

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060525\
 Data File : VL042618.D
 Acq On : 05 Jun 2025 12:37
 Operator : SY/MD
 Sample : Q2126-15 MDL 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025

Quant Time: Jun 06 01:40:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/06/2025
 Supervised By : Mahesh Dadoda 06/06/2025

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

Internal Standards						
1) Bromochloromethane	2.787	49	101525	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	268368	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	239459	10.000	ppbv	0.00

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 10.380 95 185484 10.333 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.300%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.499	85	5834m	0.468	ppbv	
3) Chlorodifluoromethane	1.476	51	8609	0.501	ppbv	99
4) Chloromethane	1.534	50	2342	0.474	ppbv	99
5) Vinyl Chloride	1.580	62	2081	0.413	ppbv	90
6) Bromomethane	1.667	94	1095	0.447	ppbv #	71
7) Chloroethane	1.706	64	824	0.421	ppbv #	89
8) Dichlorotetrafluoroethane	1.554	85	4295	0.413	ppbv	90
9) Propene	1.482	41	2793	0.404	ppbv	97
10) Heptane	4.985	43	6651m	0.341	ppbv	
11) Trichlorofluoromethane	1.877	101	5399	0.465	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.140	101	4630	0.508	ppbv	91
13) Ethanol	1.722	45	400	0.485	ppbv #	39
14) Bromoethene	1.780	108	1795	0.523	ppbv #	84
15) Acetone	1.839	43	6109	0.500	ppbv	97
16) 1,3-Butadiene	1.609	39	2657	0.459	ppbv	96
17) tert-Butyl alcohol	2.042	59	5239	0.411	ppbv #	88
18) 1,1-Dichloroethene	2.036	96	1824	0.432	ppbv #	92
19) Isopropyl Alcohol	1.887	45	3465	0.474	ppbv #	79
20) Methylene Chloride	2.062	84	2244	0.556	ppbv	86
21) Allyl Chloride	2.097	41	4030m	0.467	ppbv	
22) trans-1,2-Dichloroethene	2.340	96	2520m	0.534	ppbv	
23) Vinyl Acetate	2.463	43	8853m	0.536	ppbv	
24) 1,1-Dichloroethane	2.411	63	4505	0.464	ppbv #	87
25) Ethyl Acetate	2.842	43	13511	0.404	ppbv #	97
26) Hexane	2.829	57	5377	0.354	ppbv #	82
27) Carbon Disulfide	2.149	76	4682	0.401	ppbv #	46
28) Methyl tert-Butyl Ether	2.444	73	2905	0.471	ppbv	93
29) Chloroform	2.852	83	8954	0.453	ppbv	89
30) Cyclohexane	3.858	84	4371m	0.347	ppbv	
31) cis-1,2-Dichloroethene	2.722	61	6124	0.440	ppbv	96
32) 1,1,1-Trichloroethane	3.373	97	8698	0.431	ppbv	97
34) 2-Butanone	2.564	43	9721m	0.508	ppbv	
35) Carbon Tetrachloride	3.764	117	8509	0.480	ppbv	92
36) Benzene	3.658	78	11480	0.434	ppbv	98
37) 1,2-Dichloroethane	3.221	62	7098	0.540	ppbv	98
38) Trichloroethene	4.557	130	5300m	0.472	ppbv	
39) 1,2-Dichloropropane	4.318	63	4686m	0.479	ppbv	
40) 1,4-Dioxane	4.603	88	1809m	0.414	ppbv	
41) Tetrahydrofuran	3.068	42	4724m	0.422	ppbv	
42) Bromodichloromethane	4.496	83	9506m	0.510	ppbv	
43) Methyl Methacrylate	4.891	69	3680m	0.359	ppbv	
44) 2,2,4-Trimethylpentane	4.648	57	18444m	0.408	ppbv	
45) t-1,3-Dichloropropene	6.425	75	4368m	0.372	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060525\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/06/2025
 Supervised By : Mahesh Dadoda 06/06/2025

Quant Time: Jun 06 01:40:30 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

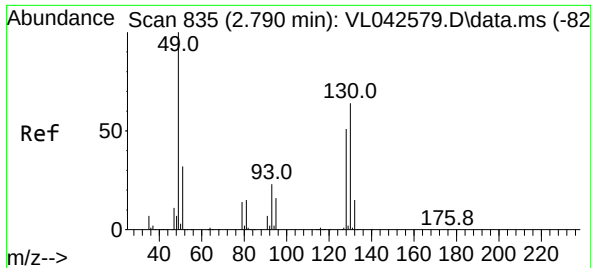
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

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	5501m	0.374	ppbv	
47) 1,1,2-Trichloroethane	6.590	97	4494m	0.444	ppbv	
48) Dibromochloromethane	7.393	129	7011	0.433	ppbv	95
49) Bromoform	9.490	173	5476	0.392	ppbv	98
50) 4-Methyl-2-Pentanone	5.784	43	10699m	0.403	ppbv	
51) 2-Hexanone	7.451	43	6574m	0.312	ppbv	
52) Tetrachloroethene	8.224	164	4040m	0.409	ppbv	
53) Toluene	6.943	91	10988m	0.360	ppbv	
54) 1,2-Dibromoethane	7.661	107	7080	0.473	ppbv	89
56) 1,1,1,2-Tetrachloroethane	8.933	131	5794m	0.481	ppbv	
57) Chlorobenzene	8.930	112	11467m	0.493	ppbv	
58) Ethyl Benzene	9.360	91	13713	0.338	ppbv	94
59) m/p-Xylene	9.558	91	22616m	0.708	ppbv	
60) o-Xylene	9.969	91	10981	0.344	ppbv	95
61) Styrene	9.872	104	4246m	0.282	ppbv	
62) Isopropylbenzene	10.545	105	17205	0.365	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.966	83	9537m	0.470	ppbv	
64) n-propylbenzene	10.992	120	4310	0.341	ppbv	83
65) tert-Butylbenzene	11.536	119	14612	0.342	ppbv	94
66) Benzyl Chloride	11.620	91	1436m	0.261	ppbv	
67) sec-Butylbenzene	11.772	105	22340	0.372	ppbv	97
69) p-Isopropyltoluene	11.930	119	16489	0.328	ppbv	98
70) n-Butylbenzene	12.286	91	15308	0.308	ppbv	99
71) 2-Chlorotoluene	10.908	91	13281	0.370	ppbv	97
72) 4-Ethyltoluene	11.131	105	13006	0.327	ppbv #	96
73) 1,3,5-Trimethylbenzene	11.209	105	10507	0.319	ppbv	95
74) 1,2,4-Trimethylbenzene	11.539	105	12594	0.345	ppbv #	83
75) 1,3-Dichlorobenzene	11.610	146	9345	0.408	ppbv	97
76) 1,4-Dichlorobenzene	11.675	146	9375	0.410	ppbv	100
77) 1,2-Dichlorobenzene	11.950	146	10236	0.460	ppbv	97
78) Hexachloro-1,3-Butadiene	13.882	225	8479	0.461	ppbv	96
79) Naphthalene	13.516	128	6344	0.184	ppbv	96
80) Naphthalene,2-methyl-	14.471	142	506	0.033	ppbv	91
81) 1,2,4-Trichlorobenzene	13.442	180	4283	0.223	ppbv	96

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



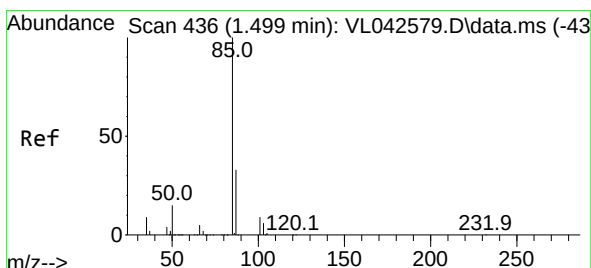
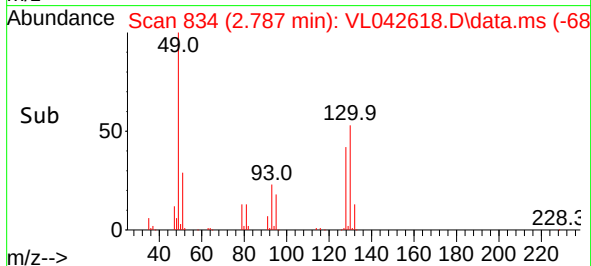
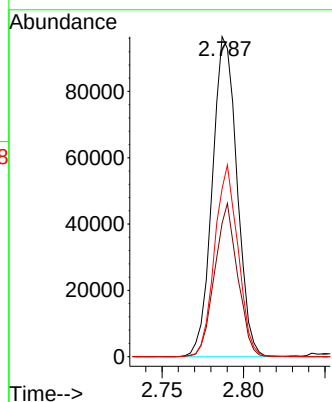
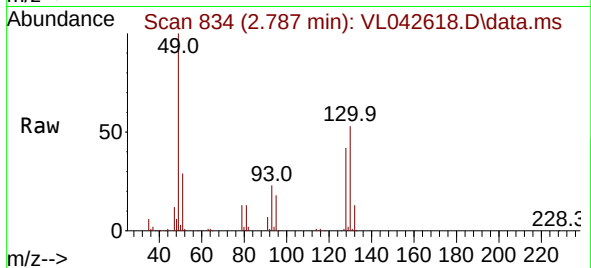
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

Tgt Ion: 49 Resp: 10152
Ion Ratio Lower Upper
49 100
128 44.6 24.2 72.6
130 56.8 30.4 91.2

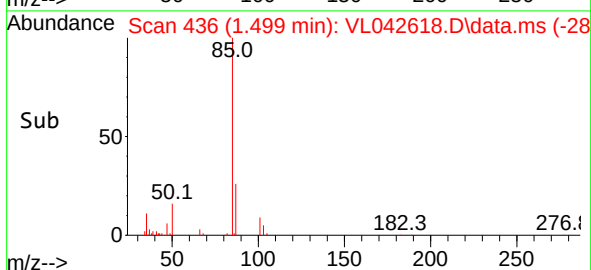
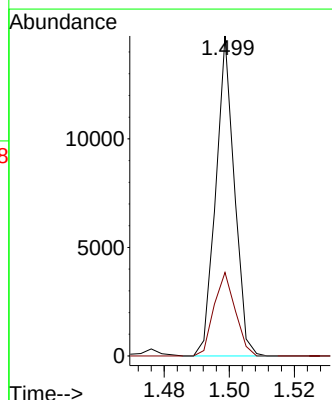
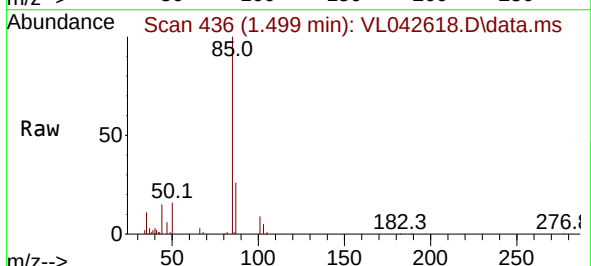
Manual Integrations
APPROVED

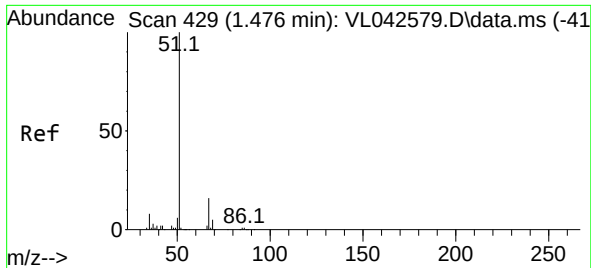
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#2
Dichlorodifluoromethane
Concen: 0.468 ppbv m
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

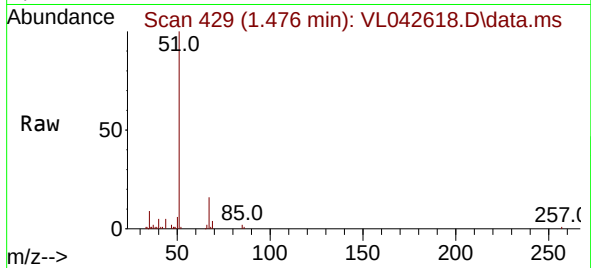
Tgt Ion: 85 Resp: 5834
Ion Ratio Lower Upper
85 100
87 26.1 26.6 39.8#





#3
Chlorodifluoromethane
Concen: 0.501 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

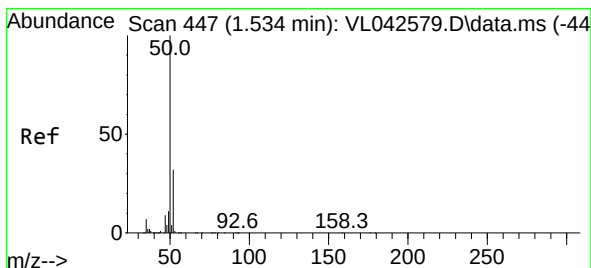
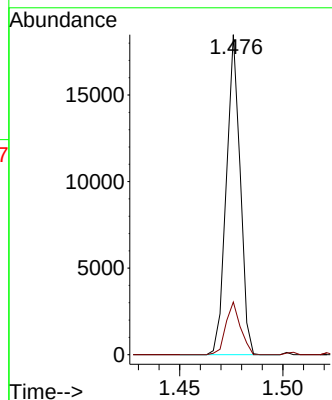
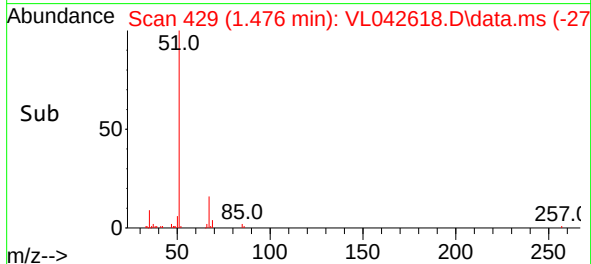
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2025



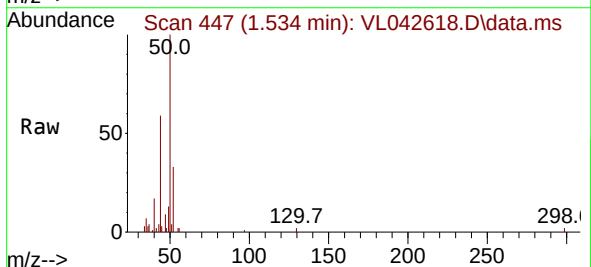
Tgt Ion: 51 Resp: 8609
Ion Ratio Lower Upper
51 100
67 17.4 13.4 20.2

Manual Integrations
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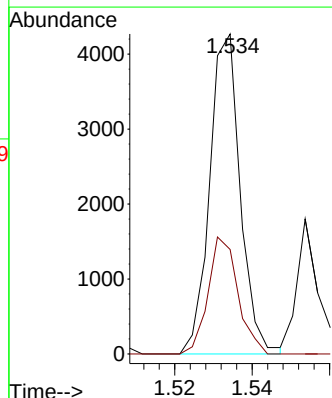
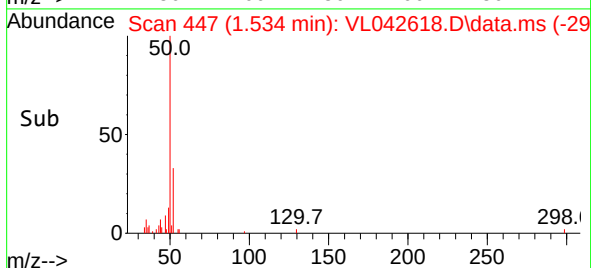
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

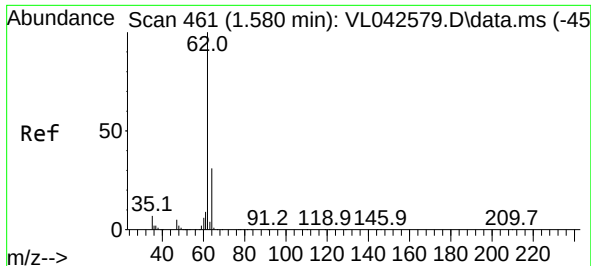


#4
Chloromethane
Concen: 0.474 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37



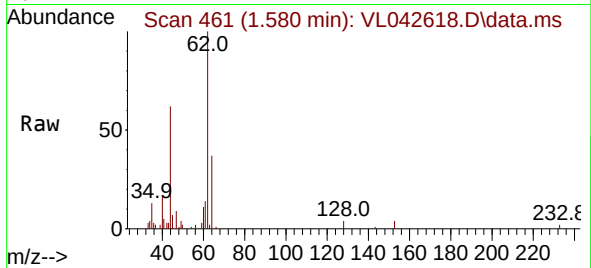
Tgt Ion: 50 Resp: 2342
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.6





#5
 Vinyl Chloride
 Concen: 0.413 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

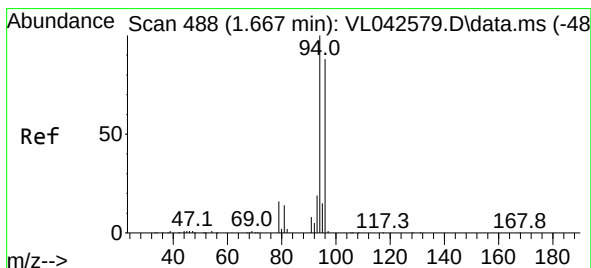
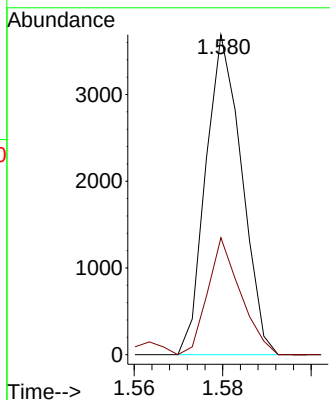
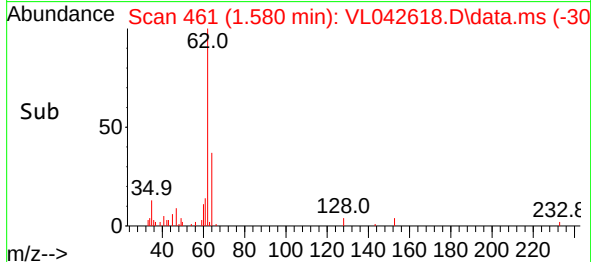
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025



Tgt Ion: 62 Resp: 208
 Ion Ratio Lower Upper
 62 100
 64 36.5 24.9 37.3

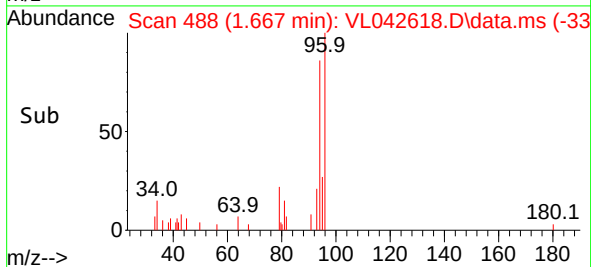
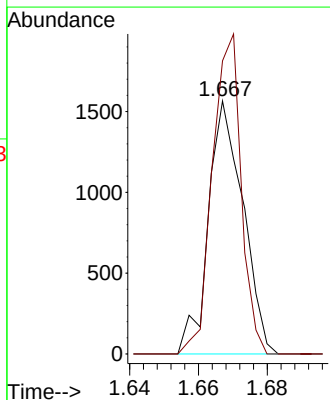
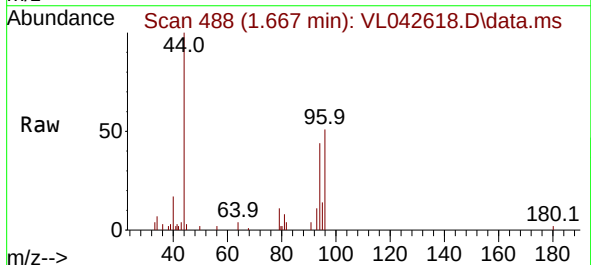
Manual Integrations
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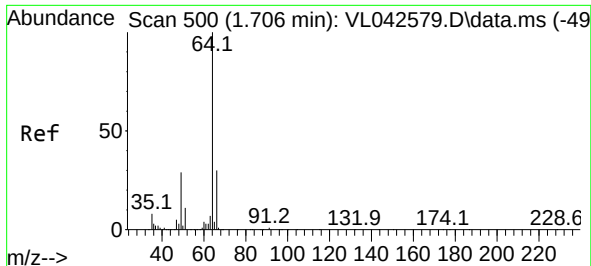
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#6
 Bromomethane
 Concen: 0.447 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

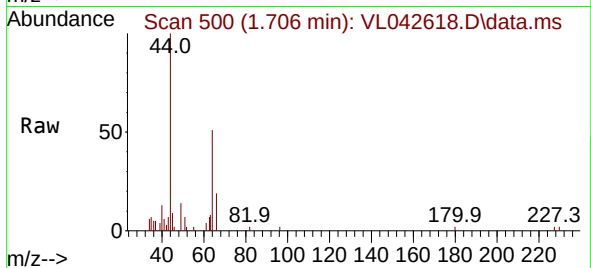
Tgt Ion: 94 Resp: 1095
 Ion Ratio Lower Upper
 94 100
 96 115.9 70.7 106.1#





#7
Chloroethane
Concen: 0.421 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

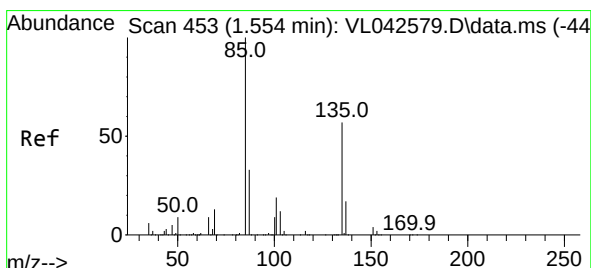
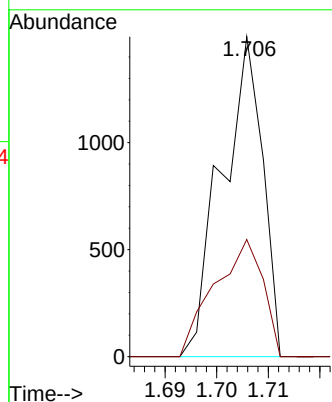
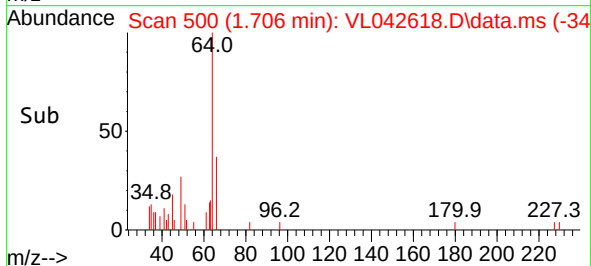
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



Tgt Ion: 64 Resp: 824
Ion Ratio Lower Upper
64 100
66 36.6 24.3 36.5

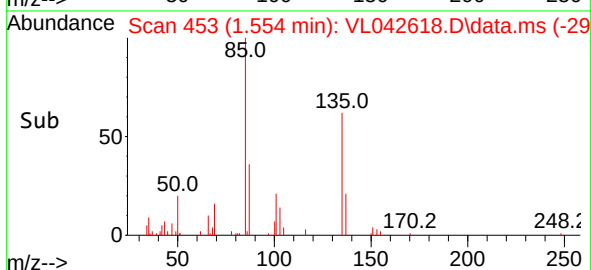
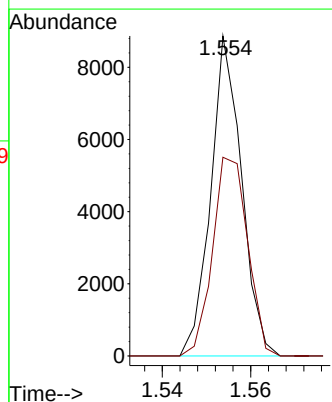
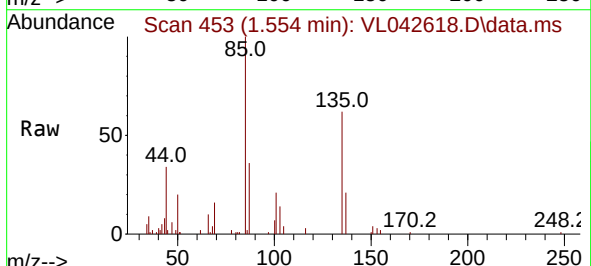
Manual Integrations
APPROVED

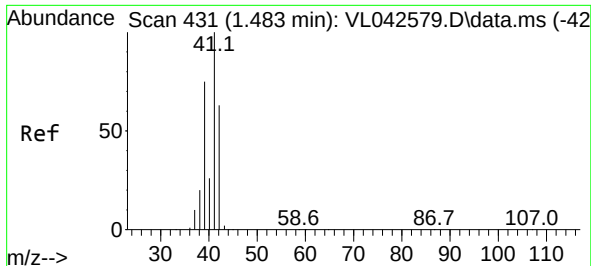
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#8
Dichlorotetrafluoroethane
Concen: 0.413 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

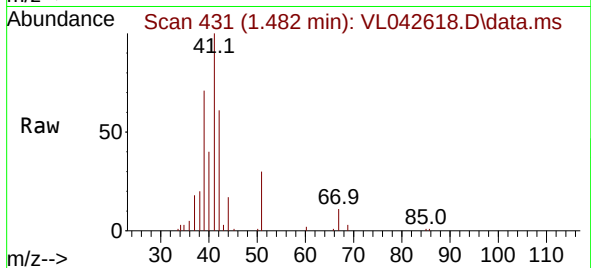
Tgt Ion: 85 Resp: 4295
Ion Ratio Lower Upper
85 100
135 70.7 50.2 75.4





#9
Propene
Concen: 0.404 ppbv
RT: 1.482 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

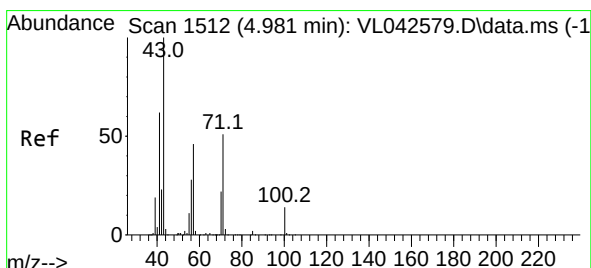
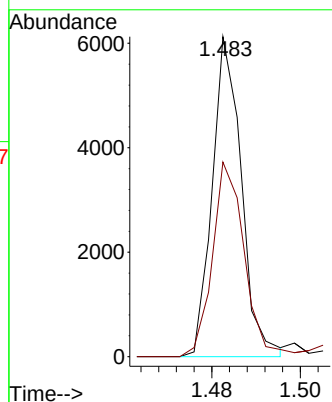
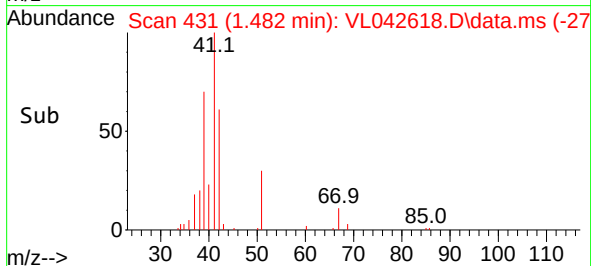
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



Tgt Ion: 41 Resp: 279
Ion Ratio Lower Upper
41 100
42 68.8 53.3 79.9

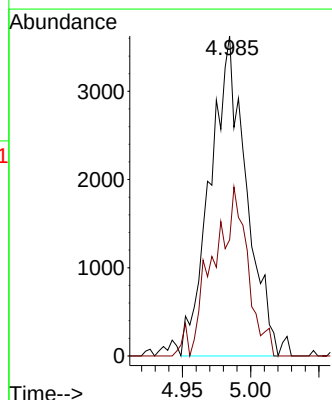
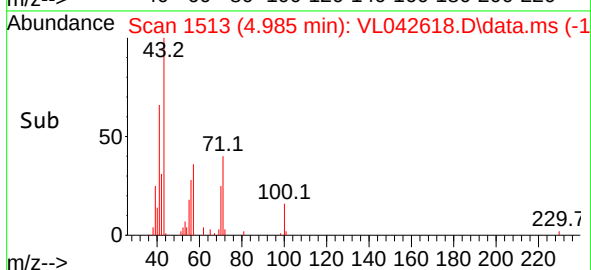
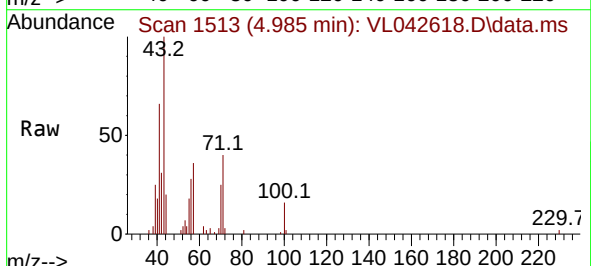
Manual Integrations
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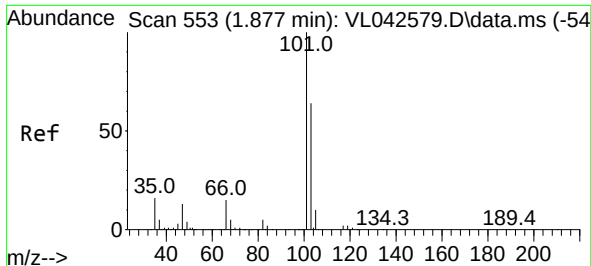
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#10
Heptane
Concen: 0.341 ppbv m
RT: 4.985 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

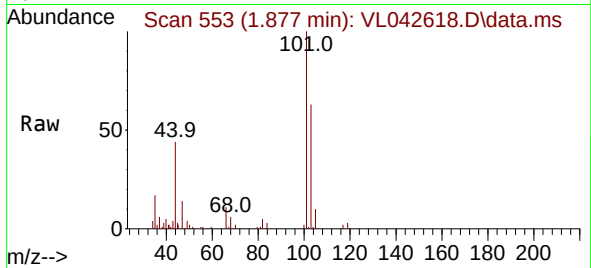
Tgt Ion: 43 Resp: 6651
Ion Ratio Lower Upper
43 100
57 50.9 38.9 58.3





#11
 Trichlorofluoromethane
 Concen: 0.465 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

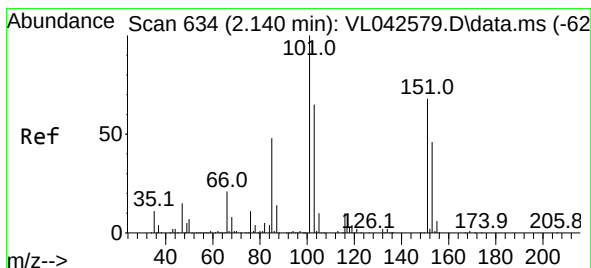
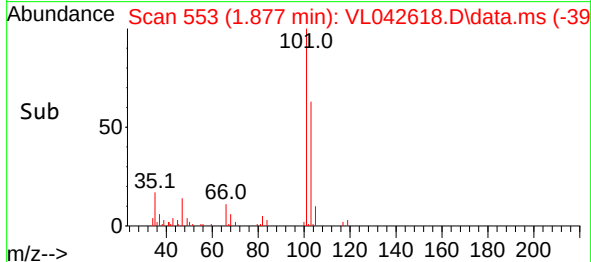
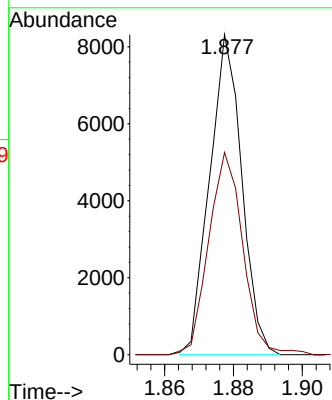
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025



Tgt Ion:101 Resp: 5398
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.5 77.3

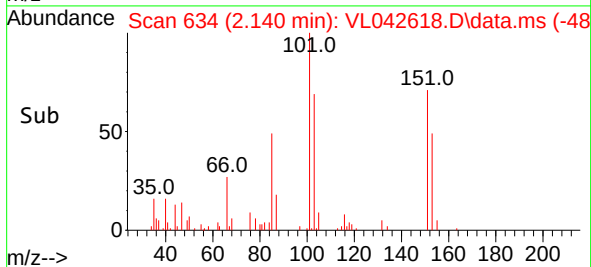
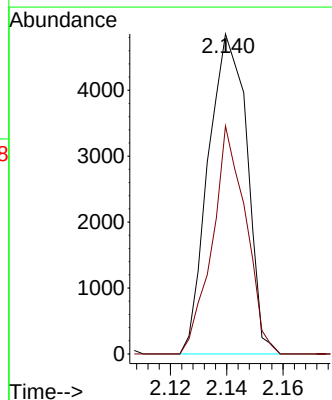
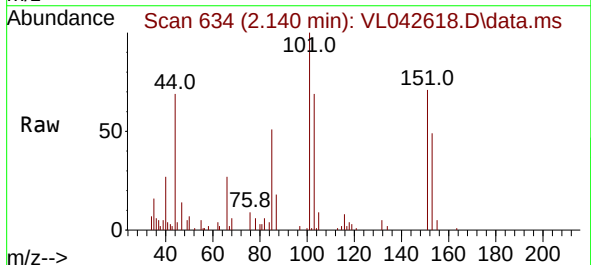
Manual Integrations
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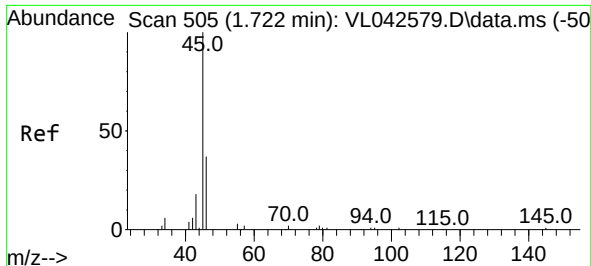
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.508 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.000 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

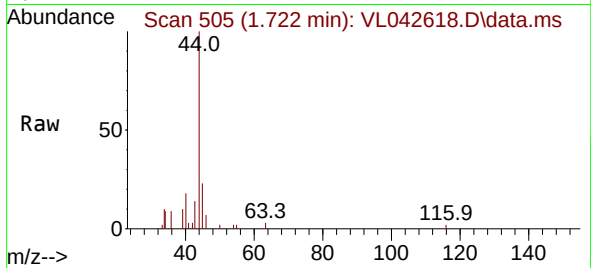
Tgt Ion:101 Resp: 4630
 Ion Ratio Lower Upper
 101 100
 151 61.8 55.3 82.9





#13
Ethanol
Concen: 0.485 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

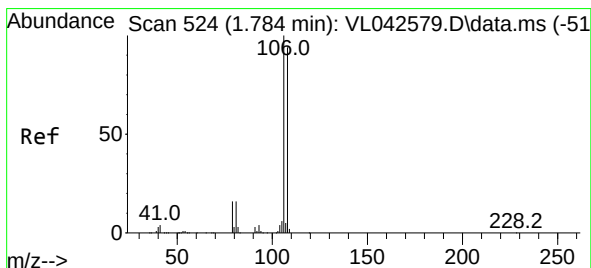
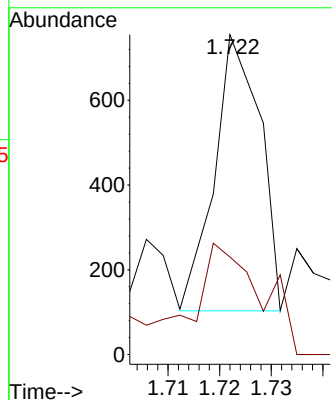
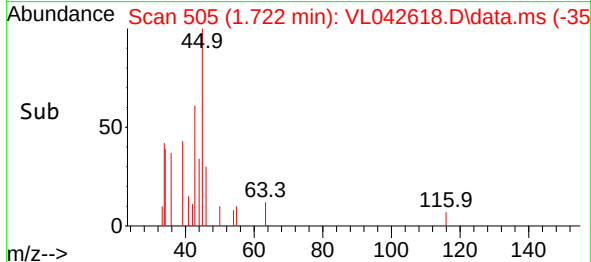
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



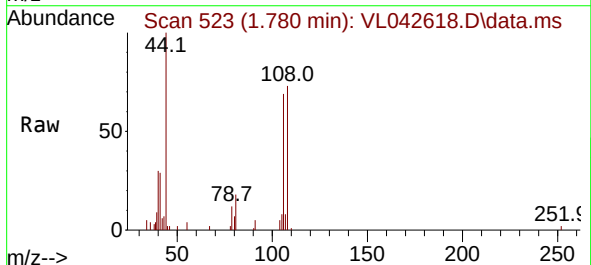
Tgt Ion: 45 Resp: 400
Ion Ratio Lower Upper
45 100
46 0.0 14.5 58.1

Manual Integrations
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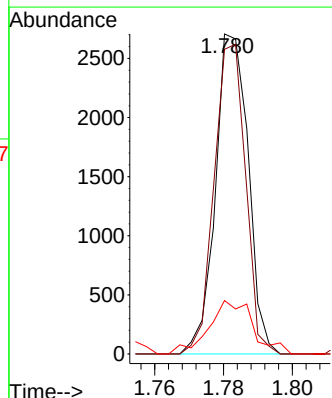
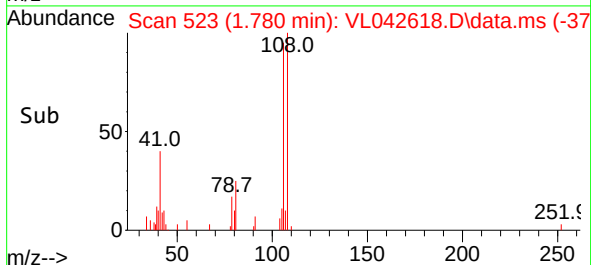
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

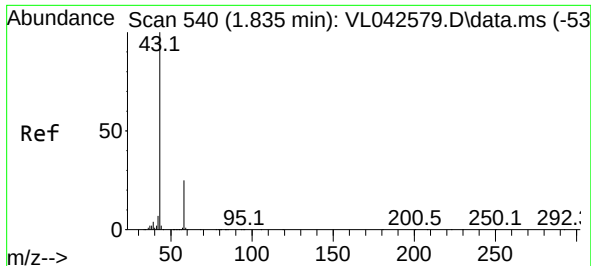


#14
Bromoethene
Concen: 0.523 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37



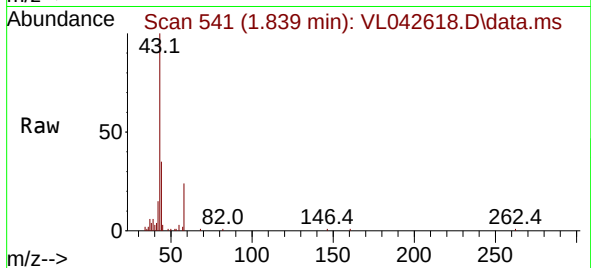
Tgt Ion:108 Resp: 1795
Ion Ratio Lower Upper
108 100
106 92.5 87.9 131.9
79 26.0 15.6 23.4





#15
Acetone
Concen: 0.500 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

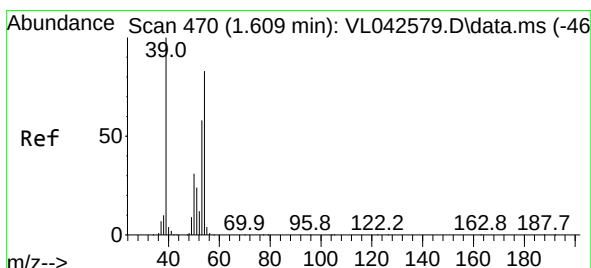
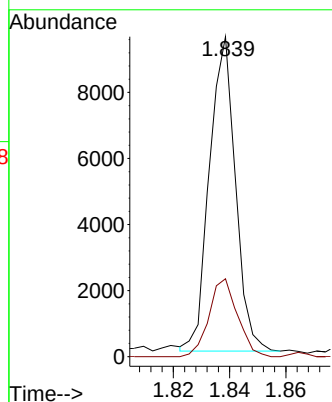
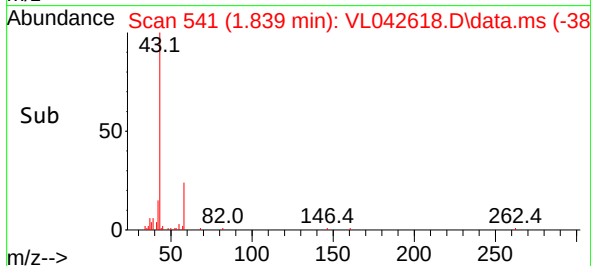
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



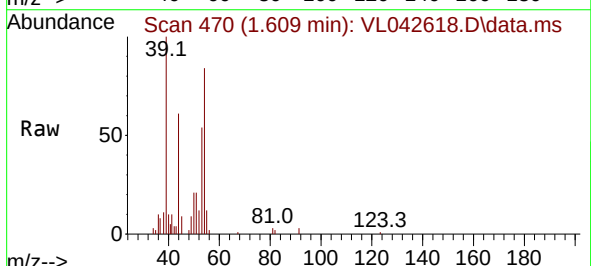
Tgt Ion: 43 Resp: 6109
Ion Ratio Lower Upper
43 100
58 27.9 21.0 31.4

Manual Integrations
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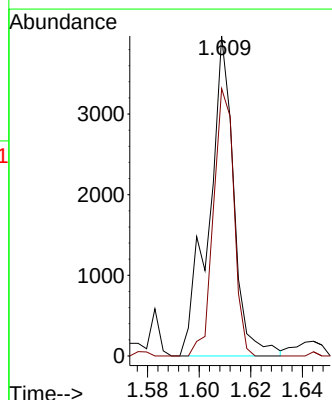
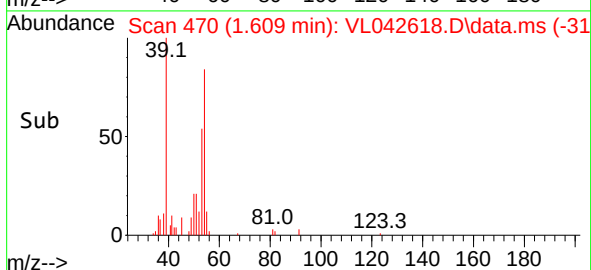
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

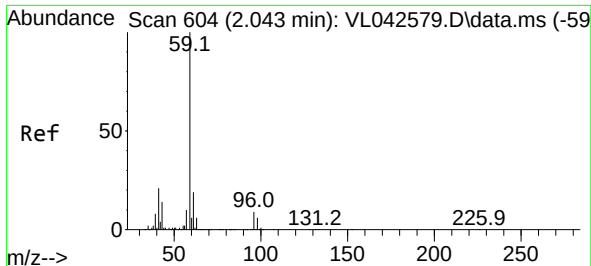


#16
1,3-Butadiene
Concen: 0.459 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37



Tgt Ion: 39 Resp: 2657
Ion Ratio Lower Upper
39 100
54 68.6 57.9 86.9





#17

tert-Butyl alcohol

Concen: 0.411 ppbv

RT: 2.042 min Scan# 604

Delta R.T. -0.000 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

Instrument :

MSVOA_L

ClientSampleId :

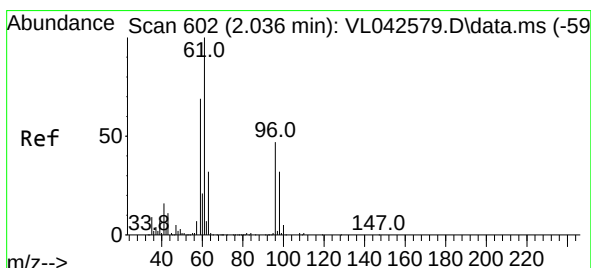
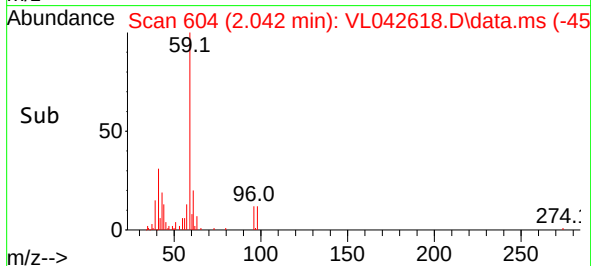
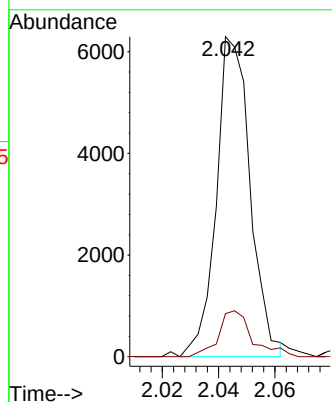
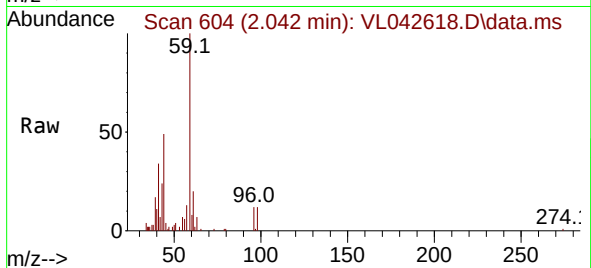
MDL-AIR-03-QT2-2025

Tgt Ion: 59 Resp: 5239
 Ion Ratio Lower Upper
 59 100
 57 15.4 8.6 12.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#18

1,1-Dichloroethene

Concen: 0.432 ppbv

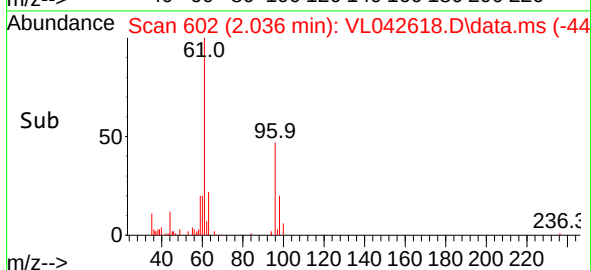
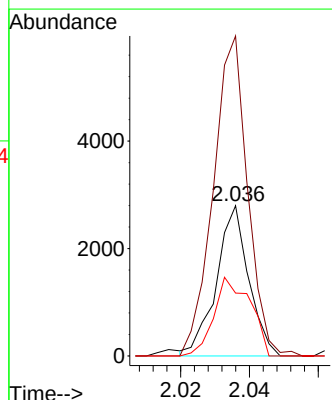
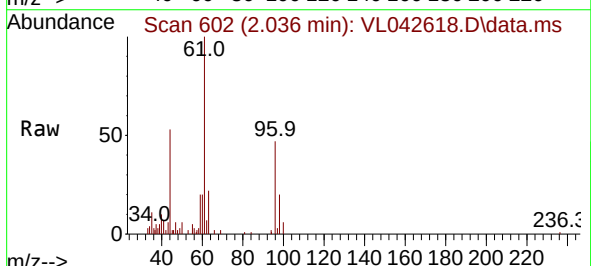
RT: 2.036 min Scan# 602

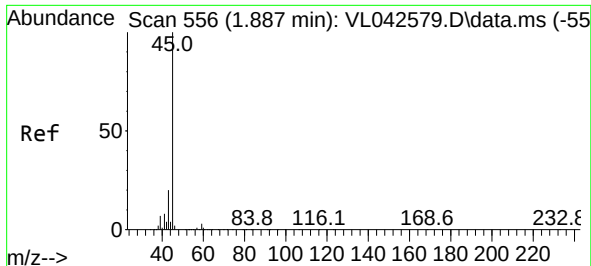
Delta R.T. -0.000 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

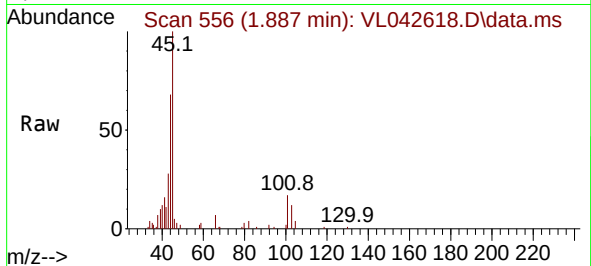
Tgt Ion: 96 Resp: 1824
 Ion Ratio Lower Upper
 96 100
 61 213.1 171.1 256.7
 98 41.8 54.4 81.6





#19
Isopropyl Alcohol
Concen: 0.474 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

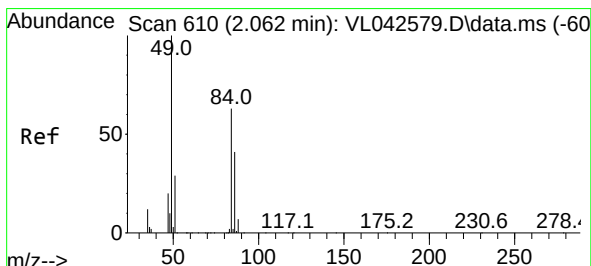
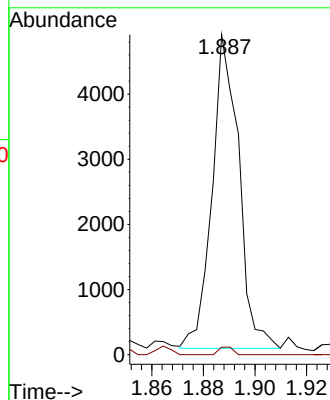
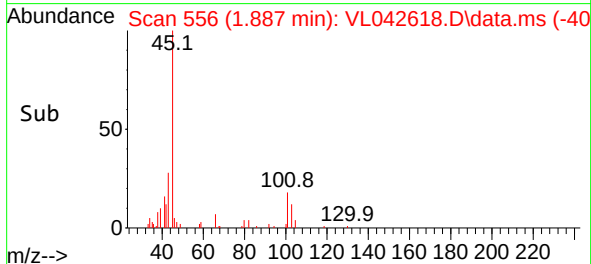
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2025



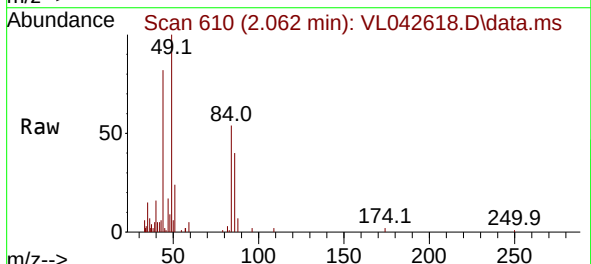
Tgt Ion: 45 Resp: 346
Ion Ratio Lower Upper
45 100
58 49.2 29.4 44.2

Manual Integrations
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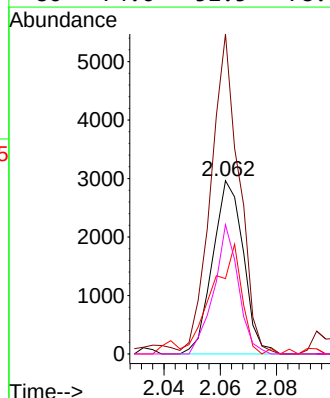
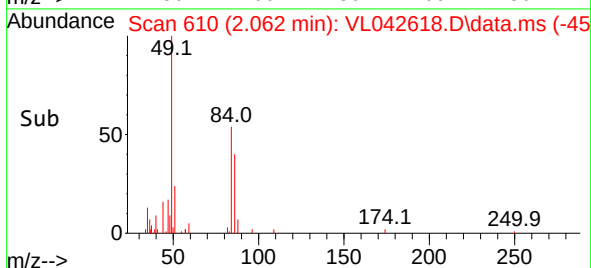
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

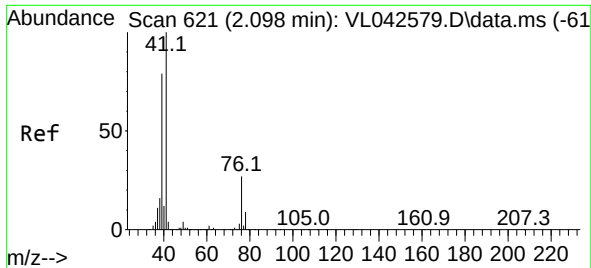


#20
Methylene Chloride
Concen: 0.556 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37



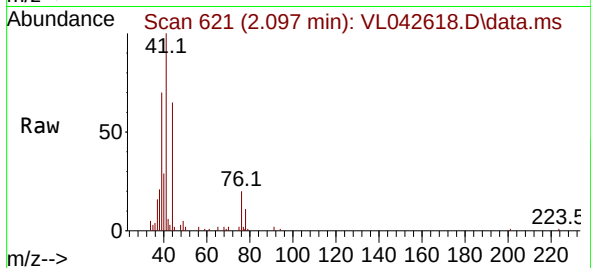
Tgt Ion: 84 Resp: 2244
Ion Ratio Lower Upper
84 100
49 184.7 128.8 193.2
51 43.5 38.6 57.8
86 74.6 52.5 78.7





#21
 Allyl Chloride
 Concen: 0.467 ppbv m
 RT: 2.097 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

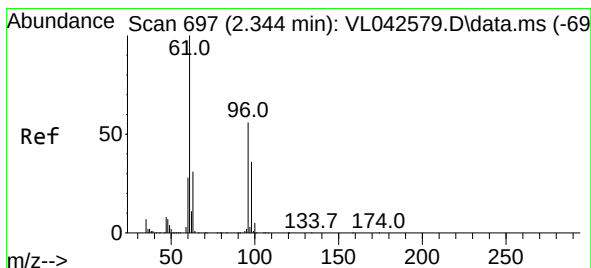
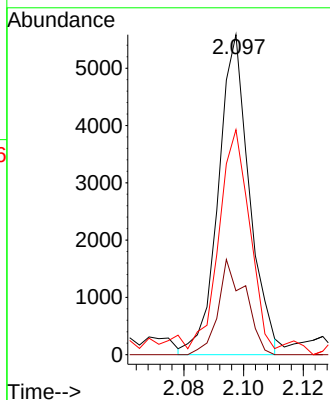
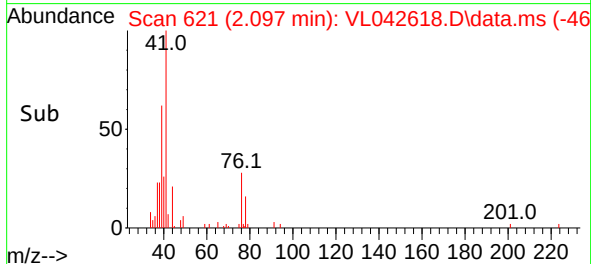
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025



Tgt Ion: 41 Resp: 4030
 Ion Ratio Lower Upper
 41 100
 76 26.2 21.2 31.8
 39 74.7 60.9 91.3

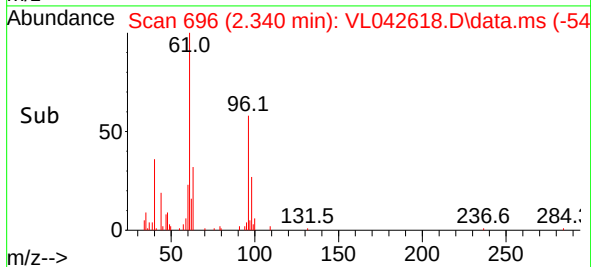
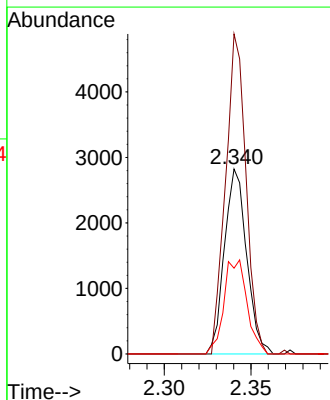
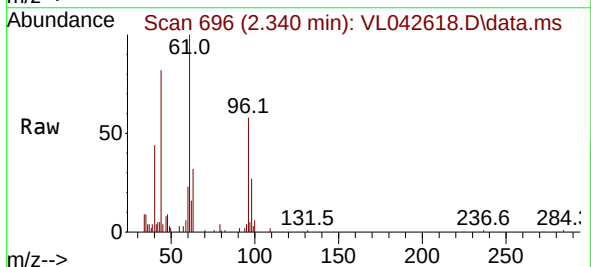
Manual Integrations
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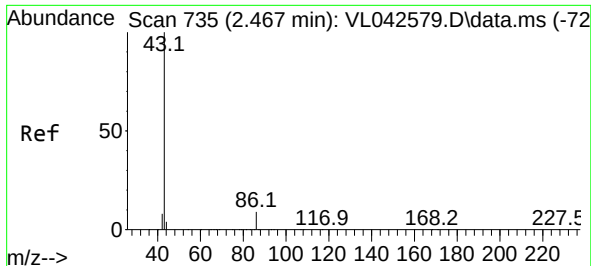
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#22
 trans-1,2-Dichloroethene
 Concen: 0.534 ppbv m
 RT: 2.340 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

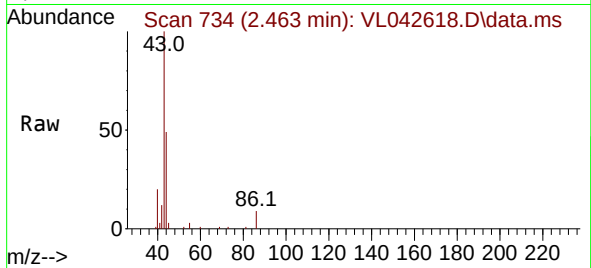
Tgt Ion: 96 Resp: 2520
 Ion Ratio Lower Upper
 96 100
 61 173.0 142.6 214.0
 98 46.3 51.0 76.4#





#23
 Vinyl Acetate
 Concen: 0.536 ppbv m
 RT: 2.463 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

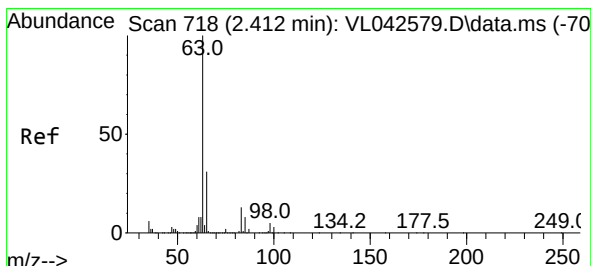
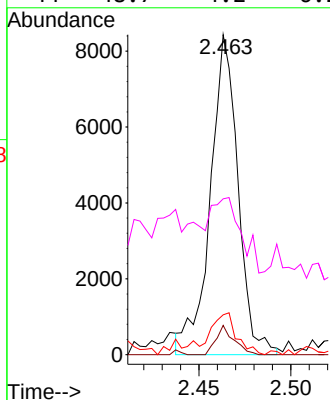
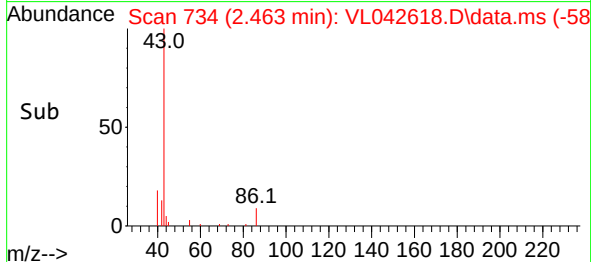
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025



Tgt Ion: 43 Resp: 885
 Ion Ratio Lower Upper
 43 100
 86 9.1 6.6 9.8
 42 12.5 7.0 10.4
 44 48.7 4.2 6.2#

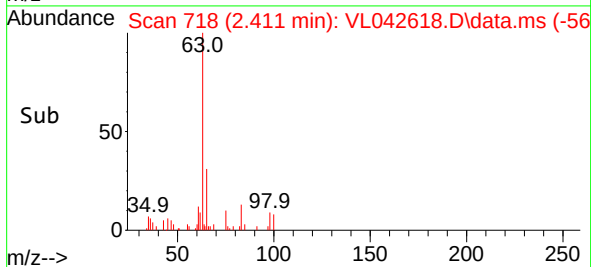
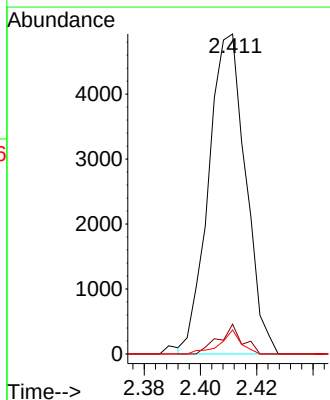
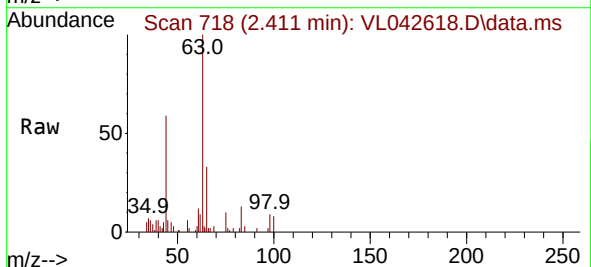
Manual Integrations
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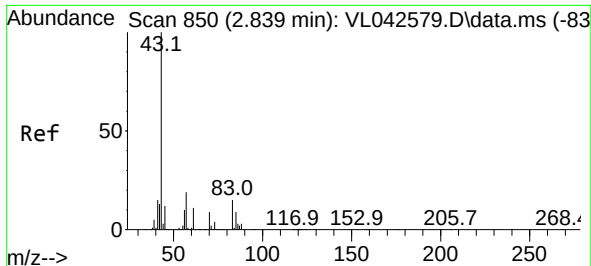
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#24
 1,1-Dichloroethane
 Concen: 0.464 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

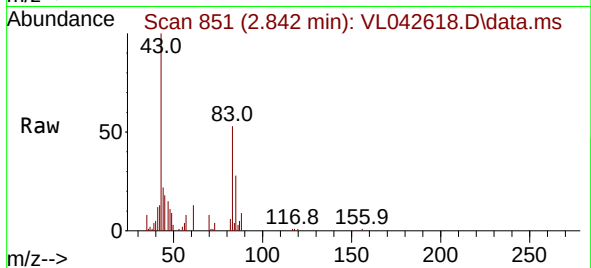
Tgt Ion: 63 Resp: 4505
 Ion Ratio Lower Upper
 63 100
 98 9.0 2.4 7.1#
 100 7.3 1.4 4.0#





#25
Ethyl Acetate
Concen: 0.404 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

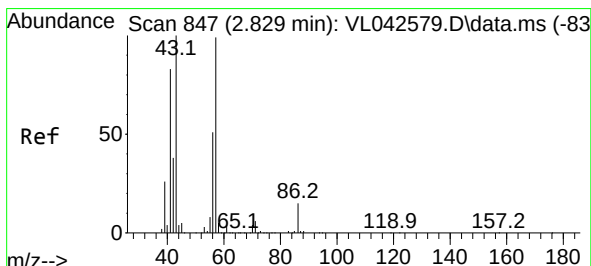
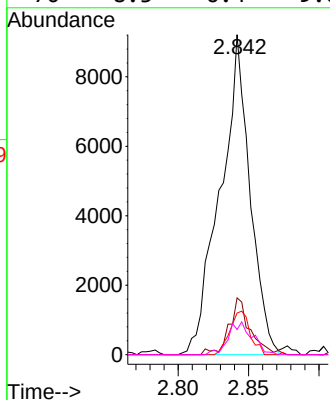
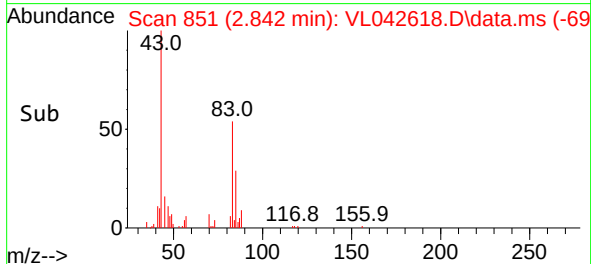
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
45 12.5 8.2 12.2
61 9.2 7.1 10.7
70 8.3 6.4 9.6

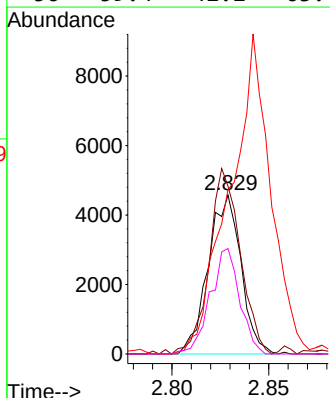
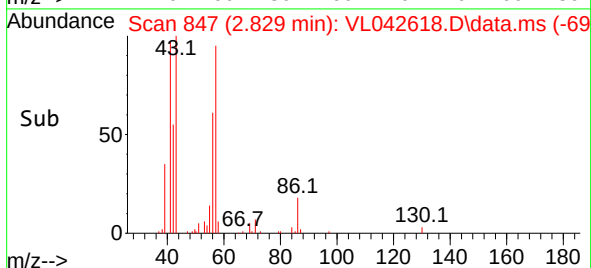
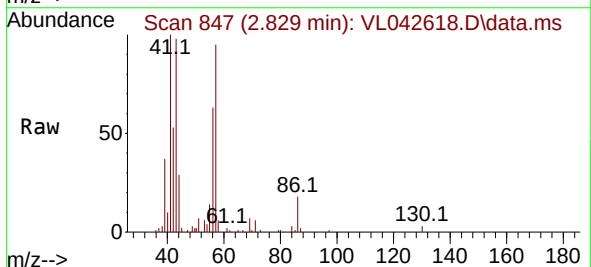
Manual Integrations
APPROVED

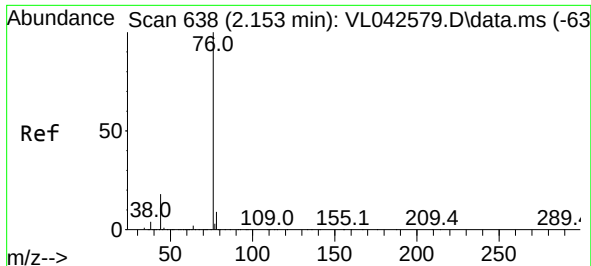
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#26
Hexane
Concen: 0.354 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

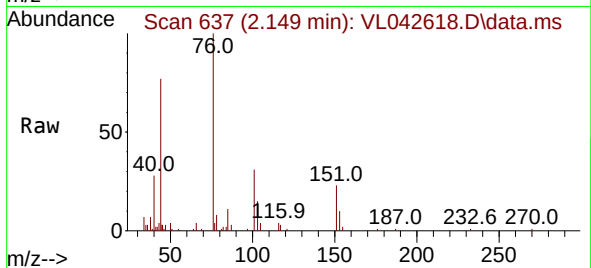
Tgt Ion: 57 Resp: 5377
Ion Ratio Lower Upper
57 100
41 113.9 70.6 106.0
43 253.8 181.1 271.7
56 59.4 42.2 63.4





#27
Carbon Disulfide
Concen: 0.401 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

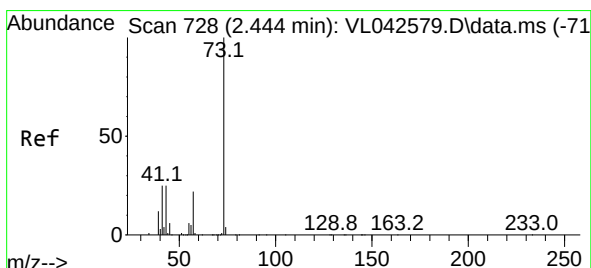
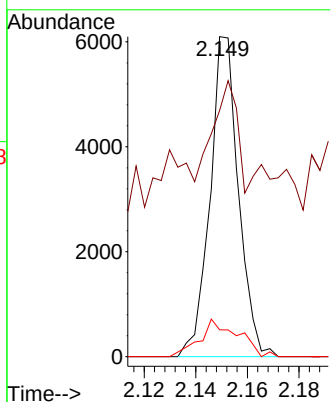
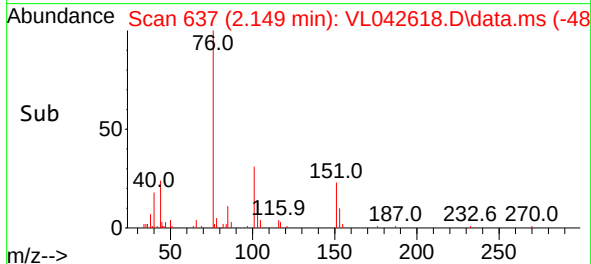
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



Tgt Ion: 76 Resp: 468
Ion Ratio Lower Upper
76 100
44 64.2 21.3 31.9
78 15.6 9.4 14.0

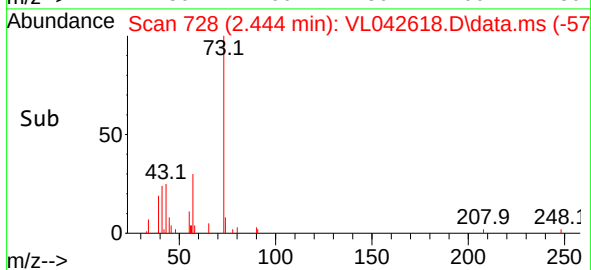
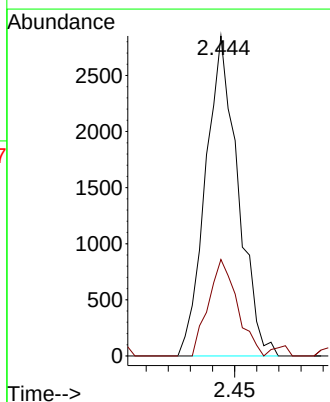
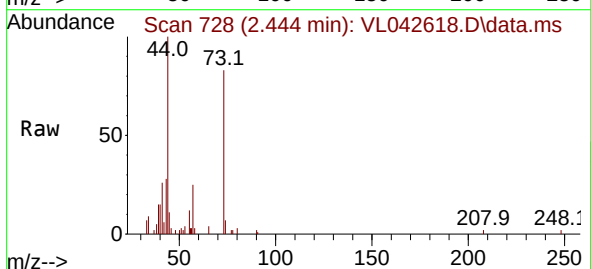
Manual Integrations
APPROVED

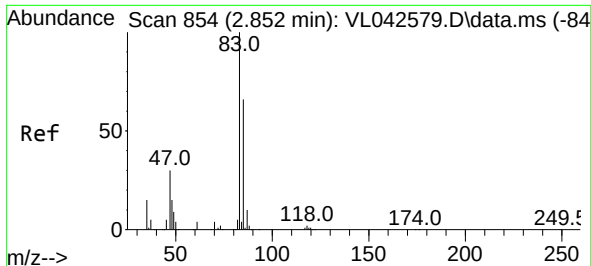
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#28
Methyl tert-Butyl Ether
Concen: 0.471 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

Tgt Ion: 73 Resp: 2905
Ion Ratio Lower Upper
73 100
57 28.2 19.9 29.9





#29

Chloroform

Concen: 0.453 ppbv

RT: 2.852 min Scan# 854

Delta R.T. -0.000 min

Lab File: VL042618.D

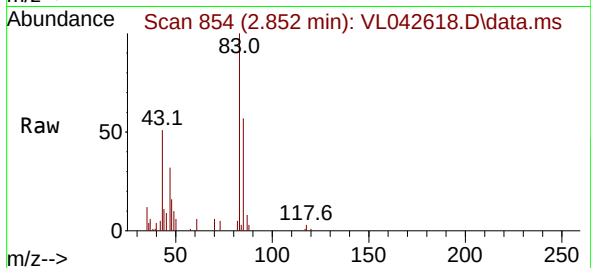
Acq: 05 Jun 2025 12:37

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2025

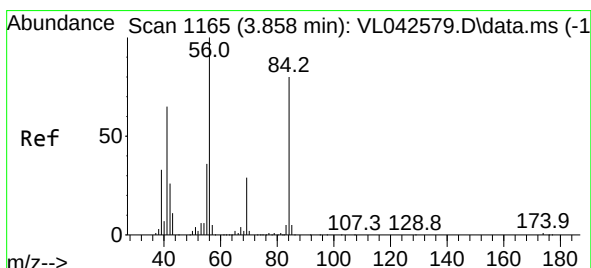
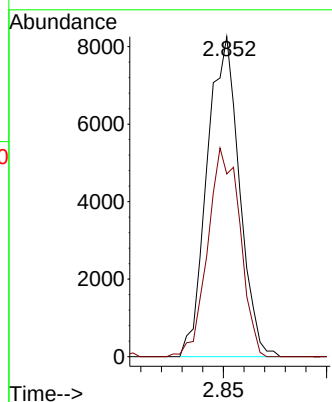


Tgt Ion:	83	Resp:	8954
Ion Ratio	Lower	Upper	
83	100		
85	57.1	52.8	79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#30

Cyclohexane

Concen: 0.347 ppbv m

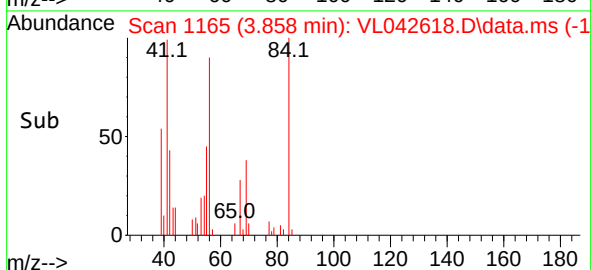
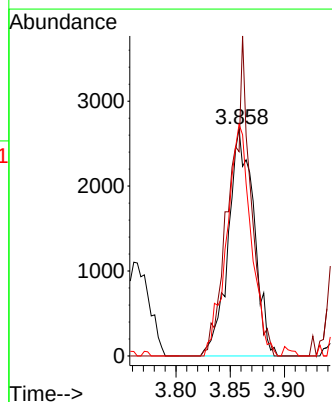
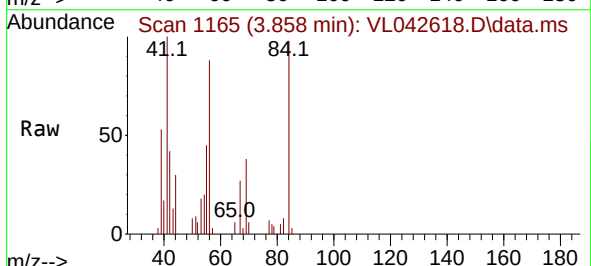
RT: 3.858 min Scan# 1165

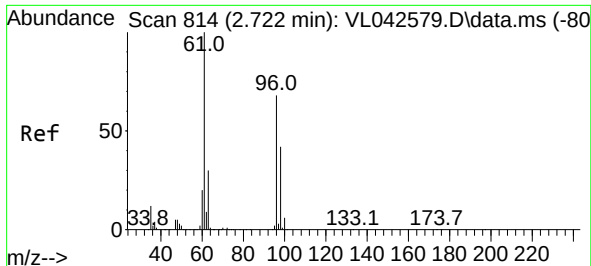
Delta R.T. -0.000 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

Tgt Ion:	84	Resp:	4371
Ion Ratio	Lower	Upper	
84	100		
56	112.8	103.7	155.5
41	98.8	65.1	97.7





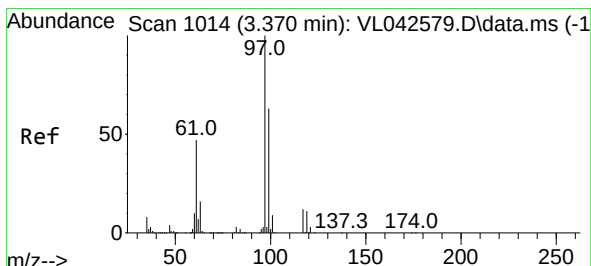
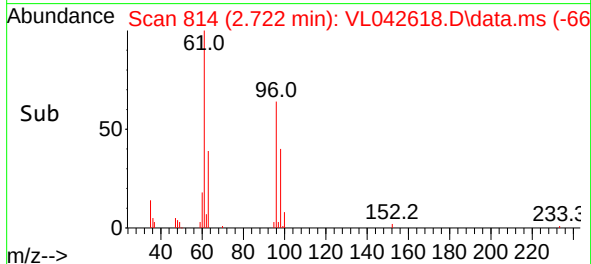
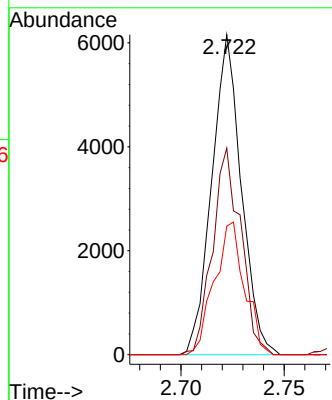
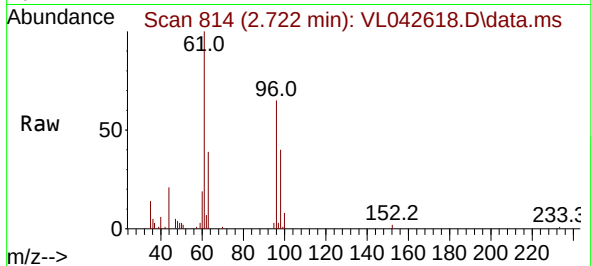
#31
 cis-1,2-Dichloroethene
 Concen: 0.440 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025

Tgt Ion: 61 Resp: 6124
 Ion Ratio Lower Upper
 61 100
 96 64.6 54.5 81.7
 98 40.2 33.4 50.2

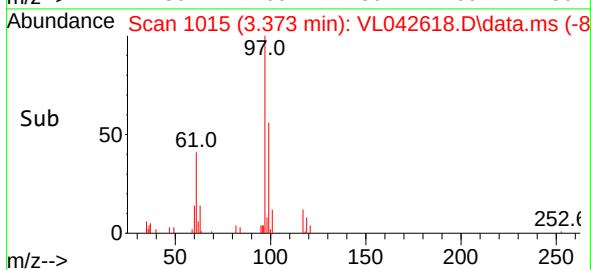
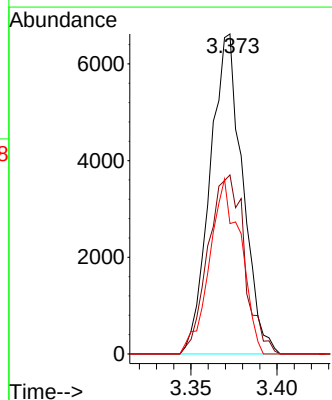
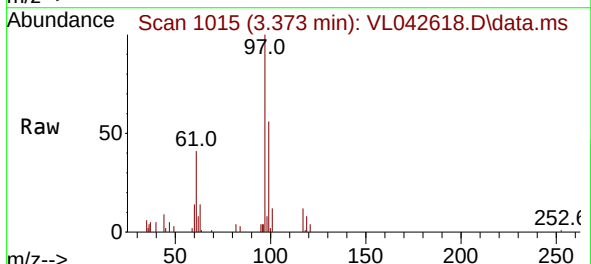
Manual Integrations
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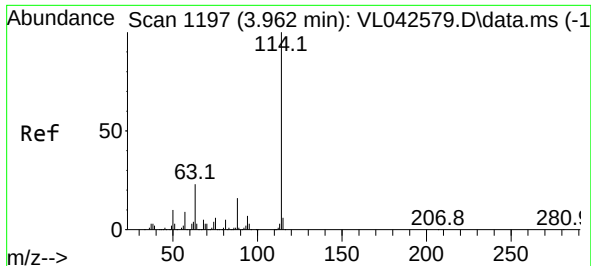
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#32
 1,1,1-Trichloroethane
 Concen: 0.431 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.003 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

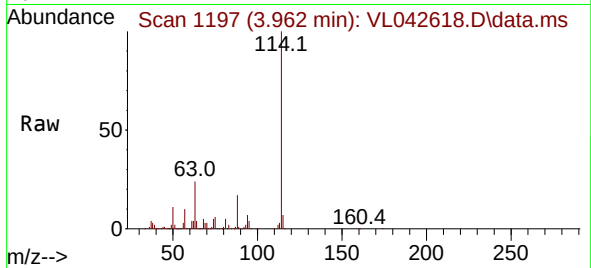
Tgt Ion: 97 Resp: 8698
 Ion Ratio Lower Upper
 97 100
 99 62.3 51.0 76.6
 61 52.5 39.4 59.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

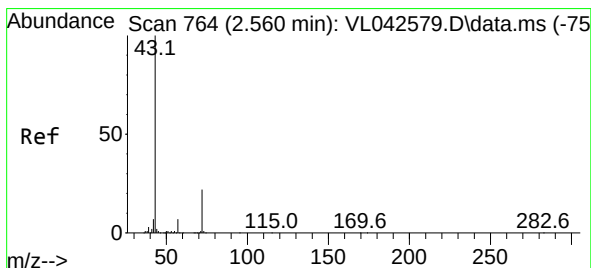
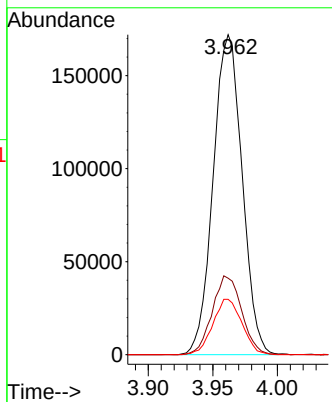
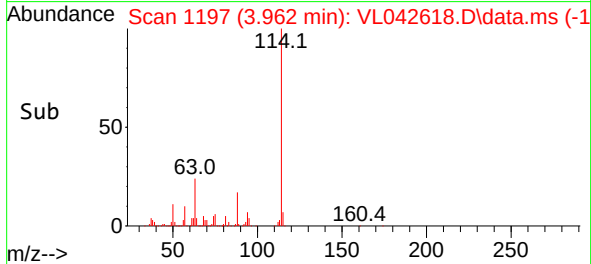
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



Tgt Ion:114 Resp: 26836
Ion Ratio Lower Upper
114 100
63 25.1 19.0 28.6
88 17.4 13.6 20.4

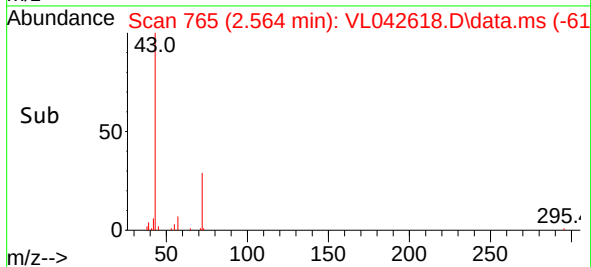
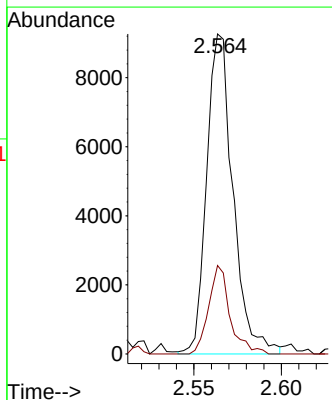
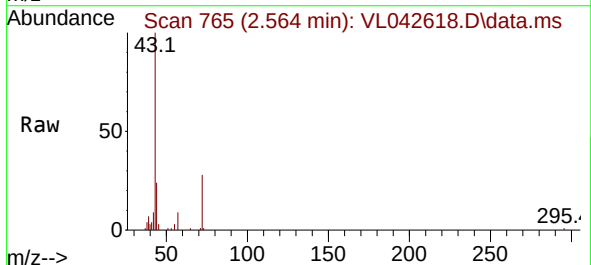
Manual Integrations
APPROVED

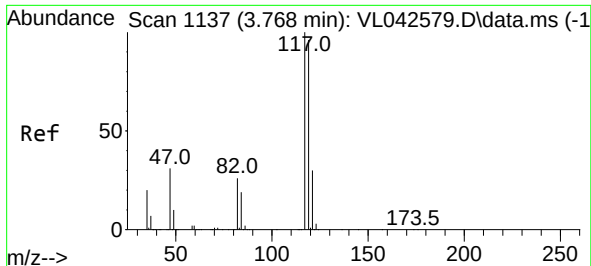
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#34
2-Butanone
Concen: 0.508 ppbv m
RT: 2.564 min Scan# 765
Delta R.T. 0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

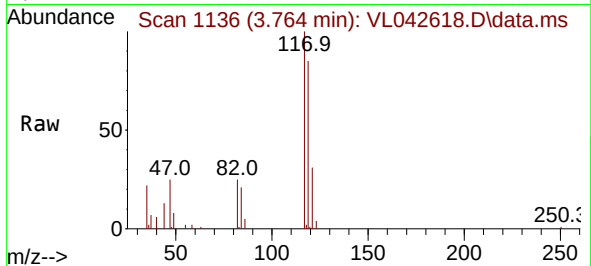
Tgt Ion: 43 Resp: 9721
Ion Ratio Lower Upper
43 100
72 22.4 17.7 26.5





#35
Carbon Tetrachloride
Concen: 0.480 ppbv
RT: 3.764 min Scan# 1136
Delta R.T. -0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

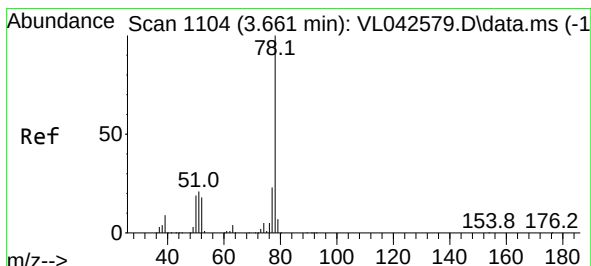
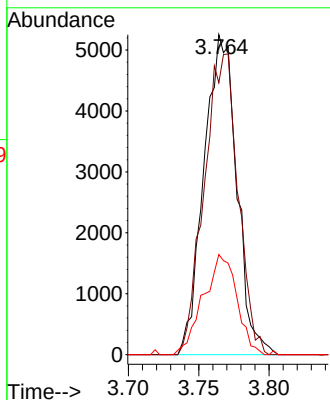
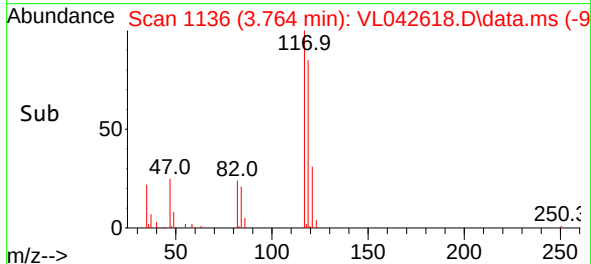
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



Tgt Ion: 117 Resp: 850
Ion Ratio Lower Upper
117 100
119 86.3 76.8 115.2
121 31.3 24.3 36.5

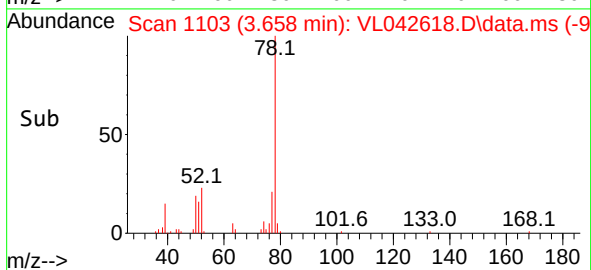
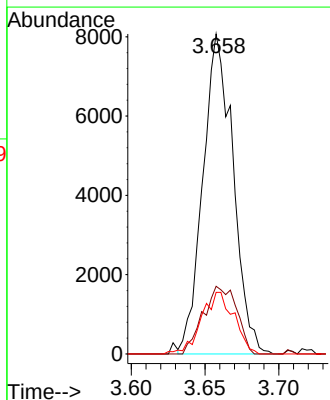
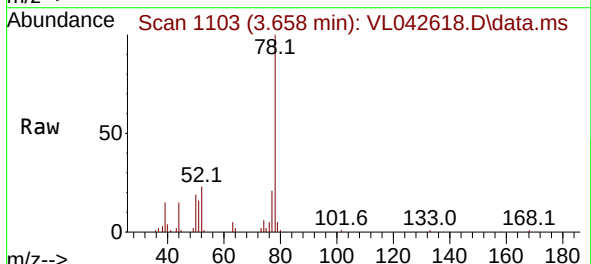
Manual Integrations
APPROVED

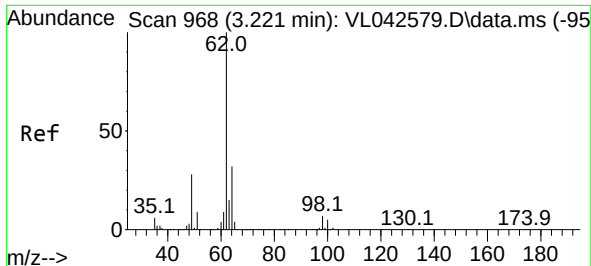
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#36
Benzene
Concen: 0.434 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

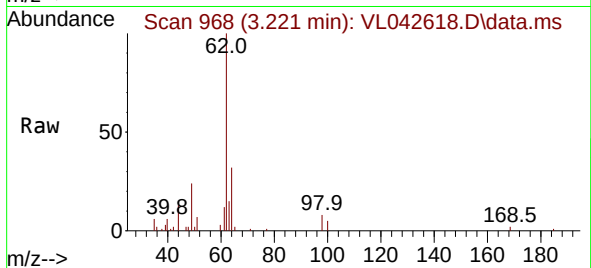
Tgt Ion: 78 Resp: 11480
Ion Ratio Lower Upper
78 100
77 21.2 18.2 27.2
50 19.2 15.2 22.8





#37
1,2-Dichloroethane
Concen: 0.540 ppbv
RT: 3.221 min Scan# 90
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

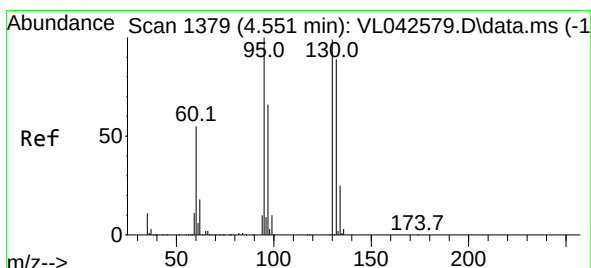
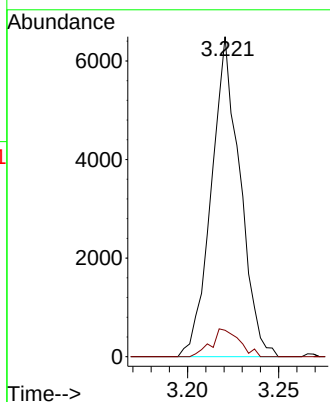
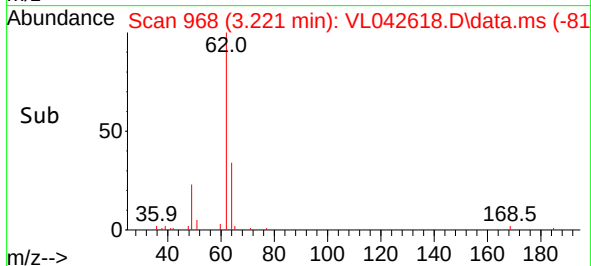
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



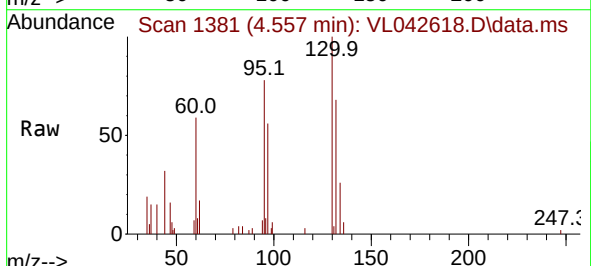
Tgt Ion: 62 Resp: 7098
Ion Ratio Lower Upper
62 100
98 8.4 6.1 9.1

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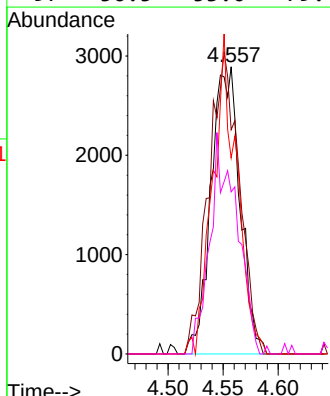
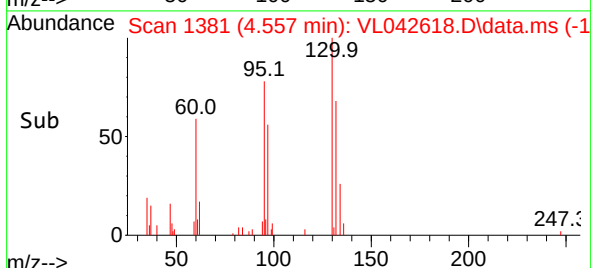
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

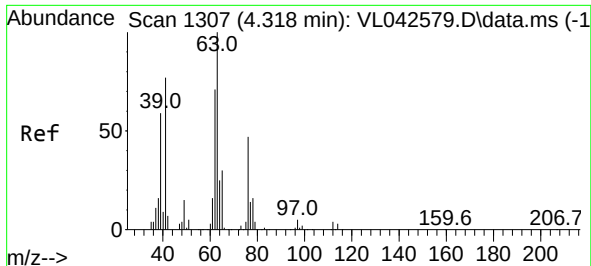


#38
Trichloroethene
Concen: 0.472 ppbv m
RT: 4.557 min Scan# 1381
Delta R.T. 0.006 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37



Tgt Ion:130 Resp: 5300
Ion Ratio Lower Upper
130 100
95 78.1 80.6 121.0#
132 68.2 71.8 107.6#
97 56.5 53.0 79.4





#39

1,2-Dichloropropane

Concen: 0.479 ppbv m

RT: 4.318 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

Instrument :

MSVOA_L

ClientSampleId :

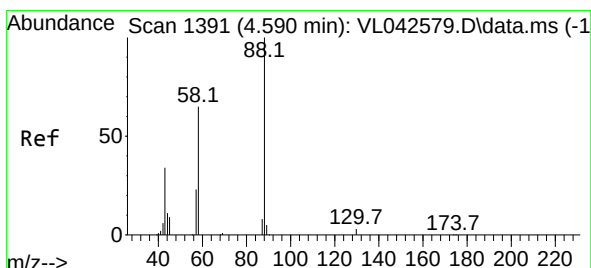
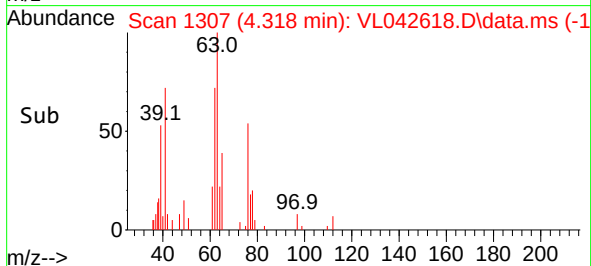
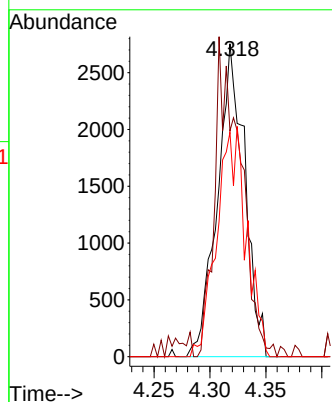
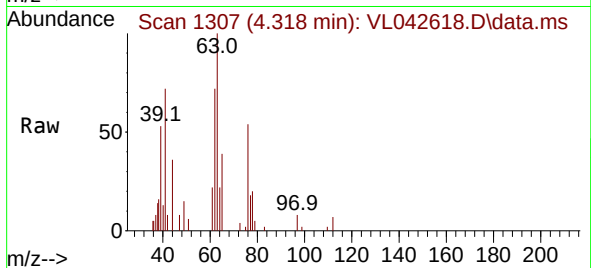
MDL-AIR-03-QT2-2025

Tgt Ion:	63	Resp:	4680
Ion	Ratio	Lower	Upper
63	100		
41	72.2	61.8	92.6
62	71.7	56.6	85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#40

1,4-Dioxane

Concen: 0.414 ppbv m

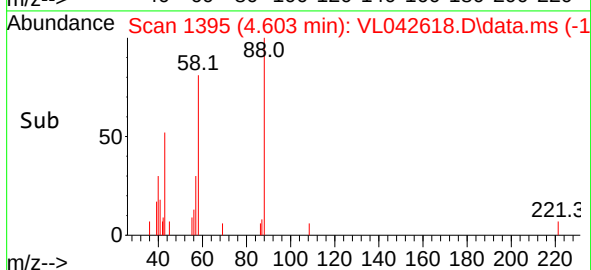
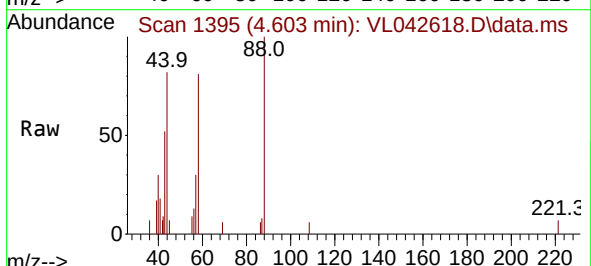
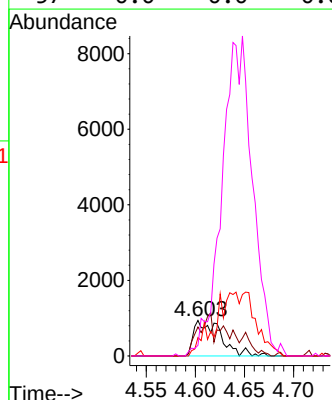
RT: 4.603 min Scan# 1395

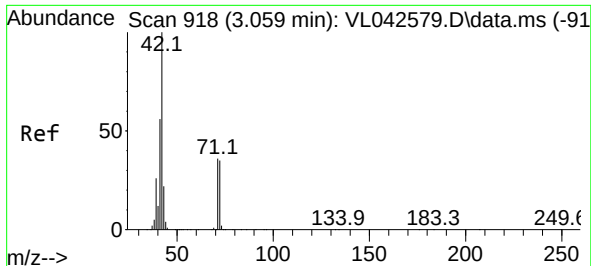
Delta R.T. 0.013 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

Tgt Ion:	88	Resp:	1809
Ion	Ratio	Lower	Upper
88	100		
58	0.0	55.8	83.8#
43	0.0	24.8	37.2#
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 0.422 ppbv m

RT: 3.068 min Scan# 918

Delta R.T. 0.010 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

Instrument :

MSVOA_L

ClientSampleId :

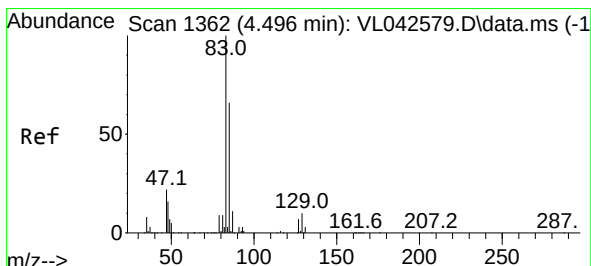
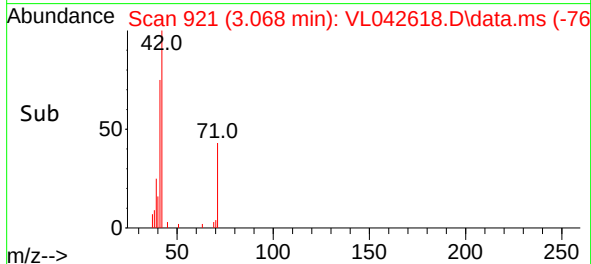
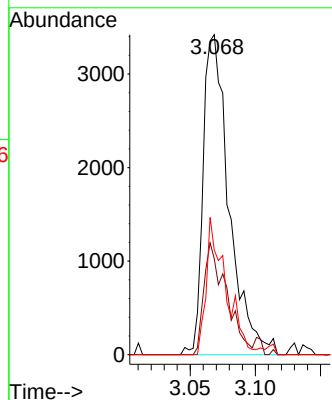
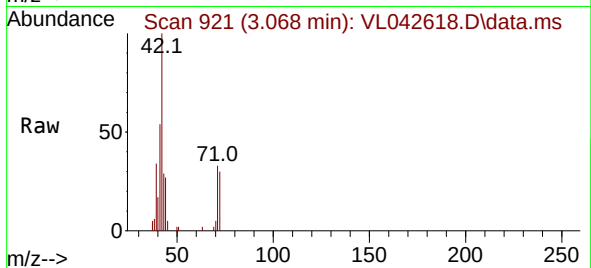
MDL-AIR-03-QT2-2025

Tgt Ion:	42	Resp:	4724
Ion	Ratio	Lower	Upper
42	100		
72	32.3	28.9	43.3
71	33.7	28.5	42.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#42

Bromodichloromethane

Concen: 0.510 ppbv m

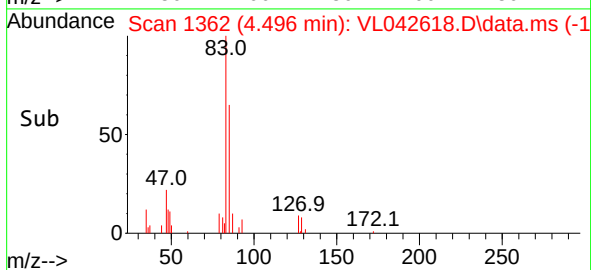
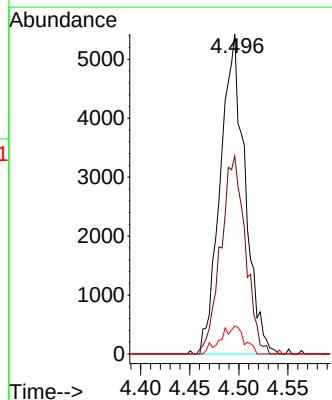
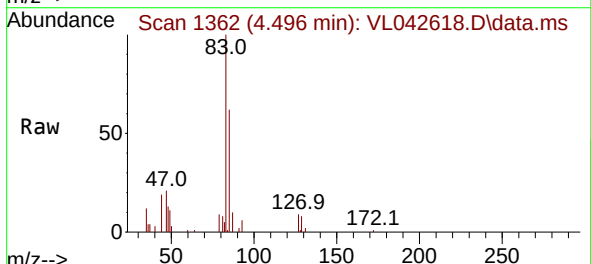
RT: 4.496 min Scan# 1362

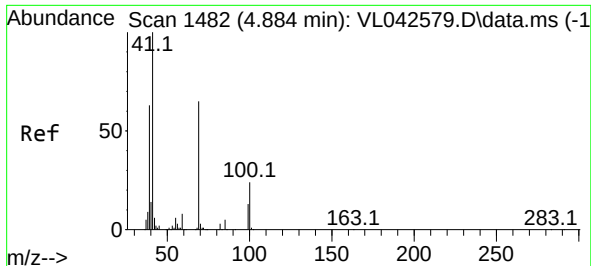
Delta R.T. -0.000 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

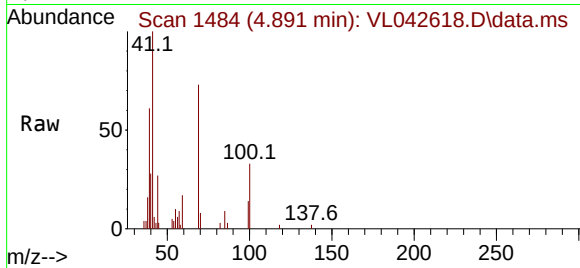
Tgt Ion:	83	Resp:	9506
Ion	Ratio	Lower	Upper
83	100		
85	61.8	52.7	79.1
127	8.8	5.8	8.6





#43
Methyl Methacrylate
Concen: 0.359 ppbv m
RT: 4.891 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

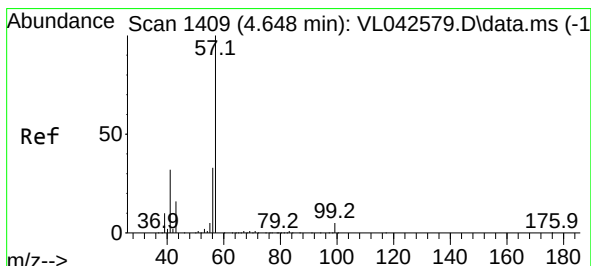
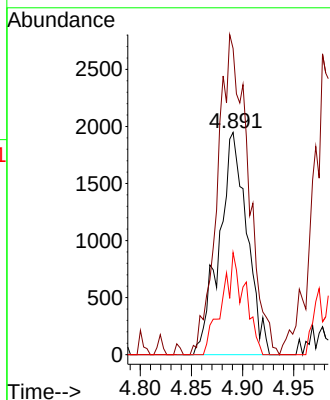
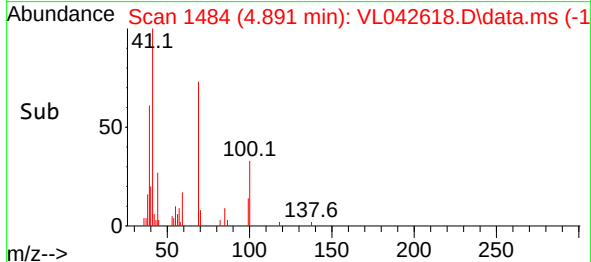
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



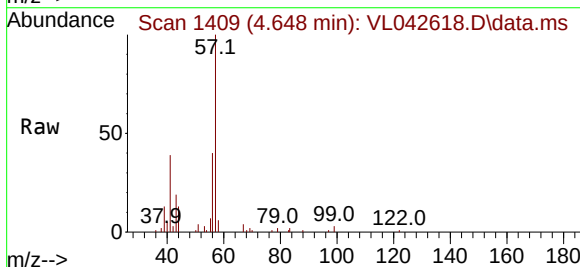
Tgt Ion: 69 Resp: 3680
Ion Ratio Lower Upper
69 100
41 158.1 124.6 187.0
100 38.1 29.9 44.9

Manual Integrations
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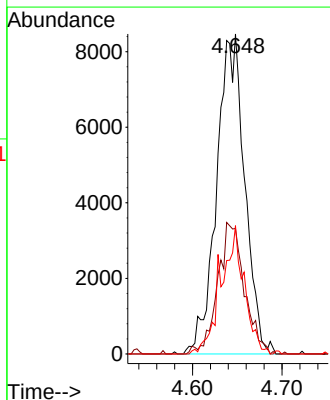
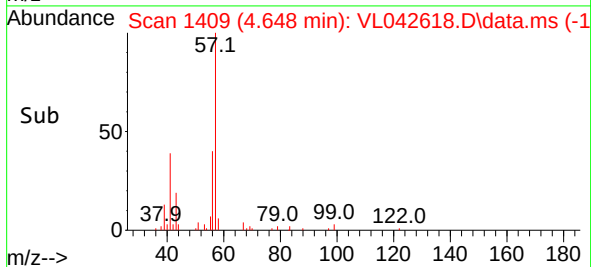
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

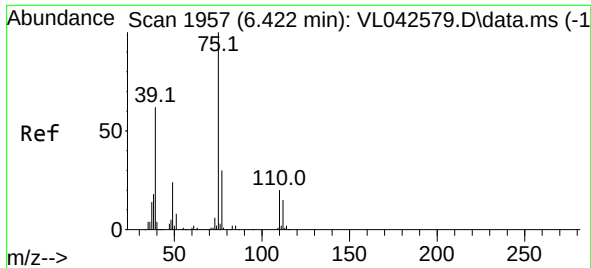


#44
2,2,4-Trimethylpentane
Concen: 0.408 ppbv m
RT: 4.648 min Scan# 1409
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37



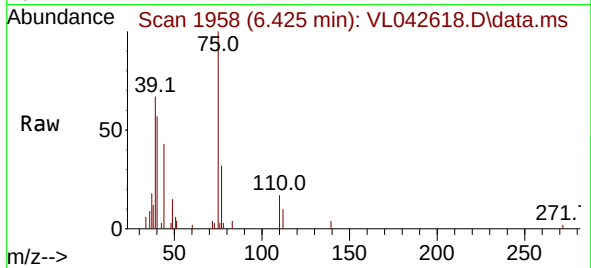
Tgt Ion: 57 Resp: 18444
Ion Ratio Lower Upper
57 100
41 0.0 26.1 39.1#
56 33.5 25.9 38.9





#45
 t-1,3-Dichloropropene
 Concen: 0.372 ppbv m
 RT: 6.425 min Scan# 1957
 Delta R.T. 0.003 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

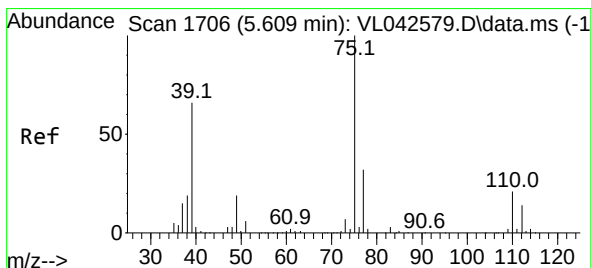
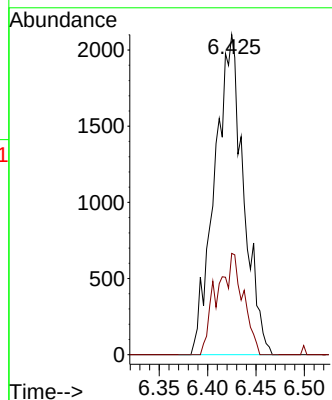
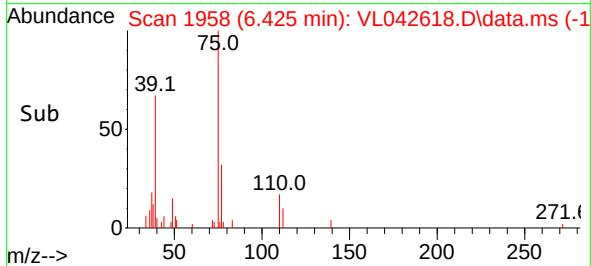
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025



Tgt Ion: 75 Resp: 4368
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.2

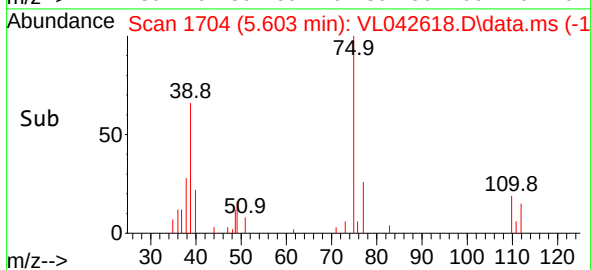
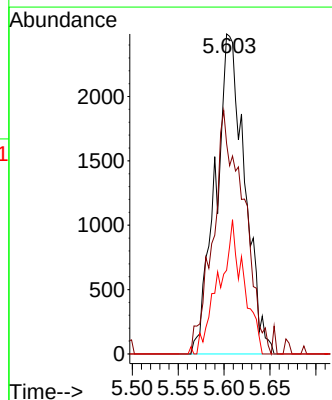
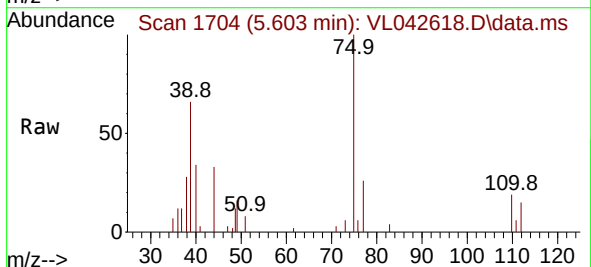
Manual Integrations
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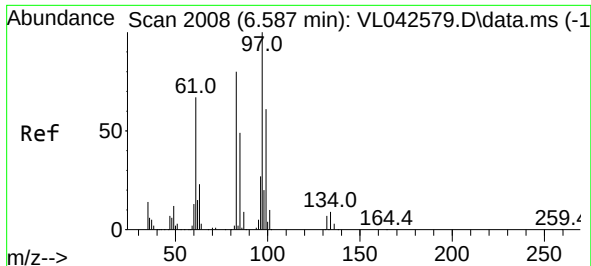
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#46
 cis-1,3-Dichloropropene
 Concen: 0.374 ppbv m
 RT: 5.603 min Scan# 1704
 Delta R.T. -0.007 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

Tgt Ion: 75 Resp: 5501
 Ion Ratio Lower Upper
 75 100
 39 65.7 52.7 79.1
 77 26.1 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 0.444 ppbv m

RT: 6.590 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2025

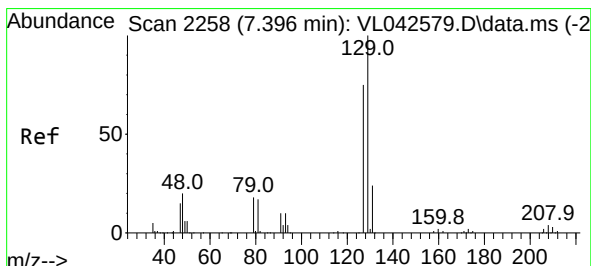
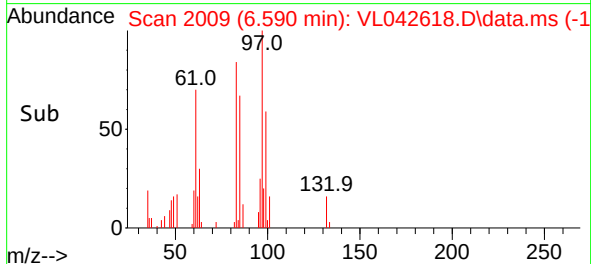
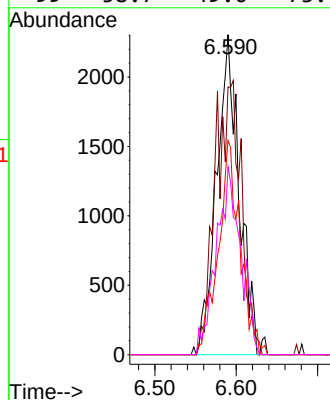
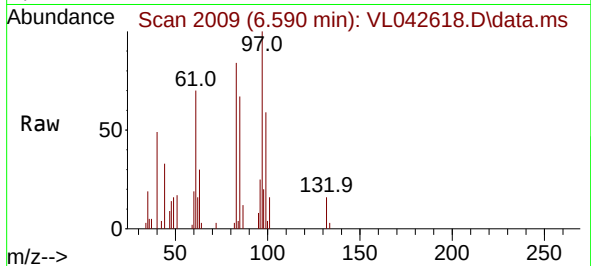
Tgt Ion: 97	Resp: 449
Ion Ratio	Lower Upper
97 100	
83 83.6	63.9 95.9
85 66.9	39.2 58.8
99 58.7	49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025

Supervised By :Mahesh Dadoda 06/06/2025



#48

Dibromochloromethane

Concen: 0.433 ppbv

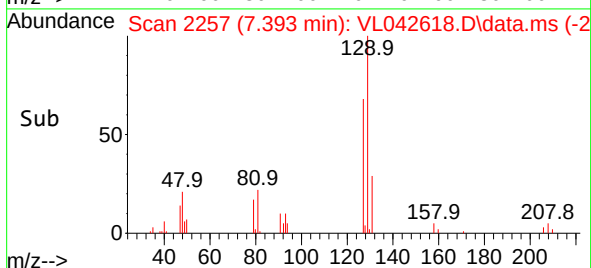
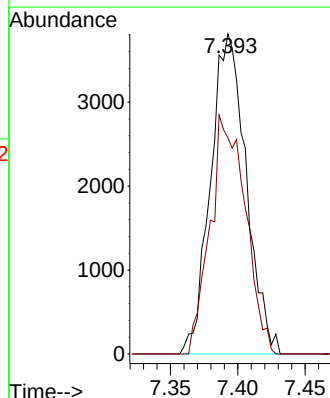
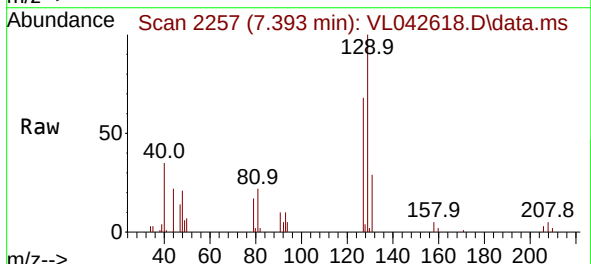
RT: 7.393 min Scan# 2257

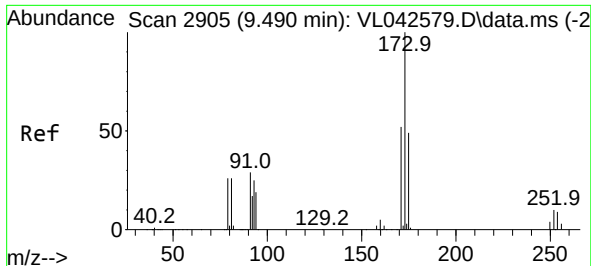
Delta R.T. -0.003 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

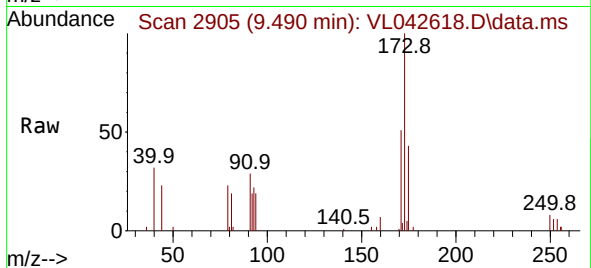
Tgt Ion:129	Resp: 7011
Ion Ratio	Lower Upper
129 100	
127 73.8	39.0 116.9





#49
Bromoform
Concen: 0.392 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

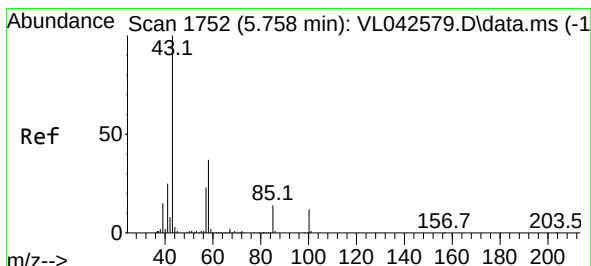
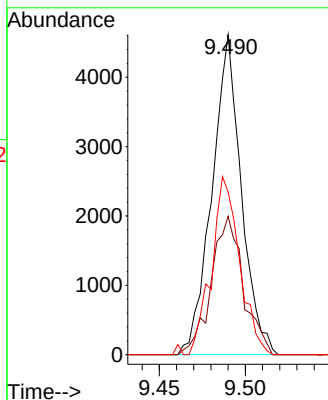
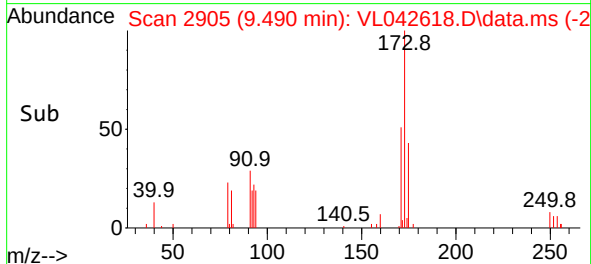
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



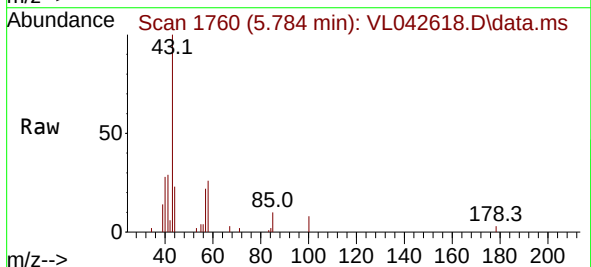
Tgt Ion:173 Resp: 5470
Ion Ratio Lower Upper
173 100
175 47.2 38.7 58.1
171 53.7 41.2 61.8

Manual Integrations
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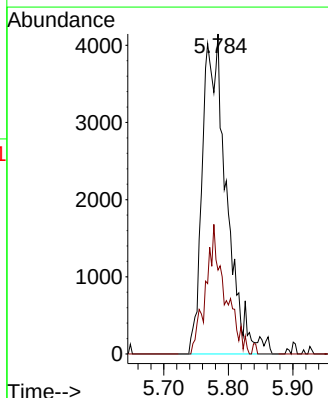
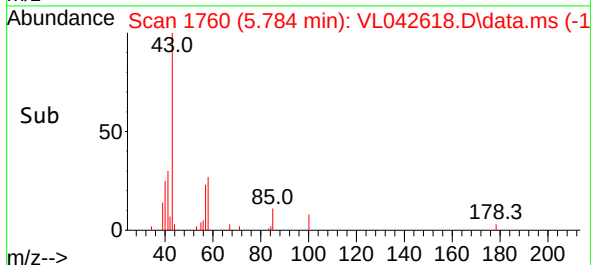
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

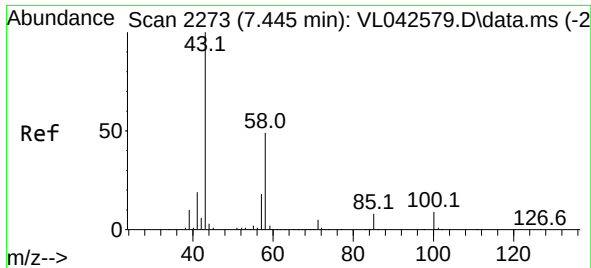


#50
4-Methyl-2-Pentanone
Concen: 0.403 ppbv m
RT: 5.784 min Scan# 1760
Delta R.T. 0.026 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37



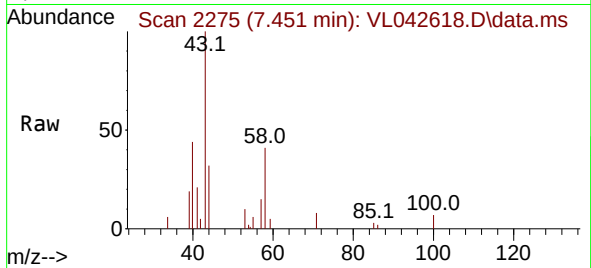
Tgt Ion: 43 Resp: 10699
Ion Ratio Lower Upper
43 100
58 0.0 28.3 42.5#





#51
2-Hexanone
Concen: 0.312 ppbv m
RT: 7.451 min Scan# 2114
Delta R.T. 0.006 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

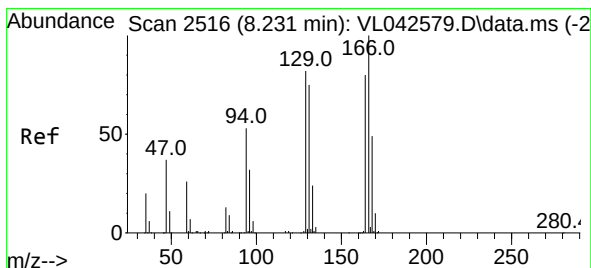
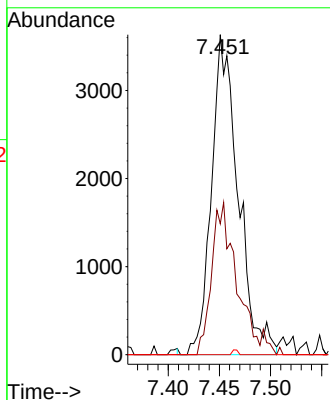
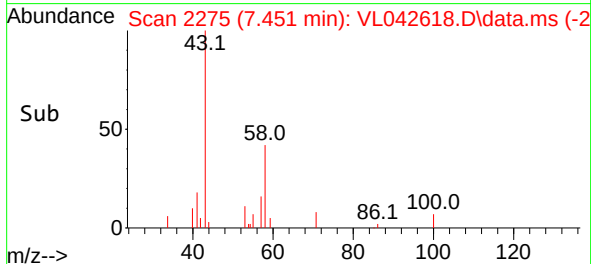
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



Tgt Ion: 43 Resp: 6574
Ion Ratio Lower Upper
43 100
58 45.8 39.9 59.9
98 0.0 0.1 0.1

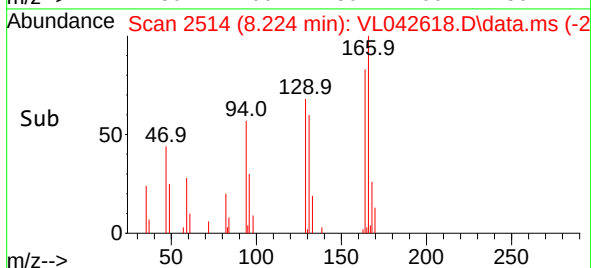
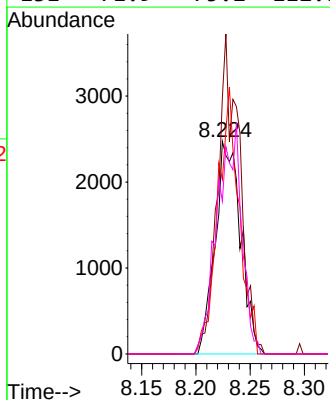
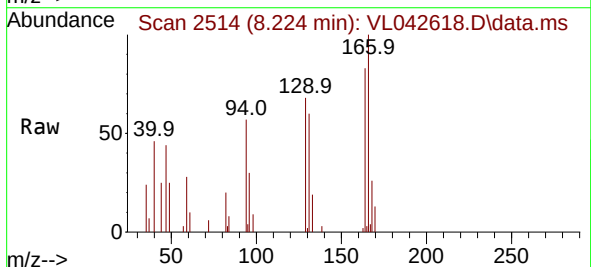
Manual Integrations
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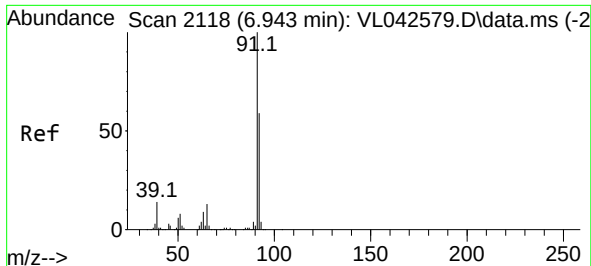
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#52
Tetrachloroethene
Concen: 0.409 ppbv m
RT: 8.224 min Scan# 2514
Delta R.T. -0.007 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

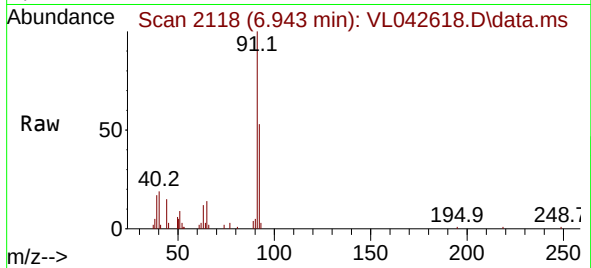
Tgt Ion:164 Resp: 4040
Ion Ratio Lower Upper
164 100
166 120.5 100.0 150.0
129 82.1 82.2 123.4#
131 71.9 75.2 112.8#





#53
Toluene
Concen: 0.360 ppbv m
RT: 6.943 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

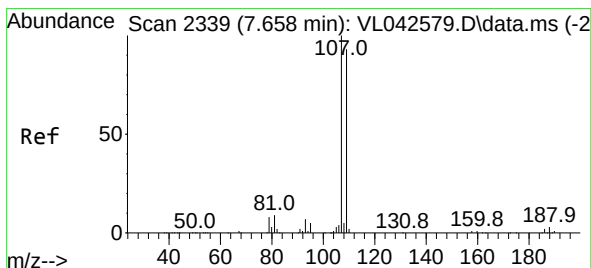
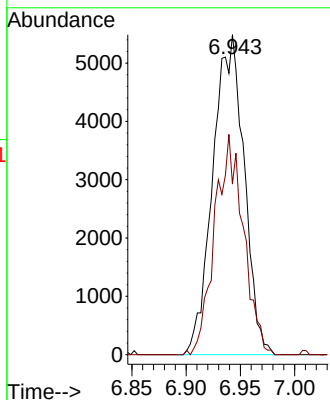
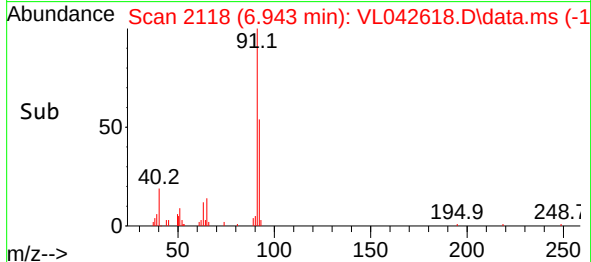
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



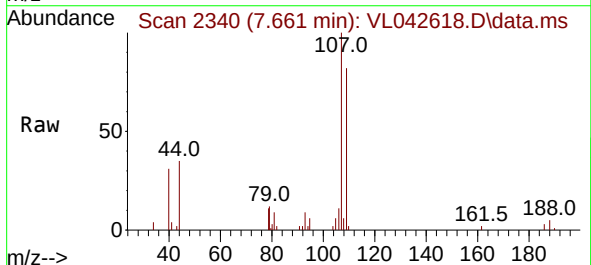
Tgt Ion: 91 Resp: 1098
Ion Ratio Lower Upper
91 100
92 63.0 48.2 72.4

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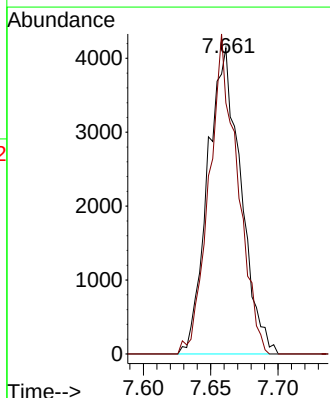
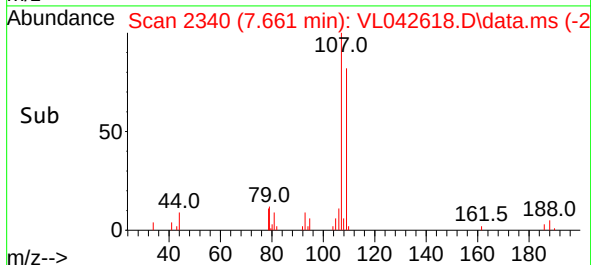
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

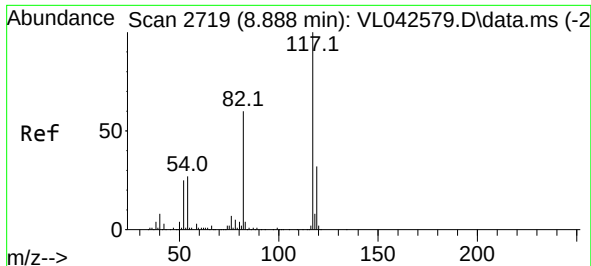


#54
1,2-Dibromoethane
Concen: 0.473 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37



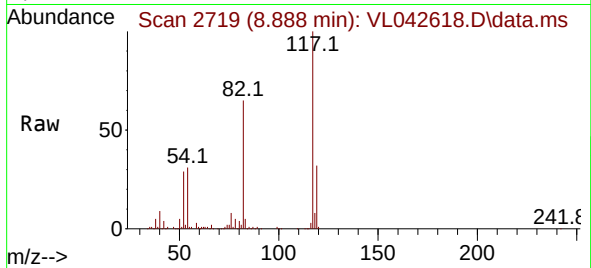
Tgt Ion:107 Resp: 7080
Ion Ratio Lower Upper
107 100
109 82.0 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

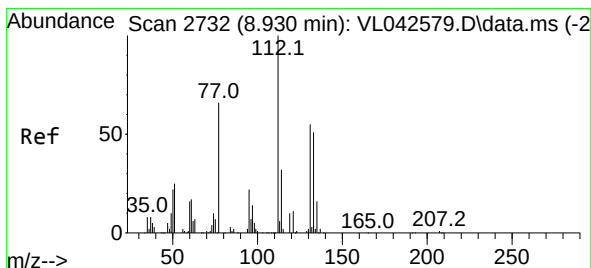
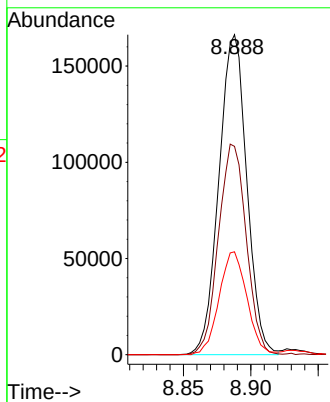
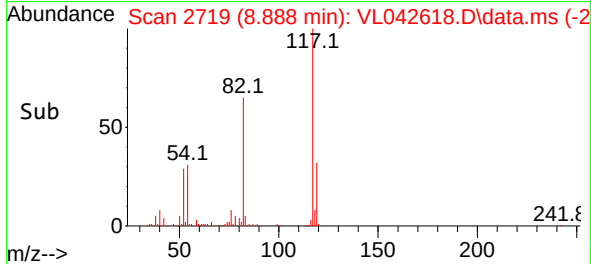
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2025



Tgt Ion:117 Resp: 239459
Ion Ratio Lower Upper
117 100
82 65.8 51.2 76.8
119 33.4 26.3 39.5

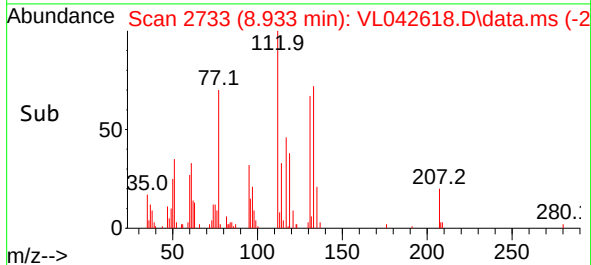
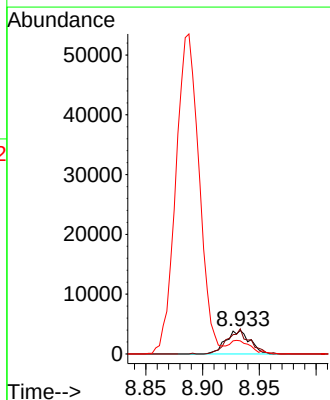
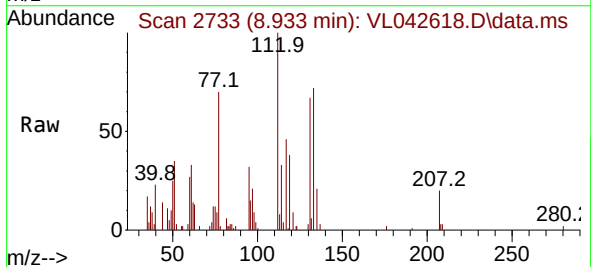
Manual Integrations
APPROVED

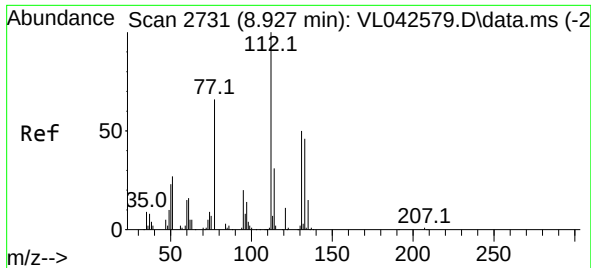
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.481 ppbv m
RT: 8.933 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

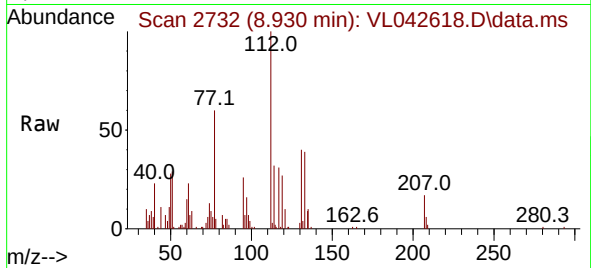
Tgt Ion:131 Resp: 5794
Ion Ratio Lower Upper
131 100
133 97.6 75.0 112.6
119 0.0 50.8 76.2#





#57
Chlorobenzene
Concen: 0.493 ppbv m
RT: 8.930 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

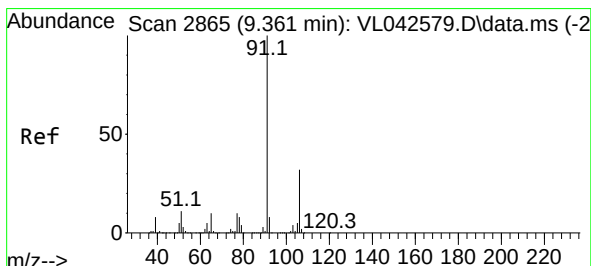
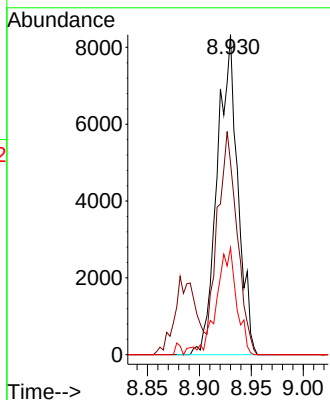
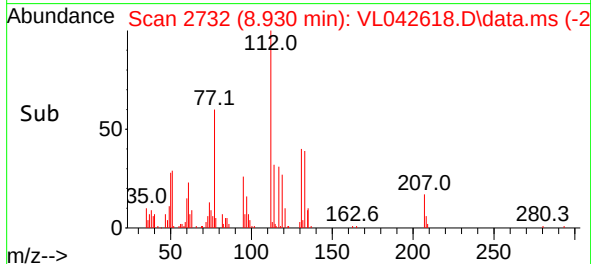
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



Tgt Ion: 112 Resp: 1146
Ion Ratio Lower Upper
112 100
77 60.0 53.5 80.3
114 31.8 27.8 34.0

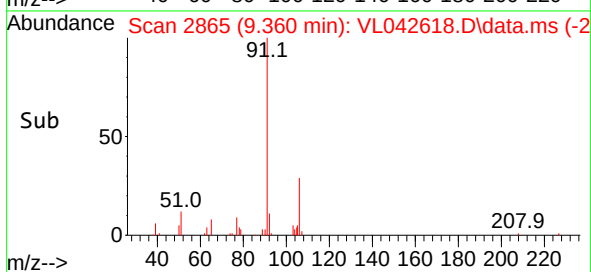
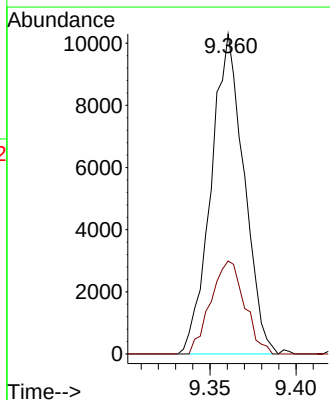
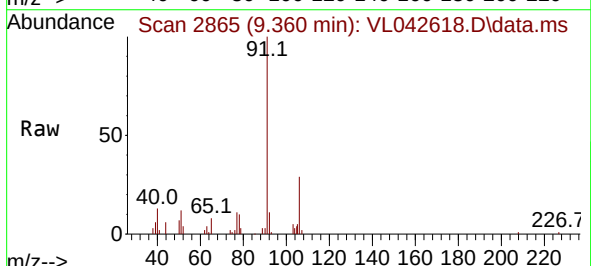
Manual Integrations
APPROVED

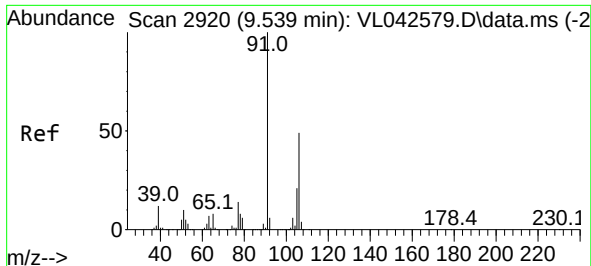
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#58
Ethyl Benzene
Concen: 0.338 ppbv
RT: 9.360 min Scan# 2865
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

Tgt Ion: 91 Resp: 13713
Ion Ratio Lower Upper
91 100
106 29.1 25.9 38.9





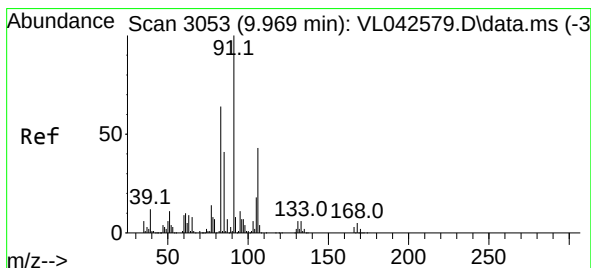
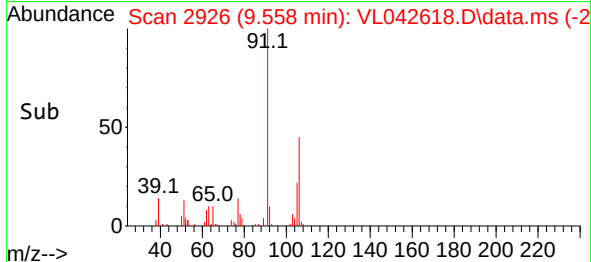
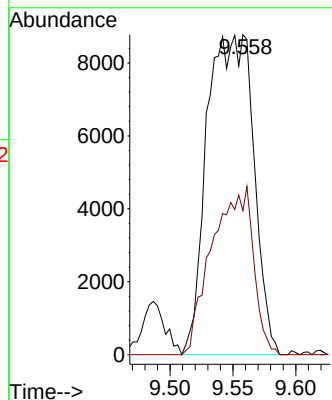
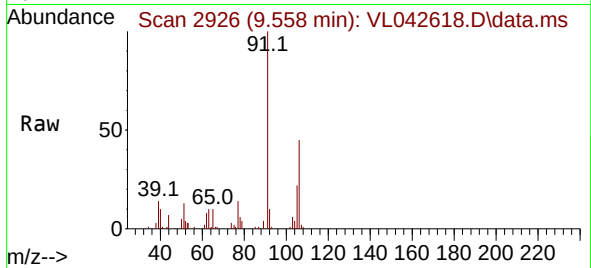
#59
m/p-Xylene
Concen: 0.708 ppbv m
RT: 9.558 min Scan# 2920
Delta R.T. 0.019 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

Tgt Ion: 91 Resp: 22610
Ion Ratio Lower Upper
91 100
106 0.0 38.8 58.2

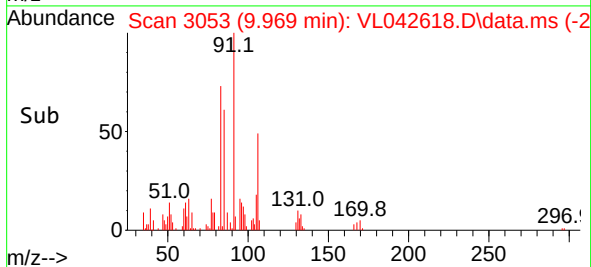
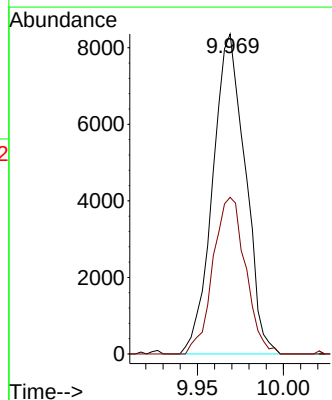
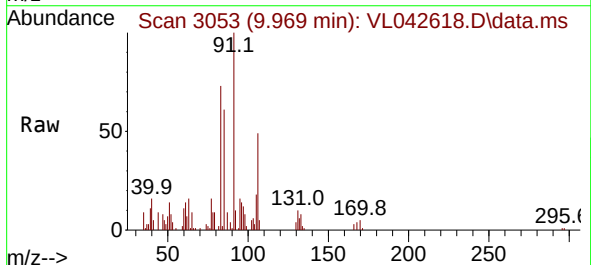
Manual Integrations
APPROVED

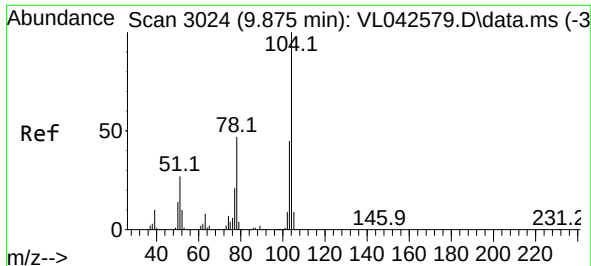
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#60
o-Xylene
Concen: 0.344 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

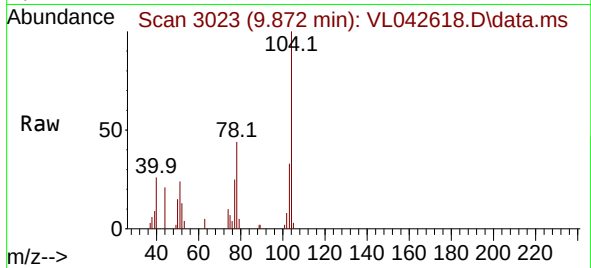
Tgt Ion: 91 Resp: 10981
Ion Ratio Lower Upper
91 100
106 48.9 22.9 68.5





#61
Styrene
Concen: 0.282 ppbv m
RT: 9.872 min Scan# 3024
Delta R.T. -0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

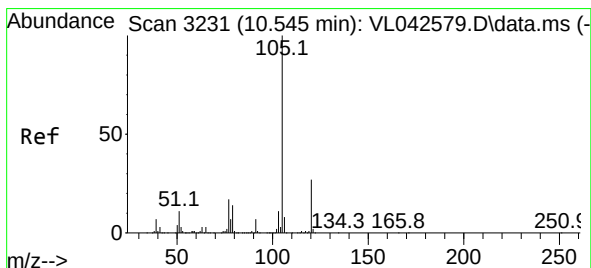
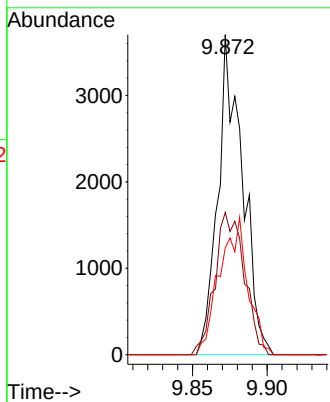
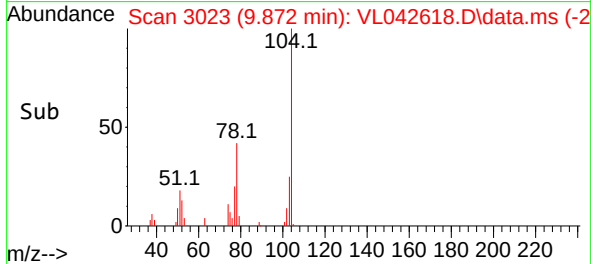
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



Tgt Ion:104 Resp: 4240
Ion Ratio Lower Upper
104 100
78 53.1 38.2 57.4
103 0.0 36.7 55.1

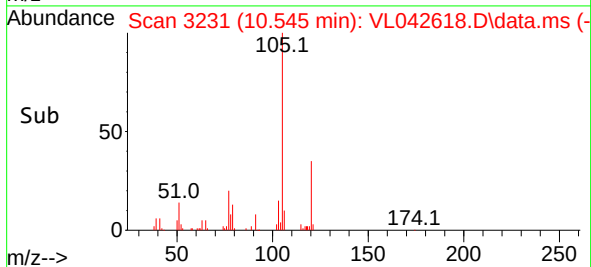
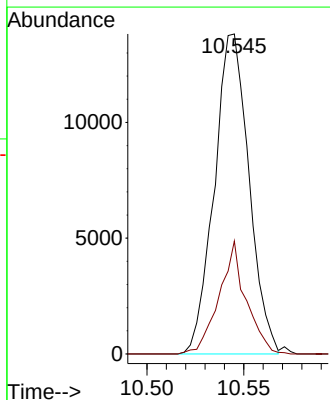
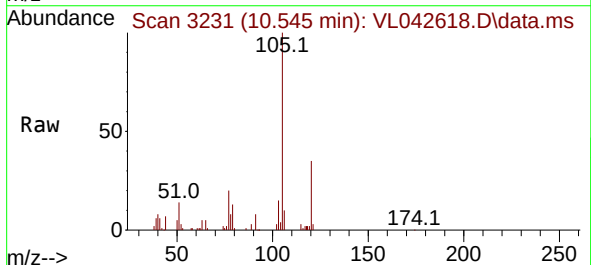
Manual Integrations
APPROVED

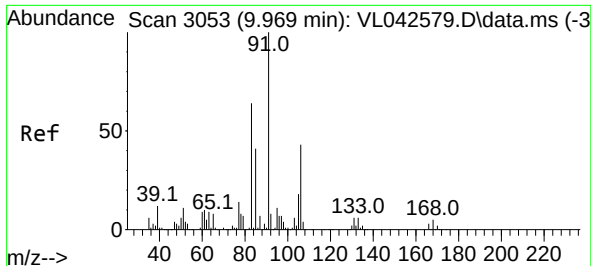
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#62
Isopropylbenzene
Concen: 0.365 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

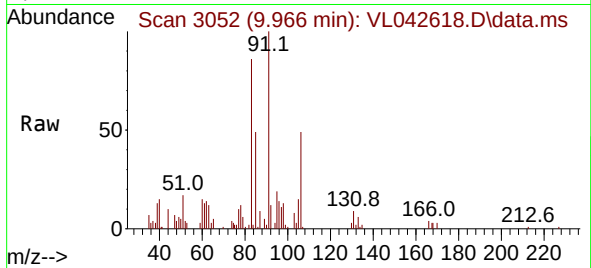
Tgt Ion:105 Resp: 17205
Ion Ratio Lower Upper
105 100
120 27.4 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 0.470 ppbv m
RT: 9.966 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

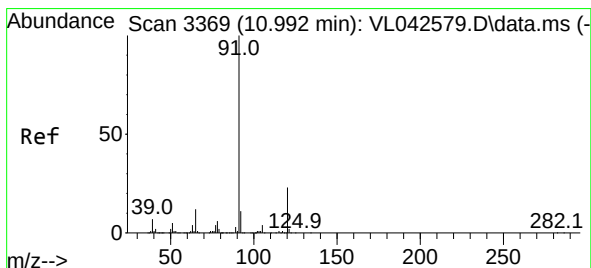
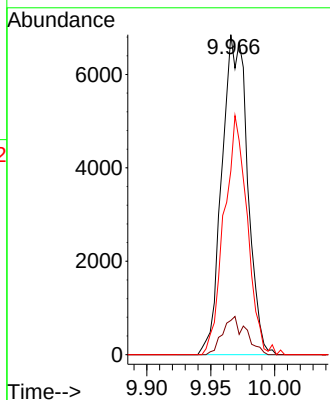
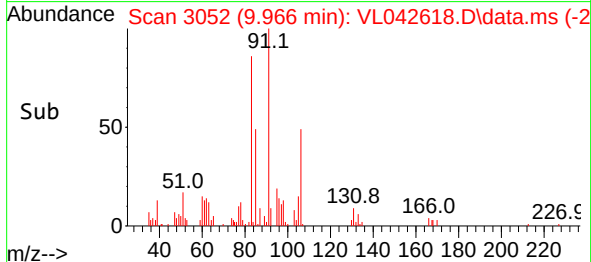
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2025



Tgt Ion: 83 Resp: 953
Ion Ratio Lower Upper
83 100
131 10.9 4.8 14.4
85 67.7 32.5 97.4

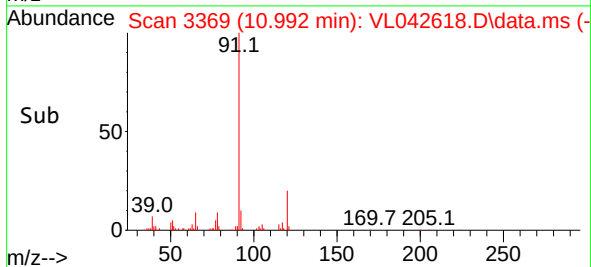
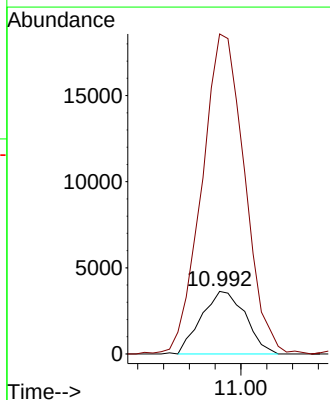
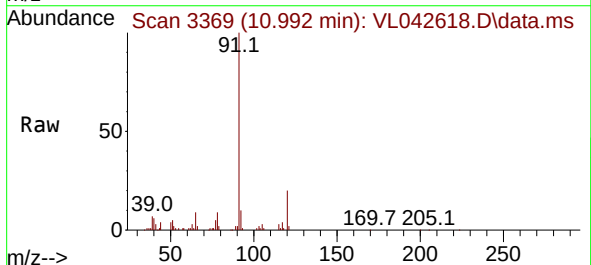
Manual Integrations
APPROVED

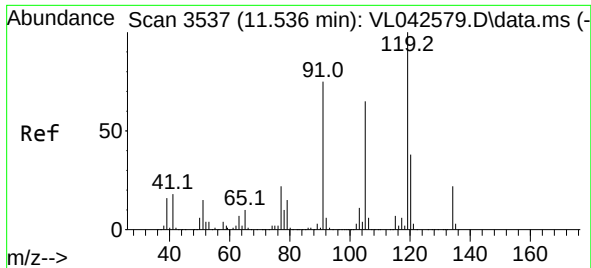
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#64
n-propylbenzene
Concen: 0.341 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

Tgt Ion:120 Resp: 4310
Ion Ratio Lower Upper
120 100
91 498.0 363.0 544.6





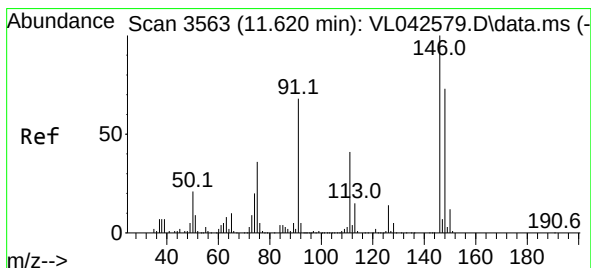
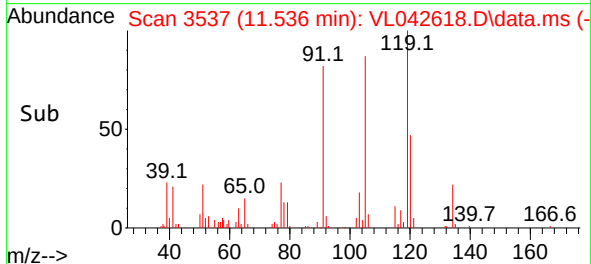
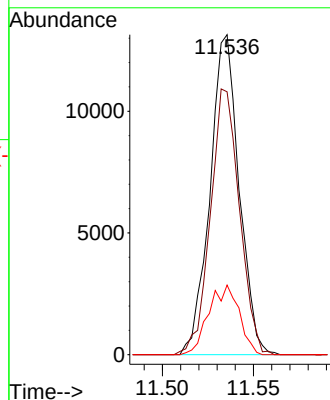
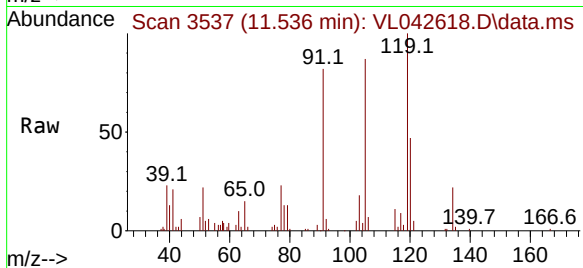
#65
tert-Butylbenzene
Concen: 0.342 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

Tgt Ion: 119 Resp: 1461
Ion Ratio Lower Upper
119 100
91 82.8 61.1 91.7
134 22.8 17.4 26.2

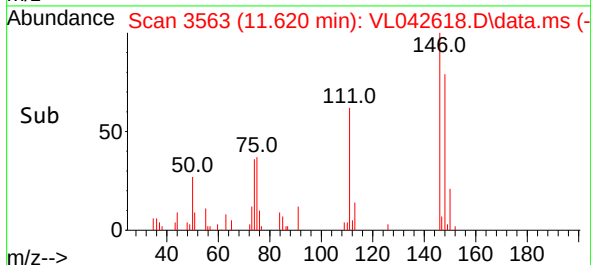
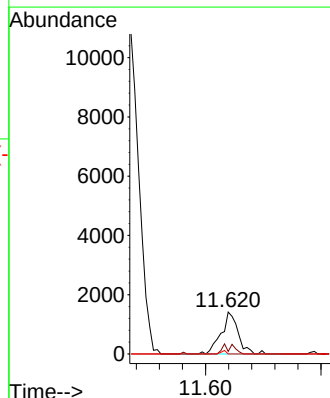
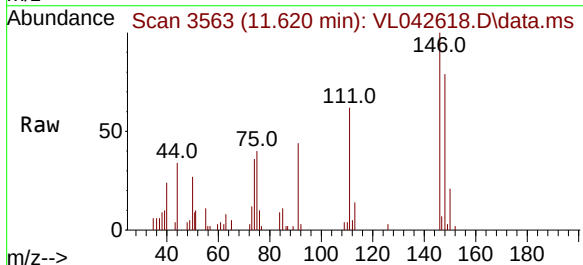
Manual Integrations
APPROVED

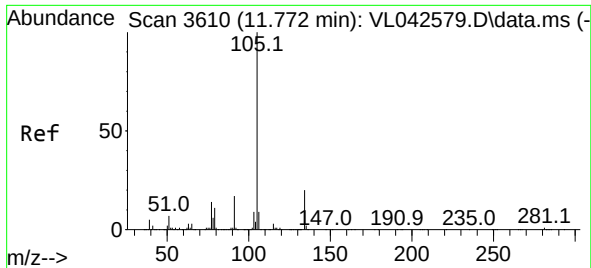
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#66
Benzyl Chloride
Concen: 0.261 ppbv m
RT: 11.620 min Scan# 3563
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

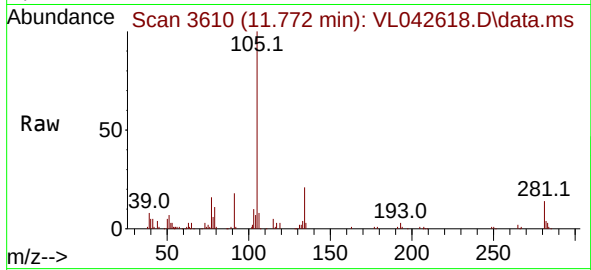
Tgt Ion: 91 Resp: 1436
Ion Ratio Lower Upper
91 100
126 15.1 15.1 22.7#
128 2.3 5.0 7.6#





#67
 sec-Butylbenzene
 Concen: 0.372 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

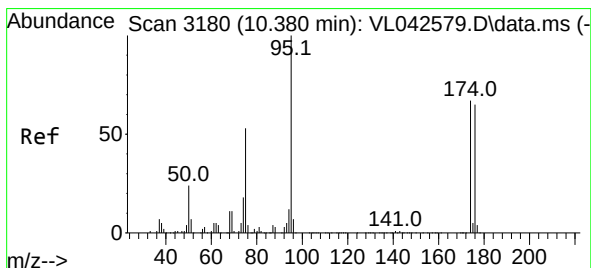
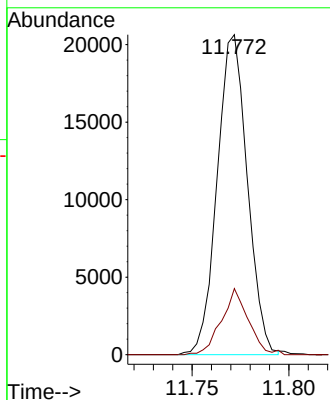
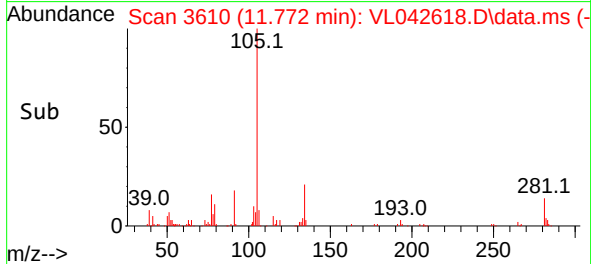
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025



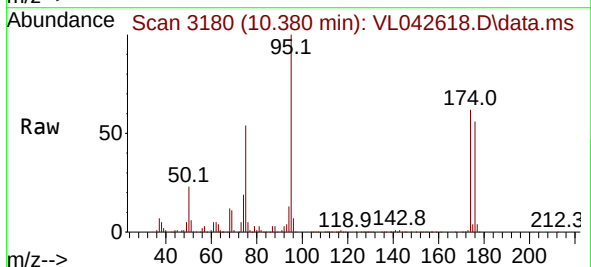
Tgt Ion:105 Resp: 22340
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.8 23.6

Manual Integrations
 APPROVED

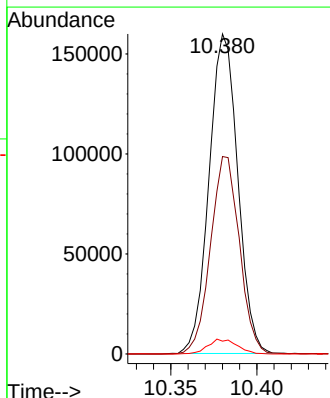
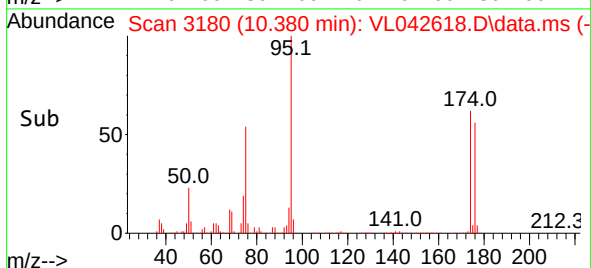
Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025

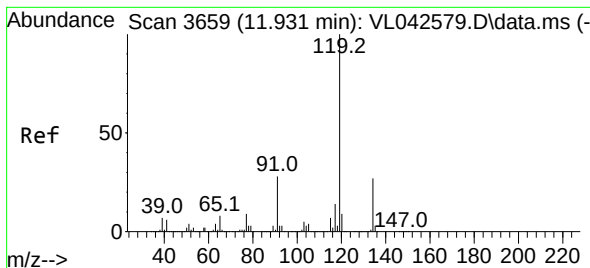


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.333 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. -0.000 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37



Tgt Ion: 95 Resp: 185484
 Ion Ratio Lower Upper
 95 100
 174 62.3 53.1 79.7
 175 4.7 4.2 6.2





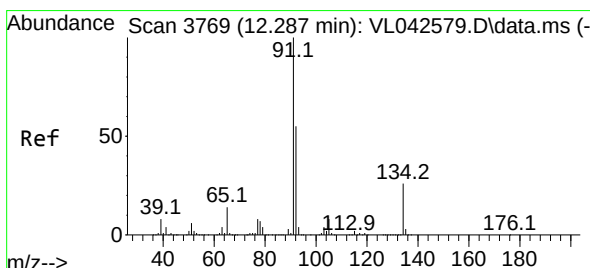
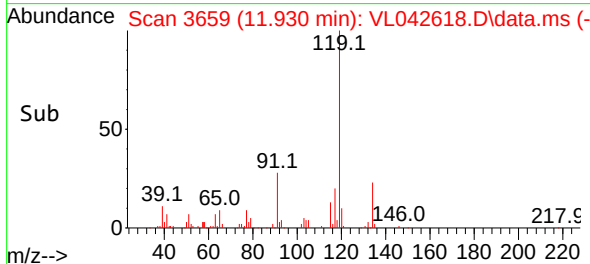
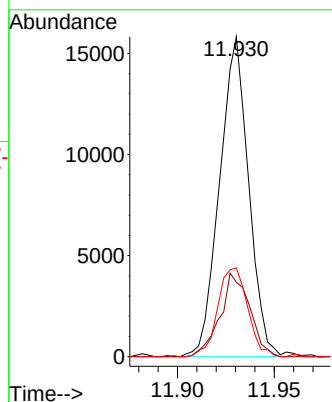
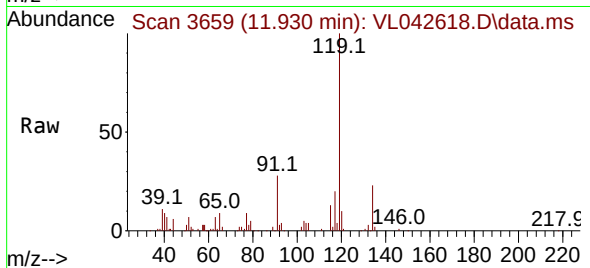
#69
p-Isopropyltoluene
Concen: 0.328 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

Tgt Ion:119 Resp: 16489
Ion Ratio Lower Upper
119 100
134 26.7 21.1 31.7
91 29.0 21.9 32.9

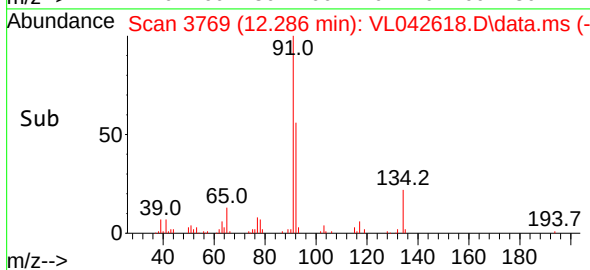
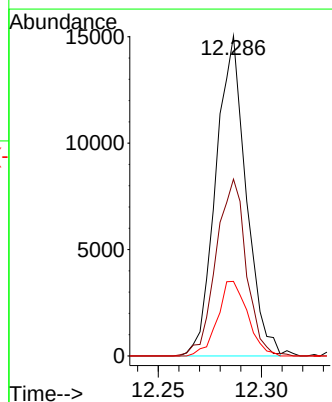
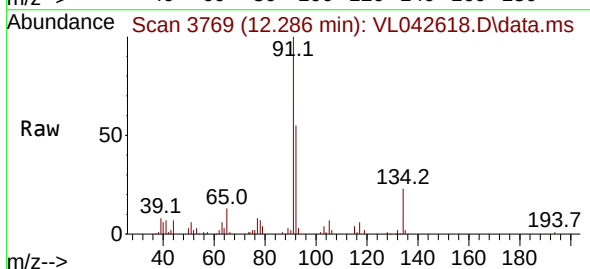
Manual Integrations
APPROVED

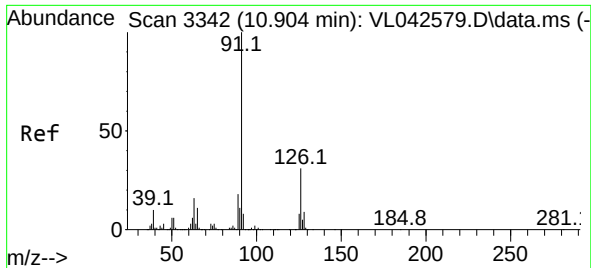
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#70
n-Butylbenzene
Concen: 0.308 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

Tgt Ion: 91 Resp: 15308
Ion Ratio Lower Upper
91 100
92 55.2 44.4 66.6
134 23.2 20.1 30.1





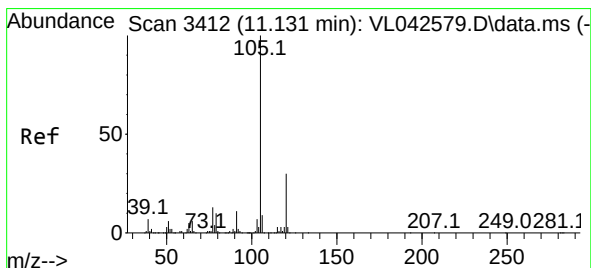
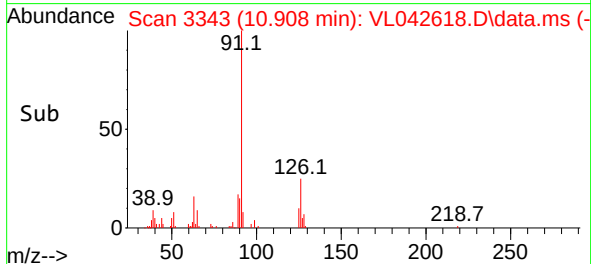
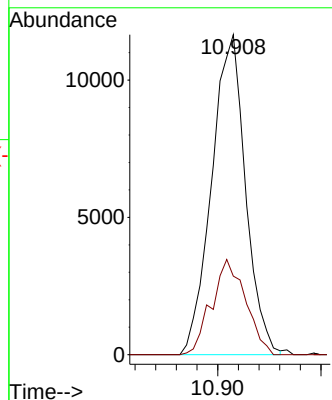
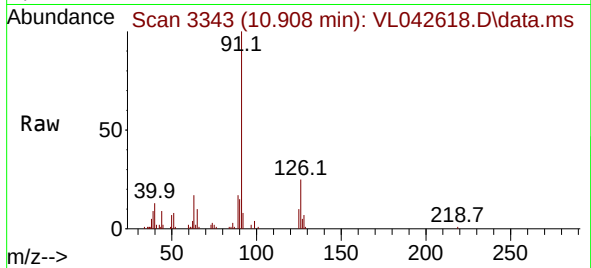
#71
2-Chlorotoluene
Concen: 0.370 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025

Tgt Ion: 91 Resp: 1328
Ion Ratio Lower Upper
91 100
126 29.9 12.6 50.4

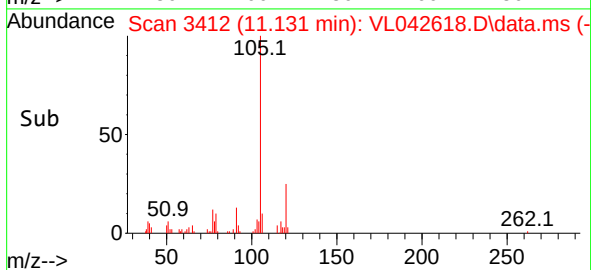
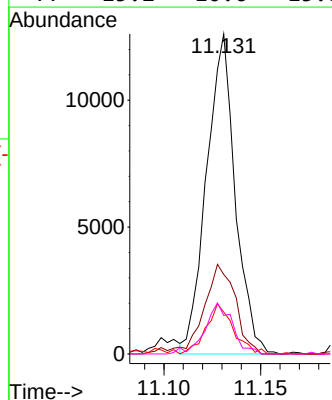
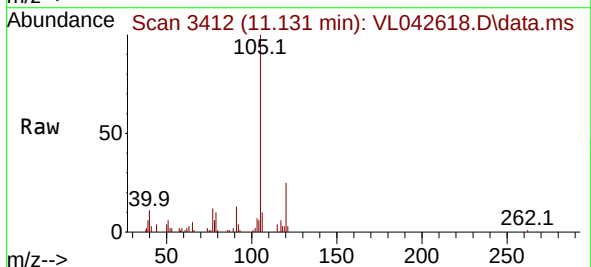
Manual Integrations
APPROVED

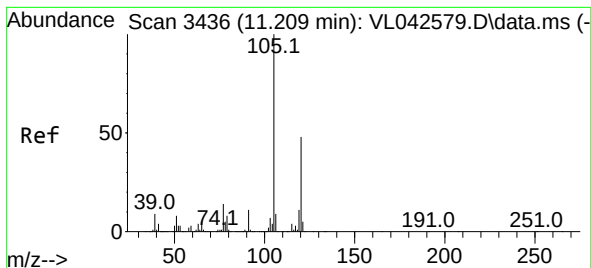
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#72
4-Ethyltoluene
Concen: 0.327 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

Tgt Ion:105 Resp: 13006
Ion Ratio Lower Upper
105 100
120 31.2 24.6 36.8
91 16.4 9.6 14.4#
77 15.2 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 0.319 ppbv

RT: 11.209 min Scan# 3436

Delta R.T. -0.000 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

Instrument :

MSVOA_L

ClientSampleId :

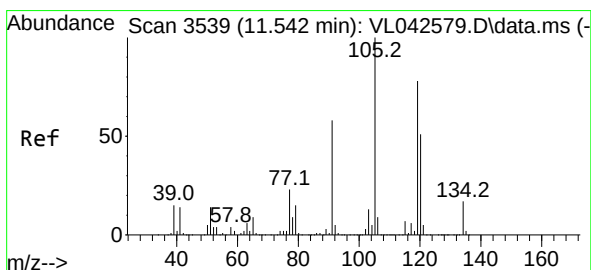
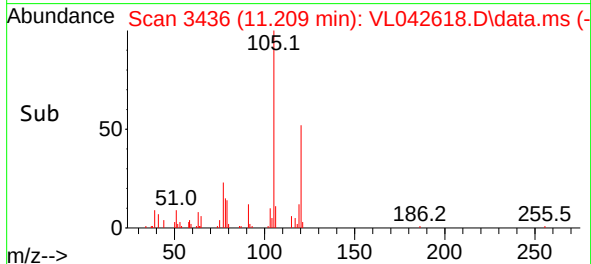
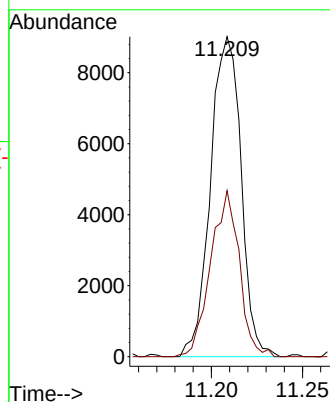
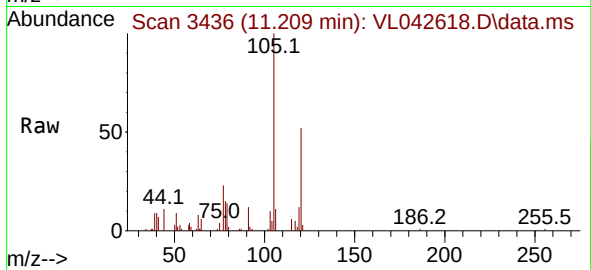
MDL-AIR-03-QT2-2025

Tgt Ion:105 Resp: 1050
 Ion Ratio Lower Upper
 105 100
 120 51.8 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.345 ppbv

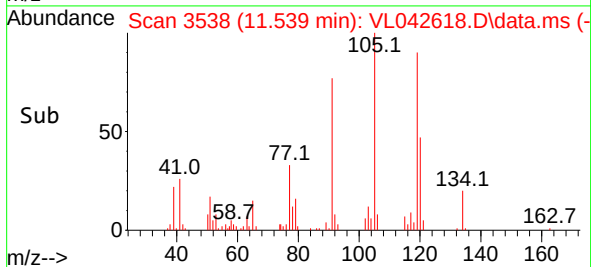
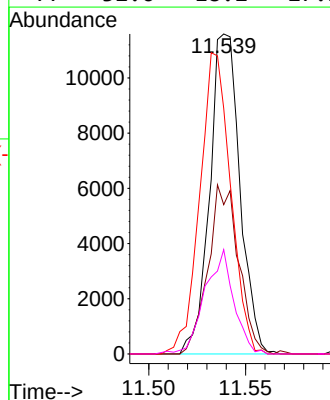
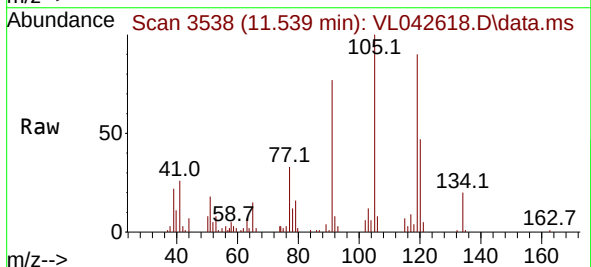
RT: 11.539 min Scan# 3538

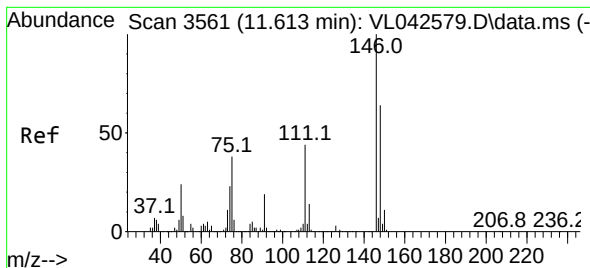
Delta R.T. -0.003 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

Tgt Ion:105 Resp: 12594
 Ion Ratio Lower Upper
 105 100
 120 46.7 40.8 61.2
 91 76.8 46.8 70.2#
 77 32.6 18.2 27.2#





#75

1,3-Dichlorobenzene

Concen: 0.408 ppbv

RT: 11.610 min Scan# 3561

Delta R.T. -0.003 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

Instrument :

MSVOA_L

ClientSampleId :

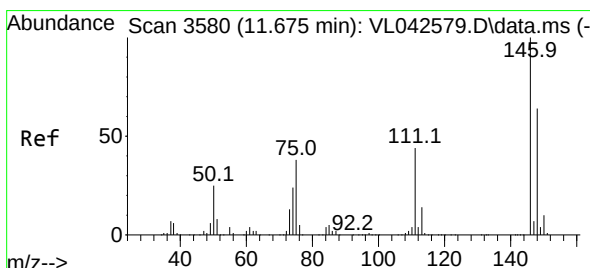
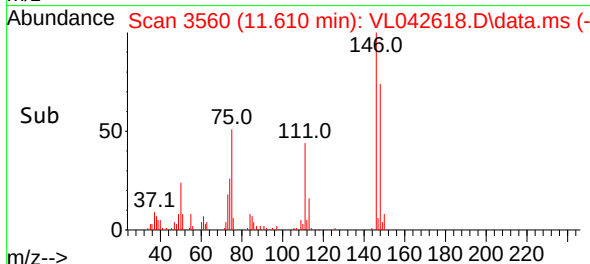
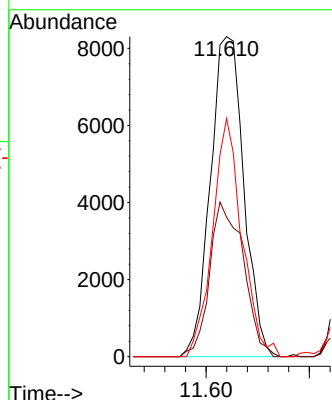
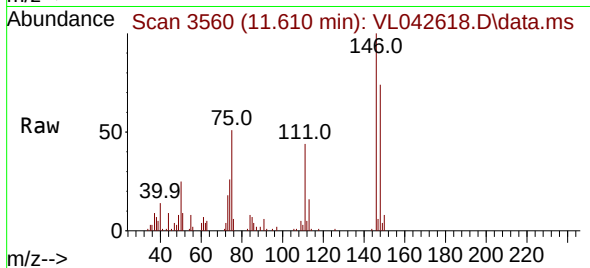
MDL-AIR-03-QT2-2025

Tgt Ion:146	Resp:	9345
Ion Ratio	Lower	Upper
146	100	
111	48.6	22.4 67.3
148	65.4	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025



#76

1,4-Dichlorobenzene

Concen: 0.410 ppbv

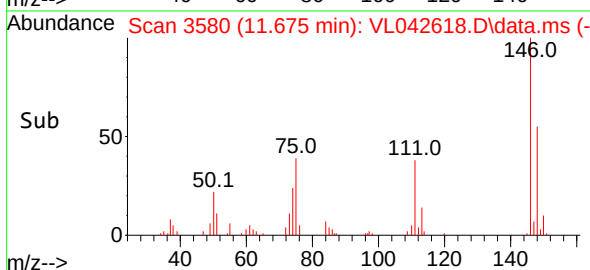
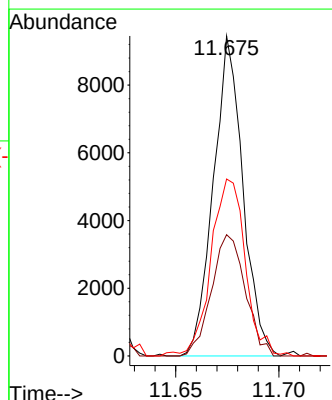
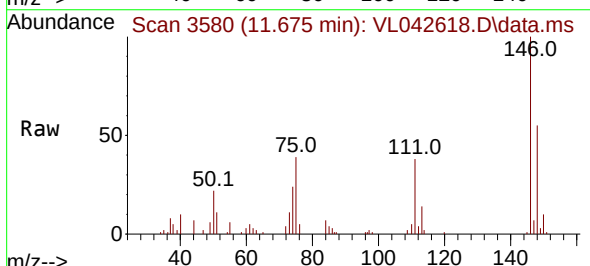
RT: 11.675 min Scan# 3580

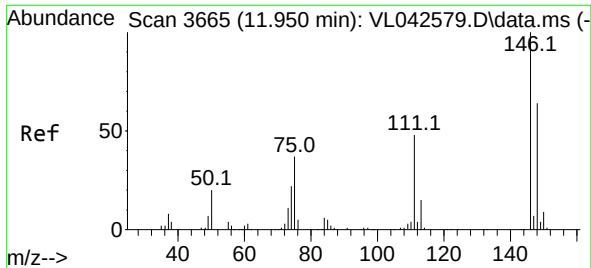
Delta R.T. -0.000 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

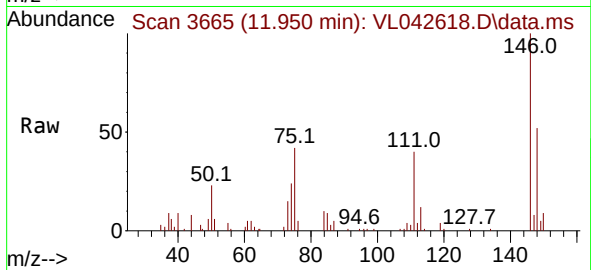
Tgt Ion:146	Resp:	9375
Ion Ratio	Lower	Upper
146	100	
111	43.5	21.6 64.8
148	64.3	32.1 96.5





#77
1,2-Dichlorobenzene
Concen: 0.460 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. -0.000 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37

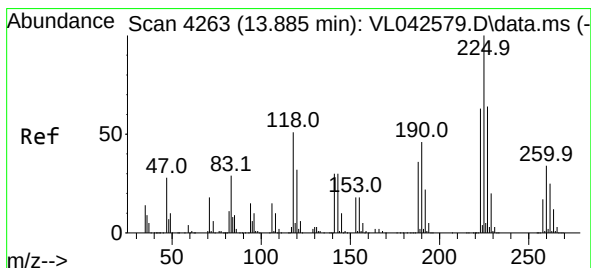
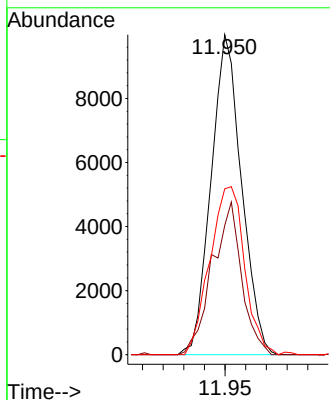
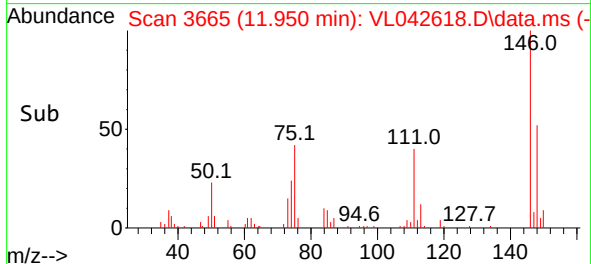
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2025



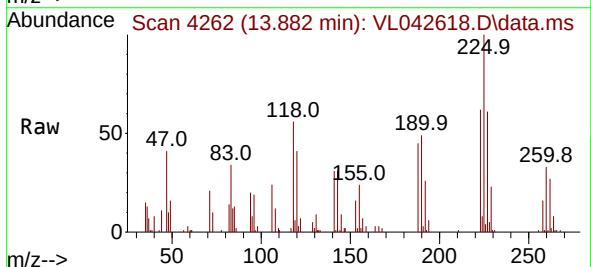
Tgt Ion:146 Resp: 10230
Ion Ratio Lower Upper
146 100
111 46.2 23.1 69.3
148 60.1 32.1 96.3

Manual Integrations
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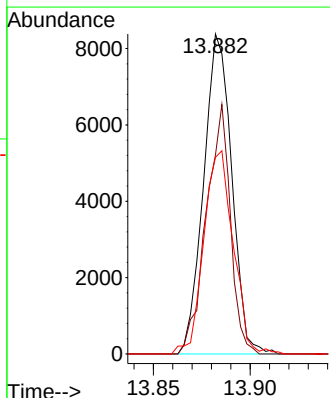
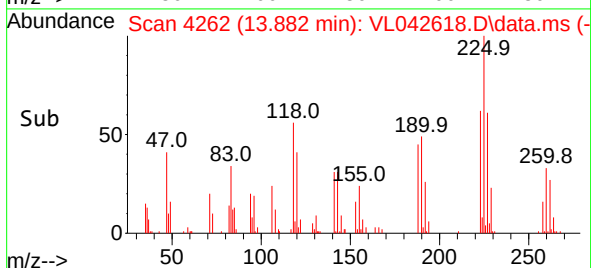
Reviewed By :Semsettin Yesilyurt 06/06/2025
Supervised By :Mahesh Dadoda 06/06/2025

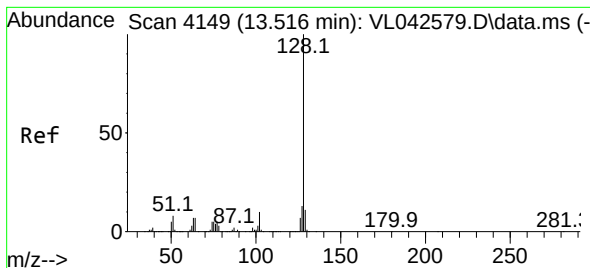


#78
Hexachloro-1,3-Butadiene
Concen: 0.461 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042618.D
Acq: 05 Jun 2025 12:37



Tgt Ion:225 Resp: 8479
Ion Ratio Lower Upper
225 100
223 66.7 50.2 75.4
227 66.4 51.1 76.7





#79

Naphthalene

Concen: 0.184 ppbv

RT: 13.516 min Scan# 4149

Delta R.T. -0.000 min

Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2025

Tgt Ion:128 Resp: 6344

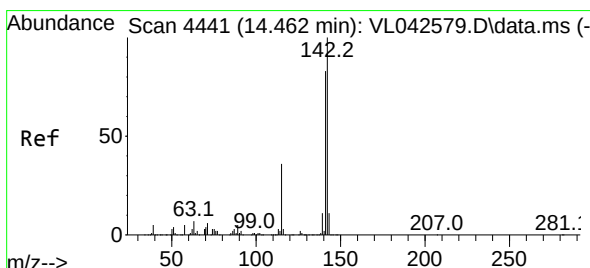
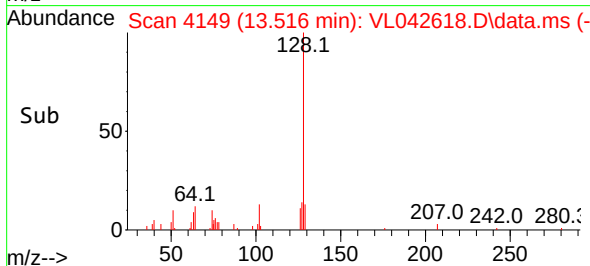
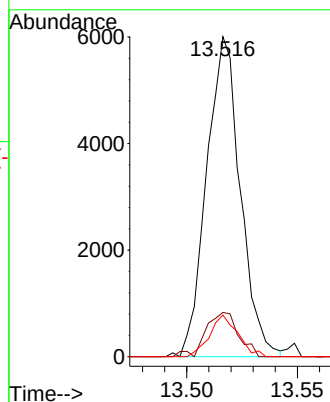
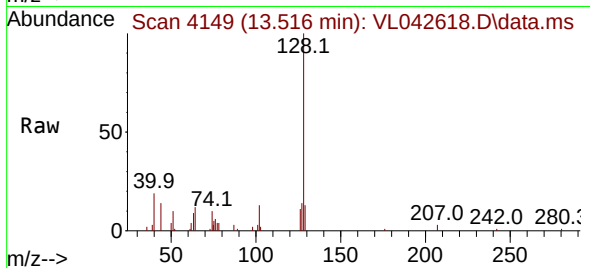
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	13.0	8.8	13.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/06/2025

Supervised By :Mahesh Dadoda 06/06/2025



#80

Naphthalene,2-methyl-

Concen: 0.033 ppbv

RT: 14.471 min Scan# 4444

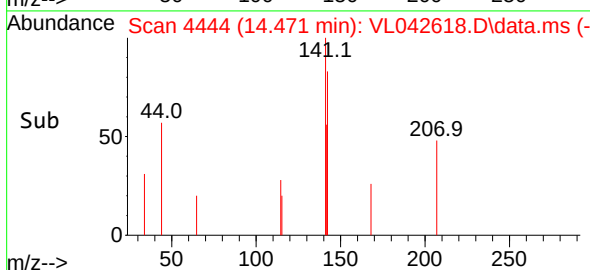
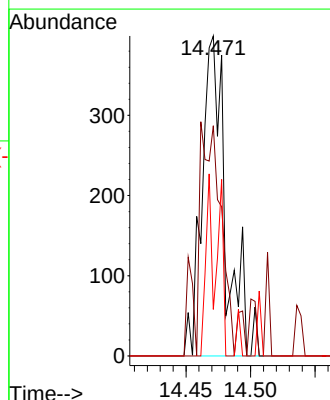
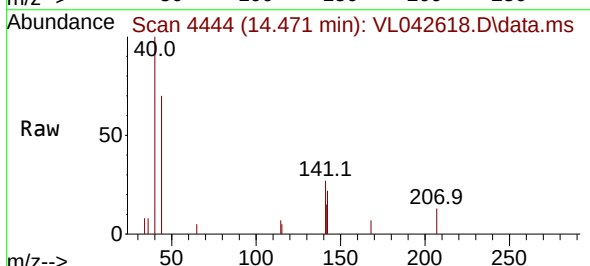
Delta R.T. 0.010 min

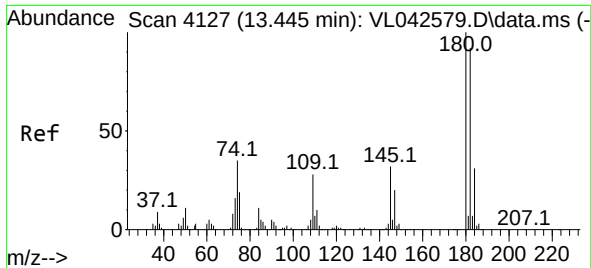
Lab File: VL042618.D

Acq: 05 Jun 2025 12:37

Tgt Ion:142 Resp: 506

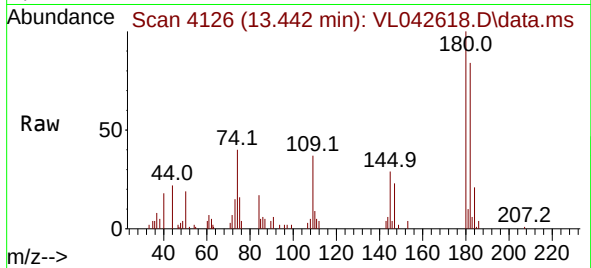
Ion	Ratio	Lower	Upper
142	100		
141	74.9	66.2	99.4
115	30.2	28.3	42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 0.223 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042618.D
 Acq: 05 Jun 2025 12:37

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2025



Tgt Ion:180 Resp: 428
 Ion Ratio Lower Upper
 180 100
 182 90.7 75.0 112.4
 184 27.0 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2025
 Supervised By :Mahesh Dadoda 06/06/2025

