-Trichloroethane	6.577	97	2567	0.244	ppbv #	73
48) Dibromochloromethane	7.386	129	8001	0.476	ppbv	99
49) Bromoform	9.484	173	6593	0.454	ppbv	96
50) 4-Methyl-2-Pentanone	5.755	43	3138	0.114	ppbv #	39
51) 2-Hexanone	7.444	43	4290	0.196	ppbv #	44
52) Tetrachloroethene	8.221	164	4798	0.468	ppbv #	85
53) Toluene	6.930	91	12714	0.401	ppbv	99
54) 1,2-Dibromoethane	7.648	107	3616	0.233	ppbv	90
56) 1,1,1,2-Tetrachloroethane	8.930	131	2384	0.192	ppbv #	1
57) Chlorobenzene	8.924	112	7007	0.292	ppbv	90
58) Ethyl Benzene	9.354	91	17519	0.418	ppbv	99
59) m/p-Xylene	9.532	91	14721	0.447	ppbv #	29
60) o-Xylene	9.966	91	13119	0.399	ppbv	97
61) Styrene	9.869	104	5589	0.360	ppbv	94
62) Isopropylbenzene	10.542	105	21748	0.448	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.966	83	10741	0.514	ppbv	99
64) n-propylbenzene	10.985	120	5391	0.414	ppbv	92
65) tert-Butylbenzene	11.529	119	20030	0.454	ppbv	97
66) Benzyl Chloride	11.610	91	695	0.123	ppbv #	64
67) sec-Butylbenzene	11.769	105	27392	0.442	ppbv	98
69) p-Isopropyltoluene	11.924	119	21462	0.414	ppbv	97
70) n-Butylbenzene	12.280	91	21136	0.413	ppbv	95
71) 2-Chlorotoluene	10.901	91	16562	0.447	ppbv	95
72) 4-Ethyltoluene	11.124	105	16565	0.404	ppbv #	96
73) 1,3,5-Trimethylbenzene	11.205	105	14462	0.426	ppbv	90
74) 1,2,4-Trimethylbenzene	11.532	105	16780	0.446	ppbv #	82
75) 1,3-Dichlorobenzene	11.604	146	11563	0.489	ppbv	100
76) 1,4-Dichlorobenzene	11.671	146	11436	0.485	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	11439	0.499	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	10620	0.559	ppbv	98
79) Naphthalene	13.513	128	10091	0.284	ppbv #	95
80) Naphthalene,2-methyl-	14.461	142	1762	0.110	ppbv	92
81) 1,2,4-Trichlorobenzene	13.439	180	6057	0.306	ppbv	95

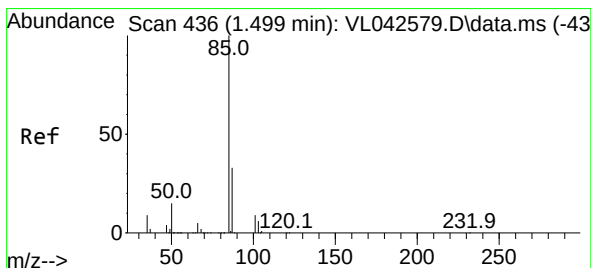
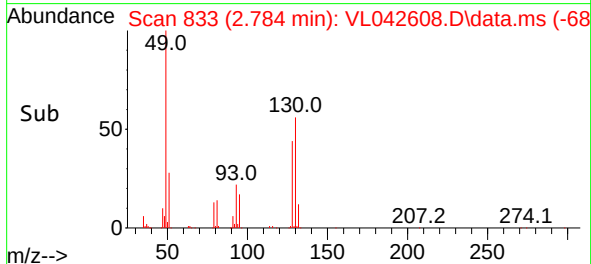
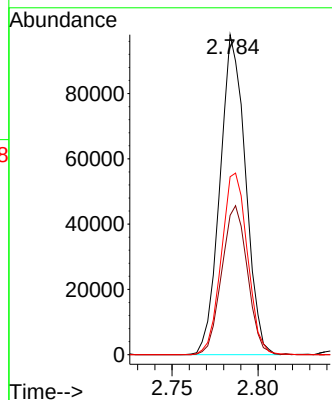
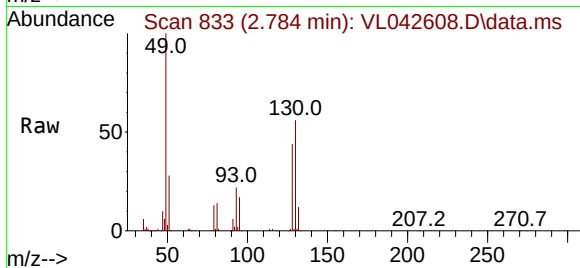
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

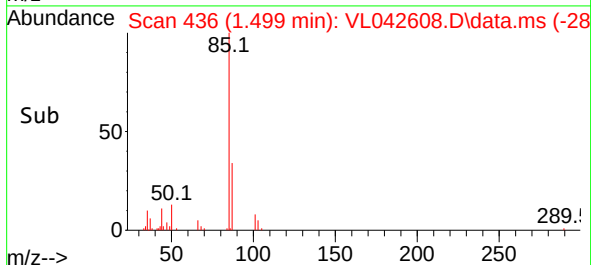
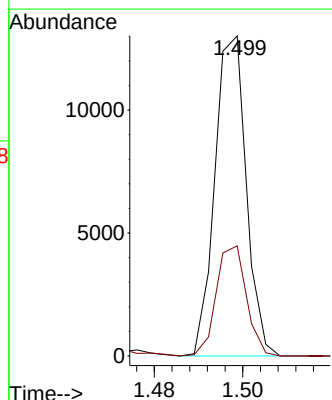
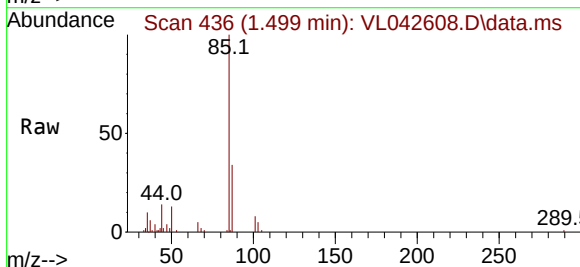
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

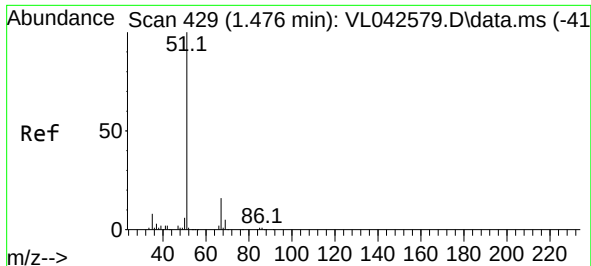
Tgt Ion: 49 Resp: 100961
Ion Ratio Lower Upper
49 100
128 46.9 24.2 72.6
130 58.0 30.4 91.2



#2
Dichlorodifluoromethane
Concen: 0.517 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 85 Resp: 6417
Ion Ratio Lower Upper
85 100
87 34.4 26.6 39.8

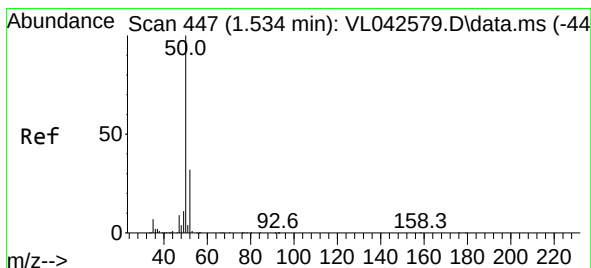
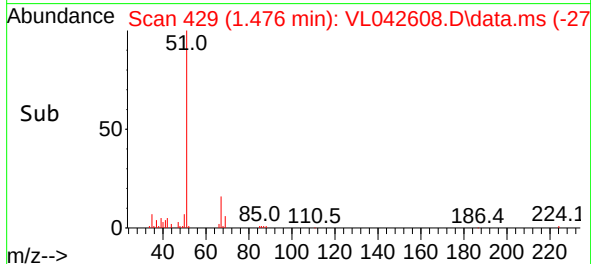
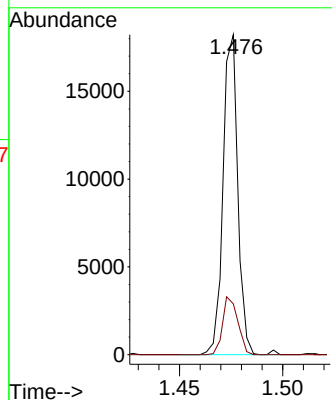
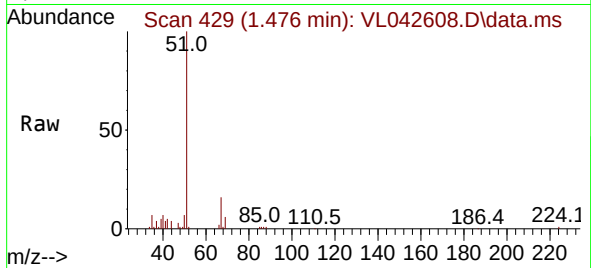




#3
Chlorodifluoromethane
Concen: 0.531 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

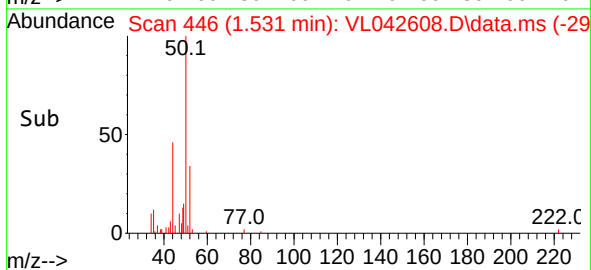
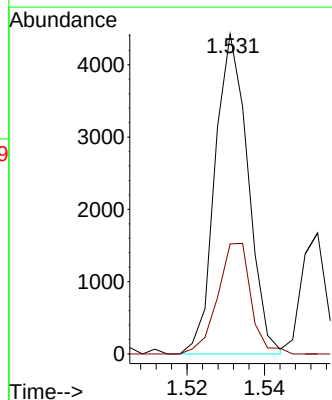
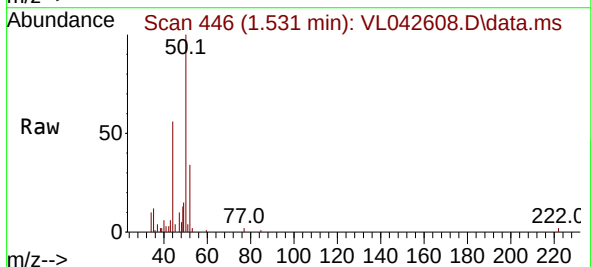
Instrument :
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ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

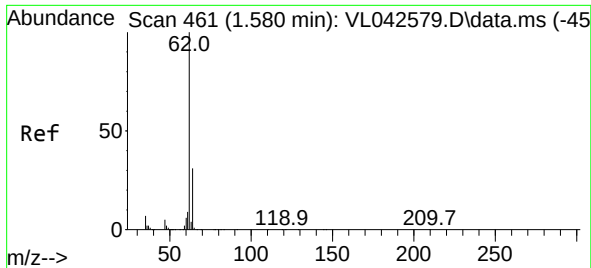
Tgt Ion: 51 Resp: 9071
Ion Ratio Lower Upper
51 100
67 18.6 13.4 20.2



#4
Chloromethane
Concen: 0.532 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 50 Resp: 2614
Ion Ratio Lower Upper
50 100
52 34.4 25.8 38.6

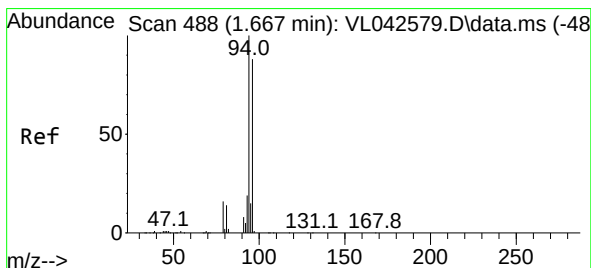
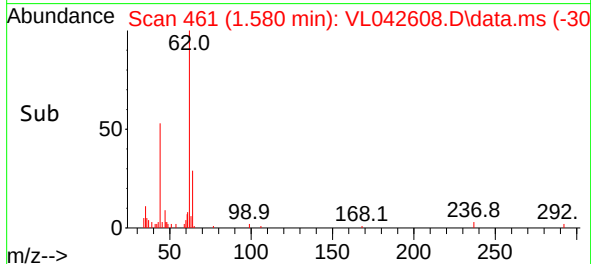
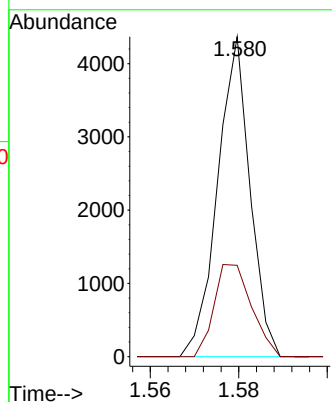
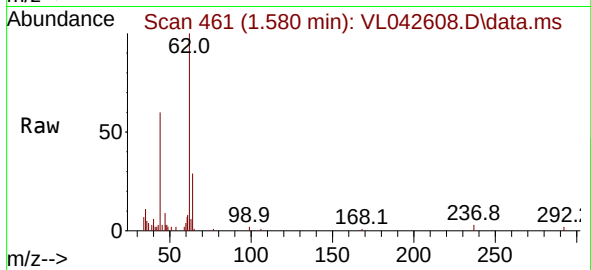




#5
 Vinyl Chloride
 Concen: 0.444 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

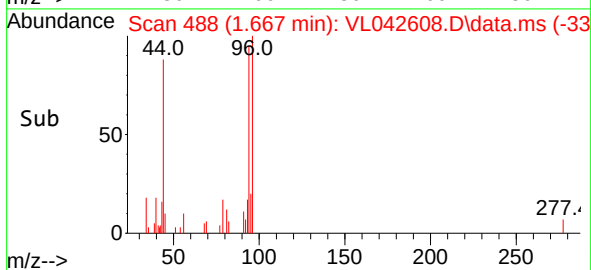
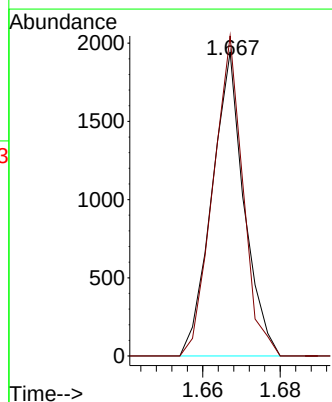
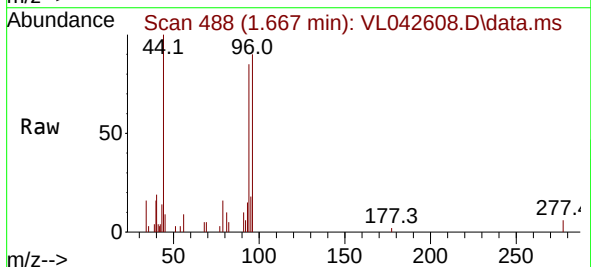
Instrument :
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 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

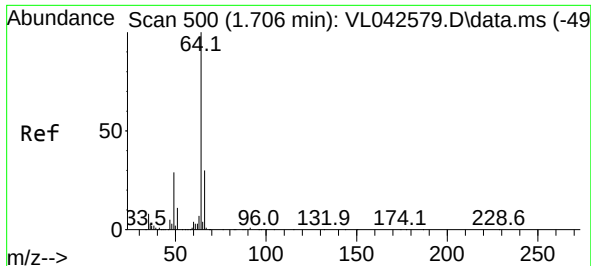
Tgt Ion: 62 Resp: 2222
 Ion Ratio Lower Upper
 62 100
 64 28.5 24.9 37.3



#6
 Bromomethane
 Concen: 0.461 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

Tgt Ion: 94 Resp: 1123
 Ion Ratio Lower Upper
 94 100
 96 105.2 70.7 106.1

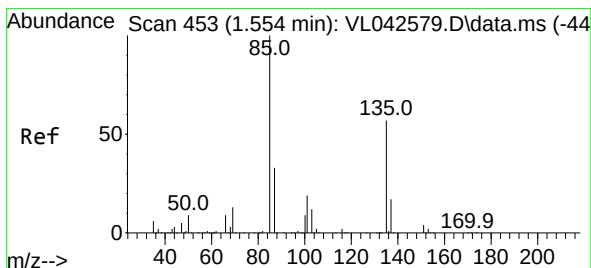
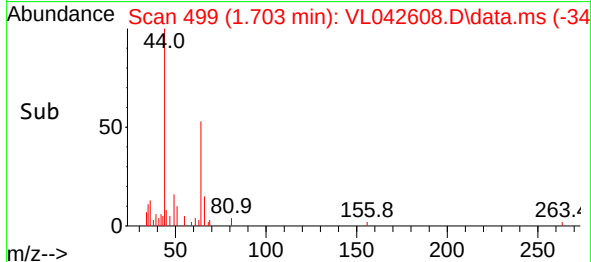
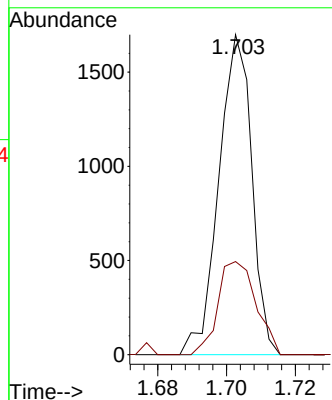
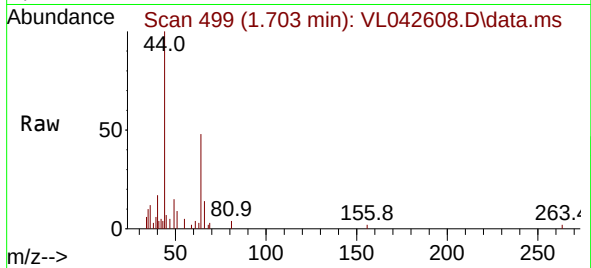




#7
Chloroethane
Concen: 0.580 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

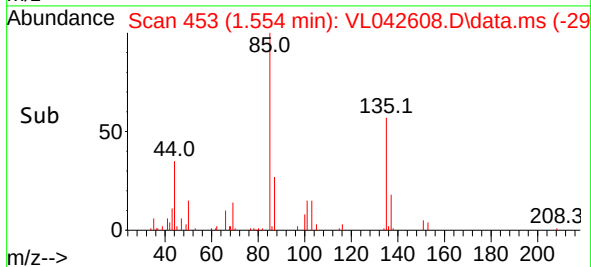
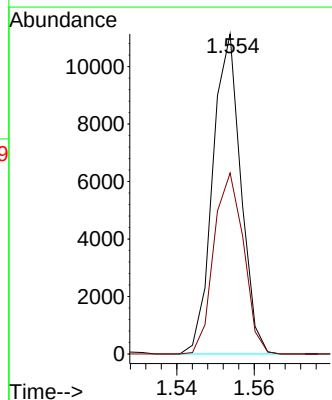
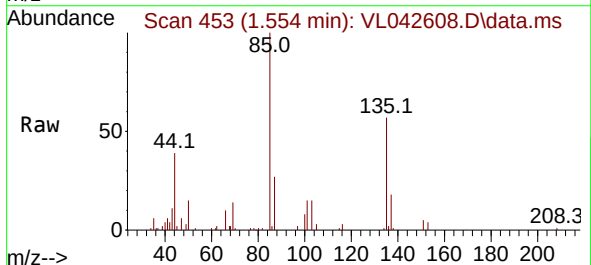
Instrument :
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LOD-MDL-AIR-01-QT2-2025

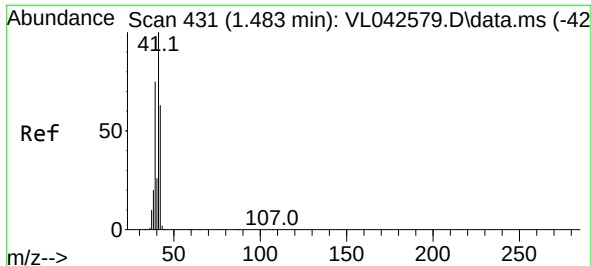
Tgt Ion: 64 Resp: 1129
Ion Ratio Lower Upper
64 100
66 29.1 24.3 36.5



#8
Dichlorotetrafluoroethane
Concen: 0.543 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 85 Resp: 5616
Ion Ratio Lower Upper
85 100
135 59.8 50.2 75.4





#9

Propene

Concen: 0.464 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_1

ClientSampleId :

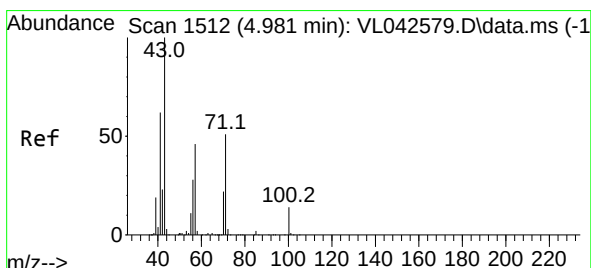
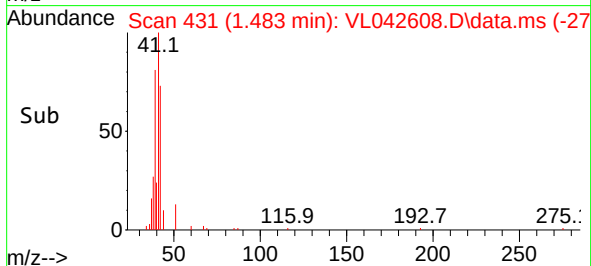
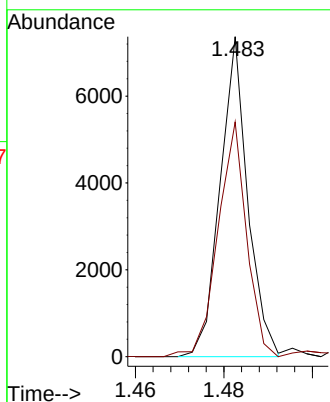
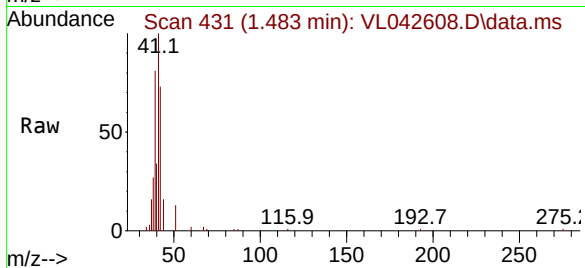
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 41 Resp: 3193

Ion Ratio Lower Upper

41 100

42 78.1 53.3 79.9



#10

Heptane

Concen: 0.400 ppbv

RT: 4.975 min Scan# 1510

Delta R.T. -0.007 min

Lab File: VL042608.D

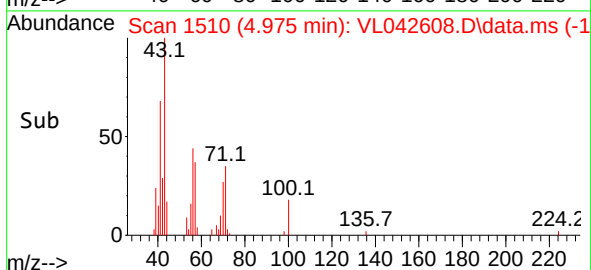
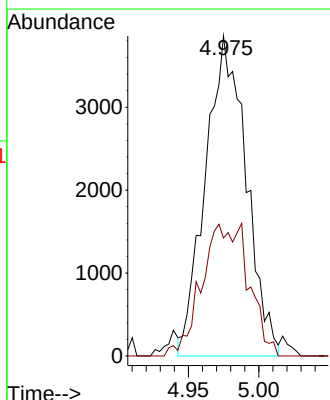
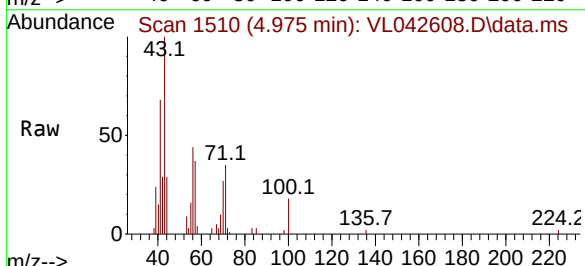
Acq: 03 Jun 2025 13:35

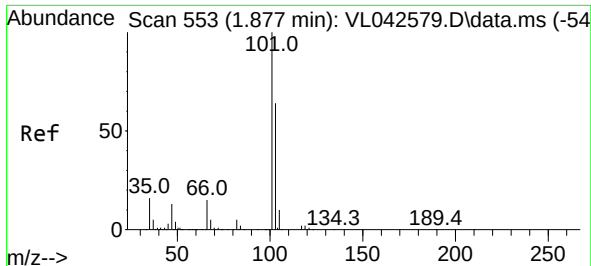
Tgt Ion: 43 Resp: 7757

Ion Ratio Lower Upper

43 100

57 47.4 38.9 58.3

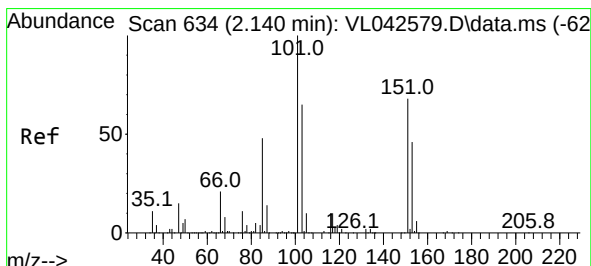
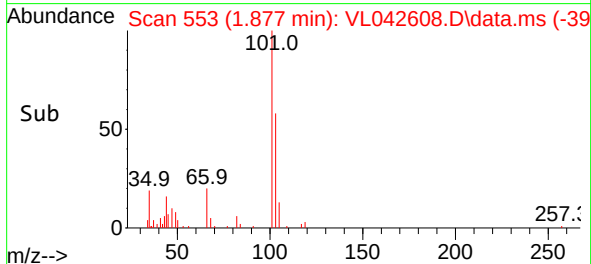
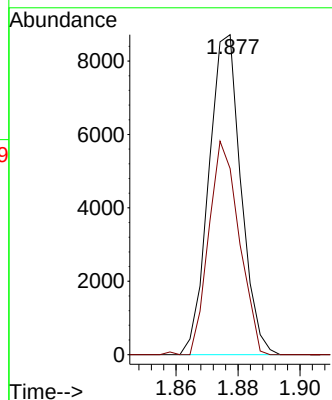
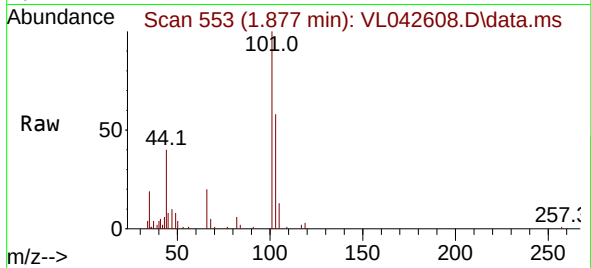




#11
 Trichlorofluoromethane
 Concen: 0.545 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

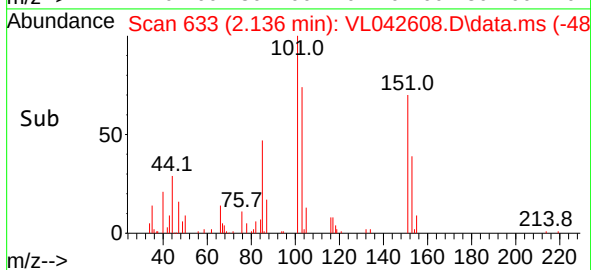
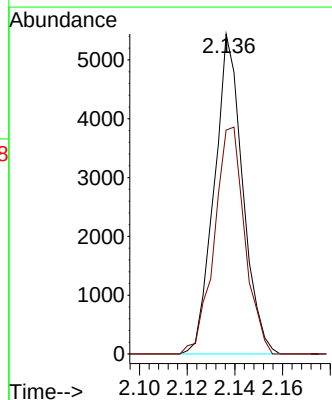
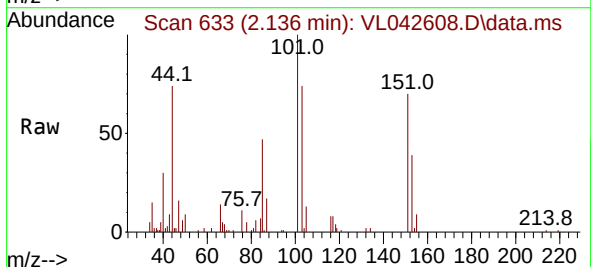
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

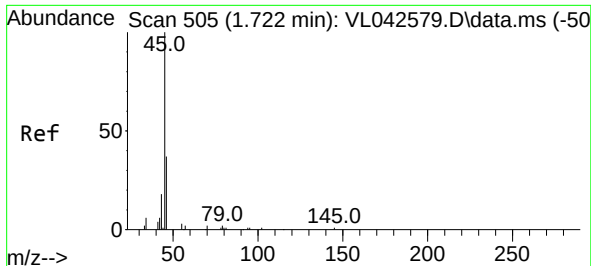
Tgt Ion:101 Resp: 6290
 Ion Ratio Lower Upper
 101 100
 103 58.1 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.496 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.003 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

Tgt Ion:101 Resp: 4499
 Ion Ratio Lower Upper
 101 100
 151 76.1 55.3 82.9

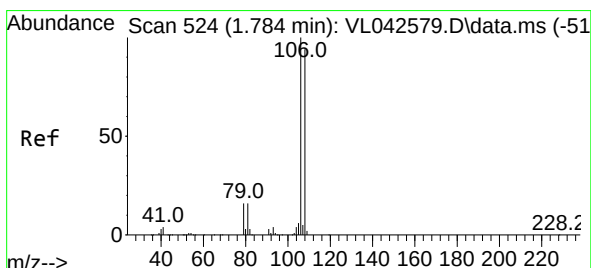
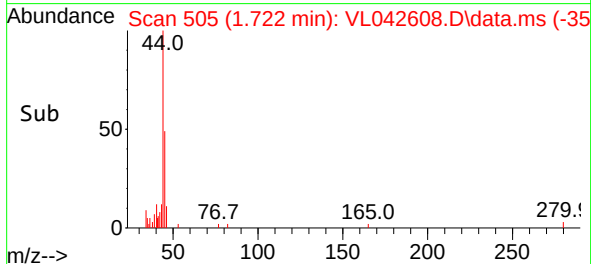
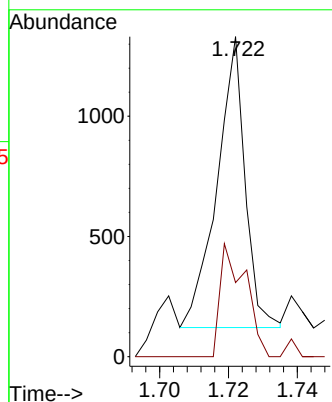
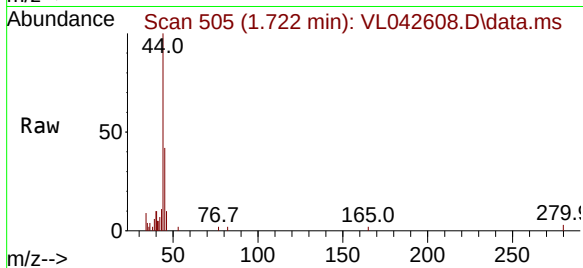




#13
Ethanol
Concen: 0.835 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

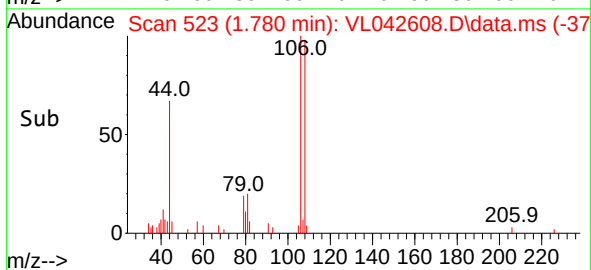
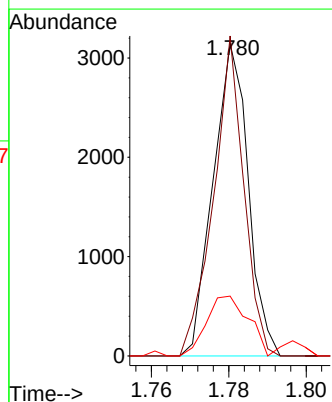
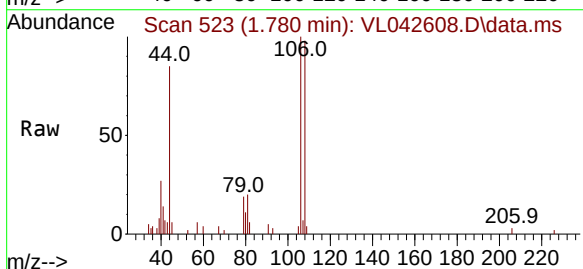
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

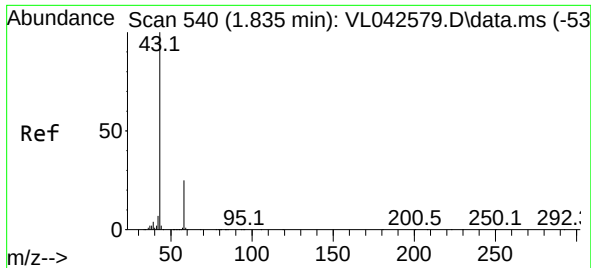
Tgt Ion: 45 Resp: 685
Ion Ratio Lower Upper
45 100
46 37.1 14.5 58.1



#14
Bromoethene
Concen: 0.580 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 108 Resp: 1977
Ion Ratio Lower Upper
108 100
106 88.0 87.9 131.9
79 33.9 15.6 23.4#

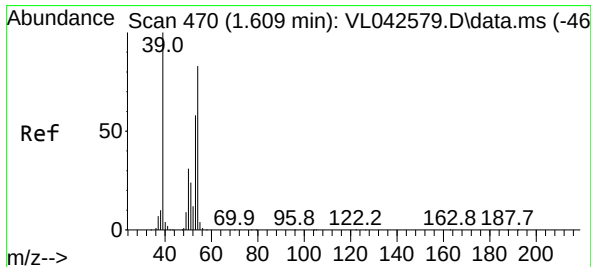
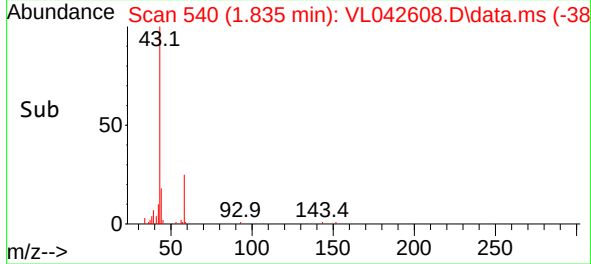
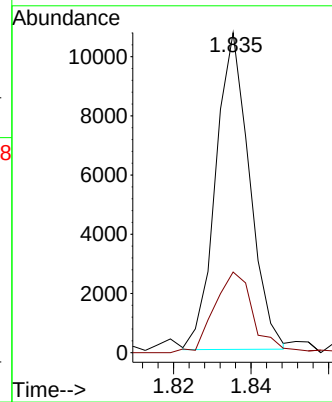
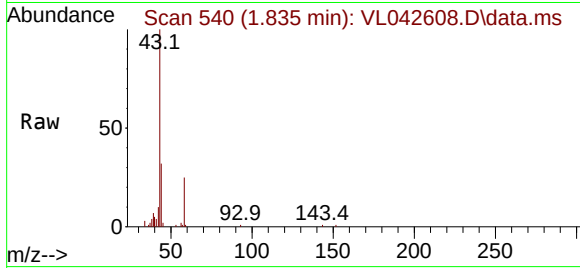




#15
Acetone
Concen: 0.534 ppbv
RT: 1.835 min Scan# 54
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

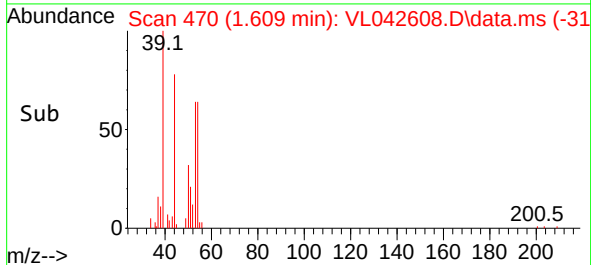
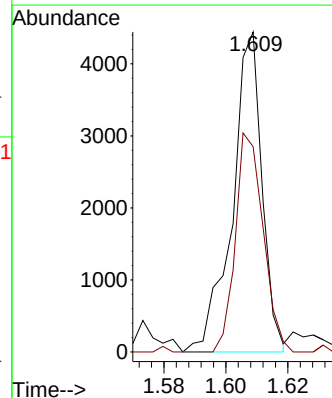
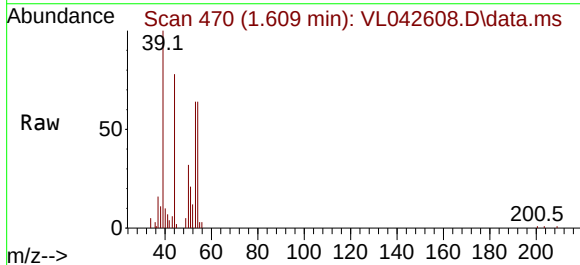
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

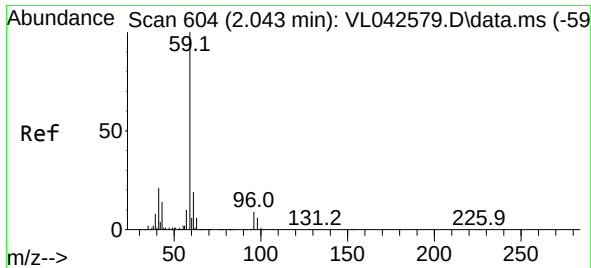
Tgt Ion: 43 Resp: 6488
Ion Ratio Lower Upper
43 100
58 30.4 21.0 31.4



#16
1,3-Butadiene
Concen: 0.513 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 39 Resp: 2958
Ion Ratio Lower Upper
39 100
54 64.5 57.9 86.9





#17

tert-Butyl alcohol

Concen: 0.491 ppbv

RT: 2.042 min Scan# 604

Delta R.T. -0.000 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_1

ClientSampleId :

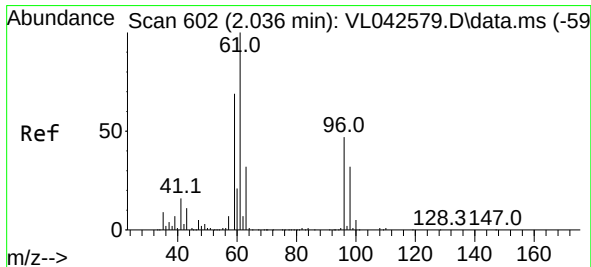
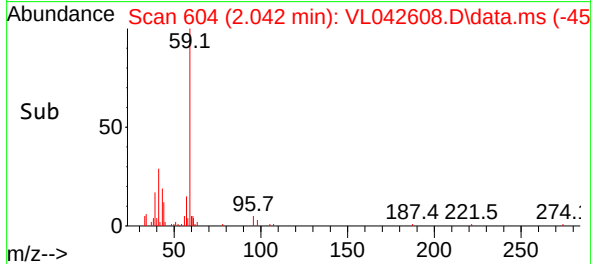
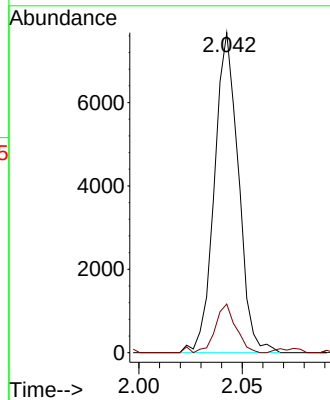
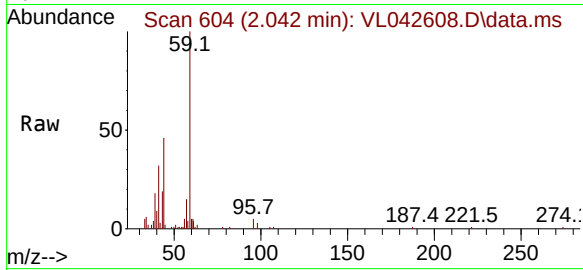
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 59 Resp: 6220

Ion Ratio Lower Upper

59 100

57 14.8 8.6 12.8#



#18

1,1-Dichloroethene

Concen: 0.502 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

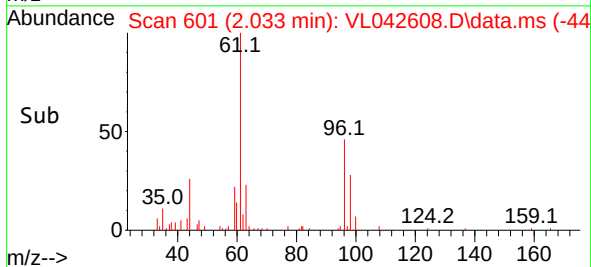
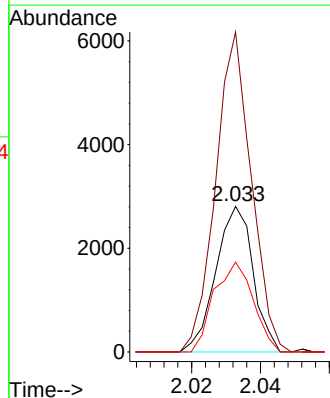
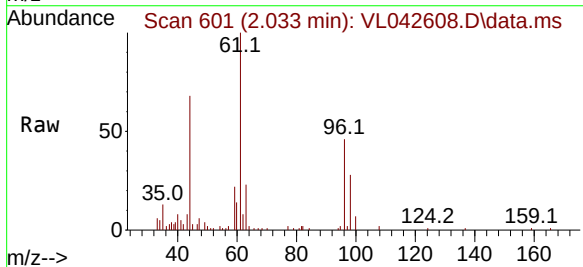
Tgt Ion: 96 Resp: 2108

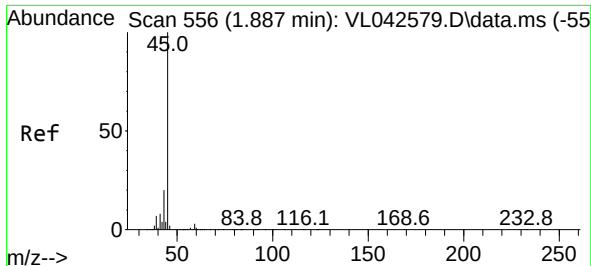
Ion Ratio Lower Upper

96 100

61 219.8 171.1 256.7

98 61.8 54.4 81.6

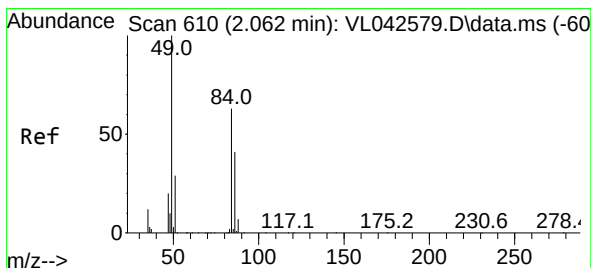
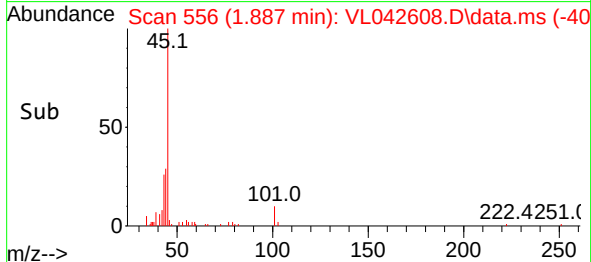
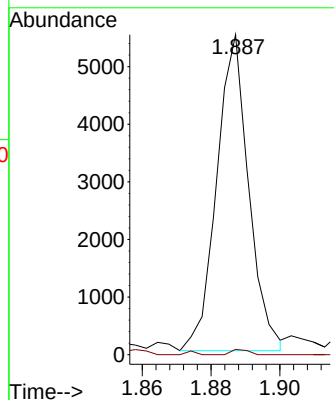
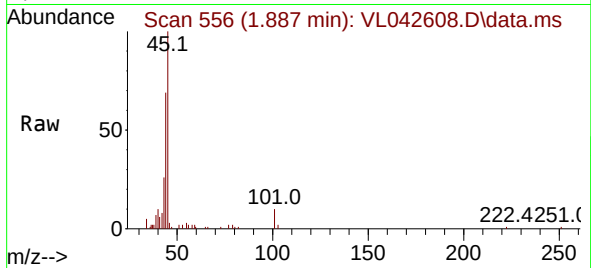




#19
Isopropyl Alcohol
Concen: 0.488 ppbv
RT: 1.887 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

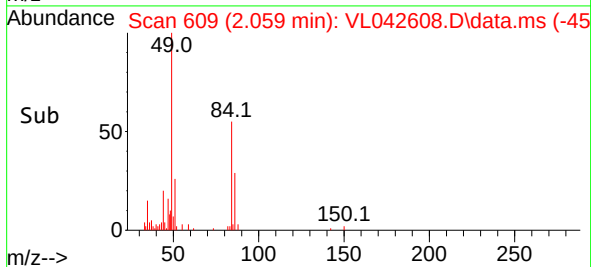
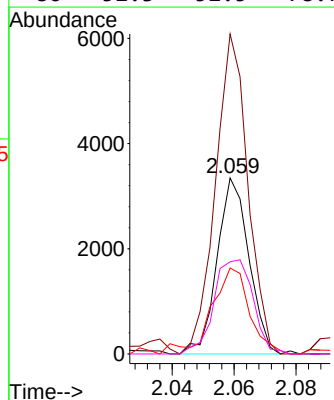
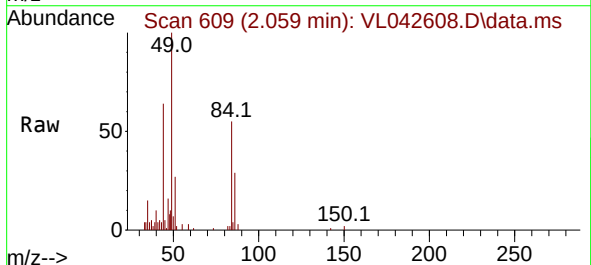
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

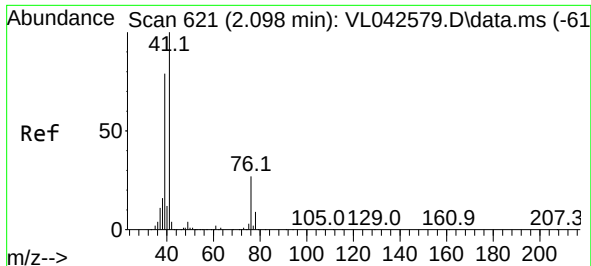
Tgt Ion: 45 Resp: 3549
Ion Ratio Lower Upper
45 100
58 55.2 29.4 44.2#



#20
Methylene Chloride
Concen: 0.594 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 84 Resp: 2385
Ion Ratio Lower Upper
84 100
49 181.8 128.8 193.2
51 46.8 38.6 57.8
86 52.3 52.5 78.7#

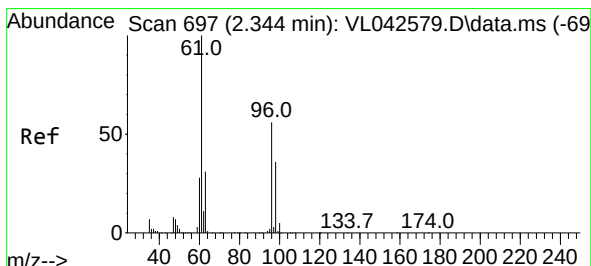
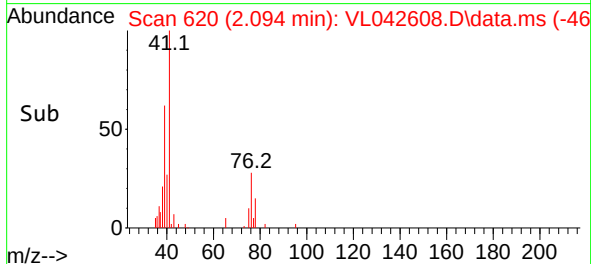
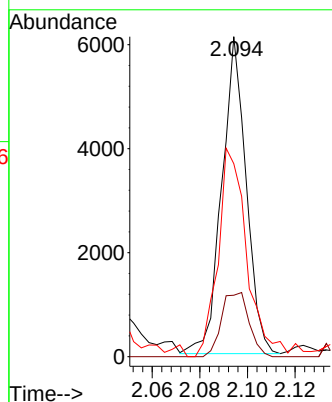
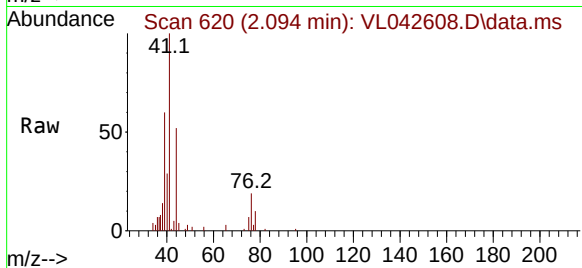




#21
 Allyl Chloride
 Concen: 0.505 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

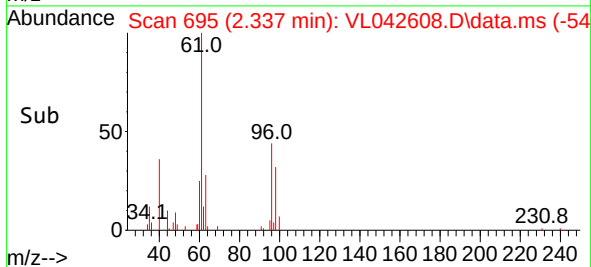
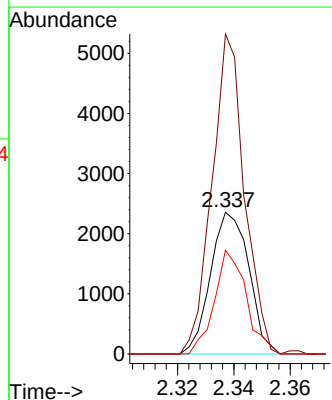
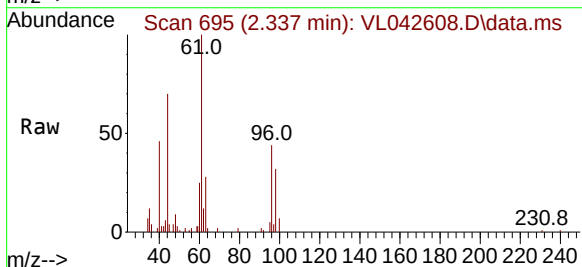
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

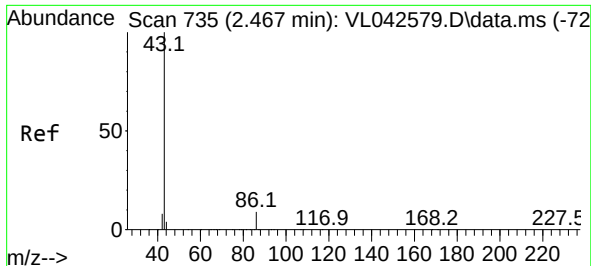
Tgt Ion: 41	Resp:	4335
Ion	Ratio	Lower Upper
41	100	
76	22.8	21.2 31.8
39	77.8	60.9 91.3



#22
 trans-1,2-Dichloroethene
 Concen: 0.473 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.007 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

Tgt Ion: 96	Resp:	2221
Ion	Ratio	Lower Upper
96	100	
61	225.8	142.6 214.0#
98	73.3	51.0 76.4

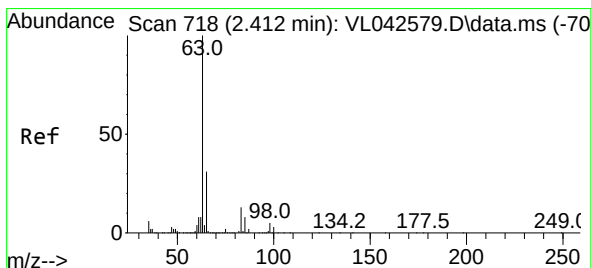
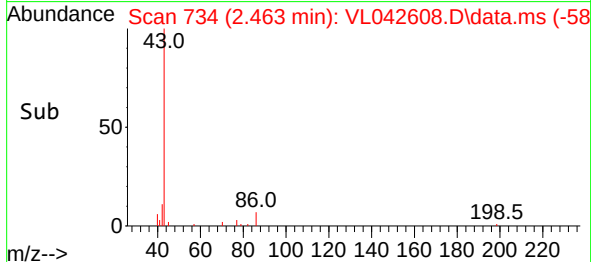
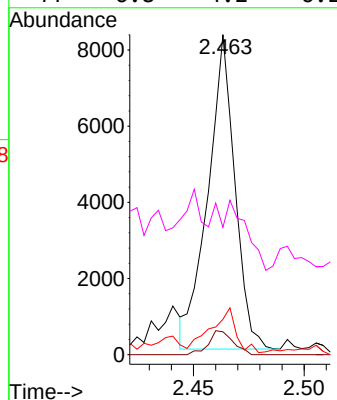
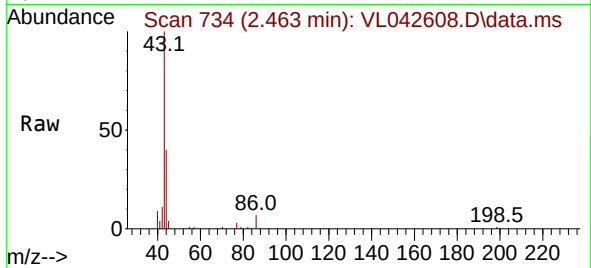




#23
 Vinyl Acetate
 Concen: 0.426 ppbv
 RT: 2.463 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

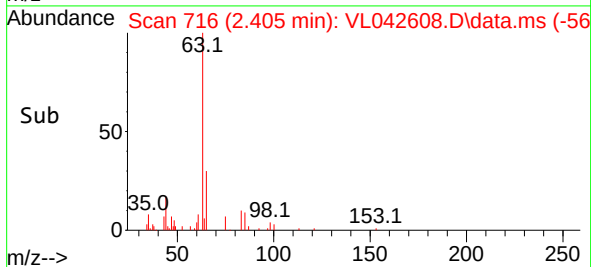
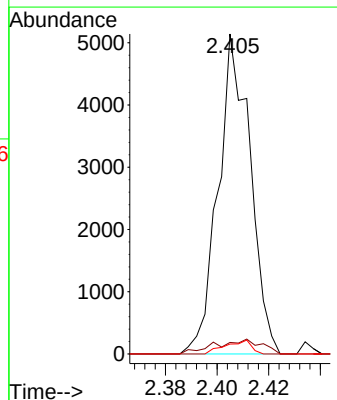
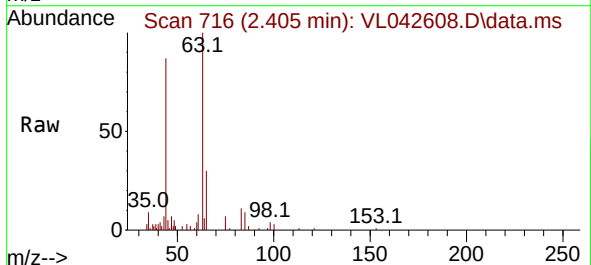
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

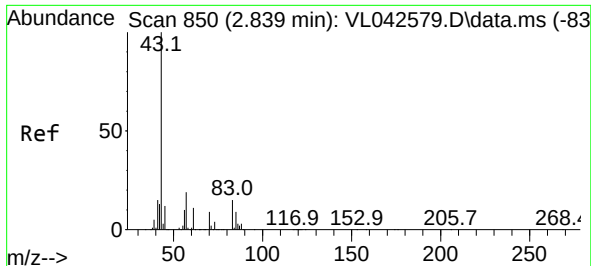
Tgt Ion:	43	Resp:	7001
Ion	Ratio	Lower	Upper
43	100		
86	7.3	6.6	9.8
42	10.1	7.0	10.4
44	6.8	4.2	6.2



#24
 1,1-Dichloroethane
 Concen: 0.459 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.007 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

Tgt Ion:	63	Resp:	4436
Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.4	7.1
100	3.1	1.4	4.0

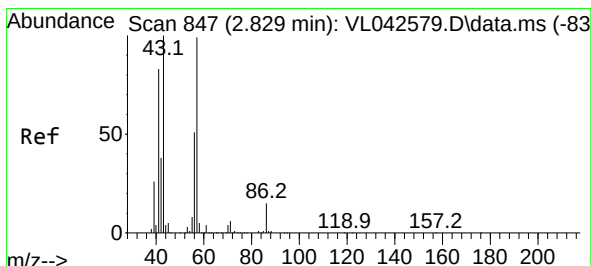
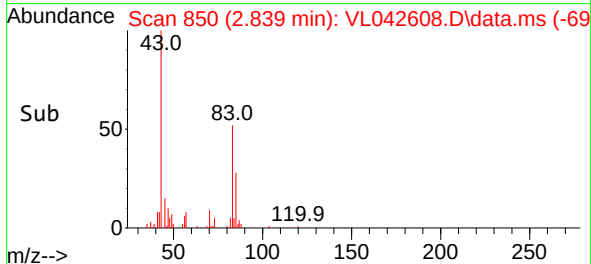
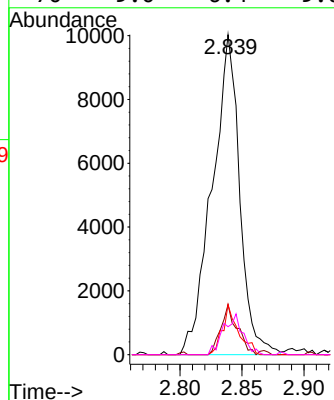
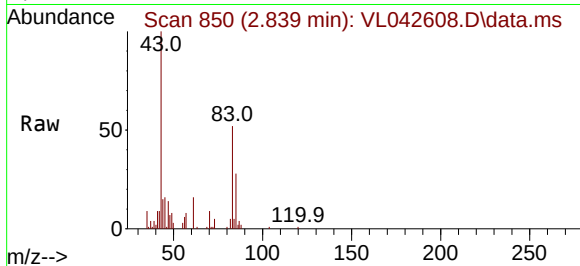




#25
Ethyl Acetate
Concen: 0.466 ppbv
RT: 2.839 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

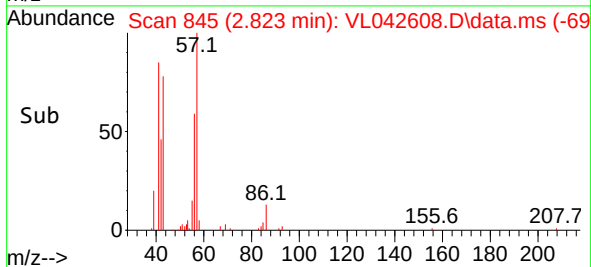
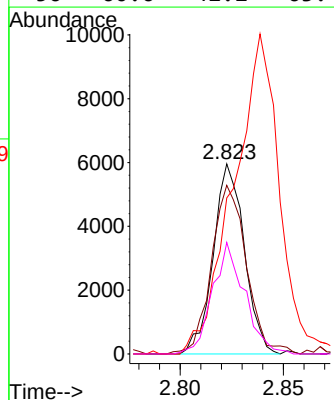
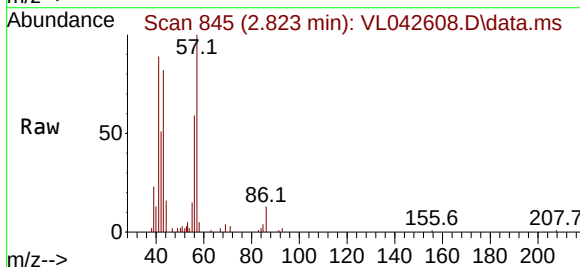
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

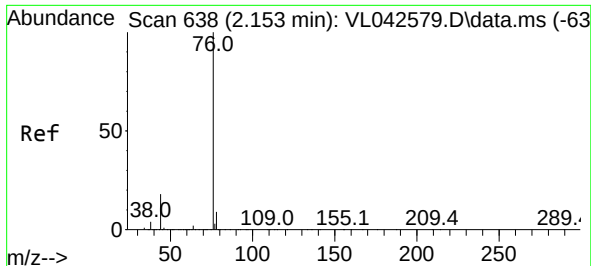
Tgt Ion: 43	Resp: 15514
Ion Ratio	Lower Upper
43 100	
45 9.9	8.2 12.2
61 9.0	7.1 10.7
70 9.0	6.4 9.6



#26
Hexane
Concen: 0.412 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 57	Resp: 6230
Ion Ratio	Lower Upper
57 100	
41 101.3	70.6 106.0
43 254.6	181.1 271.7
56 60.6	42.2 63.4

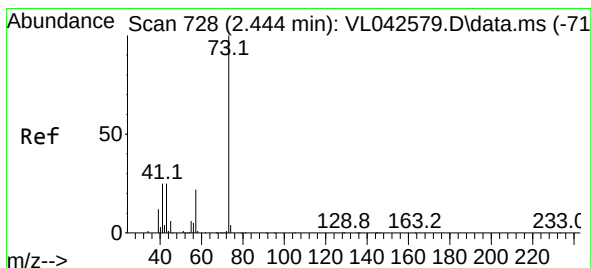
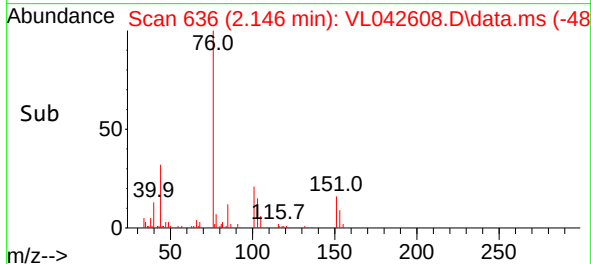
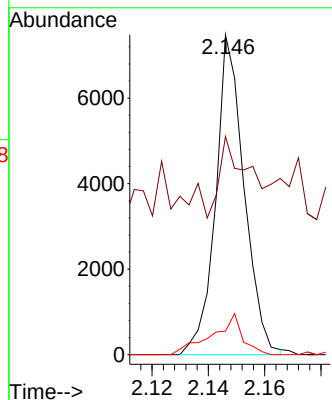
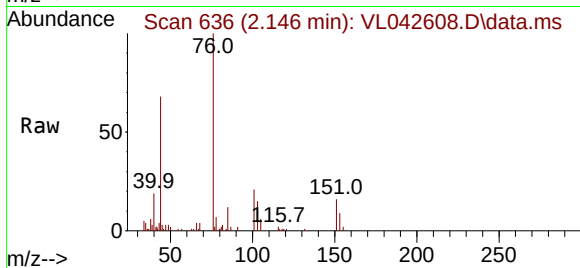




#27
Carbon Disulfide
Concen: 0.452 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

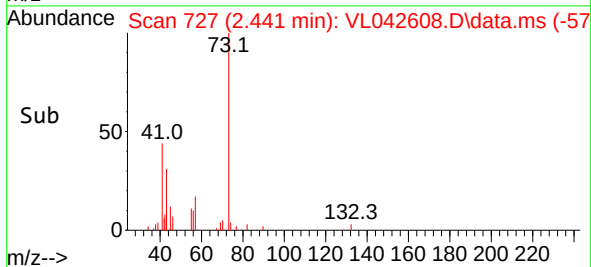
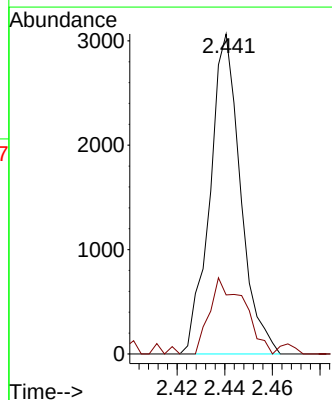
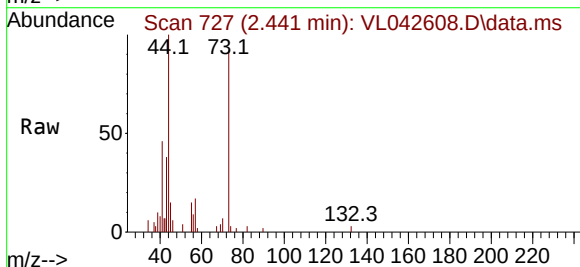
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

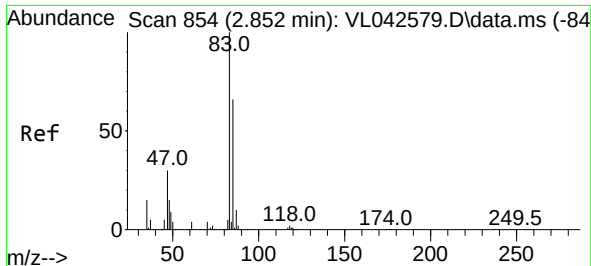
Tgt Ion: 76 Resp: 5250
Ion Ratio Lower Upper
76 100
44 289.7 21.3 31.9#
78 13.5 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 0.447 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 73 Resp: 2740
Ion Ratio Lower Upper
73 100
57 28.9 19.9 29.9





#29

Chloroform

Concen: 0.531 ppbv

RT: 2.845 min Scan# 852

Delta R.T. -0.007 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

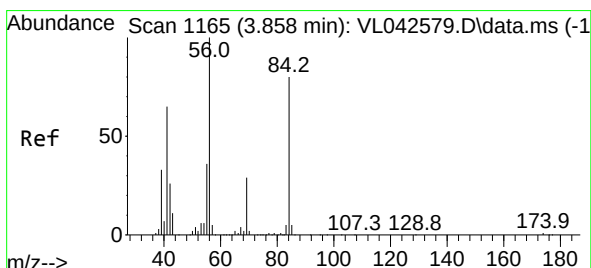
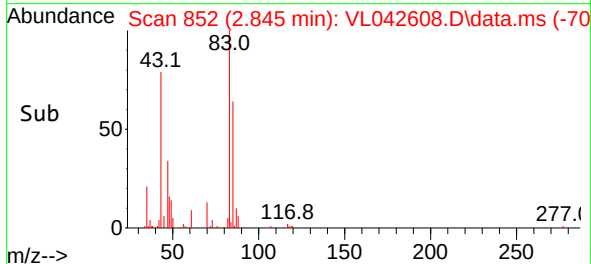
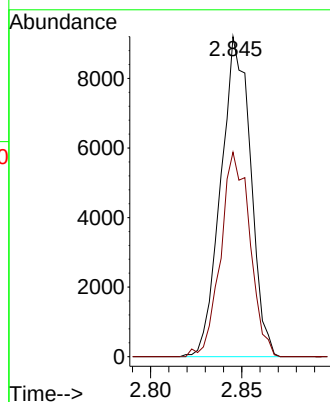
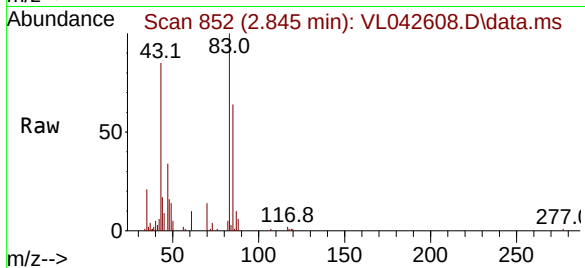
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 83 Resp: 10447

Ion Ratio Lower Upper

83 100

85 63.9 52.8 79.2



#30

Cyclohexane

Concen: 0.409 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

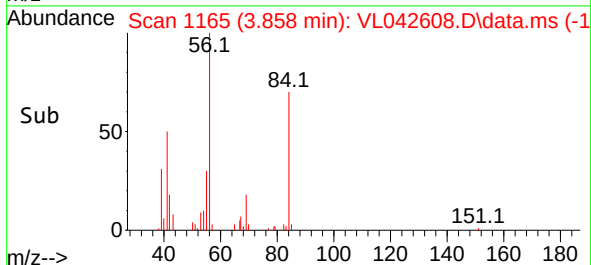
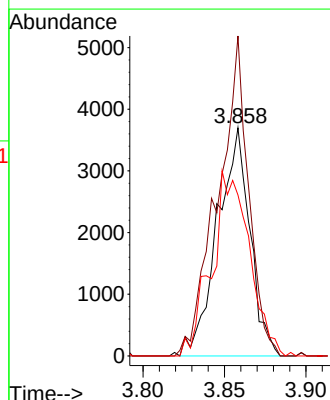
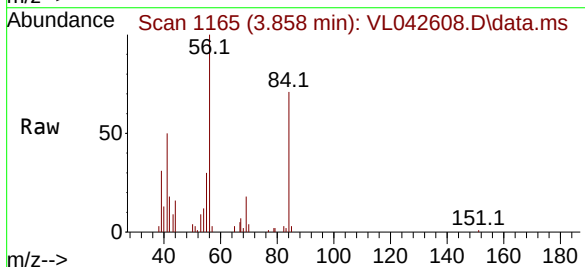
Tgt Ion: 84 Resp: 5131

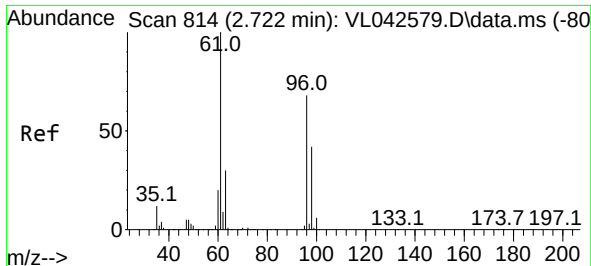
Ion Ratio Lower Upper

84 100

56 132.7 103.7 155.5

41 94.2 65.1 97.7

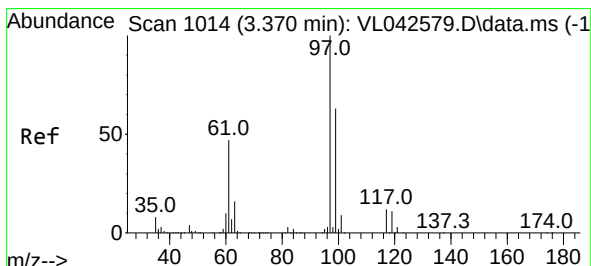
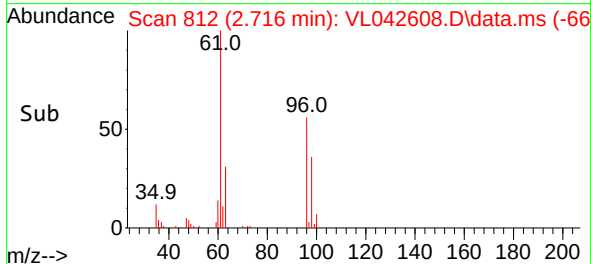
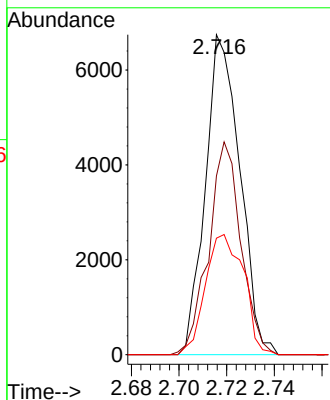
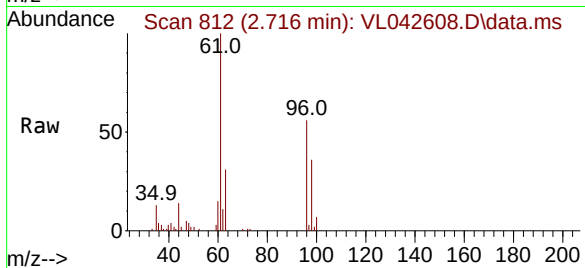




#31
 cis-1,2-Dichloroethene
 Concen: 0.491 ppbv
 RT: 2.716 min Scan# 814
 Delta R.T. -0.007 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

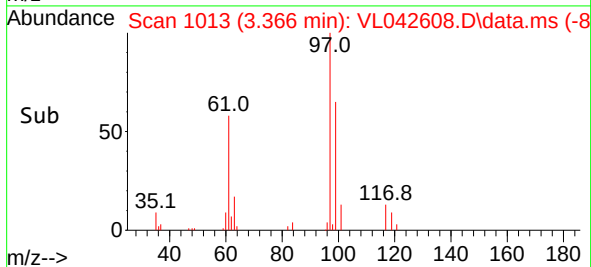
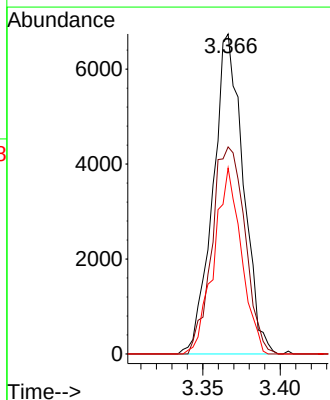
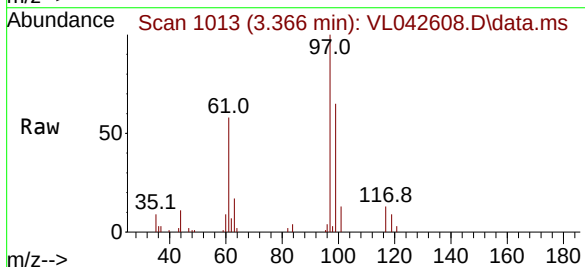
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

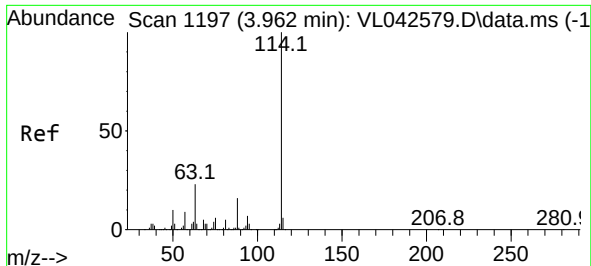
Tgt Ion: 61 Resp: 6796
 Ion Ratio Lower Upper
 61 100
 96 55.9 54.5 81.7
 98 36.4 33.4 50.2



#32
 1,1,1-Trichloroethane
 Concen: 0.455 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.003 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

Tgt Ion: 97 Resp: 9150
 Ion Ratio Lower Upper
 97 100
 99 70.7 51.0 76.6
 61 53.0 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.007 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

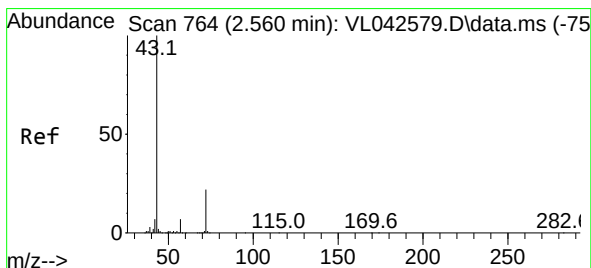
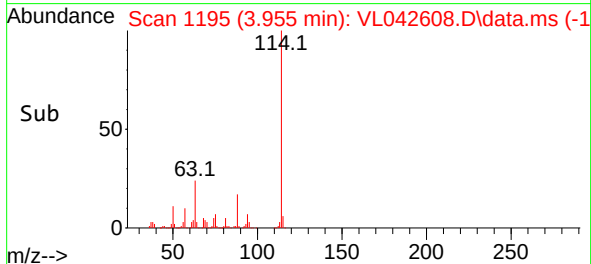
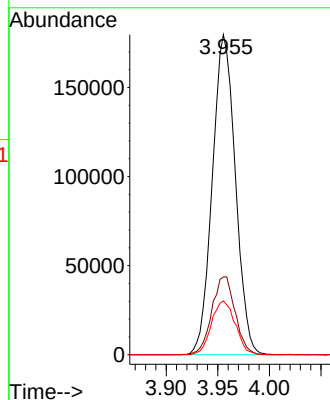
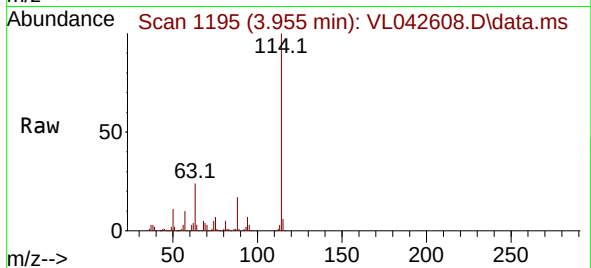
Tgt Ion:114 Resp: 278712

Ion Ratio Lower Upper

114 100

63 24.6 19.0 28.6

88 17.3 13.6 20.4



#34

2-Butanone

Concen: 0.549 ppbv

RT: 2.560 min Scan# 764

Delta R.T. -0.000 min

Lab File: VL042608.D

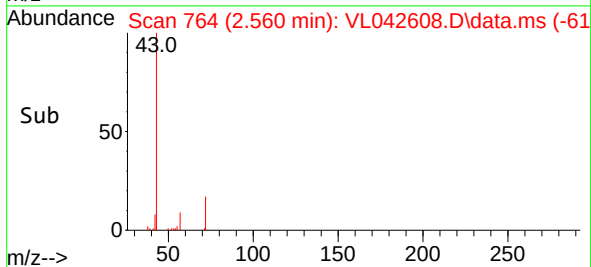
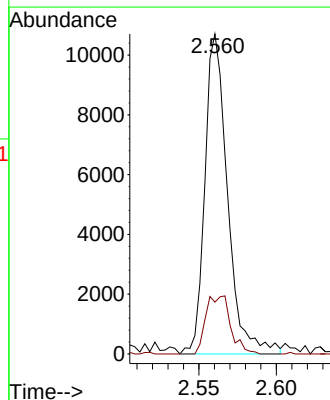
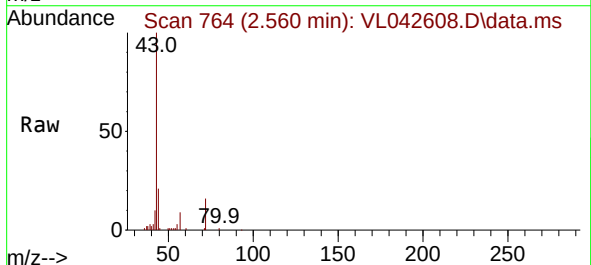
Acq: 03 Jun 2025 13:35

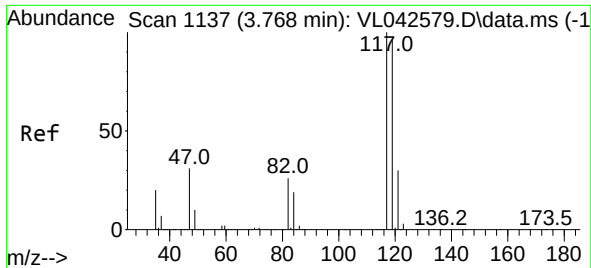
Tgt Ion: 43 Resp: 10907

Ion Ratio Lower Upper

43 100

72 19.8 17.7 26.5

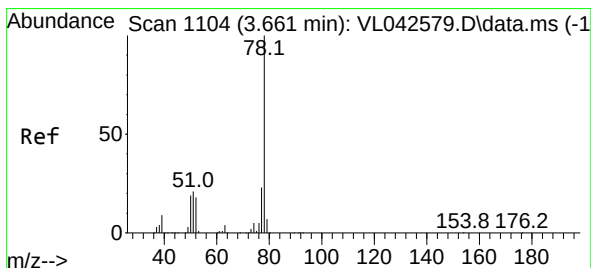
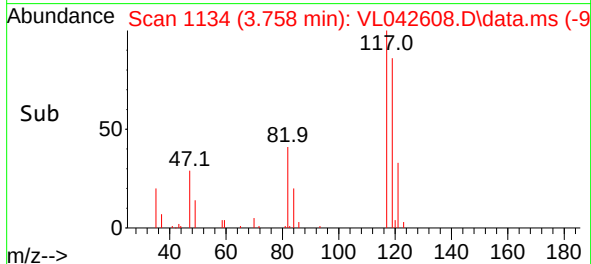
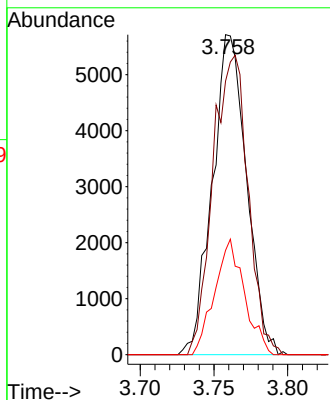
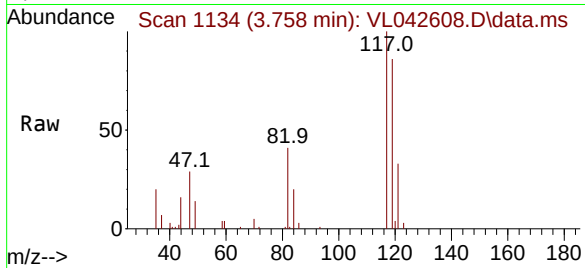




#35
Carbon Tetrachloride
Concen: 0.502 ppbv
RT: 3.758 min Scan# 1137
Delta R.T. -0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

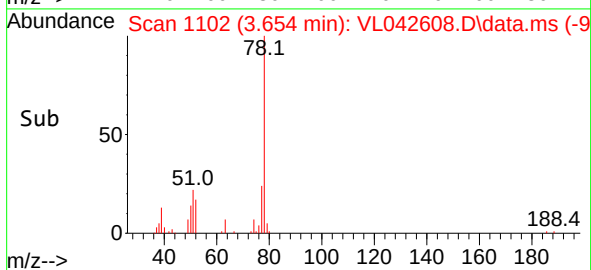
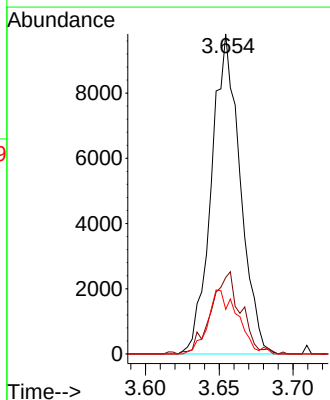
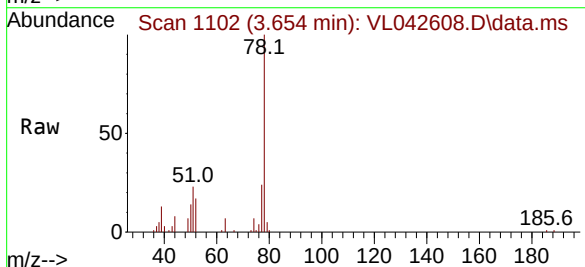
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

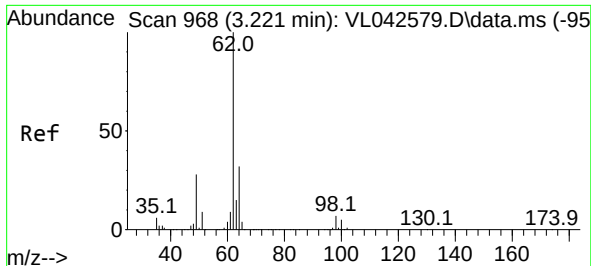
Tgt Ion:117 Resp: 9231
Ion Ratio Lower Upper
117 100
119 85.5 76.8 115.2
121 32.6 24.3 36.5



#36
Benzene
Concen: 0.486 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 78 Resp: 13329
Ion Ratio Lower Upper
78 100
77 23.9 18.2 27.2
50 13.9 15.2 22.8#

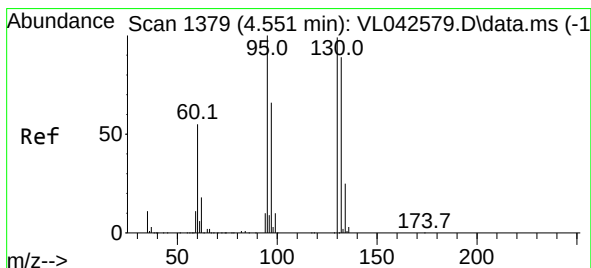
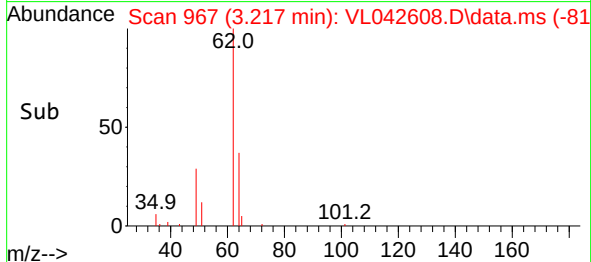
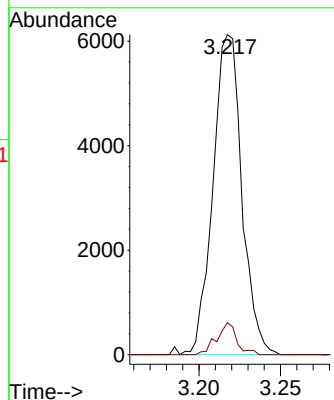
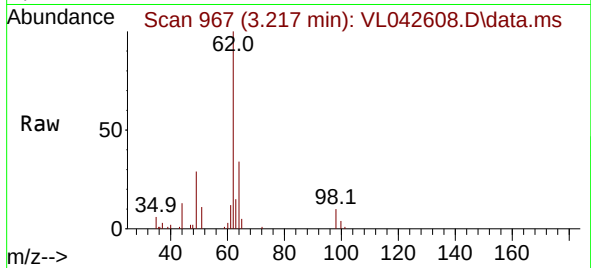




#37
1,2-Dichloroethane
Concen: 0.553 ppbv
RT: 3.217 min Scan# 967
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

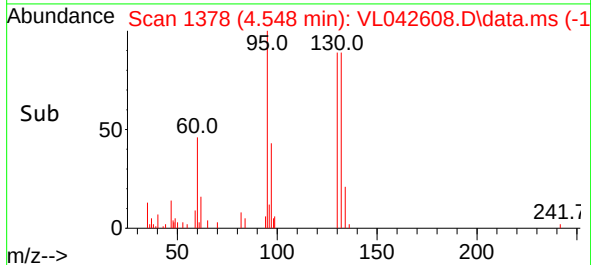
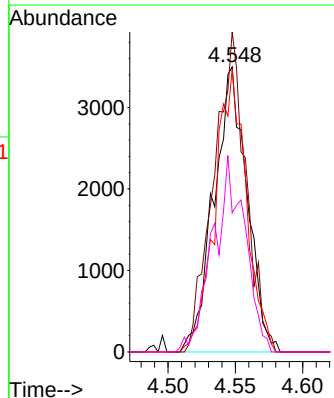
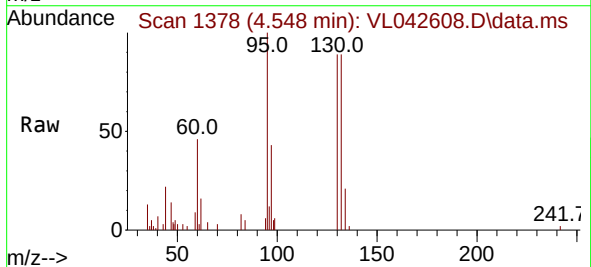
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

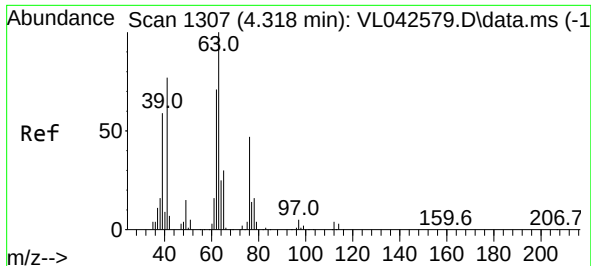
Tgt Ion: 62 Resp: 7539
Ion Ratio Lower Upper
62 100
98 7.0 6.1 9.1



#38
Trichloroethene
Concen: 0.512 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:130 Resp: 5978
Ion Ratio Lower Upper
130 100
95 112.3 80.6 121.0
132 99.4 71.8 107.6
97 48.8 53.0 79.4#





#39

1,2-Dichloropropane

Concen: 0.246 ppbv

RT: 4.318 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

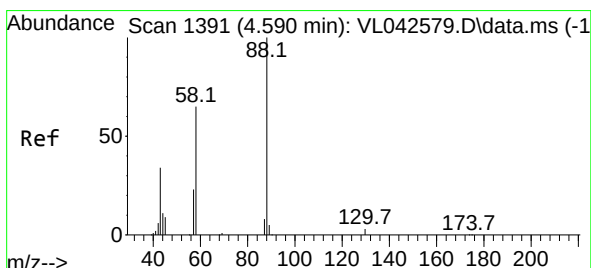
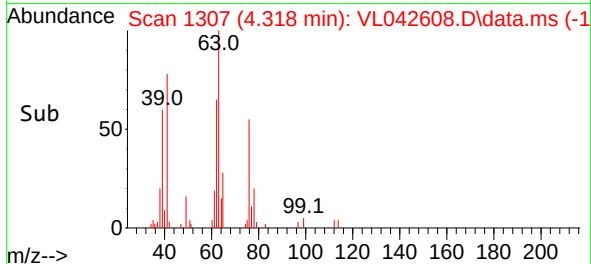
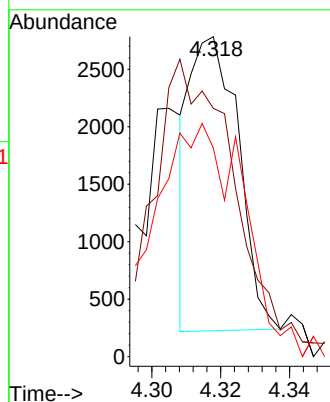
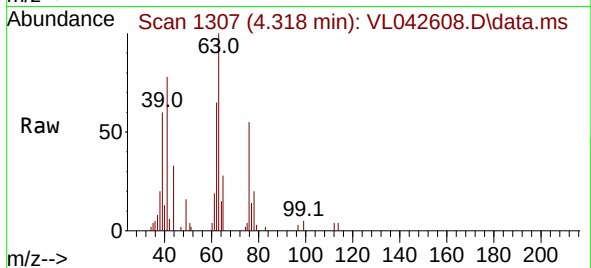
Tgt Ion: 63 Resp: 2498

Ion Ratio Lower Upper

63 100

41 75.9 61.8 92.6

62 64.2 56.6 85.0



#40

1,4-Dioxane

Concen: 0.157 ppbv

RT: 4.596 min Scan# 1393

Delta R.T. 0.006 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Tgt Ion: 88 Resp: 711

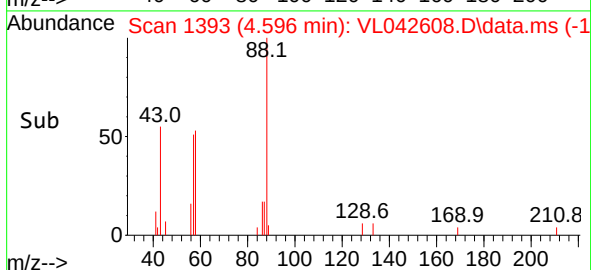
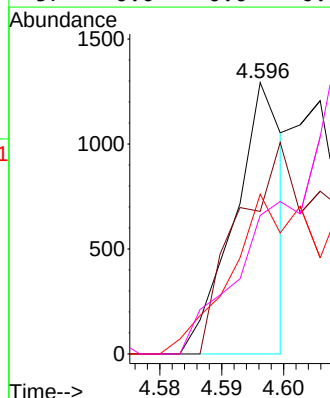
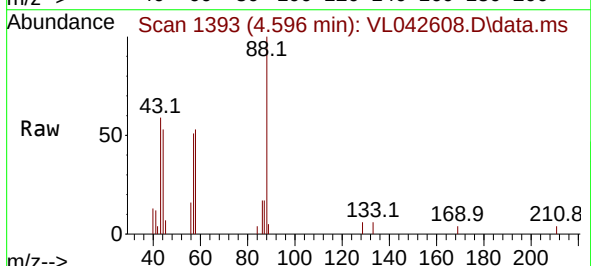
Ion Ratio Lower Upper

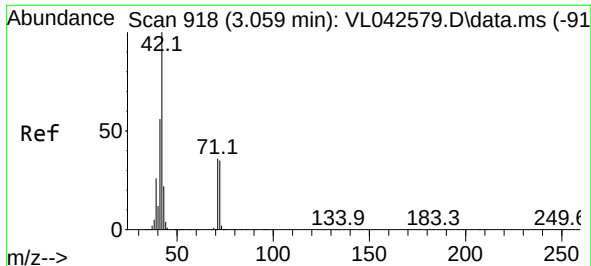
88 100

58 240.6 55.8 83.8#

43 0.0 24.8 37.2#

57 0.0 0.0 0.0

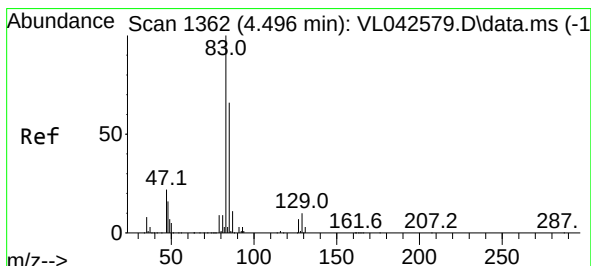
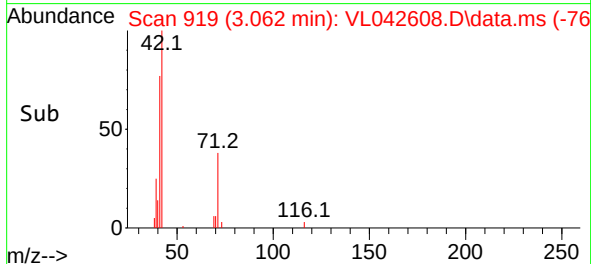
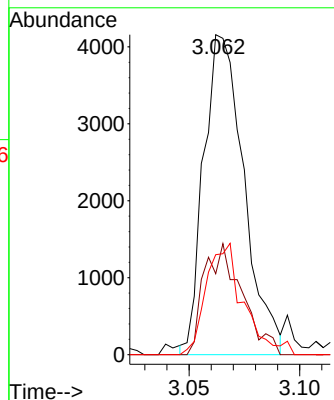
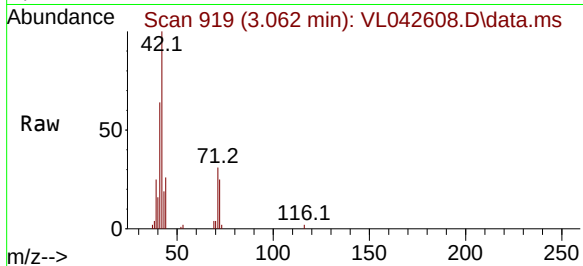




#41
Tetrahydrofuran
Concen: 0.451 ppbv
RT: 3.062 min Scan# 918
Delta R.T. 0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

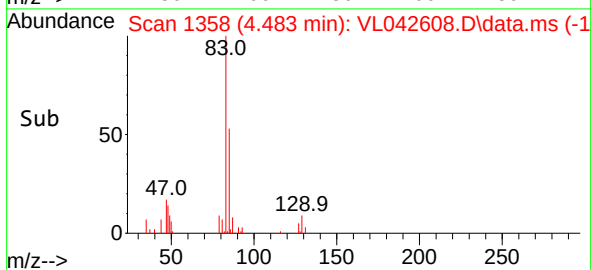
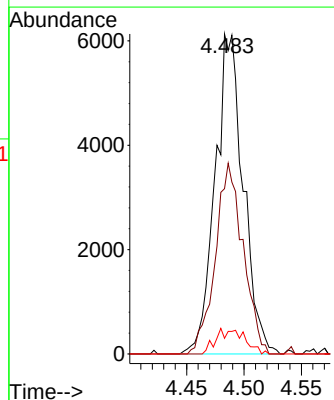
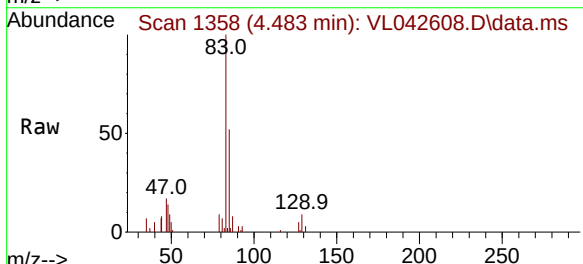
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

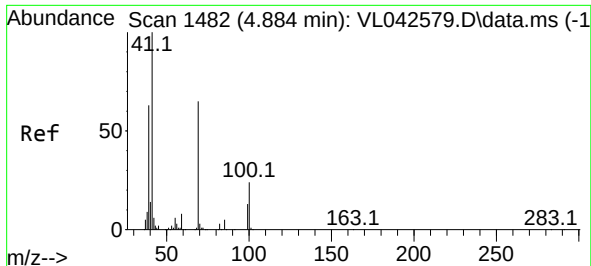
Tgt Ion:	42	Resp:	5249
Ion	Ratio	Lower	Upper
42	100		
72	32.7	28.9	43.3
71	32.1	28.5	42.7



#42
Bromodichloromethane
Concen: 0.540 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. -0.013 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:	83	Resp:	10471
Ion	Ratio	Lower	Upper
83	100		
85	53.2	52.7	79.1
127	4.9	5.8	8.6





#43

Methyl Methacrylate

Concen: 0.200 ppbv

RT: 4.878 min Scan# 1480

Delta R.T. -0.007 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

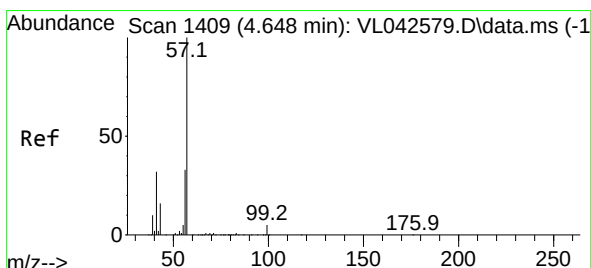
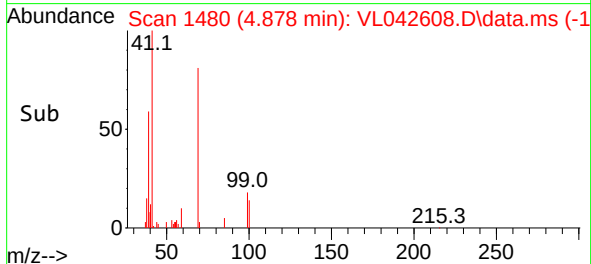
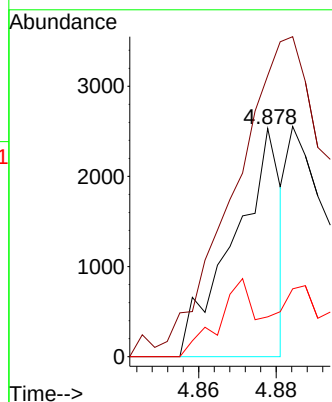
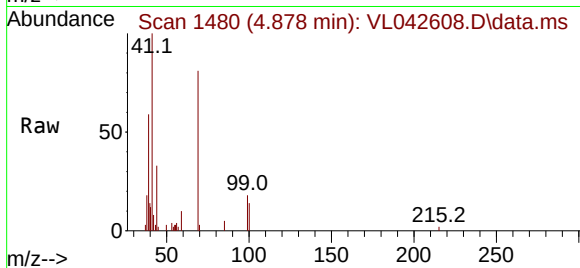
Tgt Ion: 69 Resp: 2126

Ion Ratio Lower Upper

69 100

41 0.0 124.6 187.0#

100 68.0 29.9 44.9#



#44

2,2,4-Trimethylpentane

Concen: 0.422 ppbv

RT: 4.635 min Scan# 1405

Delta R.T. -0.013 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

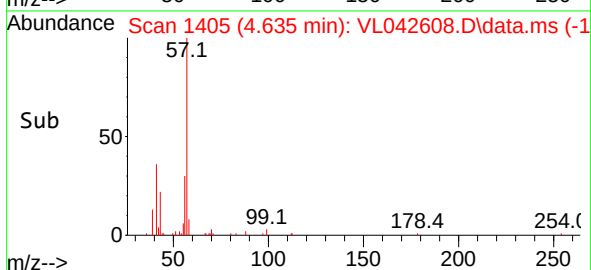
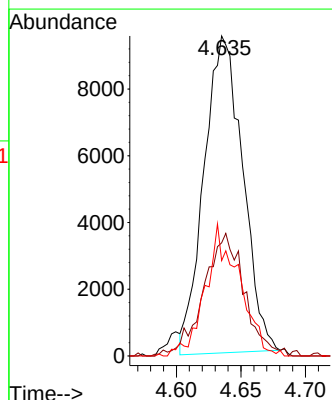
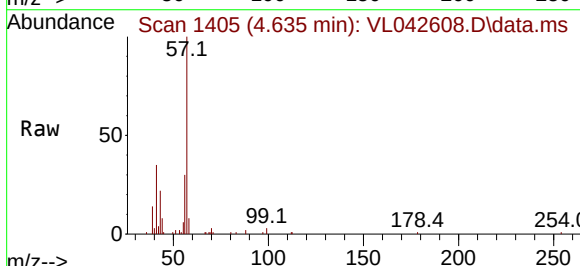
Tgt Ion: 57 Resp: 19811

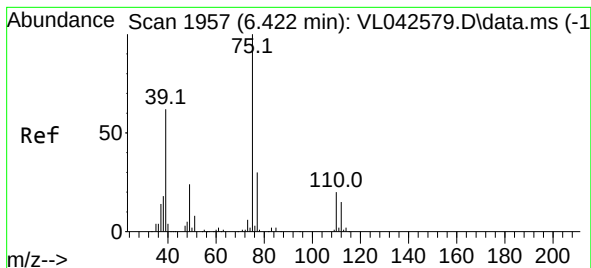
Ion Ratio Lower Upper

57 100

41 41.0 26.1 39.1#

56 36.5 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 0.084 ppbv

RT: 6.418 min Scan# 1956

Delta R.T. -0.003 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

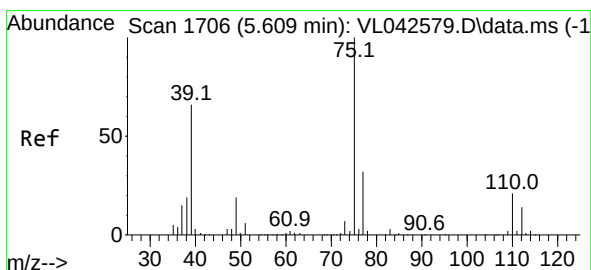
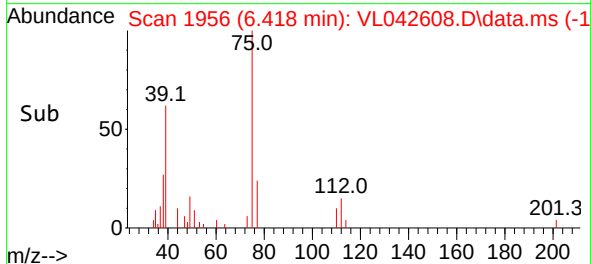
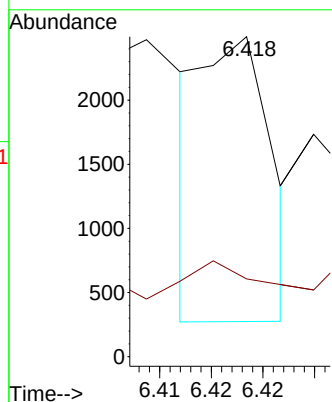
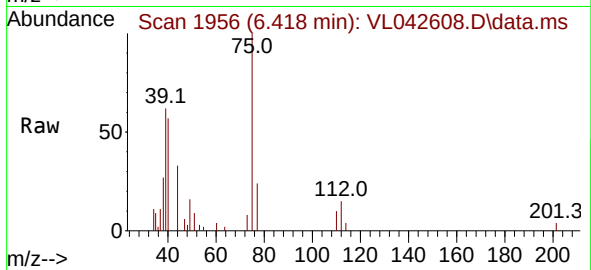
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 75 Resp: 1026

Ion Ratio Lower Upper

75 100

77 24.3 24.2 36.2



#46

cis-1,3-Dichloropropene

Concen: 0.371 ppbv

RT: 5.600 min Scan# 1703

Delta R.T. -0.010 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

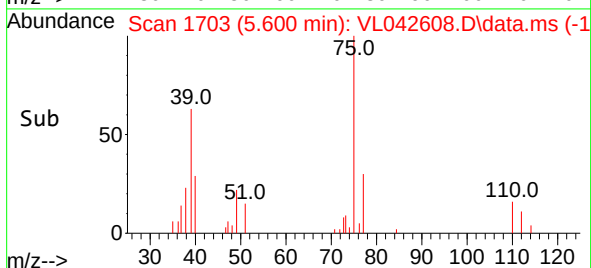
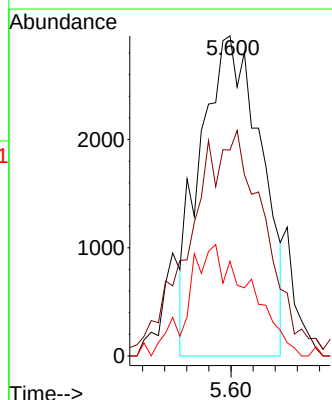
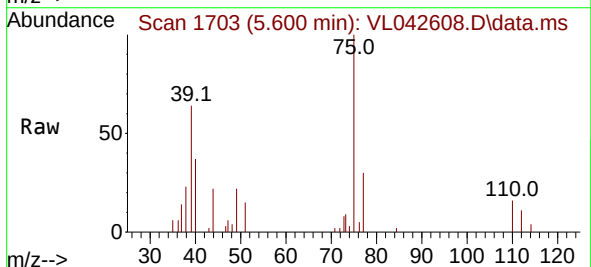
Tgt Ion: 75 Resp: 5660

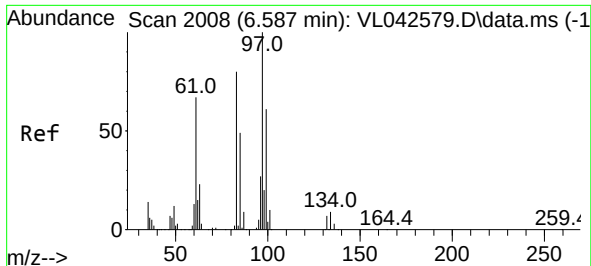
Ion Ratio Lower Upper

75 100

39 59.5 52.7 79.1

77 32.0 25.8 38.8

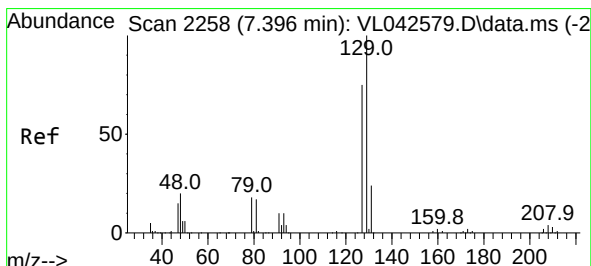
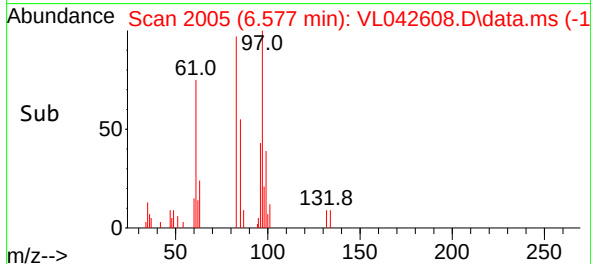
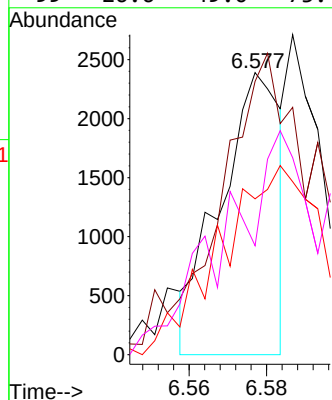
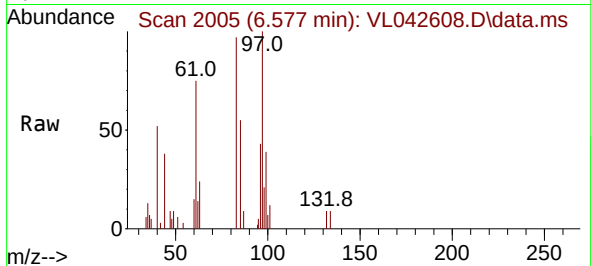




#47
1,1,2-Trichloroethane
Concen: 0.244 ppbv
RT: 6.577 min Scan# 2005
Delta R.T. -0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

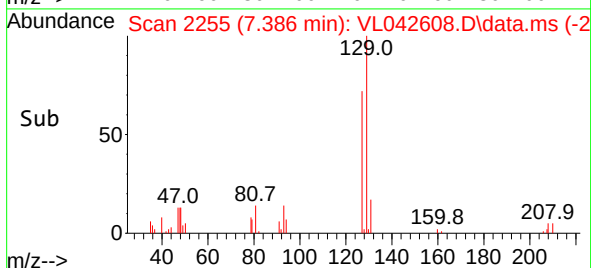
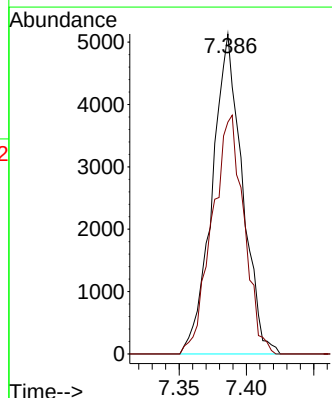
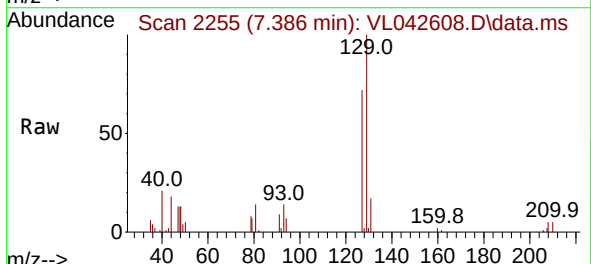
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

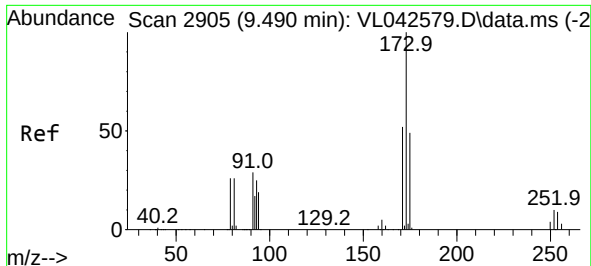
Tgt Ion: 97	Resp: 2567
Ion Ratio	Lower Upper
97 100	
83 99.4	63.9 95.9#
85 58.6	39.2 58.8
99 26.6	49.0 73.4#



#48
Dibromochloromethane
Concen: 0.476 ppbv
RT: 7.386 min Scan# 2255
Delta R.T. -0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:129	Resp:	8001	
Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.0	116.9

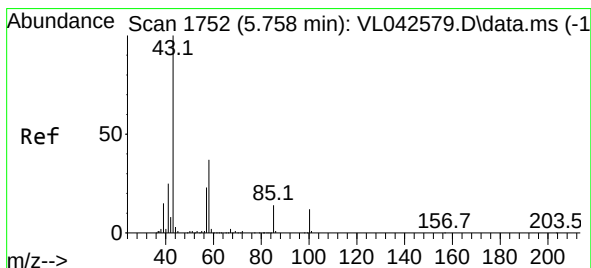
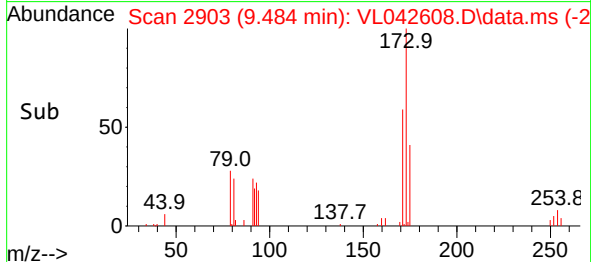
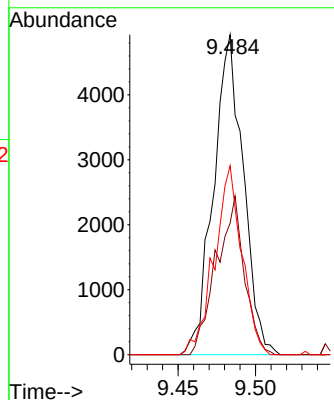
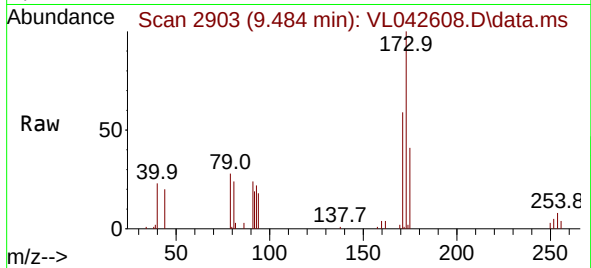




#49
Bromoform
Concen: 0.454 ppbv
RT: 9.484 min Scan# 2903
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

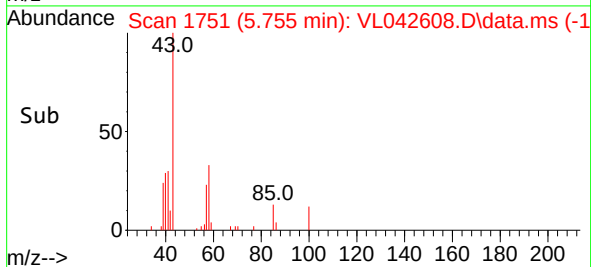
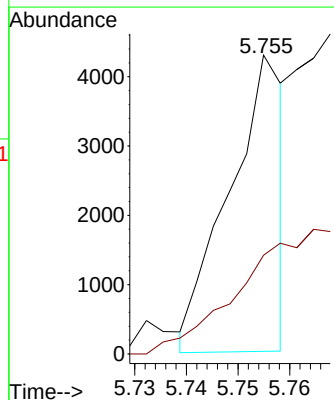
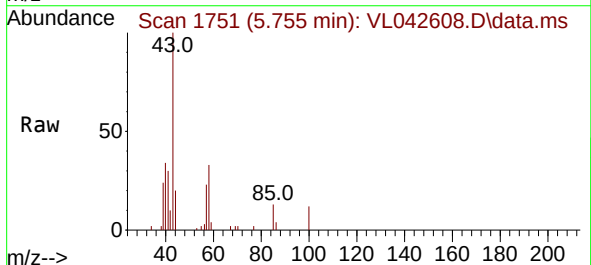
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

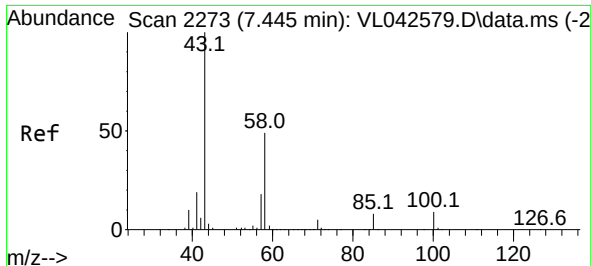
Tgt Ion:173	Resp:	6593
Ion Ratio	Lower	Upper
173	100	
175	46.6	38.7 58.1
171	54.6	41.2 61.8



#50
4-Methyl-2-Pentanone
Concen: 0.114 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 43	Resp:	3138
Ion Ratio	Lower	Upper
43	100	
58	0.0	28.3 42.5#

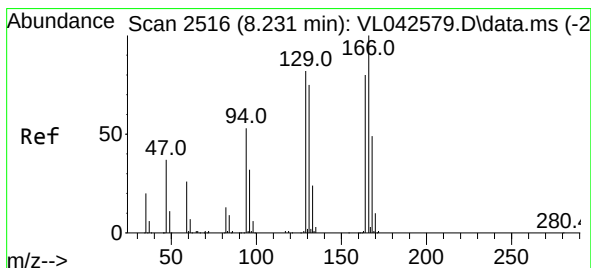
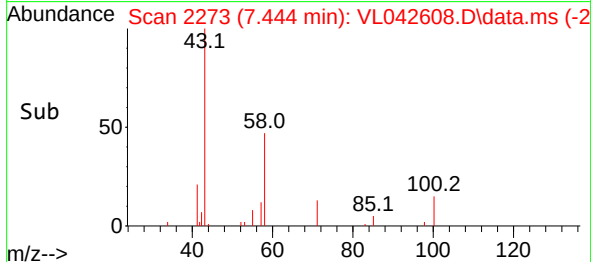
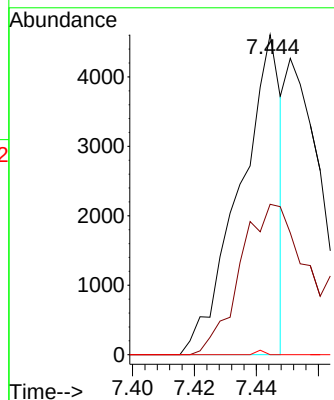
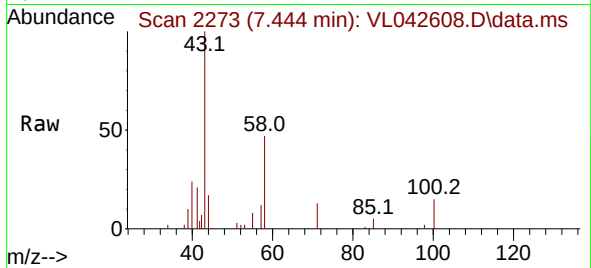




#51
2-Hexanone
Concen: 0.196 ppbv
RT: 7.444 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

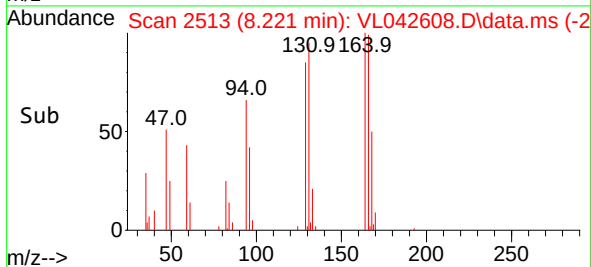
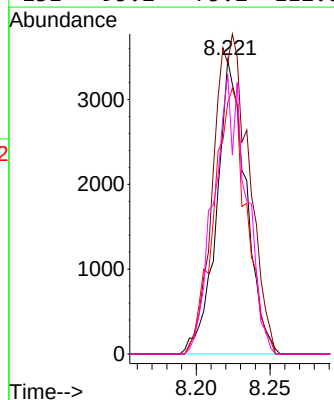
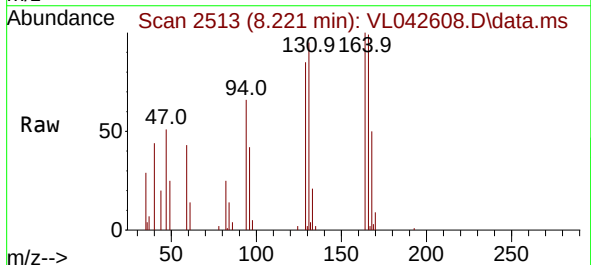
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

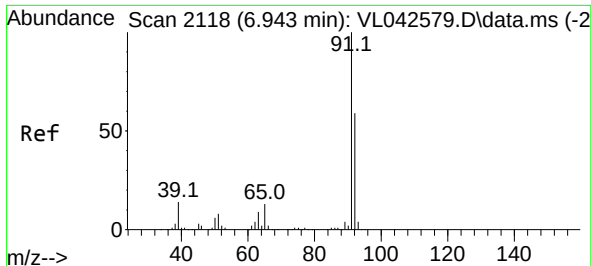
Tgt Ion: 43 Resp: 4290
Ion Ratio Lower Upper
43 100
58 88.7 39.9 59.9#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.468 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 164 Resp: 4798
Ion Ratio Lower Upper
164 100
166 98.8 100.0 150.0#
129 85.4 82.2 123.4
131 95.2 75.2 112.8

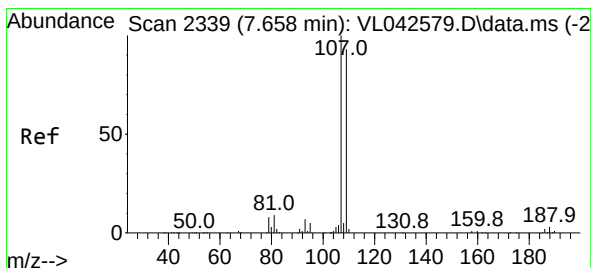
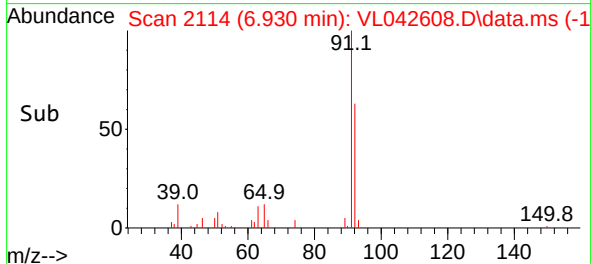
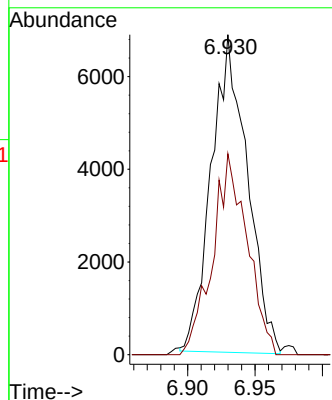
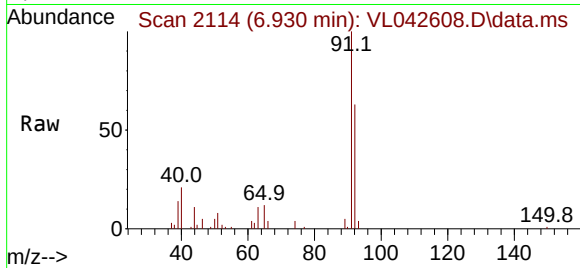




#53
Toluene
Concen: 0.401 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. -0.013 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

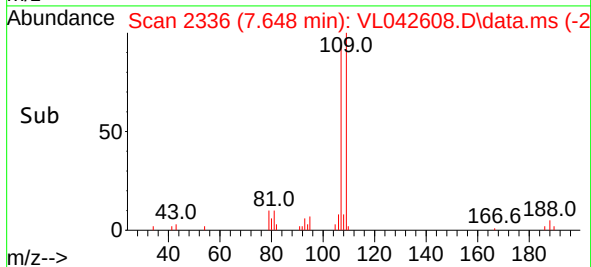
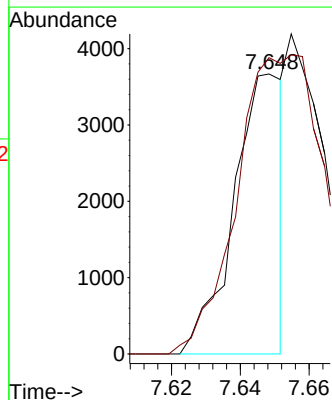
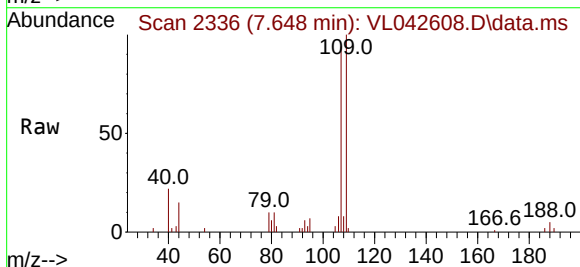
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2025

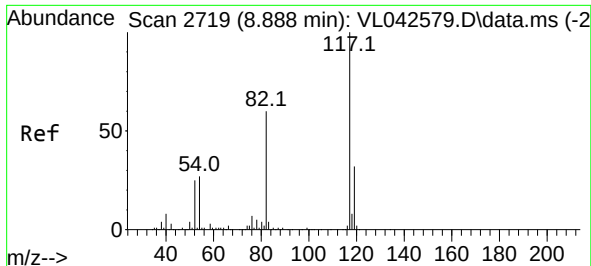
Tgt Ion: 91 Resp: 12714
Ion Ratio Lower Upper
91 100
92 60.7 48.2 72.4



#54
1,2-Dibromoethane
Concen: 0.233 ppbv
RT: 7.648 min Scan# 2336
Delta R.T. -0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 107 Resp: 3616
Ion Ratio Lower Upper
107 100
109 102.7 74.3 111.5

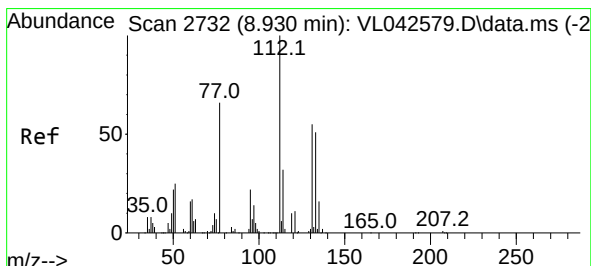
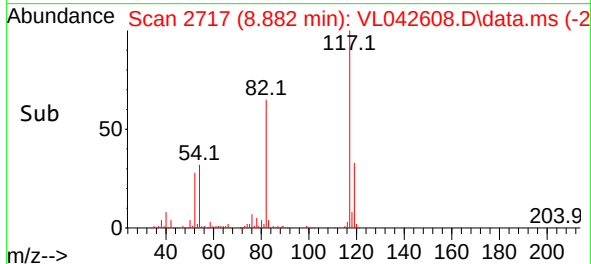
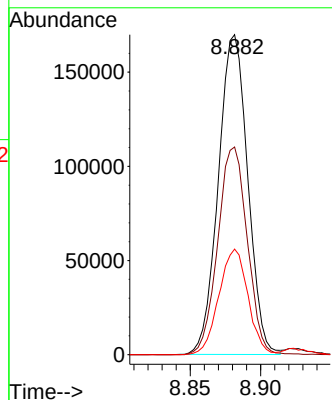
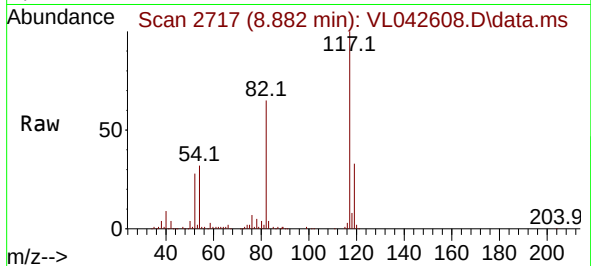




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

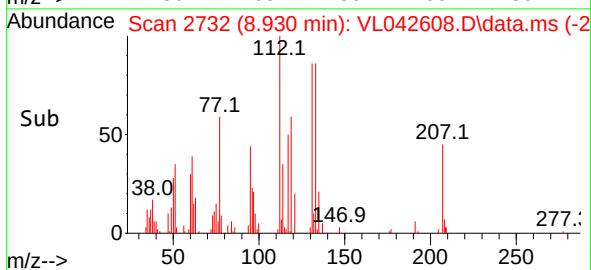
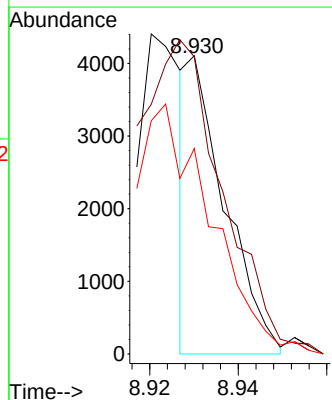
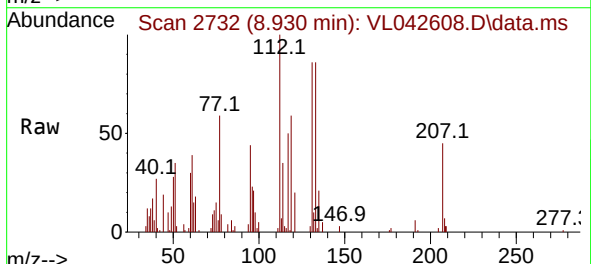
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

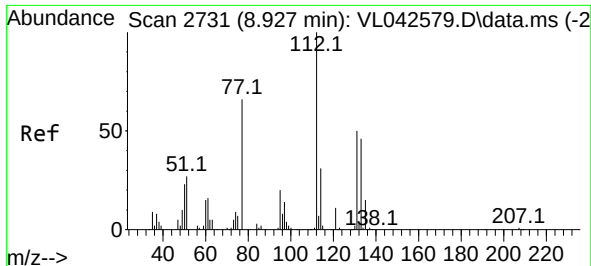
Tgt Ion:117 Resp: 246919
Ion Ratio Lower Upper
117 100
82 65.3 51.2 76.8
119 34.4 26.3 39.5



#56
1,1,1,2-Tetrachloroethane
Concen: 0.192 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:131 Resp: 2384
Ion Ratio Lower Upper
131 100
133 281.3 75.0 112.6#
119 0.0 50.8 76.2#

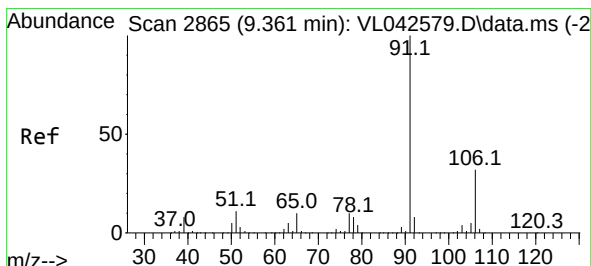
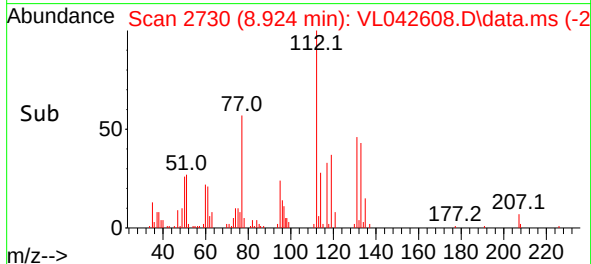
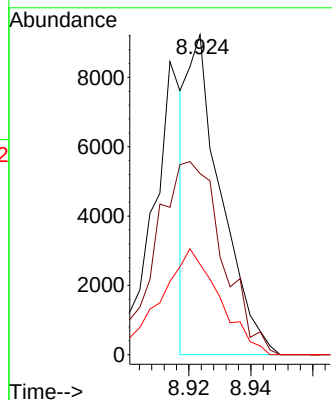
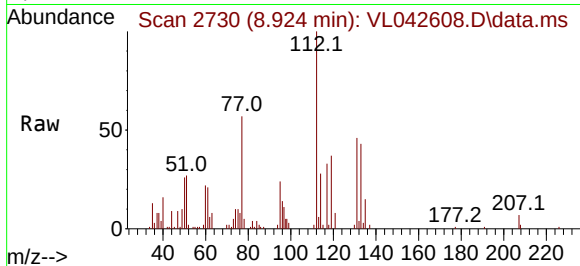




#57
Chlorobenzene
Concen: 0.292 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

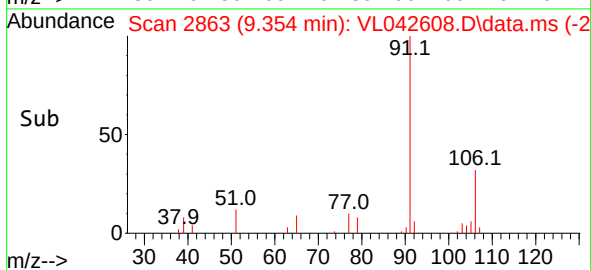
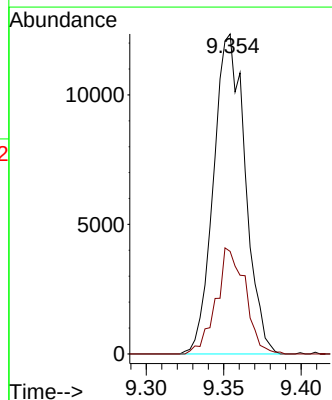
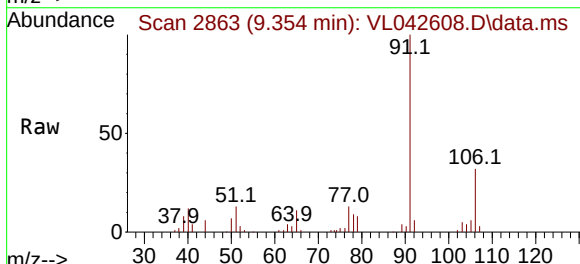
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

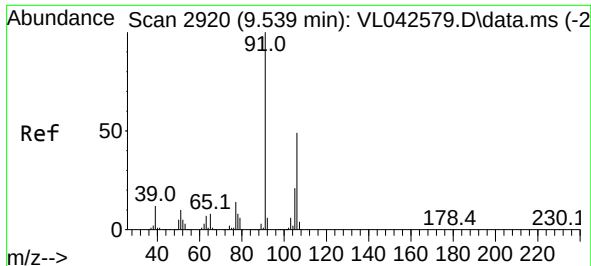
Tgt Ion:	112	Resp:	7007
Ion	Ratio	Lower	Upper
112	100		
77	56.6	53.5	80.3
114	28.2	27.8	34.0



#58
Ethyl Benzene
Concen: 0.418 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:	91	Resp:	17519
Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.9	38.9





#59

m/p-Xylene

Concen: 0.447 ppbv

RT: 9.532 min Scan# 2918

Delta R.T. -0.007 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_1

ClientSampleId :

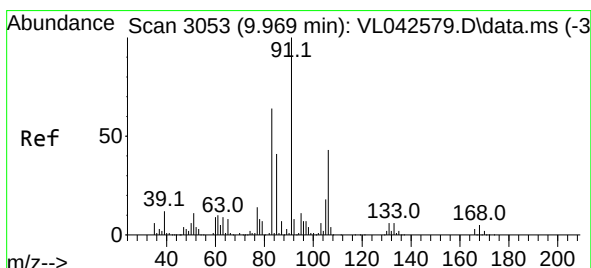
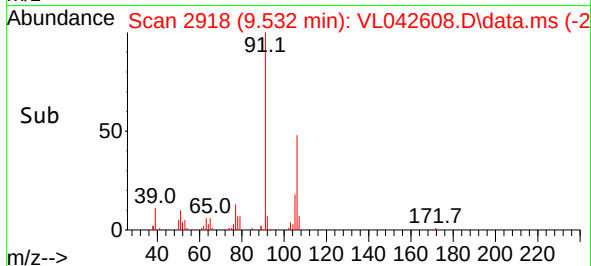
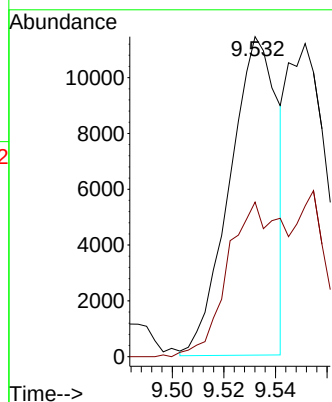
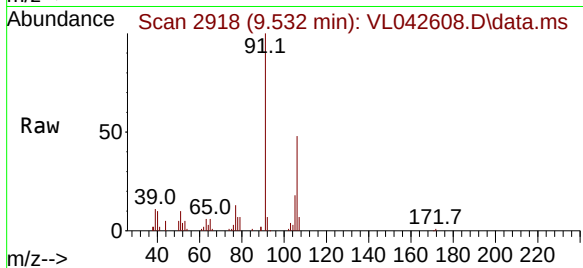
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 91 Resp: 14721

Ion Ratio Lower Upper

91 100

106 0.0 38.8 58.2#



#60

o-Xylene

Concen: 0.399 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VL042608.D

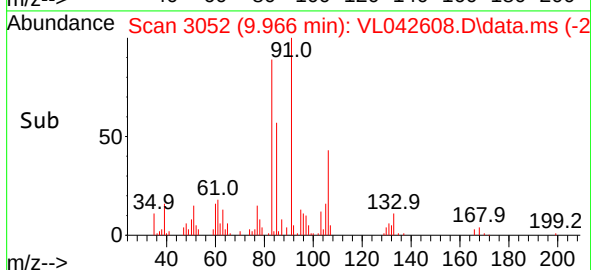
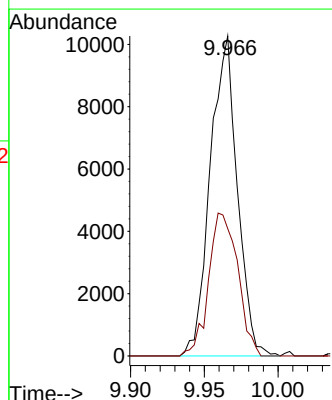
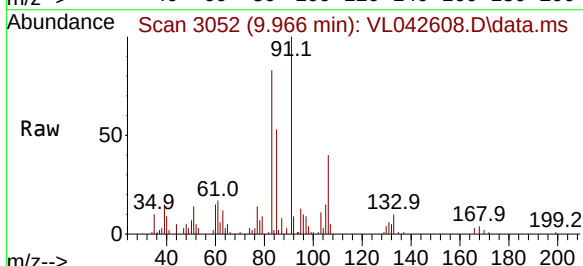
Acq: 03 Jun 2025 13:35

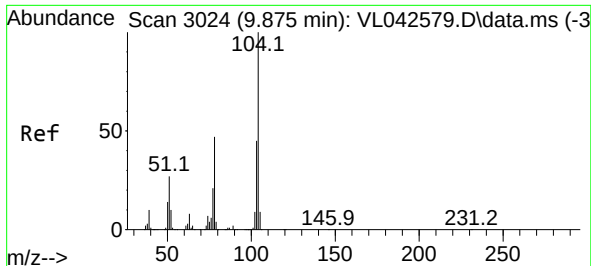
Tgt Ion: 91 Resp: 13119

Ion Ratio Lower Upper

91 100

106 47.9 22.9 68.5

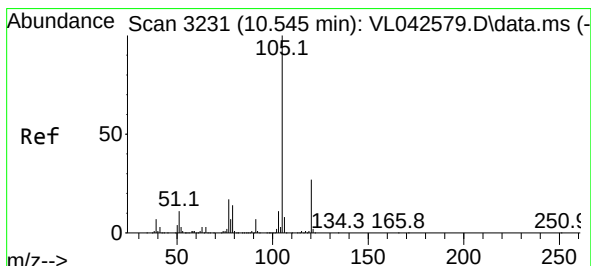
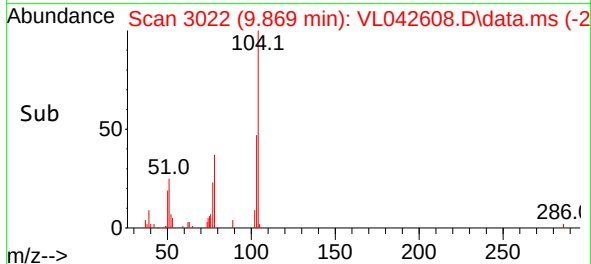
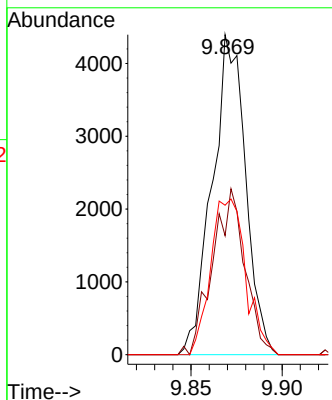
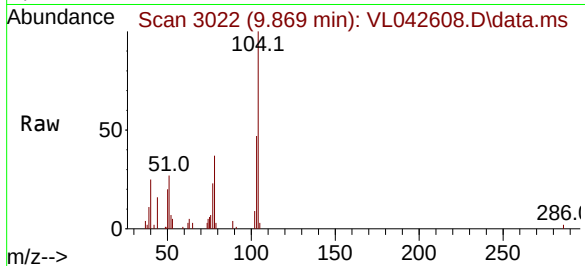




#61
Styrene
Concen: 0.360 ppbv
RT: 9.869 min Scan# 3024
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

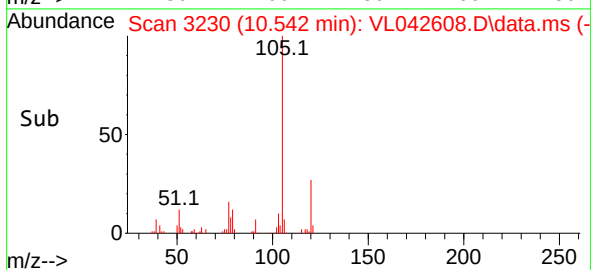
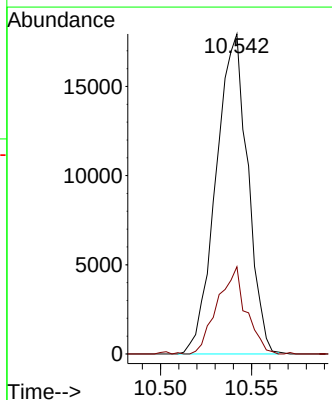
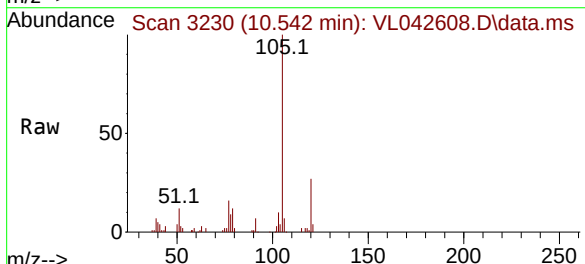
Instrument : MSVOA_1
ClientSampleId : LOD-MDL-AIR-01-QT2-2025

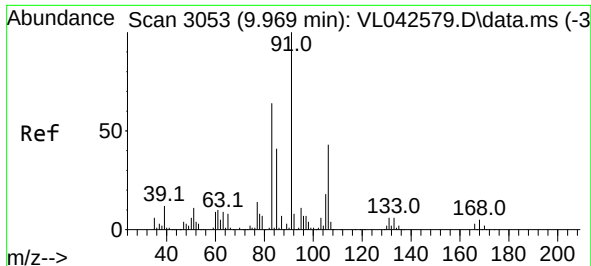
Tgt Ion:104 Resp: 5589
Ion Ratio Lower Upper
104 100
78 50.5 38.2 57.4
103 51.4 36.7 55.1



#62
Isopropylbenzene
Concen: 0.448 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:105 Resp: 21748
Ion Ratio Lower Upper
105 100
120 25.0 20.9 31.3





#63

1,1,2,2-Tetrachloroethane

Concen: 0.514 ppbv

RT: 9.966 min Scan# 3053

Delta R.T. -0.003 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

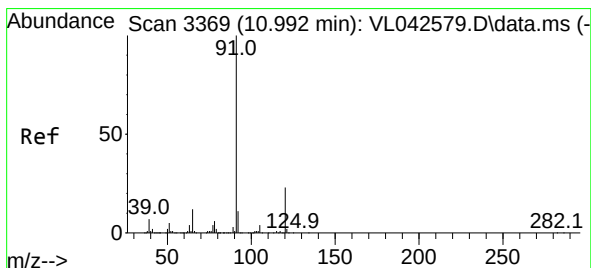
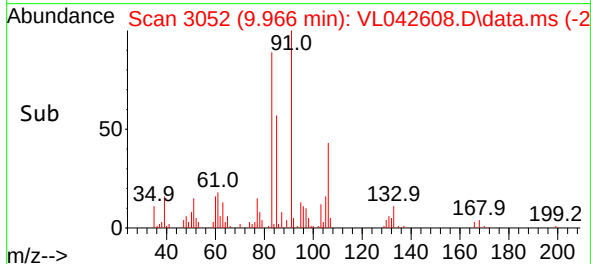
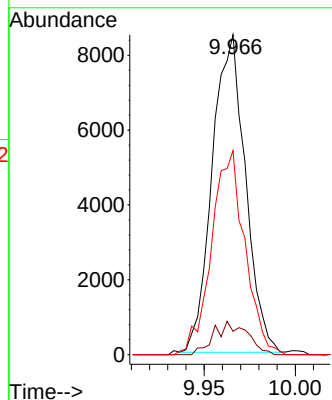
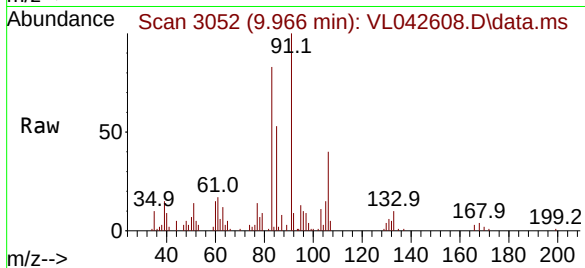
Tgt Ion: 83 Resp: 10741

Ion Ratio Lower Upper

83 100

131 10.4 4.8 14.4

85 64.4 32.5 97.4



#64

n-propylbenzene

Concen: 0.414 ppbv

RT: 10.985 min Scan# 3367

Delta R.T. -0.007 min

Lab File: VL042608.D

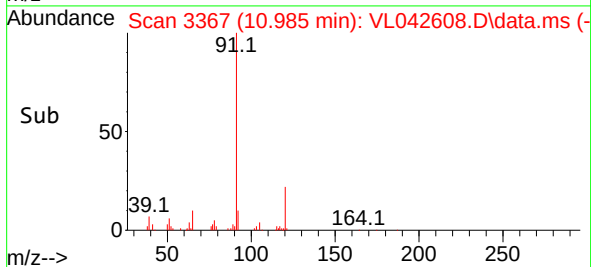
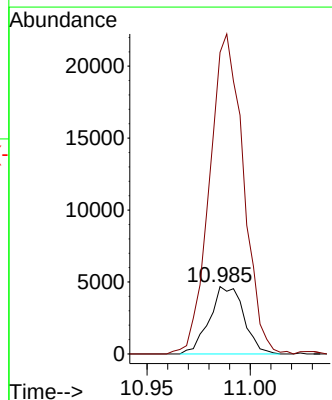
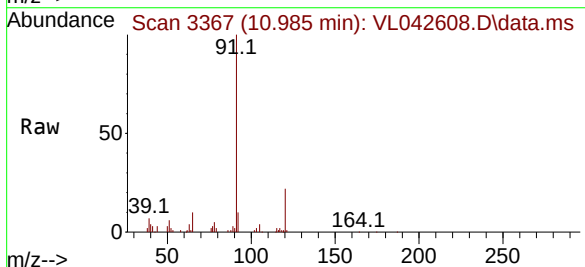
Acq: 03 Jun 2025 13:35

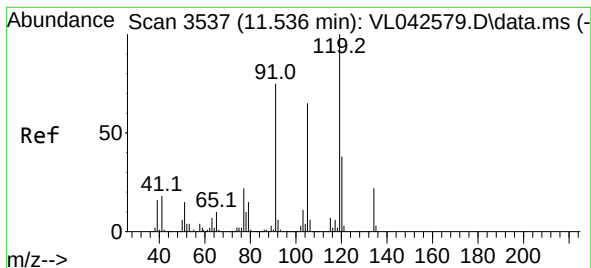
Tgt Ion: 120 Resp: 5391

Ion Ratio Lower Upper

120 100

91 474.5 363.0 544.6





#65

tert-Butylbenzene

Concen: 0.454 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. -0.007 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

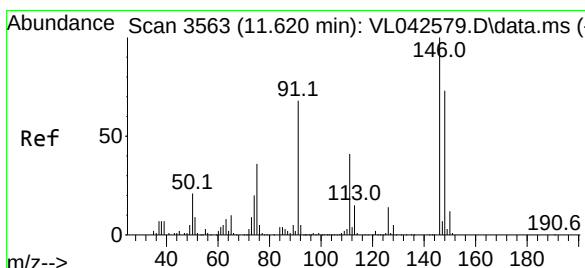
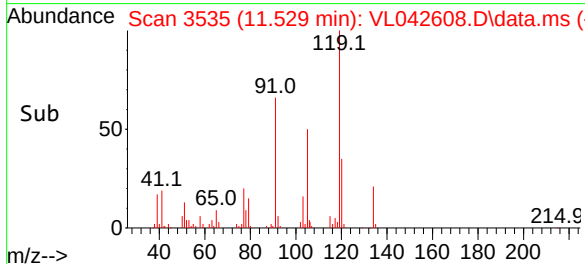
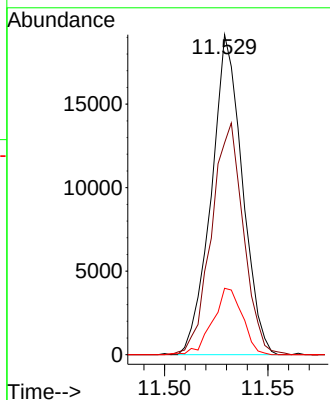
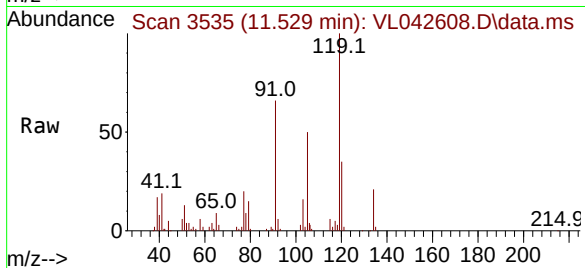
Tgt Ion:119 Resp: 20030

Ion Ratio Lower Upper

119 100

91 74.6 61.1 91.7

134 19.8 17.4 26.2



#66

Benzyl Chloride

Concen: 0.123 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. -0.010 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

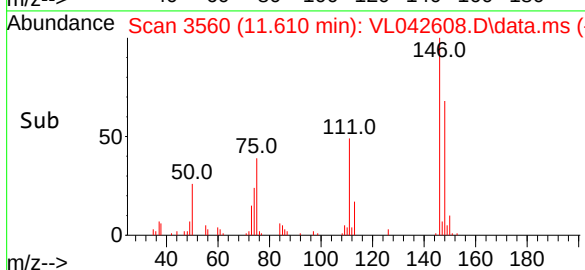
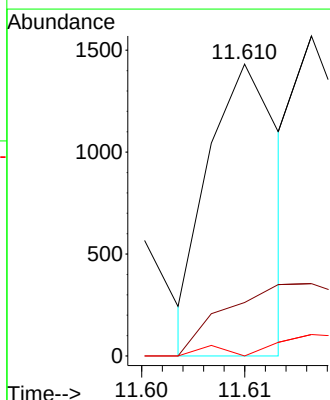
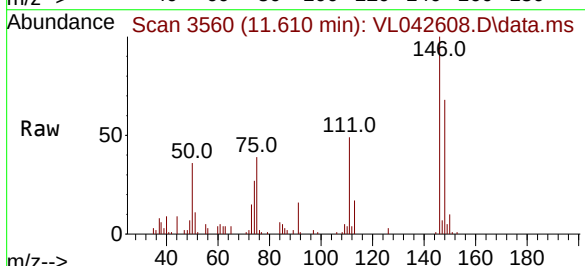
Tgt Ion: 91 Resp: 695

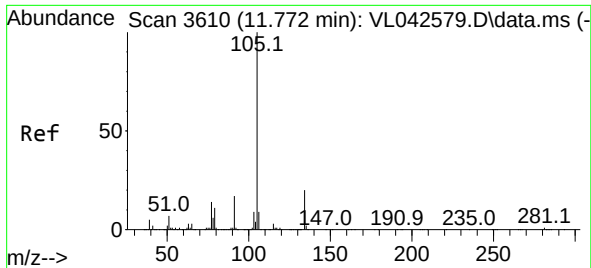
Ion Ratio Lower Upper

91 100

126 0.0 15.1 22.7#

128 0.0 5.0 7.6#

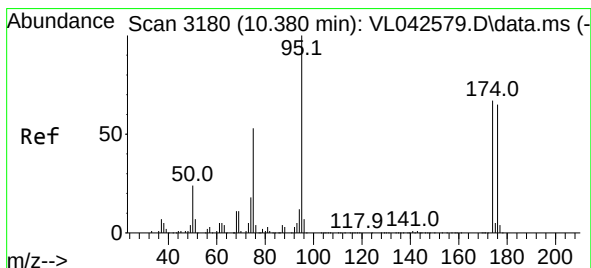
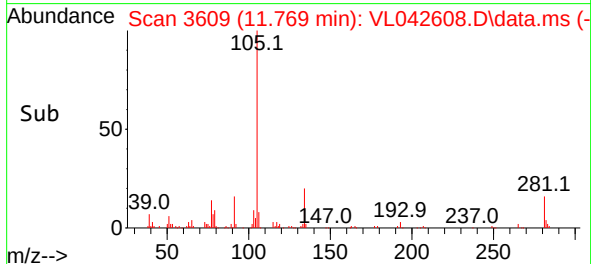
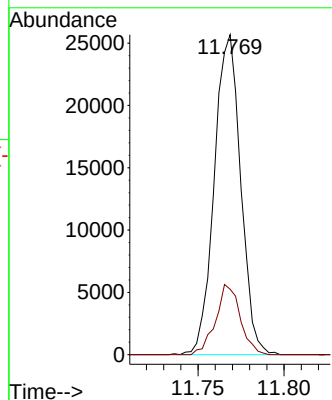
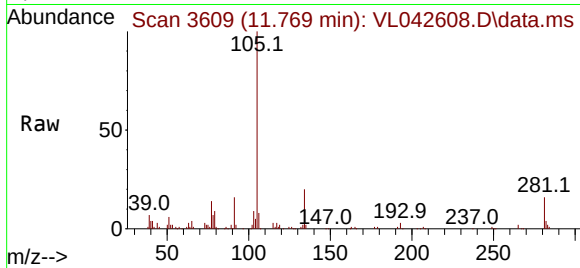




#67
 sec-Butylbenzene
 Concen: 0.442 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

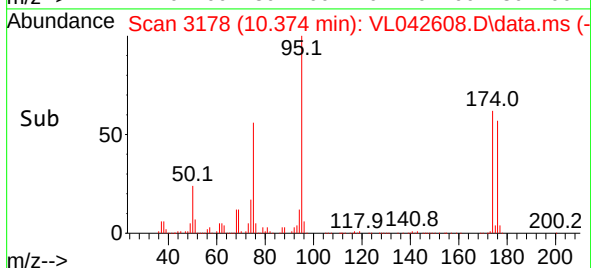
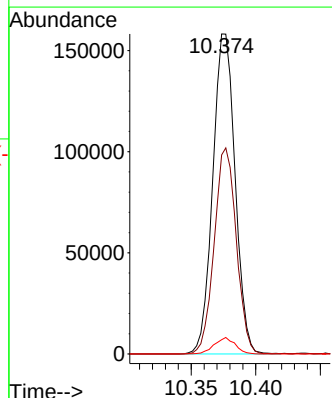
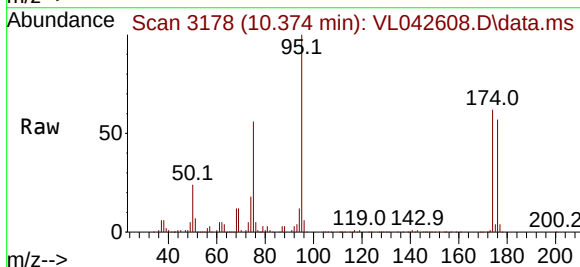
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

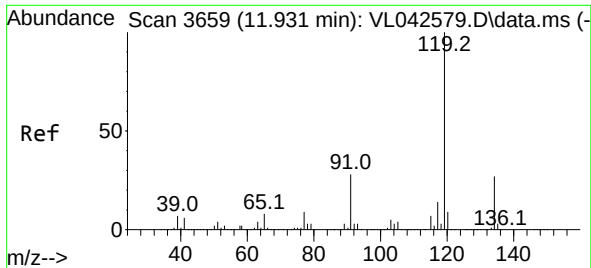
Tgt Ion:105 Resp: 27392
 Ion Ratio Lower Upper
 105 100
 134 20.4 15.8 23.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.272 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. -0.007 min
 Lab File: VL042608.D
 Acq: 03 Jun 2025 13:35

Tgt Ion: 95 Resp: 190124
 Ion Ratio Lower Upper
 95 100
 174 63.7 53.1 79.7
 175 4.8 4.2 6.2

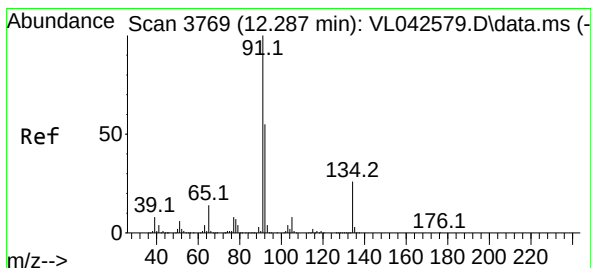
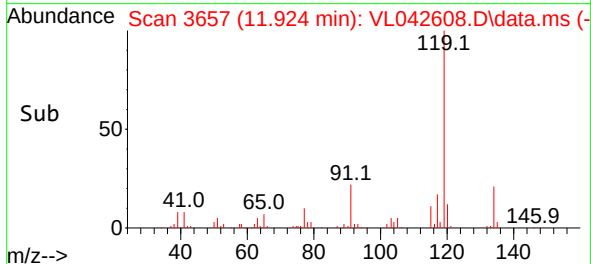
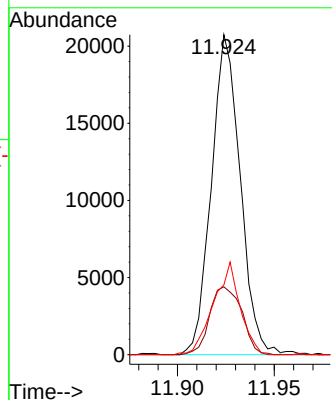
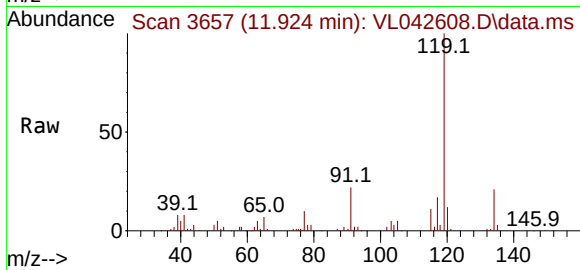




#69
p-Isopropyltoluene
Concen: 0.414 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

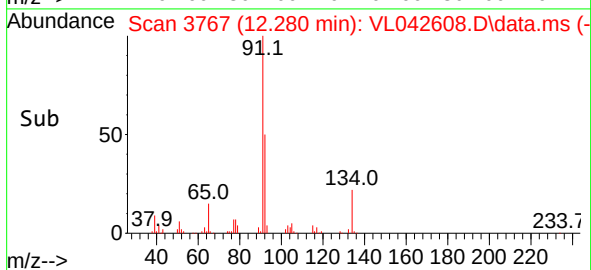
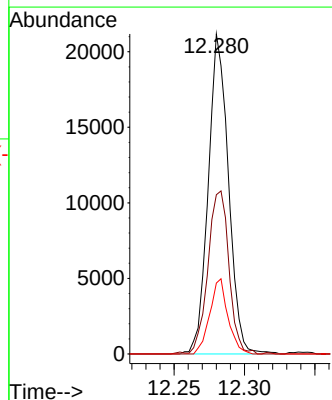
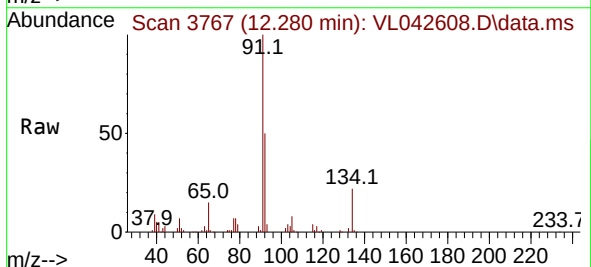
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

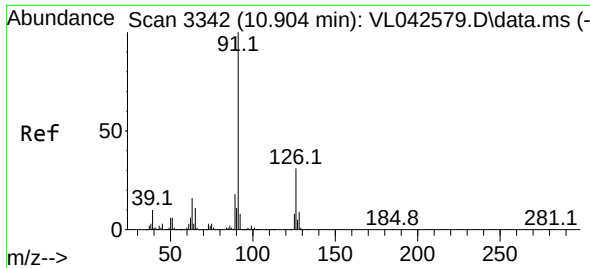
Tgt Ion:	119	Resp:	21462
Ion	Ratio	Lower	Upper
119	100		
134	23.6	21.1	31.7
91	26.8	21.9	32.9



#70
n-Butylbenzene
Concen: 0.413 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:	91	Resp:	21136
Ion	Ratio	Lower	Upper
91	100		
92	53.2	44.4	66.6
134	21.1	20.1	30.1

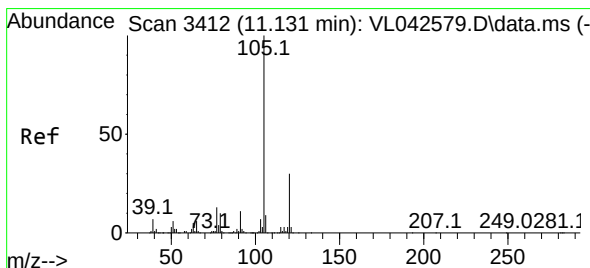
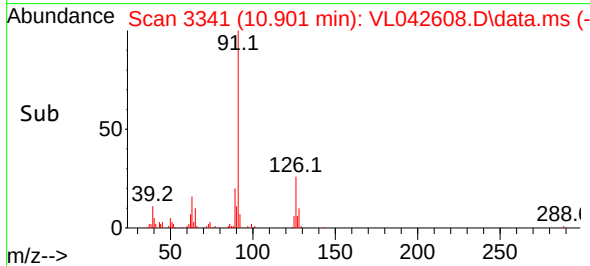
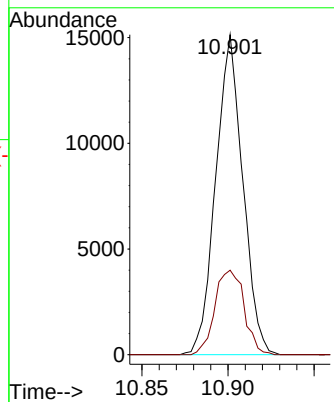
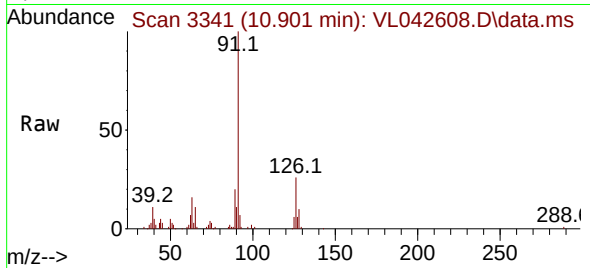




#71
2-Chlorotoluene
Concen: 0.447 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

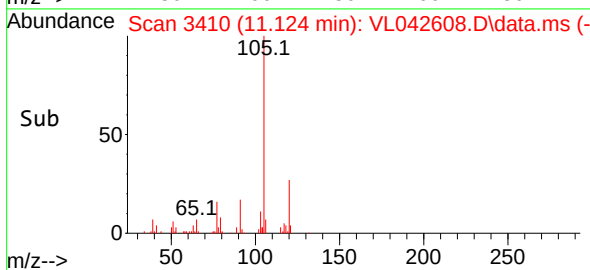
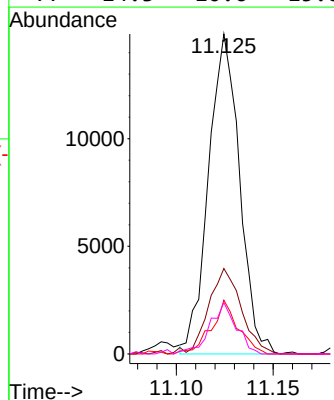
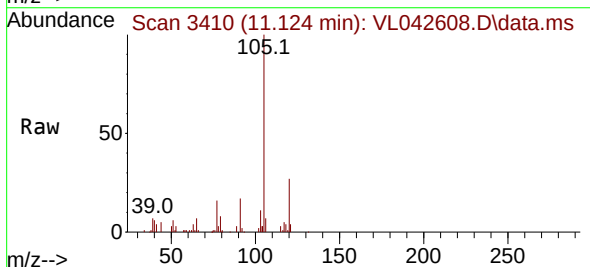
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

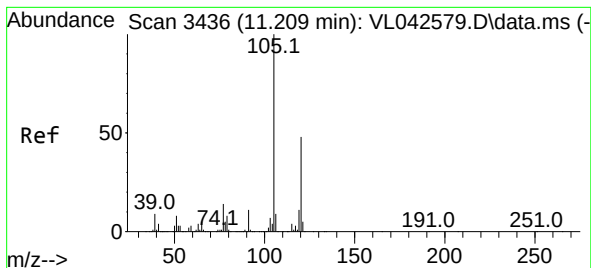
Tgt Ion: 91 Resp: 16562
Ion Ratio Lower Upper
91 100
126 28.5 12.6 50.4



#72
4-Ethyltoluene
Concen: 0.404 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.007 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion: 105 Resp: 16565
Ion Ratio Lower Upper
105 100
120 28.6 24.6 36.8
91 15.1 9.6 14.4#
77 14.3 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 0.426 ppbv

RT: 11.205 min Scan# 3436

Delta R.T. -0.003 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_1

ClientSampleId :

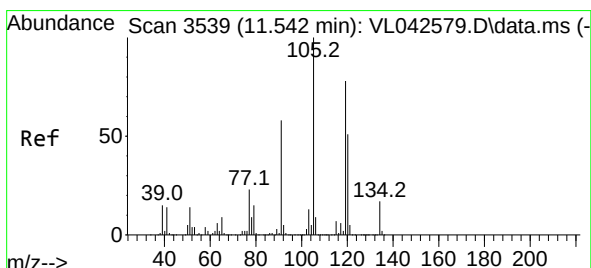
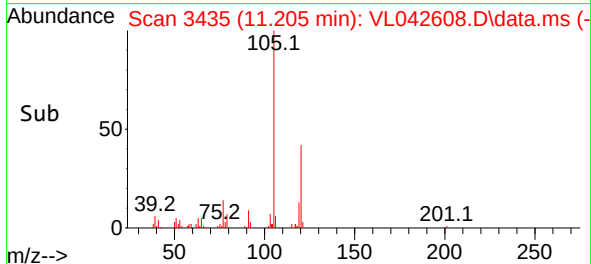
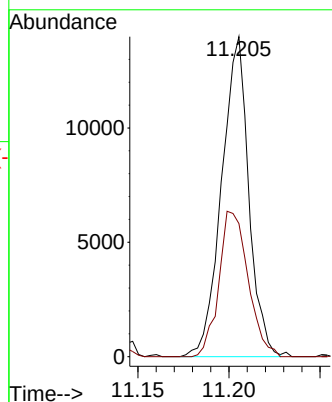
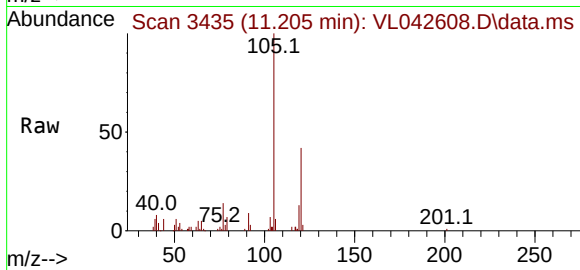
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:105 Resp: 14462

Ion Ratio Lower Upper

105 100

120 41.6 38.8 58.2



#74

1,2,4-Trimethylbenzene

Concen: 0.446 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.010 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Tgt Ion:105 Resp: 16780

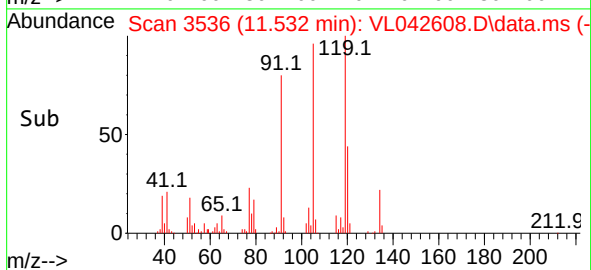
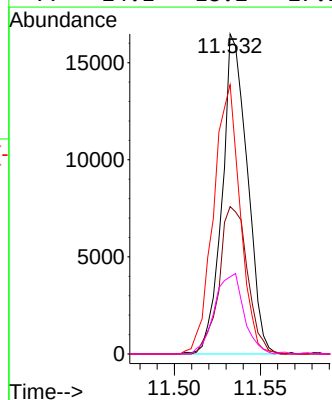
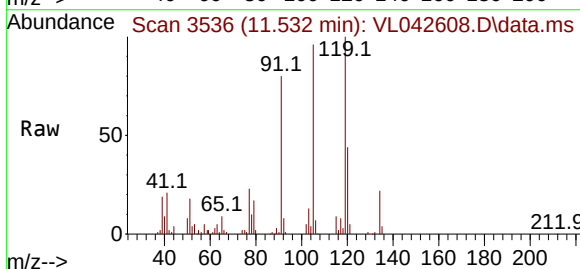
Ion Ratio Lower Upper

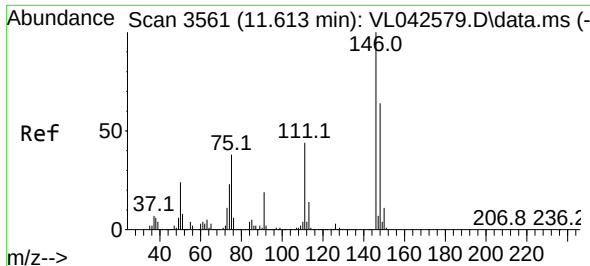
105 100

120 46.0 40.8 61.2

91 84.2 46.8 70.2#

77 24.1 18.2 27.2

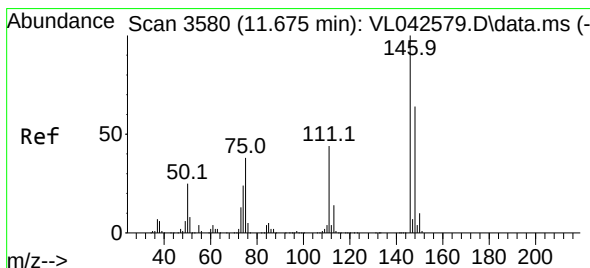
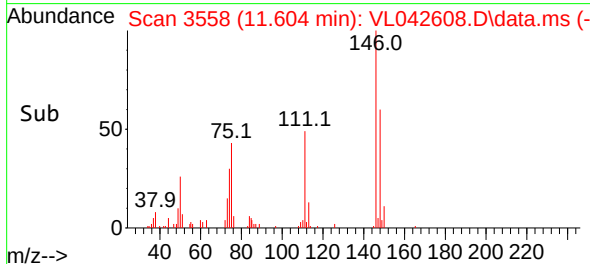
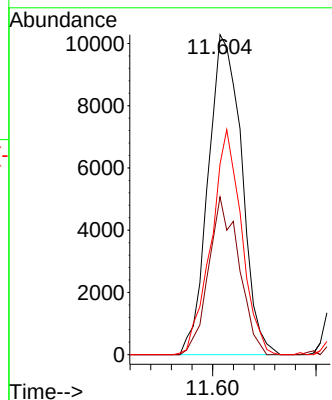
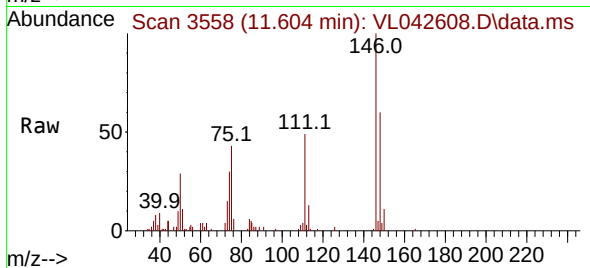




#75
1,3-Dichlorobenzene
Concen: 0.489 ppbv
RT: 11.604 min Scan# 3558
Delta R.T. -0.010 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

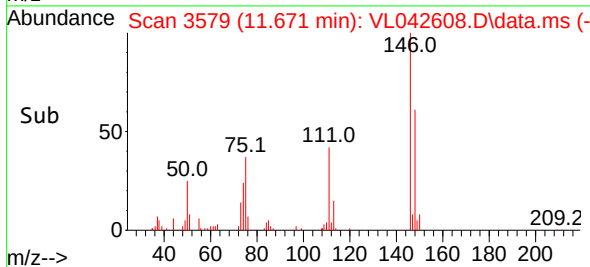
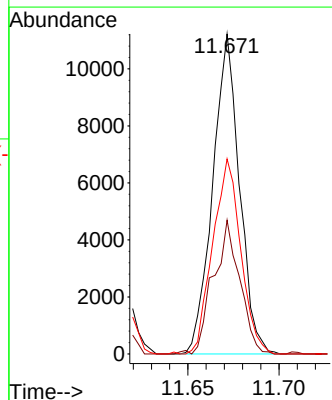
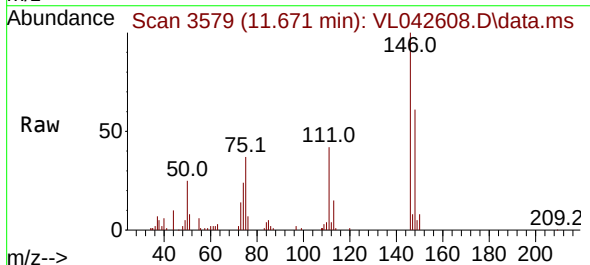
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

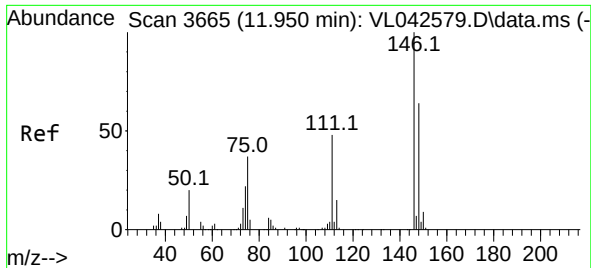
Tgt Ion:146 Resp: 11563
Ion Ratio Lower Upper
146 100
111 44.6 22.4 67.3
148 64.0 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 0.485 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:146 Resp: 11436
Ion Ratio Lower Upper
146 100
111 41.6 21.6 64.8
148 63.9 32.1 96.5

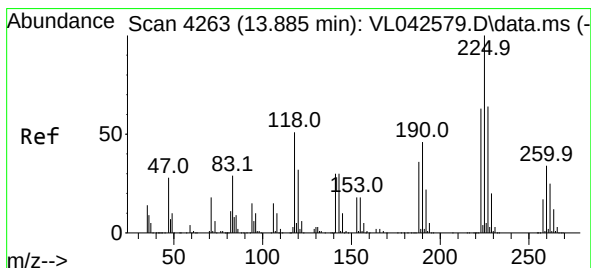
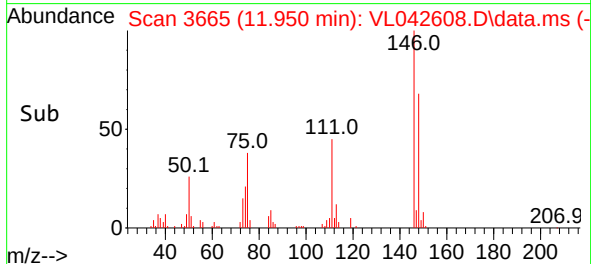
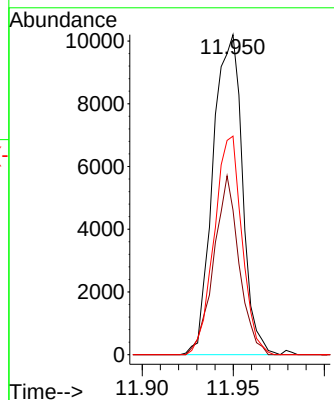
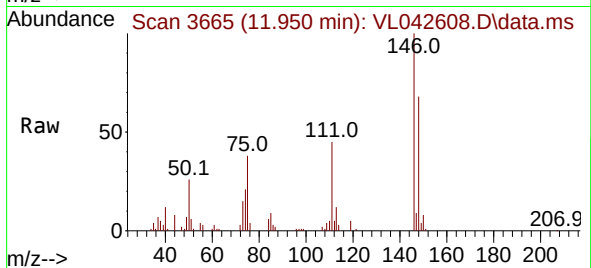




#77
1,2-Dichlorobenzene
Concen: 0.499 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. -0.000 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

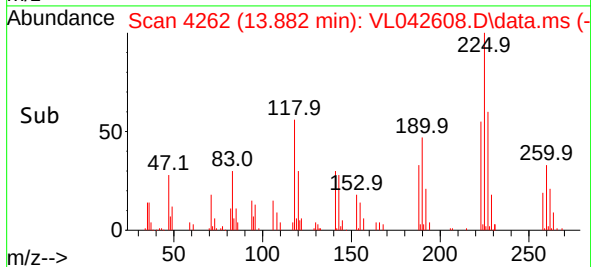
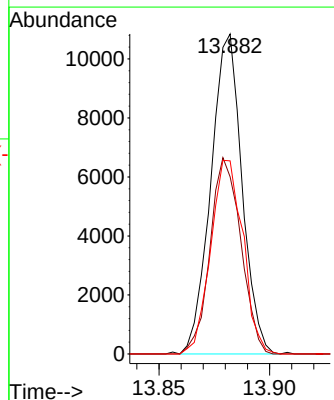
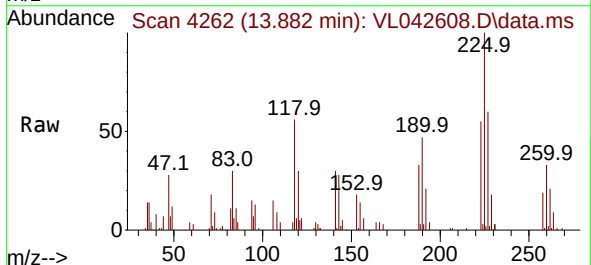
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

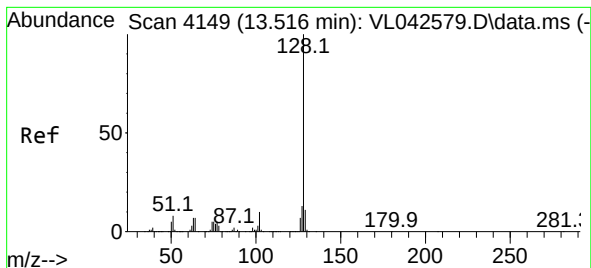
Tgt Ion:146	Resp:	11439
Ion	Ratio	Lower Upper
146	100	
111	48.3	23.1 69.3
148	64.6	32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 0.559 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042608.D
Acq: 03 Jun 2025 13:35

Tgt Ion:225	Resp:	10620
Ion	Ratio	Lower Upper
225	100	
223	60.7	50.2 75.4
227	62.5	51.1 76.7





#79

Naphthalene

Concen: 0.284 ppbv

RT: 13.513 min Scan# 4149

Delta R.T. -0.003 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

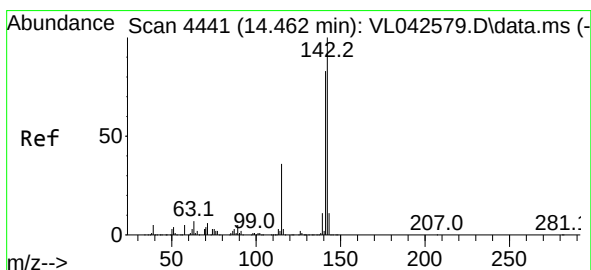
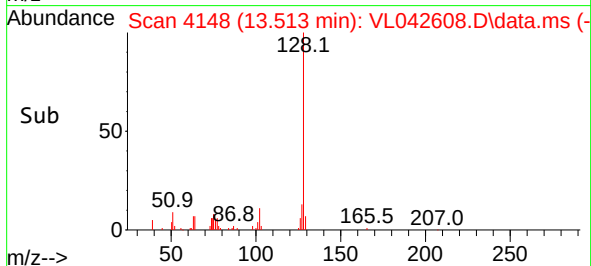
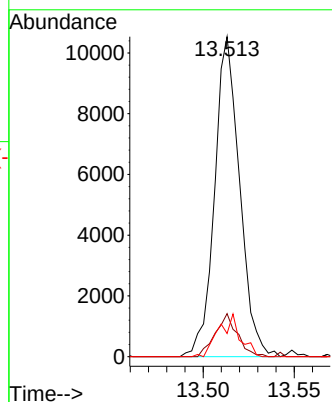
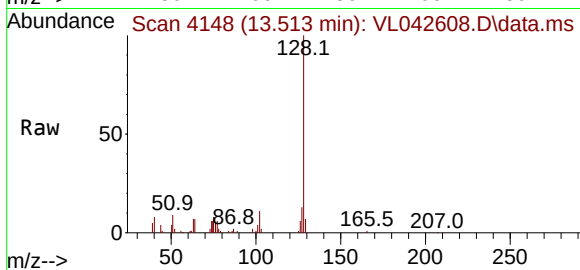
Tgt Ion:128 Resp: 10091

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 7.3 8.8 13.2#



#80

Naphthalene,2-methyl-

Concen: 0.110 ppbv

RT: 14.461 min Scan# 4441

Delta R.T. -0.000 min

Lab File: VL042608.D

Acq: 03 Jun 2025 13:35

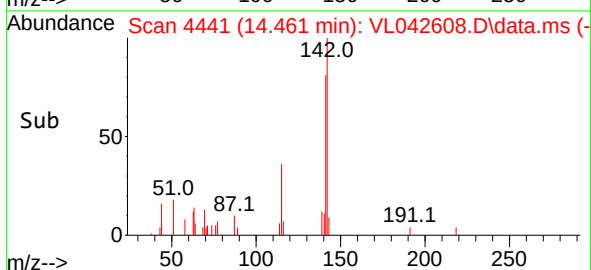
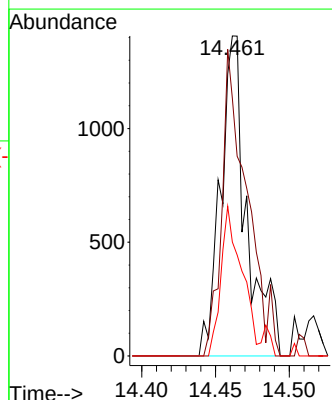
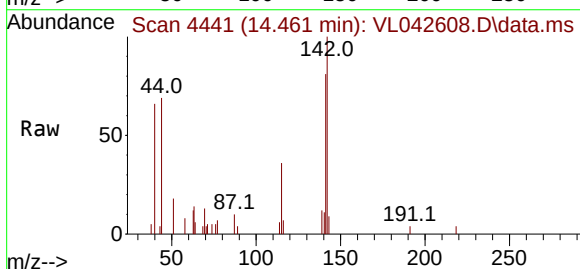
Tgt Ion:142 Resp: 1762

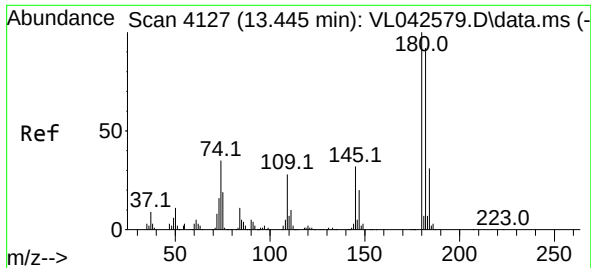
Ion Ratio Lower Upper

142 100

141 90.4 66.2 99.4

115 40.4 28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 0.306 ppbv

RT: 13.439 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL042608.D

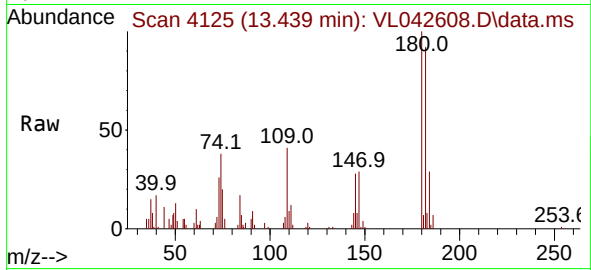
Acq: 03 Jun 2025 13:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025



Tgt Ion:180 Resp: 6057

Ion Ratio Lower Upper

180 100

182 98.3 75.0 112.4

184 33.3 24.6 36.8

