

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
 Data File : VL041951.D
 Acq On : 27 Jan 2025 14:37
 Operator : SY/MD
 Sample : Q1168-13 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2025

Quant Time: Jan 28 02:37:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/30/2025
 Supervised By : Mahesh Dadoda 01/30/2025

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

Internal Standards						
1) Bromochloromethane	2.800	49	140568	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	382409	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	330936	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	251323	9.642	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	2172	0.113	ppbv	98
3) Chlorodifluoromethane	1.483	51	2035	0.101	ppbv	92
4) Chloromethane	1.538	50	1002	0.139	ppbv	97
5) Vinyl Chloride	1.586	62	827	0.113	ppbv #	68
6) Bromomethane	1.673	94	593	0.171	ppbv	93
7) Chloroethane	1.709	64	294	0.104	ppbv	97
8) Dichlorotetrafluoroethane	1.560	85	1825	0.109	ppbv	99
9) Propene	1.489	41	1387	0.168	ppbv	96
10) Heptane	5.014	43	1408m	0.064	ppbv	
11) Trichlorofluoromethane	1.887	101	2449m	0.123	ppbv	
12) 1,1,2-Trichlorotrifluo...	2.149	101	1750	0.112	ppbv	90
13) Ethanol	1.732	45	216m	0.357	ppbv	
14) Bromoethene	1.790	108	554	0.097	ppbv #	52
15) Acetone	1.845	43	3332	0.197	ppbv	97
16) 1,3-Butadiene	1.615	39	831	0.110	ppbv	84
17) tert-Butyl alcohol	2.052	59	2115	0.102	ppbv #	89
18) 1,1-Dichloroethene	2.042	96	793	0.113	ppbv #	52
19) Isopropyl Alcohol	1.897	45	2077	0.207	ppbv #	37
20) Methylene Chloride	2.072	84	1754	0.263	ppbv #	80
21) Allyl Chloride	2.107	41	1719	0.147	ppbv #	69
22) trans-1,2-Dichloroethene	2.347	96	1075	0.135	ppbv #	68
23) Vinyl Acetate	2.466	43	1170m	0.140	ppbv	
24) 1,1-Dichloroethane	2.421	63	1981	0.129	ppbv #	87
25) Ethyl Acetate	2.858	43	4153m	0.091	ppbv	
26) Hexane	2.839	57	1404	0.078	ppbv #	63
27) Carbon Disulfide	2.162	76	1794	0.101	ppbv #	1
28) Methyl tert-Butyl Ether	2.454	73	1220	0.089	ppbv #	87
29) Chloroform	2.861	83	3093m	0.109	ppbv	
30) Cyclohexane	3.868	84	1242m	0.080	ppbv	
31) cis-1,2-Dichloroethene	2.732	61	2116	0.112	ppbv	98
32) 1,1,1-Trichloroethane	3.379	97	2566	0.094	ppbv #	89
34) 2-Butanone	2.573	43	3065	0.126	ppbv	97
35) Carbon Tetrachloride	3.784	117	3115	0.130	ppbv #	69
36) Benzene	3.674	78	3457m	0.099	ppbv	
37) 1,2-Dichloroethane	3.237	62	2495m	0.127	ppbv	
38) Trichloroethene	4.570	130	1583m	0.114	ppbv	
39) 1,2-Dichloropropane	4.331	63	1530m	0.124	ppbv	
40) 1,4-Dioxane	4.671	88	423m	0.068	ppbv	
41) Tetrahydrofuran	3.088	42	1507	0.114	ppbv #	80
42) Bromodichloromethane	4.515	83	2556m	0.097	ppbv	
43) Methyl Methacrylate	4.913	69	1060m	0.081	ppbv	
44) 2,2,4-Trimethylpentane	4.671	57	5541m	0.098	ppbv	
45) t-1,3-Dichloropropene	6.448	75	866m	0.071	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
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Instrument :
 MSVOA_L
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Manual Integrations
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Quant Time: Jan 28 02:37:46 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 01/30/2025
 Supervised By : Mahesh Dadoda 01/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	1241m	0.077	ppbv	
47) 1,1,2-Trichloroethane	6.613	97	1564m	0.120	ppbv	
48) Dibromochloromethane	7.409	129	2088m	0.104	ppbv	
49) Bromoform	9.503	173	1440m	0.087	ppbv	
50) 4-Methyl-2-Pentanone	5.810	43	2819m	0.085	ppbv	
51) 2-Hexanone	7.480	43	1849m	0.072	ppbv	
52) Tetrachloroethene	8.237	164	1167m	0.096	ppbv	
53) Toluene	6.959	91	3277m	0.086	ppbv	
54) 1,2-Dibromoethane	7.681	107	1828m	0.102	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.940	131	1664m	0.101	ppbv	
57) Chlorobenzene	8.940	112	3561m	0.117	ppbv	
58) Ethyl Benzene	9.377	91	3517	0.068	ppbv	93
59) m/p-Xylene	9.551	91	5567m	0.134	ppbv	
60) o-Xylene	9.975	91	2516m	0.061	ppbv	
61) Styrene	9.885	104	1265m	0.069	ppbv	
62) Isopropylbenzene	10.552	105	5233	0.082	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.979	83	3007	0.114	ppbv	97
64) n-propylbenzene	10.998	120	964	0.060	ppbv	85
65) tert-Butylbenzene	11.542	119	2876	0.050	ppbv	98
66) Benzyl Chloride	11.629	91	435m	0.121	ppbv	
67) sec-Butylbenzene	11.781	105	4891	0.061	ppbv	98
69) p-Isopropyltoluene	11.943	119	3580	0.054	ppbv	92
70) n-Butylbenzene	12.293	91	3251	0.050	ppbv	94
71) 2-Chlorotoluene	10.917	91	3509	0.075	ppbv	96
72) 4-Ethyltoluene	11.141	105	2593	0.053	ppbv #	81
73) 1,3,5-Trimethylbenzene	11.215	105	2698m	0.062	ppbv	
74) 1,2,4-Trimethylbenzene	11.552	105	2662	0.057	ppbv #	75
75) 1,3-Dichlorobenzene	11.620	146	2724	0.098	ppbv	95
76) 1,4-Dichlorobenzene	11.681	146	2046m	0.075	ppbv	
77) 1,2-Dichlorobenzene	11.960	146	2400	0.087	ppbv	94
78) Hexachloro-1,3-Butadiene	13.895	225	2478	0.109	ppbv	92
79) Naphthalene	13.523	128	2077	0.044	ppbv #	84
80) Naphthalene,2-methyl-	14.471	142	482m	0.021	ppbv	
81) 1,2,4-Trichlorobenzene	13.452	180	1665	0.072	ppbv	86

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

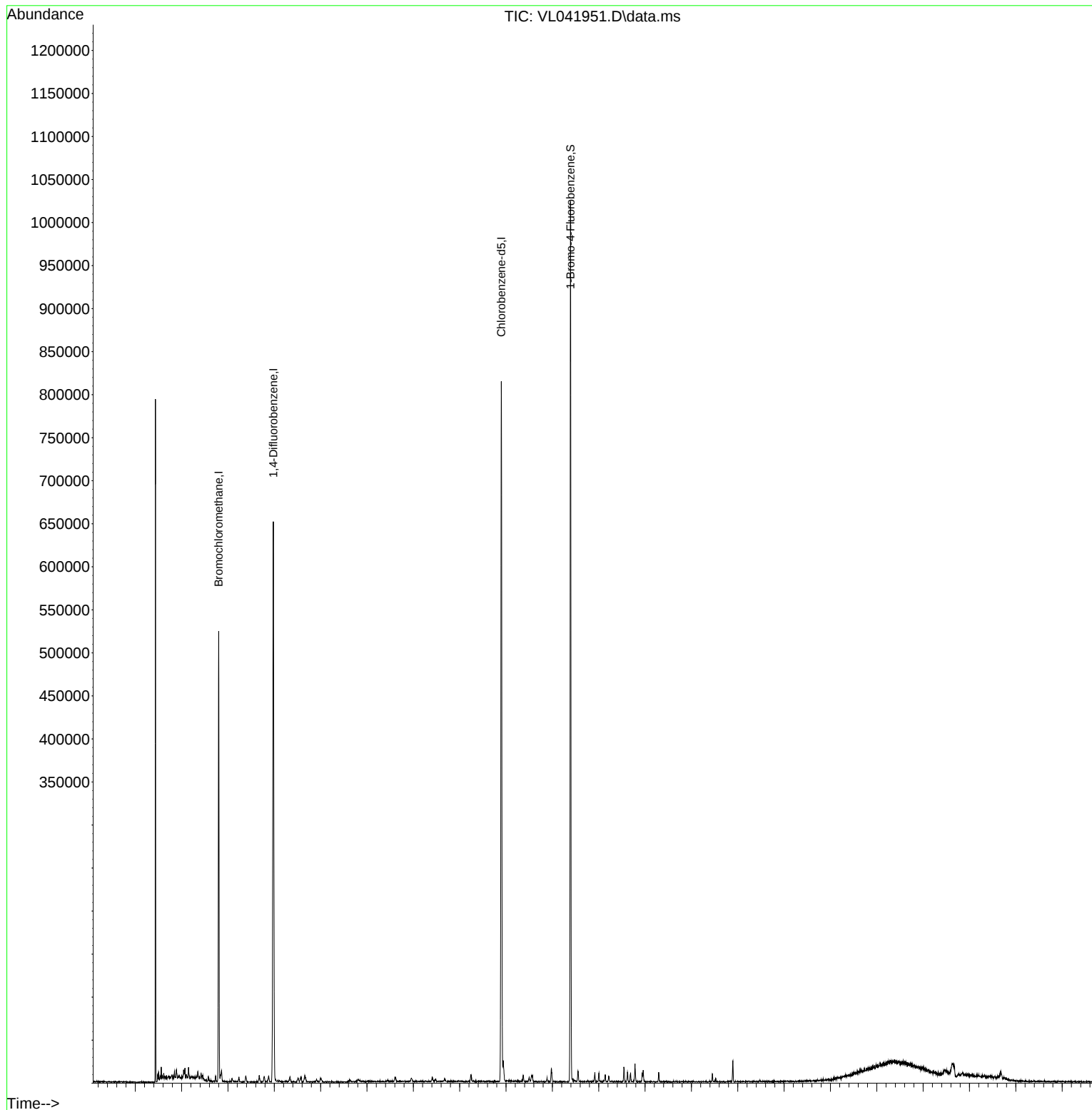
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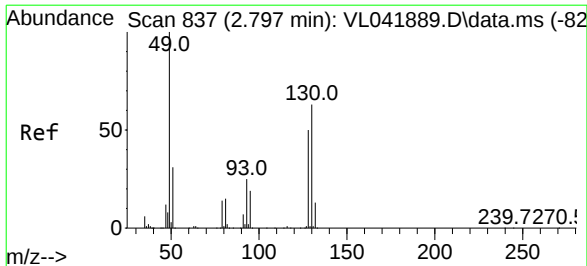
Instrument :
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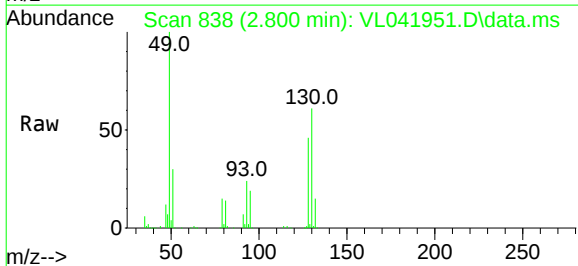
Reviewed By : Semsettin Yesilyurt 01/30/2025
Supervised By : Mahesh Dadoda 01/30/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 837
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

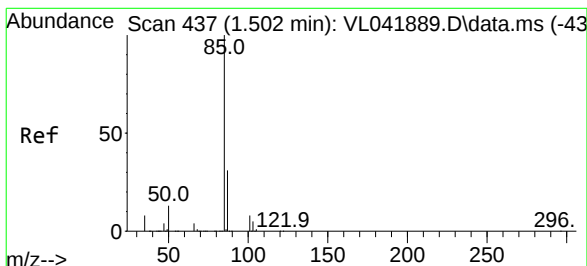
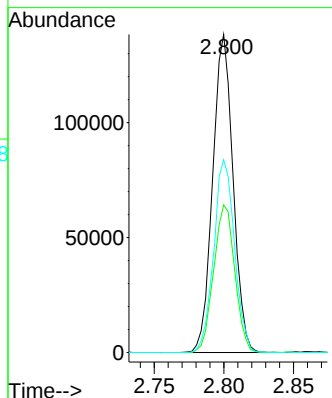
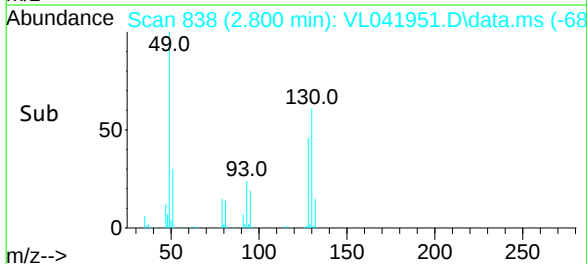
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



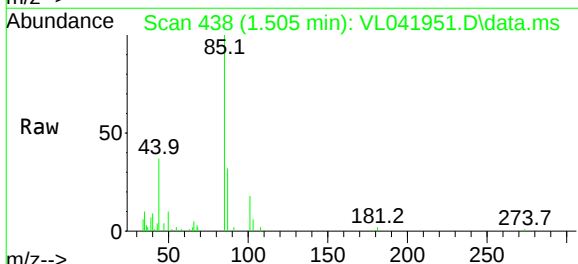
Tgt Ion: 49 Resp: 140568
Ion Ratio Lower Upper
49 100
128 48.1 24.3 73.0
130 62.0 31.1 93.2

Manual Integrations
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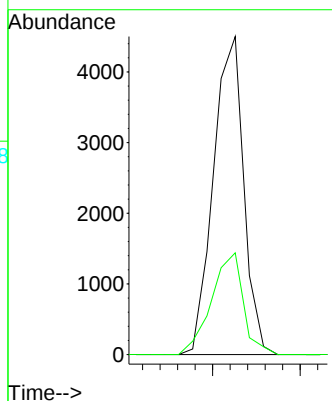
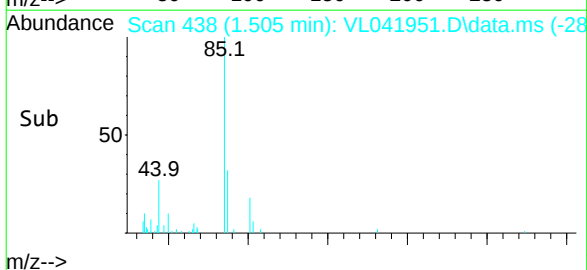
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

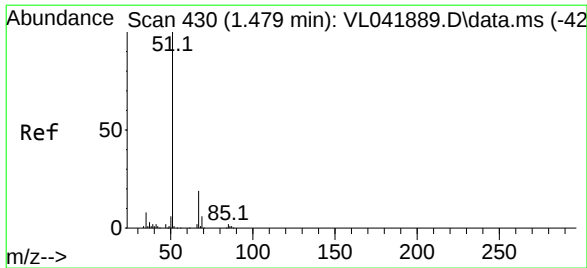


#2
Dichlorodifluoromethane
Concen: 0.113 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37



Tgt Ion: 85 Resp: 2172
Ion Ratio Lower Upper
85 100
87 32.0 24.9 37.3





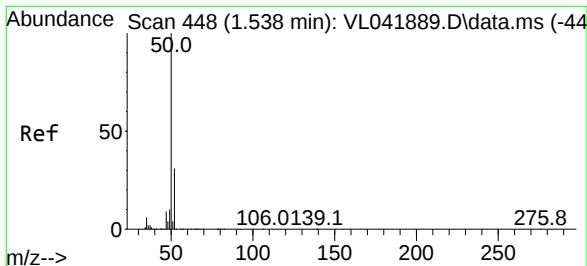
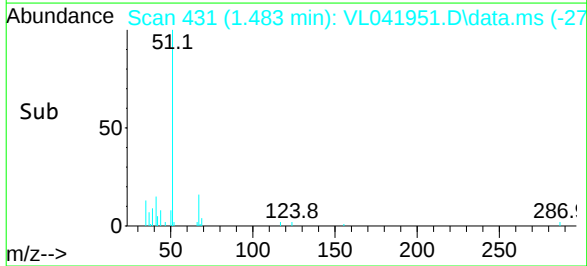
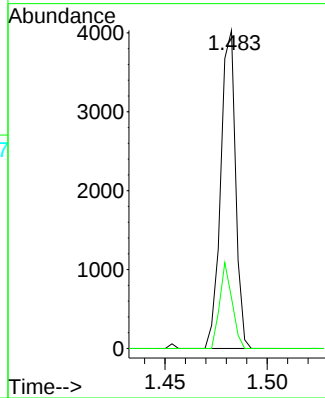
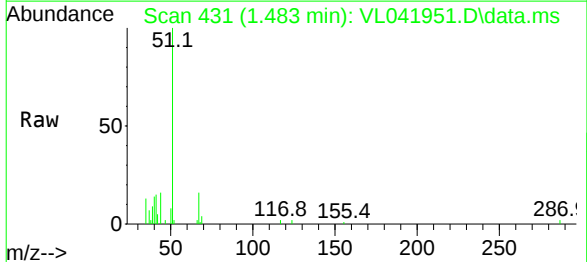
#3
Chlorodifluoromethane
Concen: 0.101 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025

Tgt Ion: 51 Resp: 2035
Ion Ratio Lower Upper
51 100
67 22.4 15.0 22.4

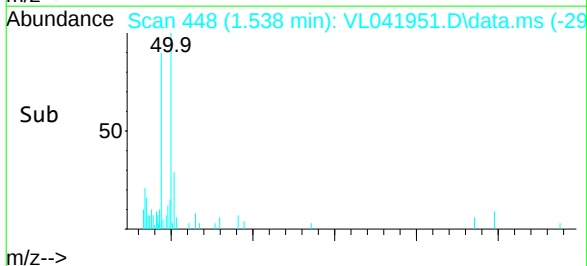
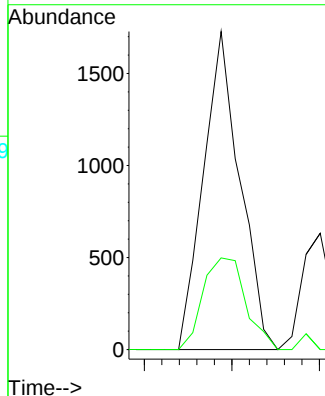
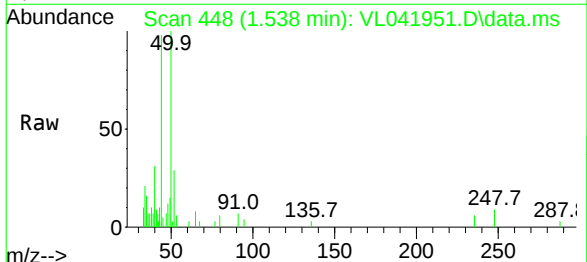
Manual Integrations
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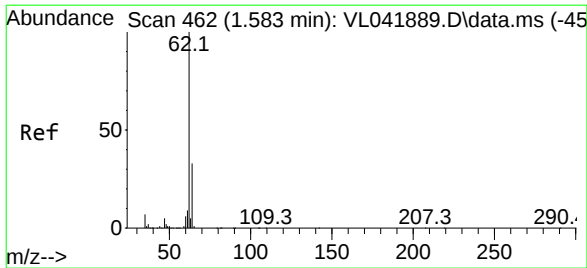
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#4
Chloromethane
Concen: 0.139 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

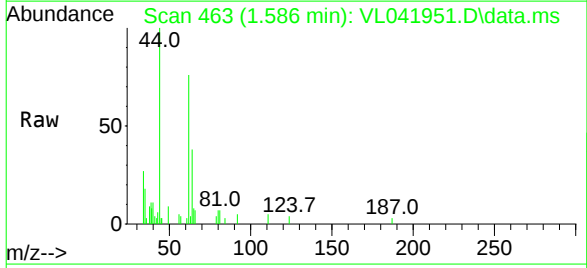
Tgt Ion: 50 Resp: 1002
Ion Ratio Lower Upper
50 100
52 28.8 24.6 36.8





#5
 Vinyl Chloride
 Concen: 0.113 ppbv
 RT: 1.586 min Scan# 462
 Delta R.T. 0.003 min
 Lab File: VL041951.D
 Acq: 27 Jan 2025 14:37

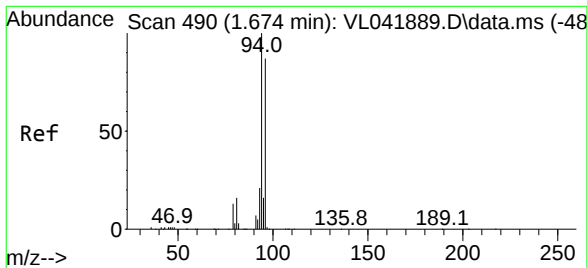
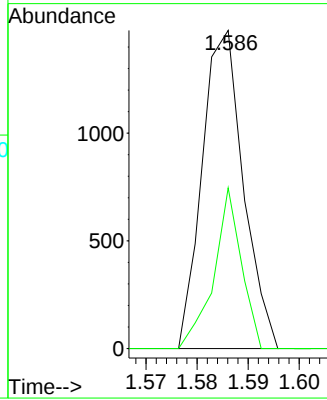
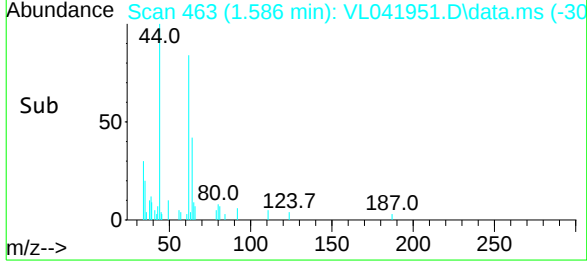
Instrument : MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2025



Tgt Ion: 62 Resp: 827
 Ion Ratio Lower Upper
 62 100
 64 50.5 26.1 39.1

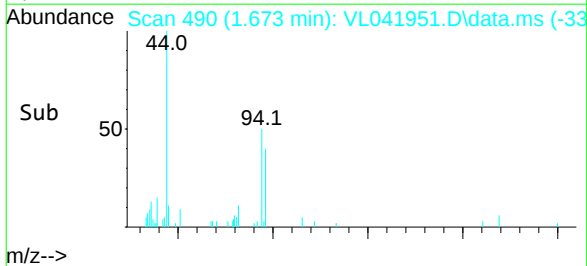
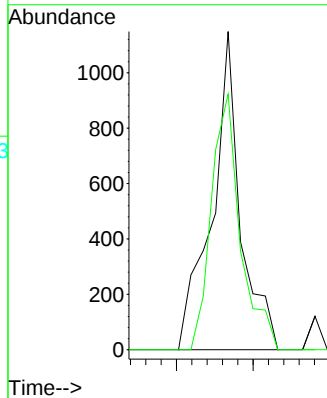
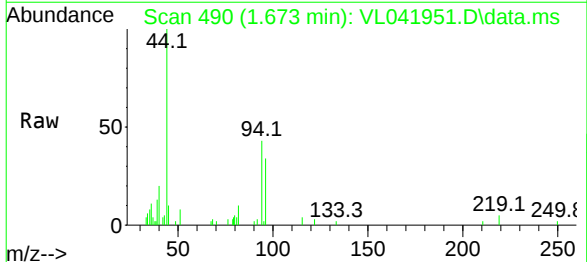
Manual Integrations
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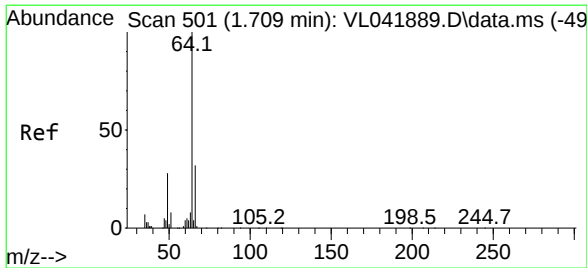
Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#6
 Bromomethane
 Concen: 0.171 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL041951.D
 Acq: 27 Jan 2025 14:37

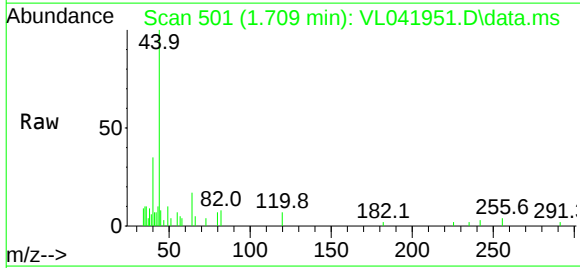
Tgt Ion: 94 Resp: 593
 Ion Ratio Lower Upper
 94 100
 96 80.3 69.5 104.3





#7
Chloroethane
Concen: 0.104 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

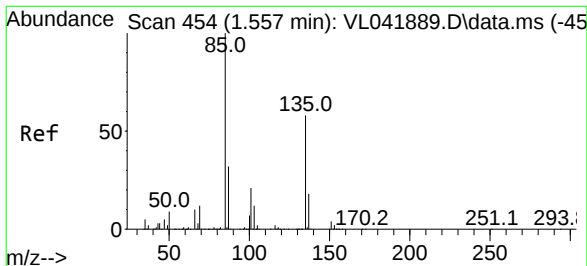
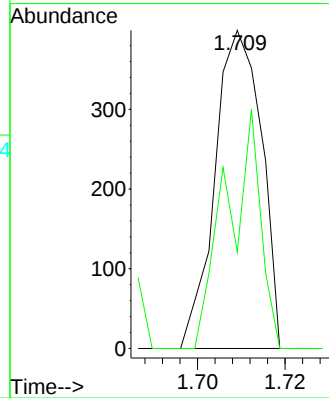
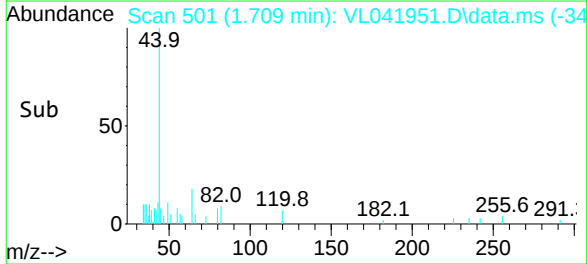
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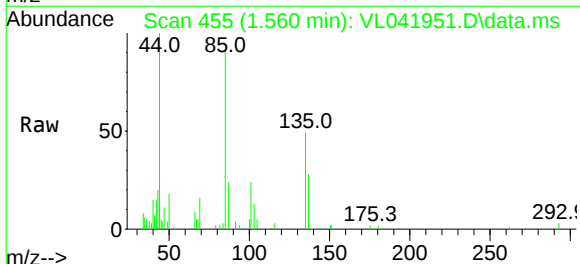
Tgt Ion: 64 Resp: 294
Ion Ratio Lower Upper
64 100
66 30.3 25.7 38.5

Manual Integrations
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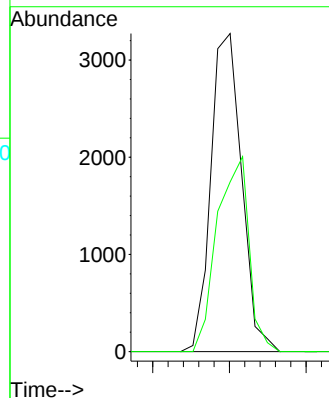
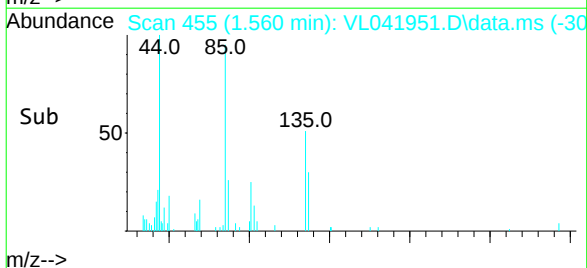
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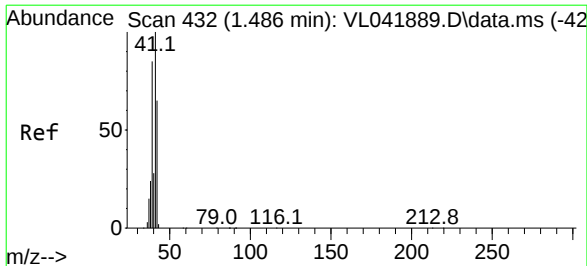


#8
Dichlorotetrafluoroethane
Concen: 0.109 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37



Tgt Ion: 85 Resp: 1825
Ion Ratio Lower Upper
85 100
135 63.4 50.0 75.0





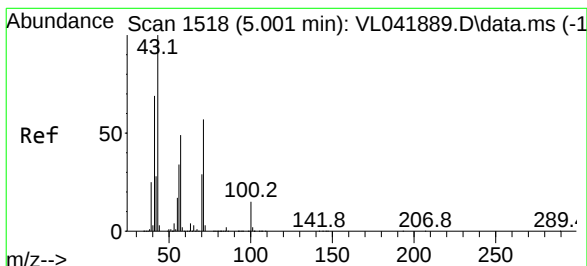
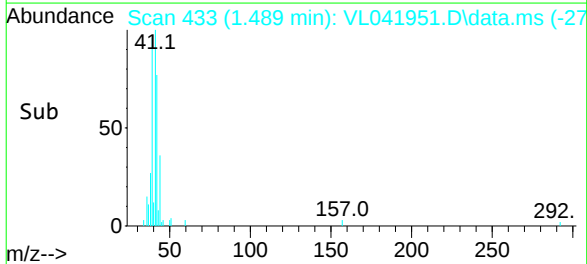
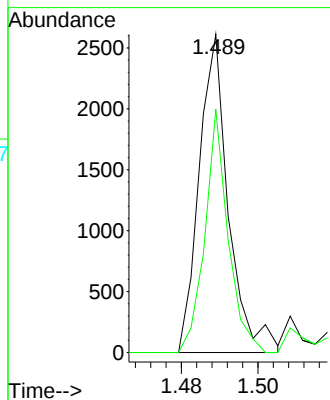
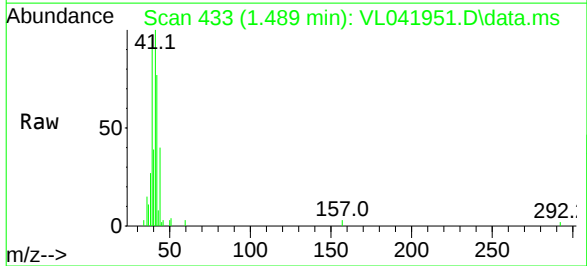
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Propene
Concen: 0.168 ppbv
RT: 1.489 min Scan# 43
Delta R.T. 0.003 min
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Instrument : MSVOA_L
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Tgt Ion: 41 Resp: 1387
Ion Ratio Lower Upper
41 100
42 68.4 52.0 78.0

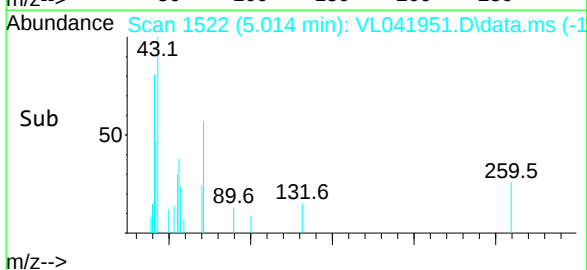
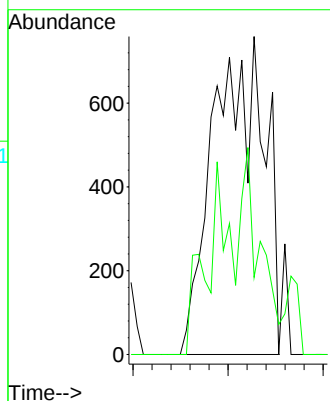
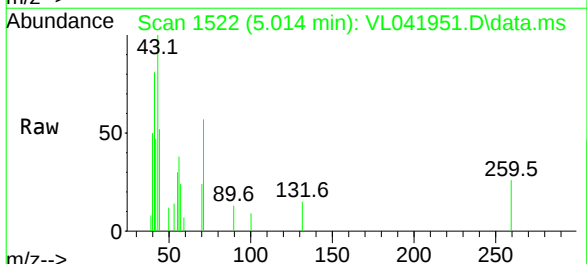
Manual Integrations
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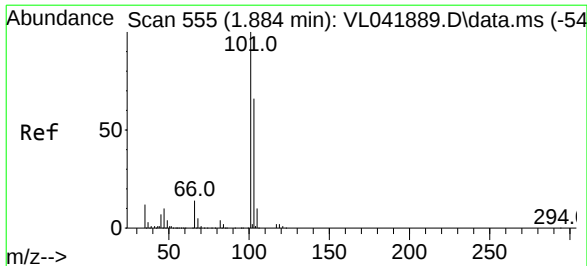
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#10
Heptane
Concen: 0.064 ppbv m
RT: 5.014 min Scan# 1522
Delta R.T. 0.013 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

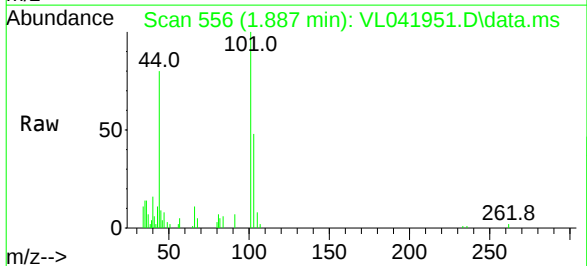
Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
57 0.0 41.0 61.4#





#11
Trichlorofluoromethane
Concen: 0.123 ppbv m
RT: 1.887 min Scan# 555
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

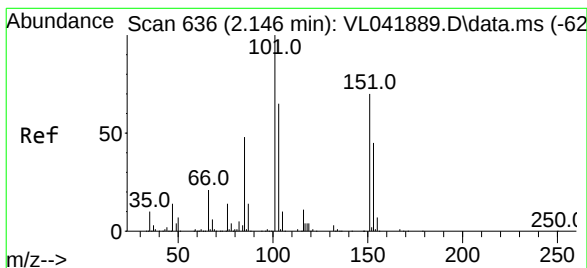
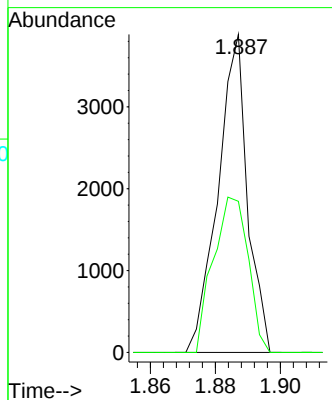
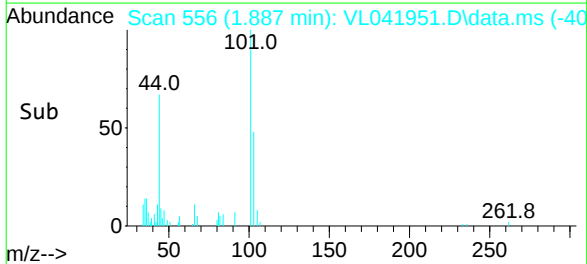
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



Tgt Ion:101 Resp: 2449
Ion Ratio Lower Upper
101 100
103 47.5 53.1 79.7#

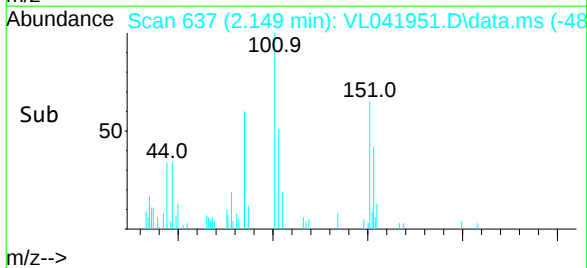
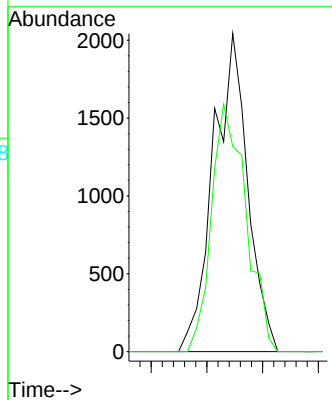
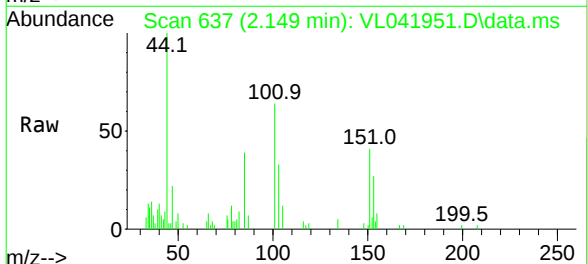
Manual Integrations
APPROVED

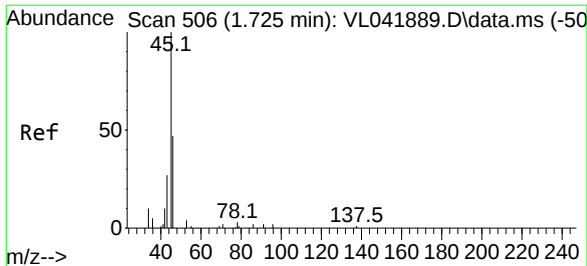
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.112 ppbv
RT: 2.149 min Scan# 637
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

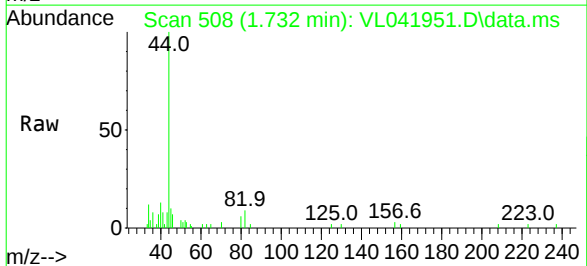
Tgt Ion:101 Resp: 1750
Ion Ratio Lower Upper
101 100
151 77.9 56.1 84.1





#13
Ethanol
Concen: 0.357 ppbv m
RT: 1.732 min Scan# 506
Delta R.T. 0.006 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

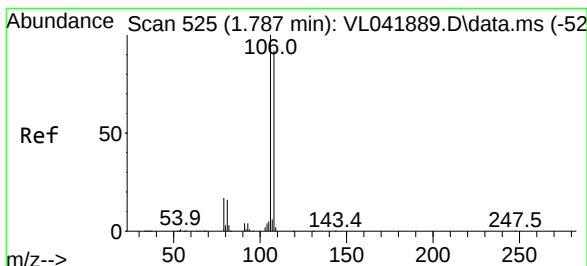
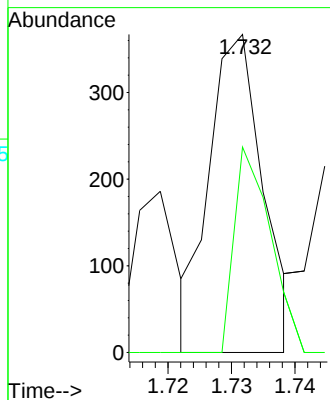
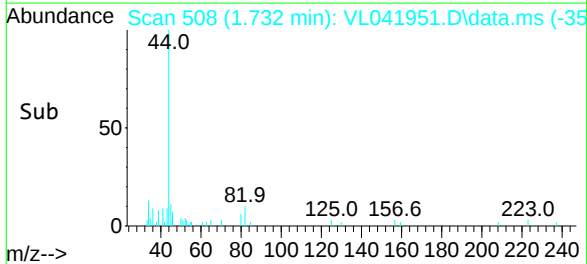
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



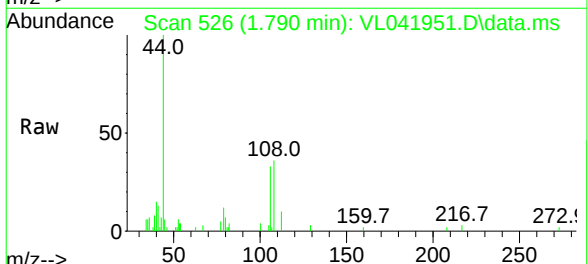
Tgt Ion: 45 Resp: 216
Ion Ratio Lower Upper
45 100
46 93.5 18.1 72.5#

Manual Integrations
APPROVED

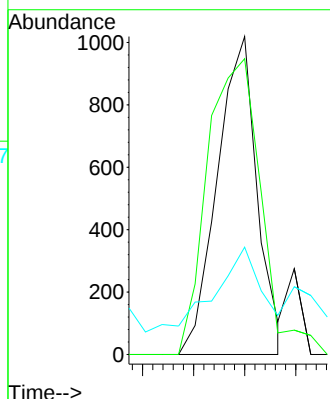
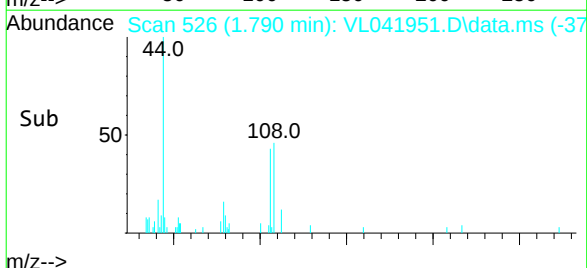
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

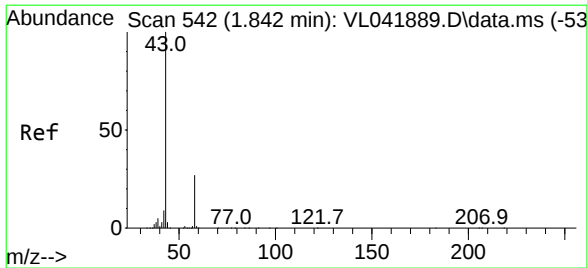


#14
Bromoethene
Concen: 0.097 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37



Tgt Ion:108 Resp: 554
Ion Ratio Lower Upper
108 100
106 130.9 85.5 128.3#
79 104.7 15.3 22.9#





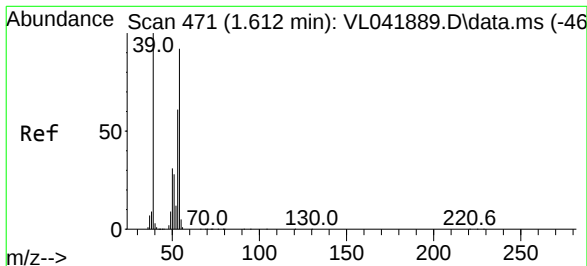
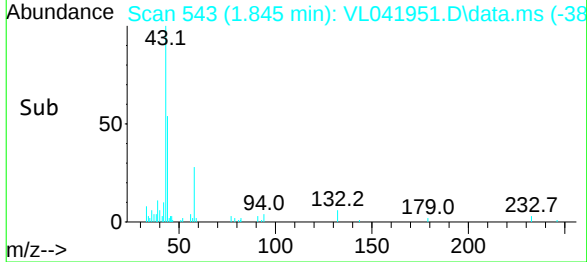
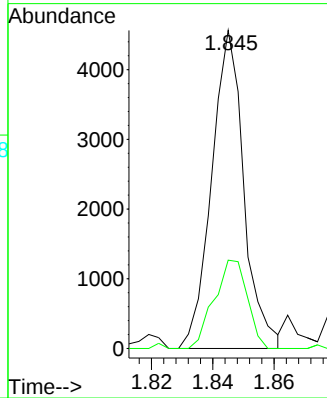
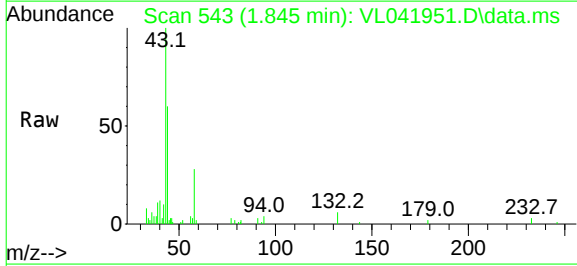
#15
Acetone
Concen: 0.197 ppbv
RT: 1.845 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025

Tgt Ion: 43 Resp: 3332
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9

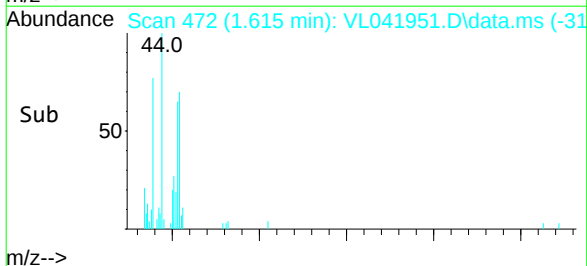
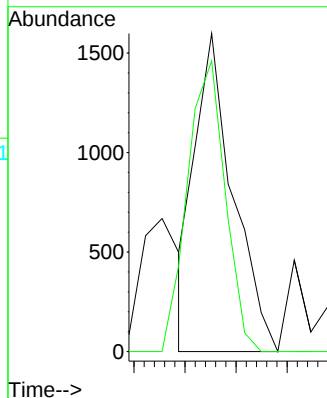
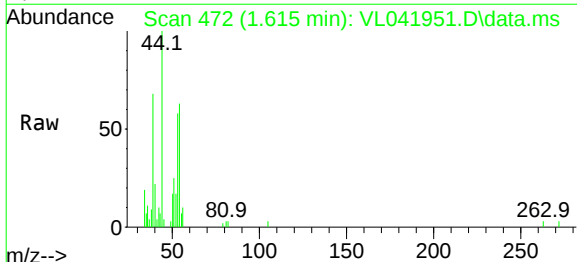
Manual Integrations
APPROVED

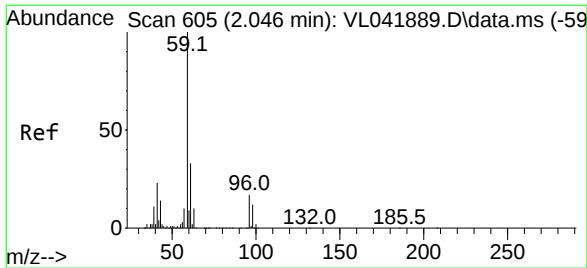
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#16
1,3-Butadiene
Concen: 0.110 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Tgt Ion: 39 Resp: 831
Ion Ratio Lower Upper
39 100
54 90.5 61.6 92.4





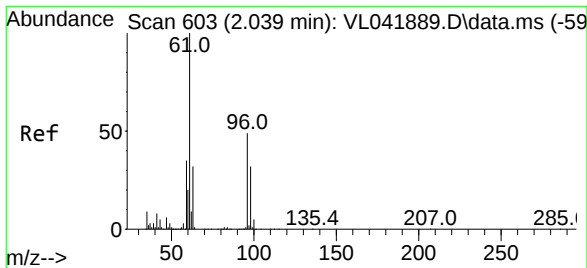
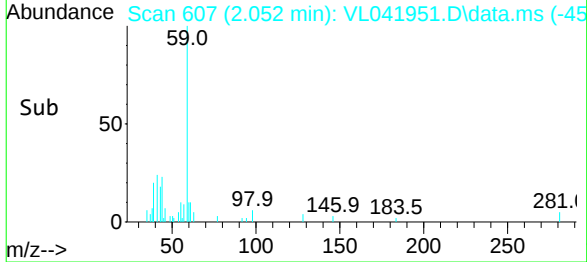
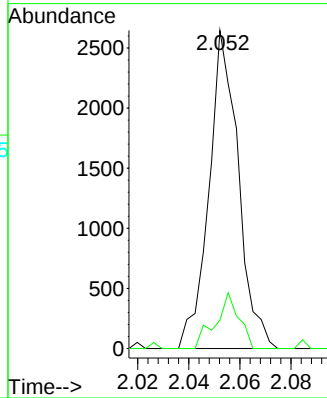
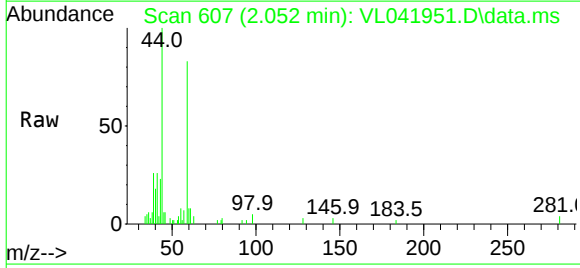
#17
tert-Butyl alcohol
Concen: 0.102 ppbv
RT: 2.052 min Scan# 605
Delta R.T. 0.006 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025

Tgt Ion: 59 Resp: 2115
Ion Ratio Lower Upper
59 100
57 13.9 7.8 11.8#

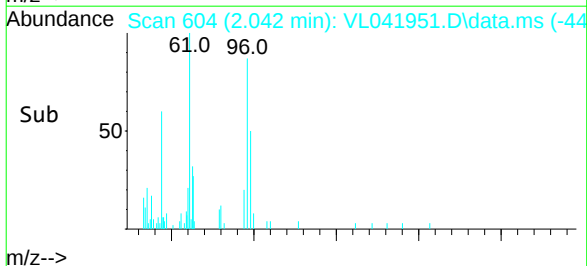
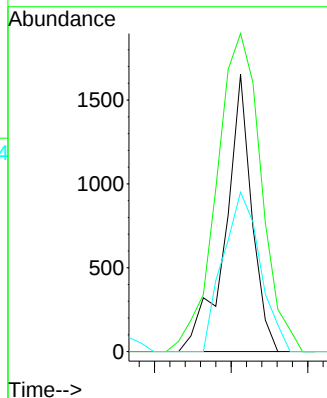
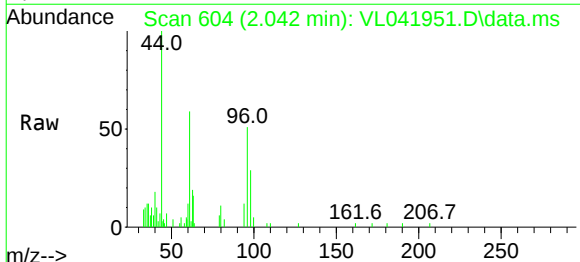
Manual Integrations
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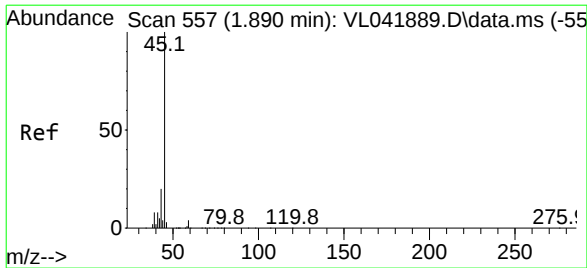
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#18
1,1-Dichloroethene
Concen: 0.113 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

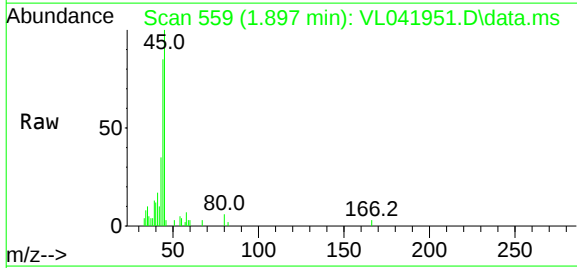
Tgt Ion: 96 Resp: 793
Ion Ratio Lower Upper
96 100
61 111.1 163.1 244.7#
98 57.5 52.7 79.1





#19
Isopropyl Alcohol
Concen: 0.207 ppbv
RT: 1.897 min Scan# 557
Delta R.T. 0.006 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

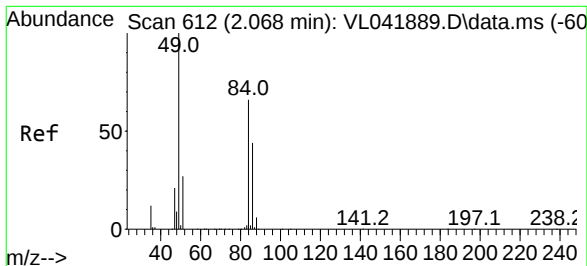
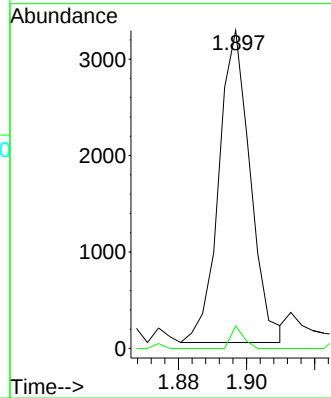
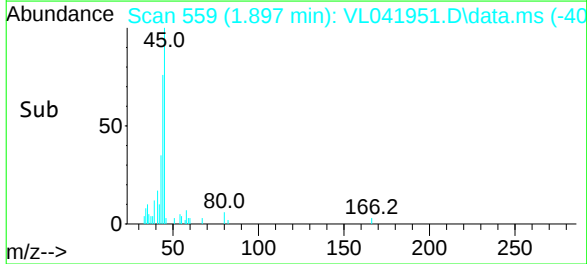
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



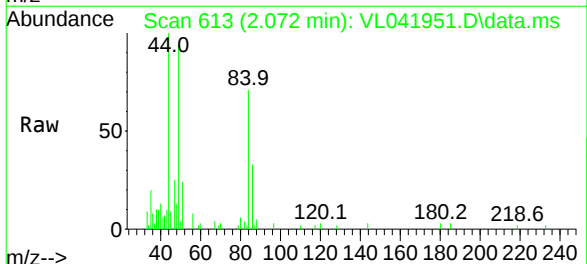
Tgt Ion: 45 Resp: 2077
Ion Ratio Lower Upper
45 100
58 2.9 35.0 52.6#

Manual Integrations
APPROVED

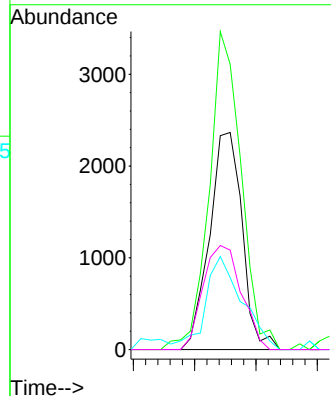
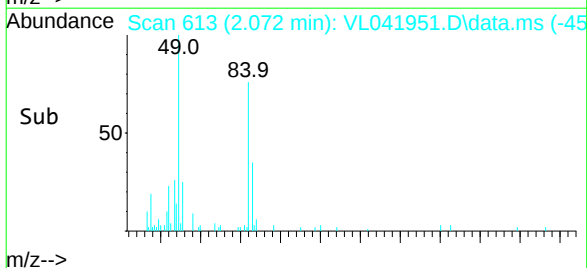
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

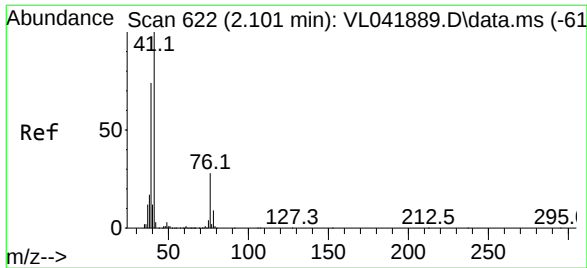


#20
Methylene Chloride
Concen: 0.263 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37



Tgt Ion: 84 Resp: 1754
Ion Ratio Lower Upper
84 100
49 131.4 123.1 184.7
51 33.2 35.8 53.8#
86 45.8 53.7 80.5#





#21

Allyl Chloride

Concen: 0.147 ppbv

RT: 2.107 min Scan# 622

Delta R.T. 0.006 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Instrument :

MSVOA_L

ClientSampleId :

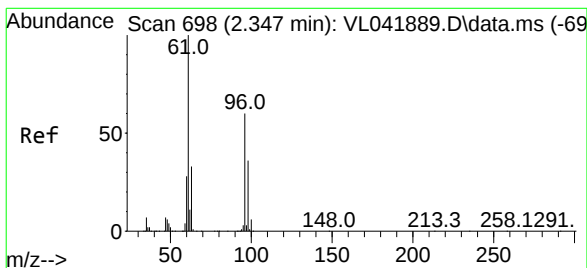
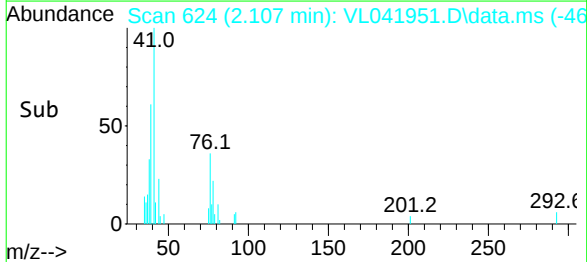
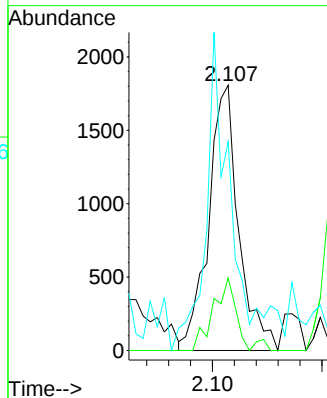
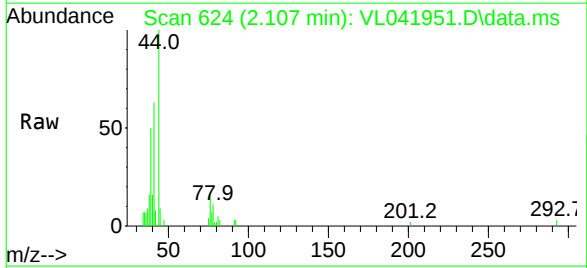
LOD-MDL-AIR-01-QT1-2025

Tgt Ion:	41	Resp:	1719
Ion	Ratio	Lower	Upper
41	100		
76	21.8	24.2	36.4#
39	108.0	60.6	91.0#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#22

trans-1,2-Dichloroethene

Concen: 0.135 ppbv

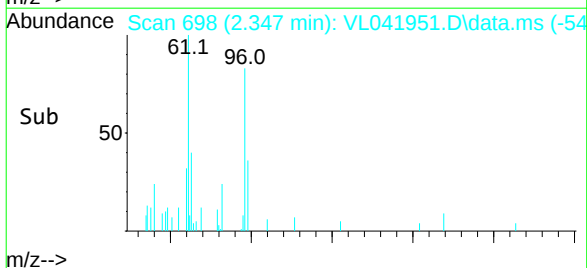
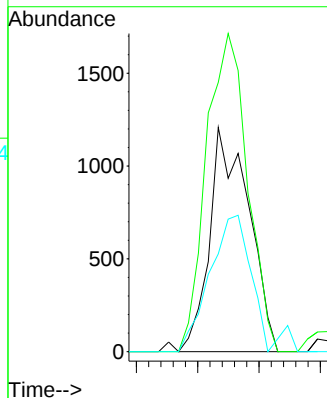
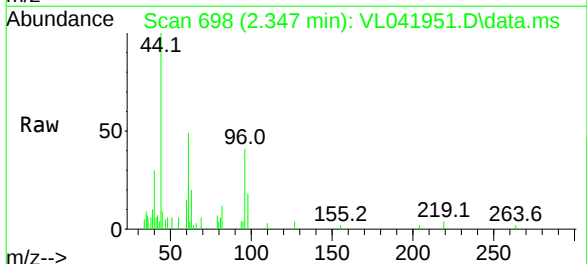
RT: 2.347 min Scan# 698

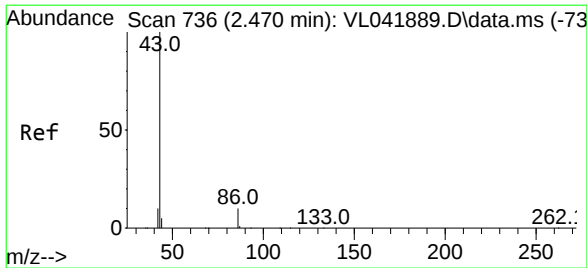
Delta R.T. -0.000 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

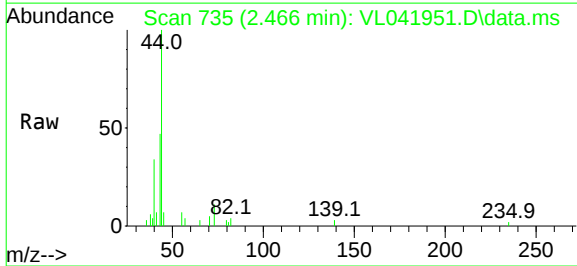
Tgt Ion:	96	Resp:	1075
Ion	Ratio	Lower	Upper
96	100		
61	120.1	134.5	201.7#
98	43.6	48.9	73.3#





#23
 Vinyl Acetate
 Concen: 0.140 ppbv m
 RT: 2.466 min Scan# 736
 Delta R.T. -0.003 min
 Lab File: VL041951.D
 Acq: 27 Jan 2025 14:37

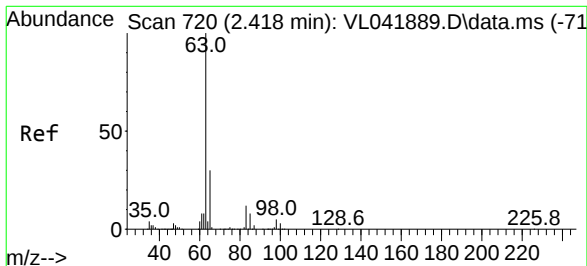
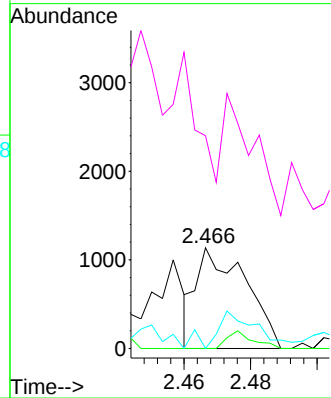
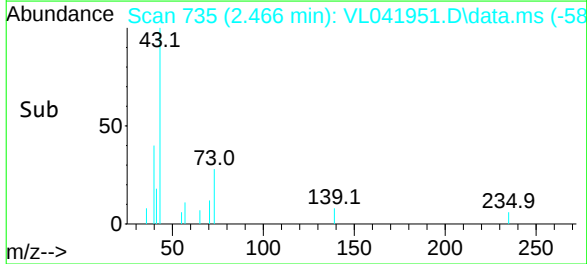
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2025



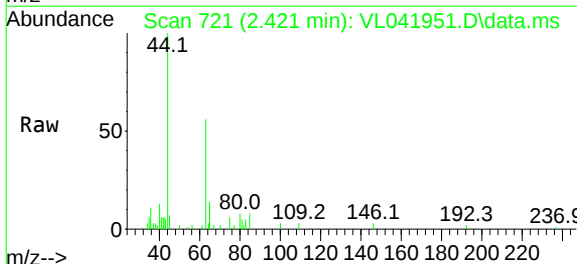
Tgt Ion: 43 Resp: 1170
 Ion Ratio Lower Upper
 43 100
 86 0.0 6.2 9.4#
 42 0.0 8.5 12.7#
 44 211.4 4.8 7.2#

Manual Integrations
 APPROVED

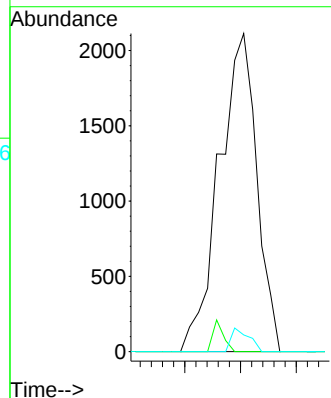
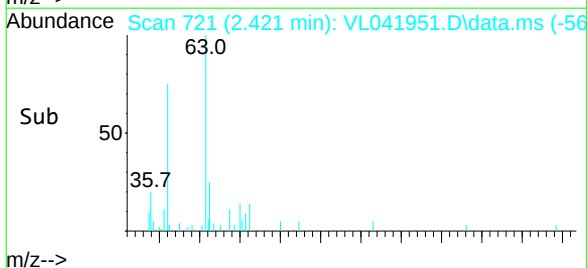
Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

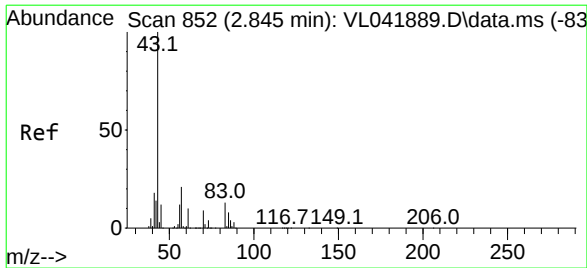


#24
 1,1-Dichloroethane
 Concen: 0.129 ppbv
 RT: 2.421 min Scan# 721
 Delta R.T. 0.003 min
 Lab File: VL041951.D
 Acq: 27 Jan 2025 14:37



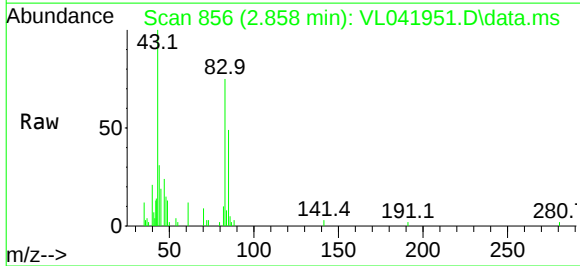
Tgt Ion: 63 Resp: 1981
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.6 7.8#
 100 5.3 1.4 4.2#





#25
Ethyl Acetate
Concen: 0.091 ppbv m
RT: 2.858 min Scan# 851
Delta R.T. 0.013 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

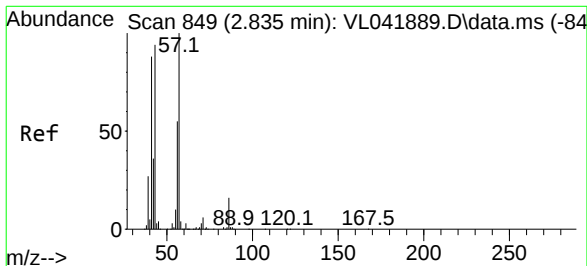
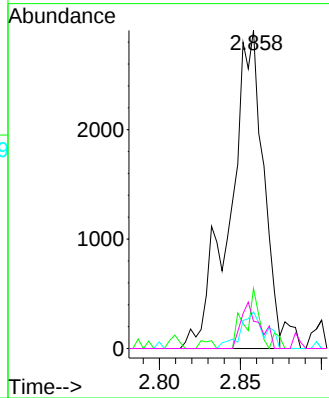
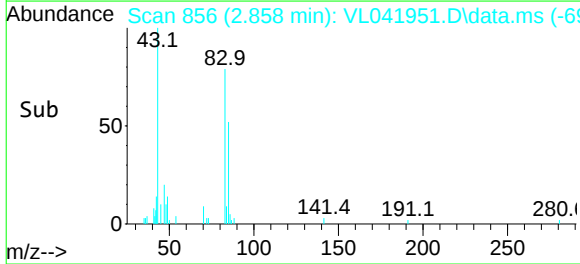
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



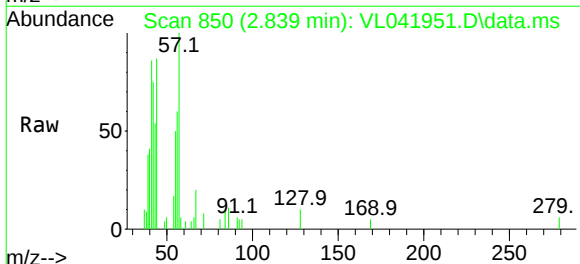
Tgt Ion:	43	Resp:	4153
Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.2	12.2
61	8.5	7.4	11.0
70	8.0	7.0	10.4

Manual Integrations
APPROVED

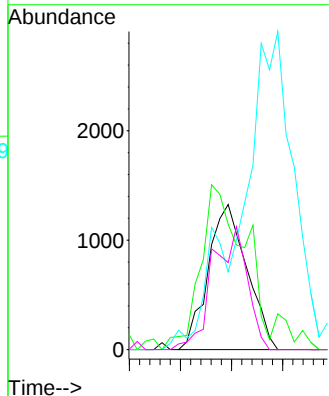
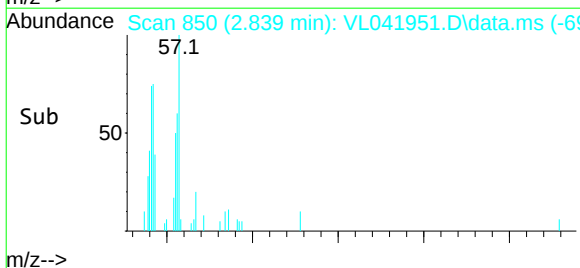
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

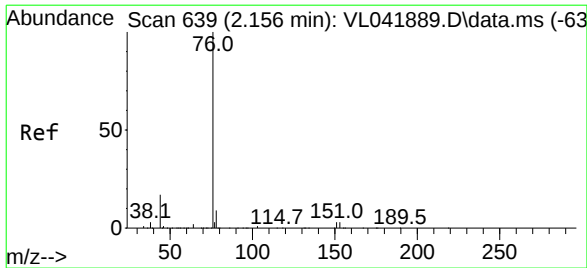


#26
Hexane
Concen: 0.078 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37



Tgt Ion:	57	Resp:	1404
Ion	Ratio	Lower	Upper
57	100		
41	140.8	73.8	110.8#
43	304.6	197.3	295.9#
56	76.5	42.7	64.1#





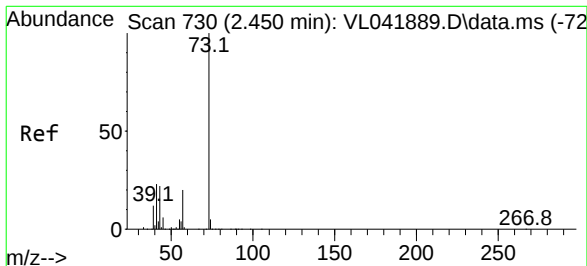
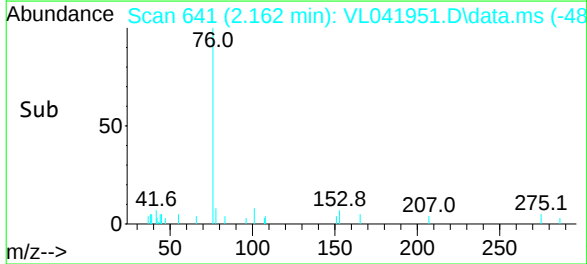
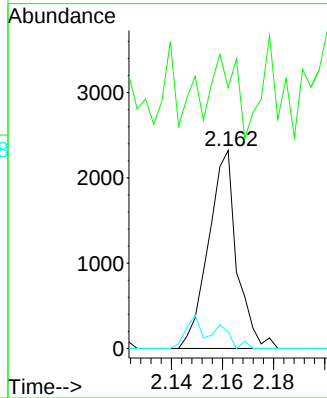
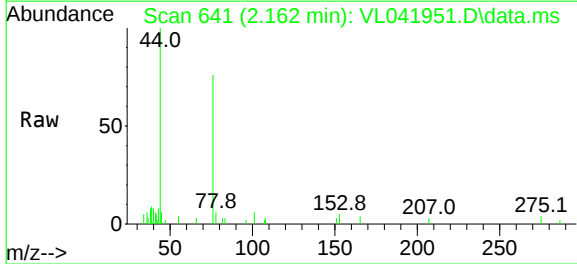
#27
Carbon Disulfide
Concen: 0.101 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.006 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025

Tgt Ion: 76 Resp: 1794
Ion Ratio Lower Upper
76 100
44 212.5 15.4 23.0#
78 16.6 9.3 13.9#

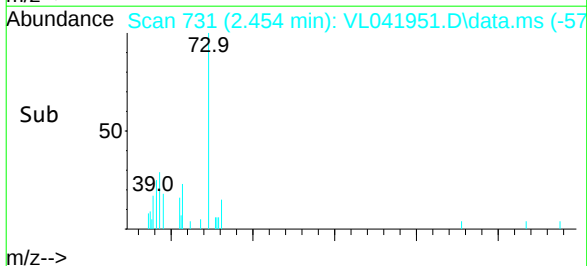
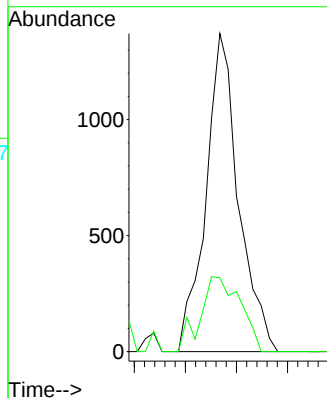
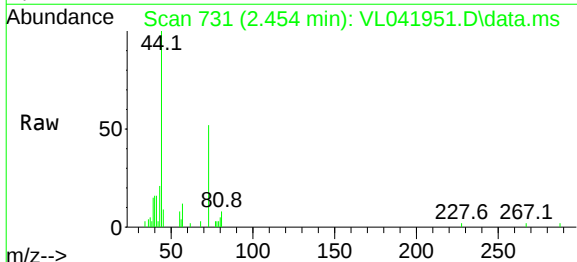
Manual Integrations
APPROVED

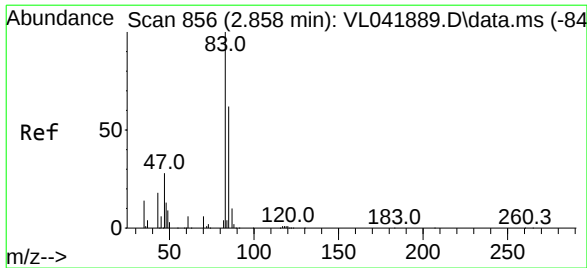
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#28
Methyl tert-Butyl Ether
Concen: 0.089 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Tgt Ion: 73 Resp: 1220
Ion Ratio Lower Upper
73 100
57 28.8 18.1 27.1#





#29

Chloroform

Concen: 0.109 ppbv m

RT: 2.861 min Scan# 85

Delta R.T. 0.003 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2025

Tgt Ion: 83 Resp: 3093

Ion Ratio Lower Upper

83 100

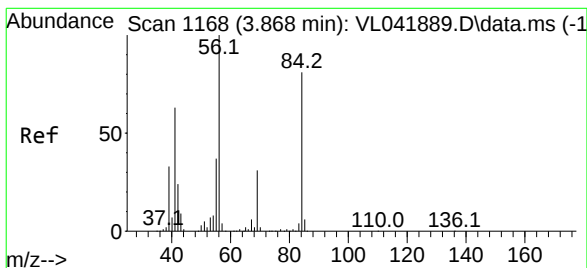
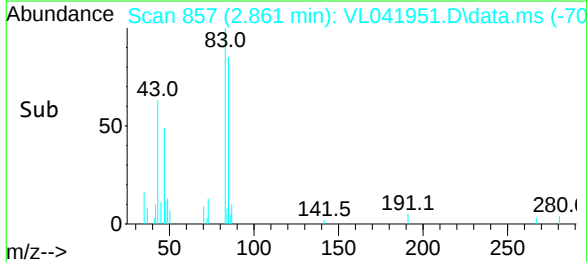
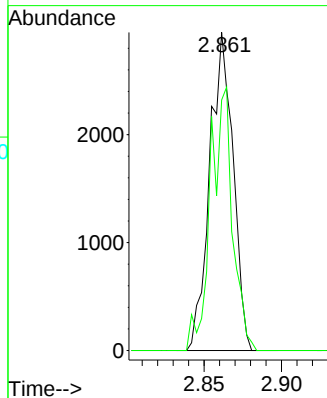
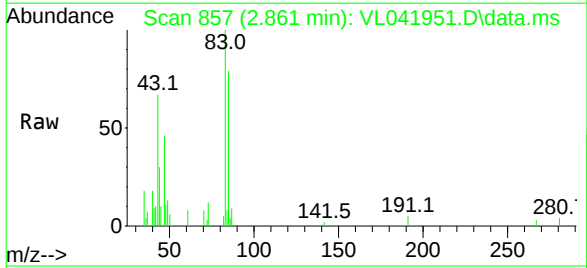
85 78.8 50.1 75.1#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#30

Cyclohexane

Concen: 0.080 ppbv m

RT: 3.868 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

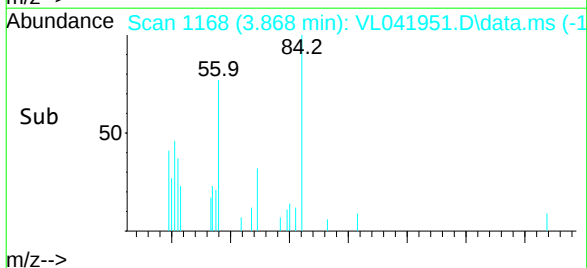
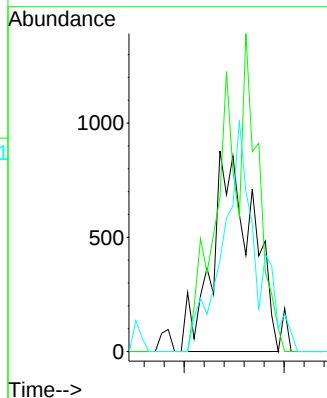
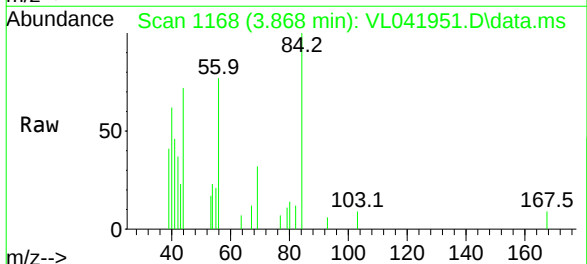
Tgt Ion: 84 Resp: 1242

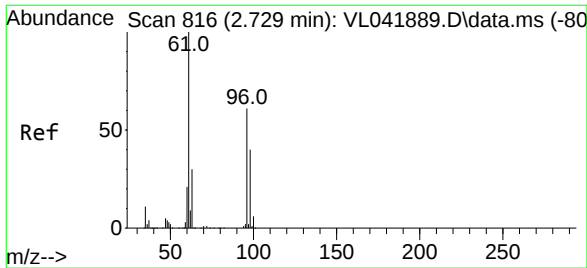
Ion Ratio Lower Upper

84 100

56 0.0 99.3 148.9#

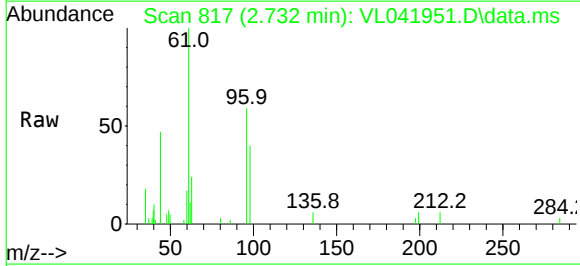
41 0.0 64.3 96.5#





#31
cis-1,2-Dichloroethene
Concen: 0.112 ppbv
RT: 2.732 min Scan# 816
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

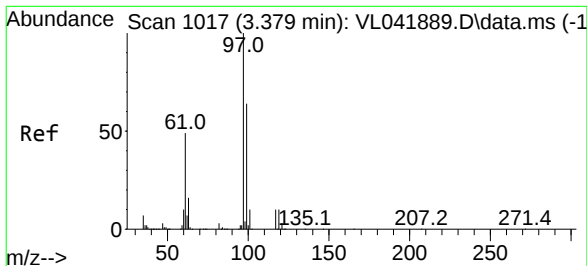
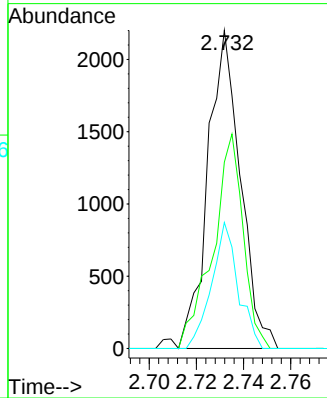
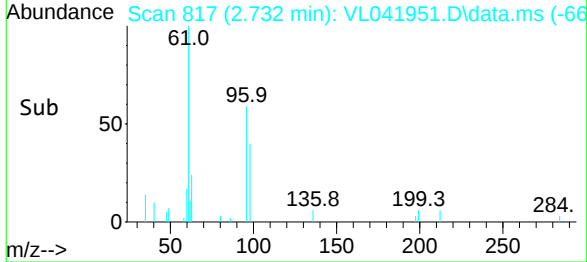
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



Tgt Ion: 61 Resp: 2116
Ion Ratio Lower Upper
61 100
96 58.6 48.7 73.1
98 39.6 31.6 47.4

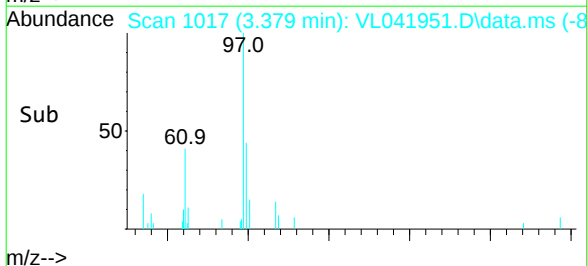
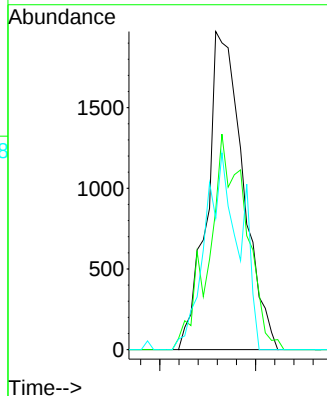
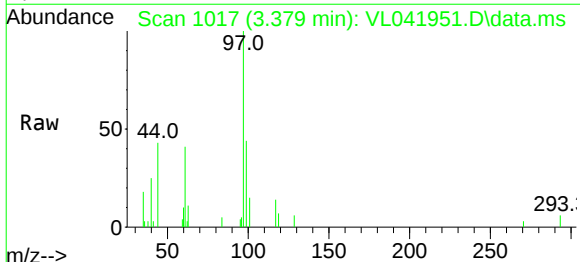
Manual Integrations
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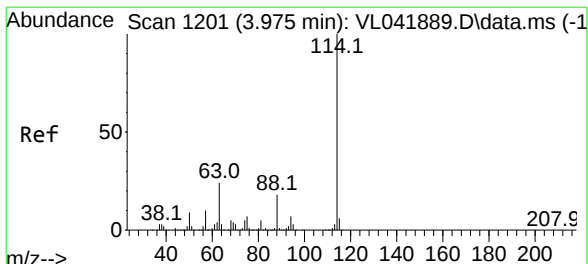
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#32
1,1,1-Trichloroethane
Concen: 0.094 ppbv
RT: 3.379 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

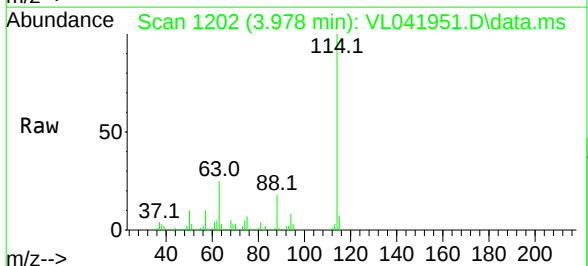
Tgt Ion: 97 Resp: 2566
Ion Ratio Lower Upper
97 100
99 69.6 51.1 76.7
61 60.0 39.0 58.6#





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.978 min Scan# 1201
 Delta R.T. 0.003 min
 Lab File: VL041951.D
 Acq: 27 Jan 2025 14:37

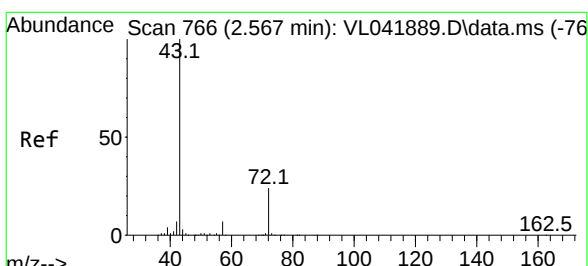
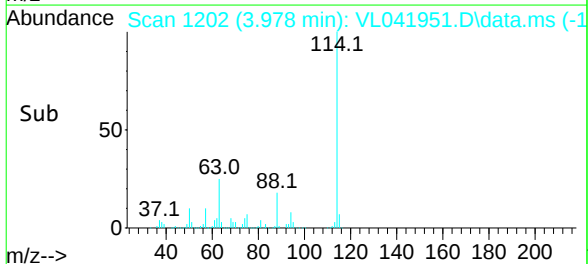
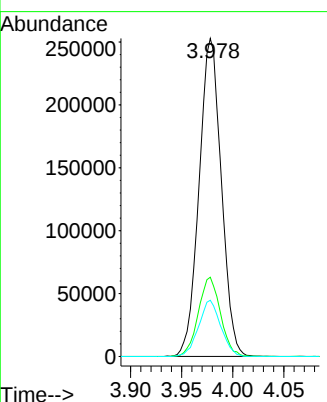
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2025



Tgt Ion: 114 Resp: 382409

Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.8	29.6
88	17.6	14.4	21.6

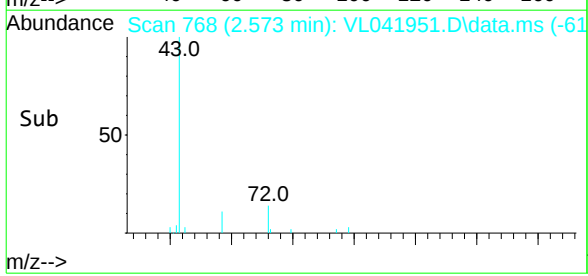
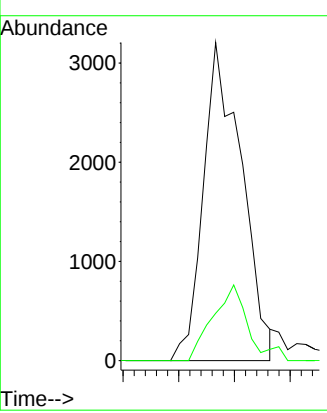
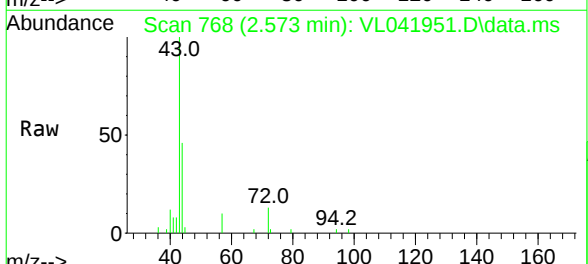
Manual Integrations
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 Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

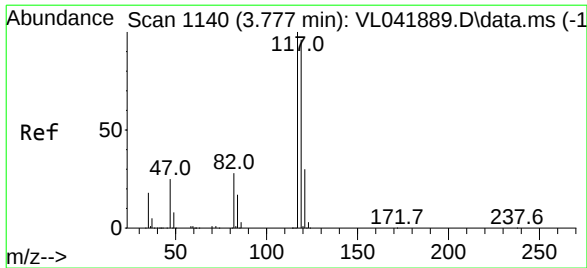


#34
 2-Butanone
 Concen: 0.126 ppbv
 RT: 2.573 min Scan# 768
 Delta R.T. 0.006 min
 Lab File: VL041951.D
 Acq: 27 Jan 2025 14:37

Tgt Ion: 43 Resp: 3065

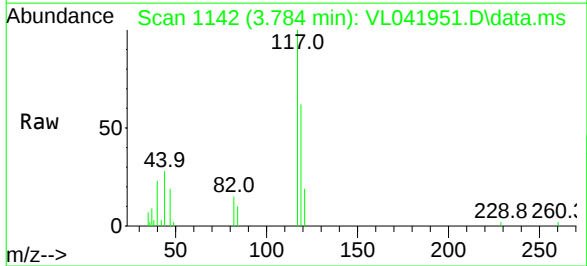
Ion	Ratio	Lower	Upper
43	100		
72	21.9	18.6	28.0





#35
Carbon Tetrachloride
Concen: 0.130 ppbv
RT: 3.784 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

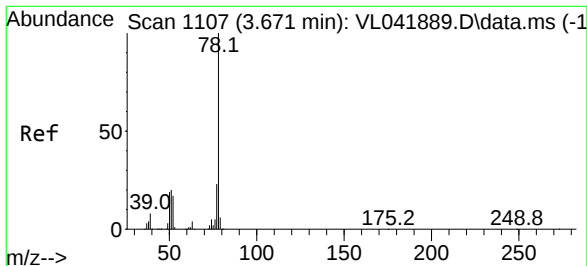
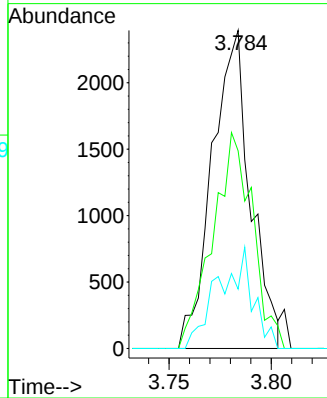
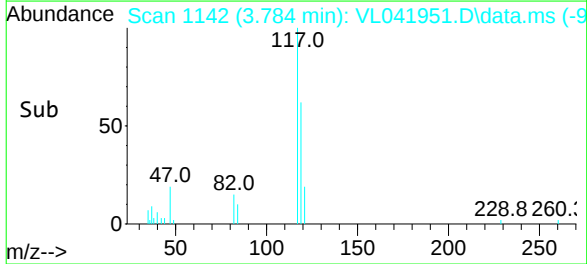
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



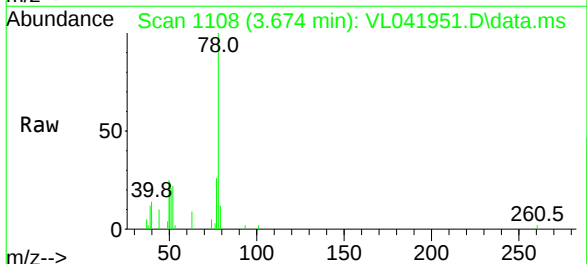
Tgt Ion: 117 Resp: 3115
Ion Ratio Lower Upper
117 100
119 62.2 76.9 115.3#
121 18.7 23.8 35.6#

Manual Integrations
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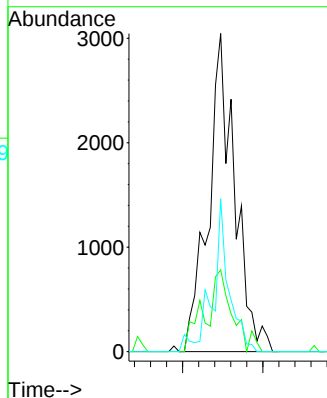
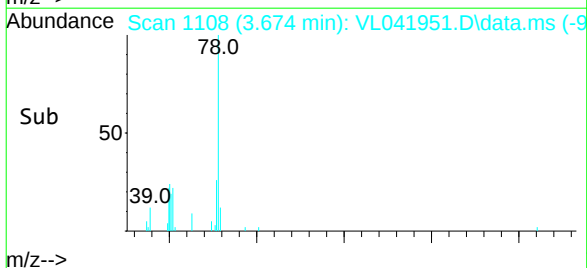
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

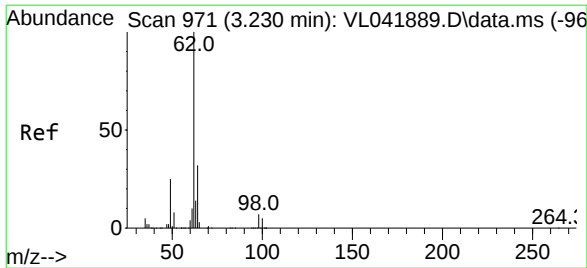


#36
Benzene
Concen: 0.099 ppbv m
RT: 3.674 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37



Tgt Ion: 78 Resp: 3457
Ion Ratio Lower Upper
78 100
77 25.7 18.1 27.1
50 24.5 15.2 22.8#





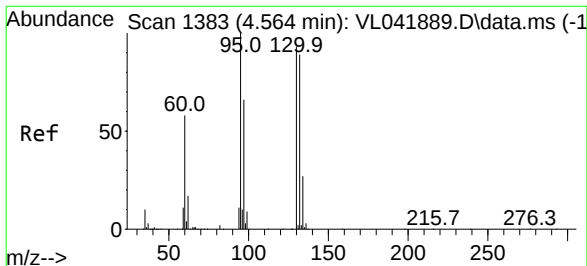
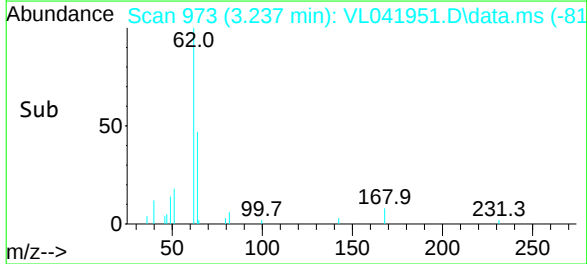
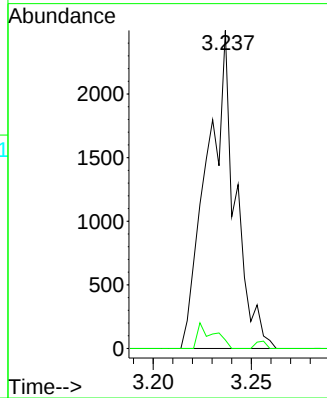
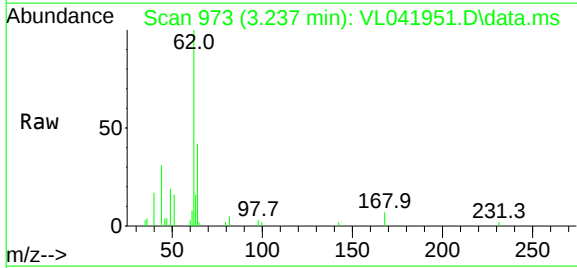
#37
1,2-Dichloroethane
Concen: 0.127 ppbv m
RT: 3.237 min Scan# 971
Delta R.T. 0.006 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025

Tgt Ion: 62 Resp: 2495
Ion Ratio Lower Upper
62 100
98 0.0 5.4 8.0#

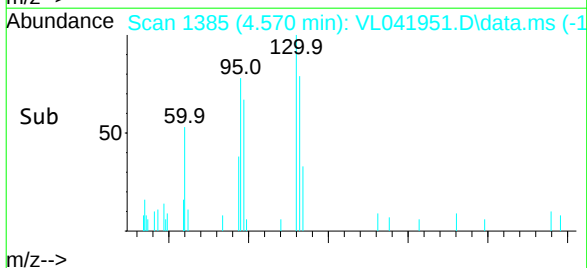
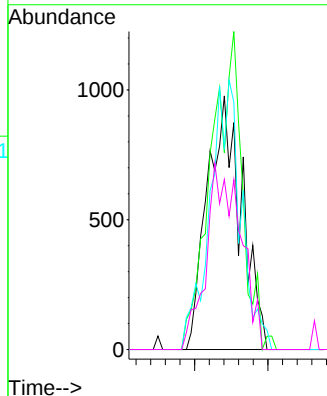
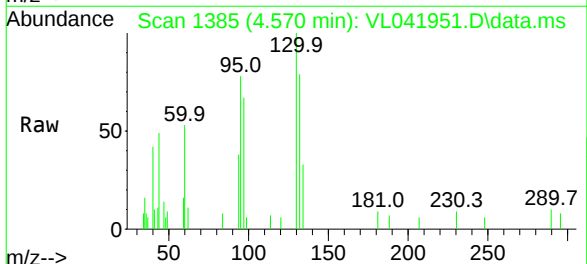
Manual Integrations
APPROVED

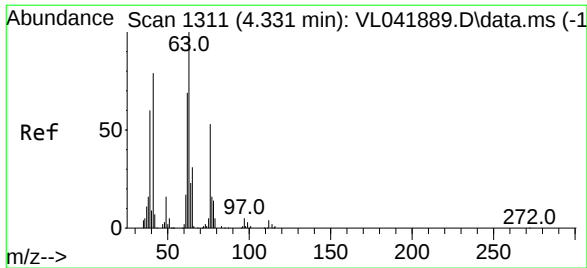
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#38
Trichloroethene
Concen: 0.114 ppbv m
RT: 4.570 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

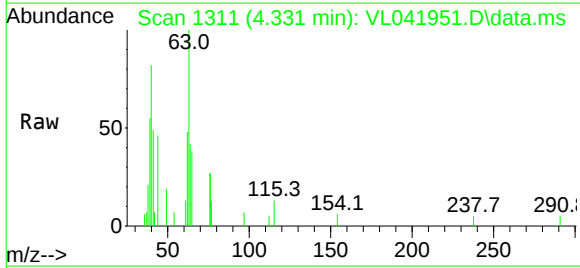
Tgt Ion:130 Resp: 1583
Ion Ratio Lower Upper
130 100
95 77.6 85.8 128.8#
132 78.9 76.5 114.7
97 67.0 56.8 85.2





#39
1,2-Dichloropropane
Concen: 0.124 ppbv m
RT: 4.331 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

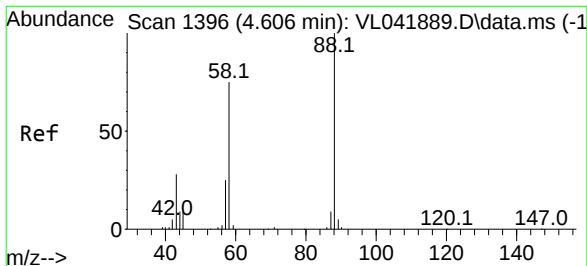
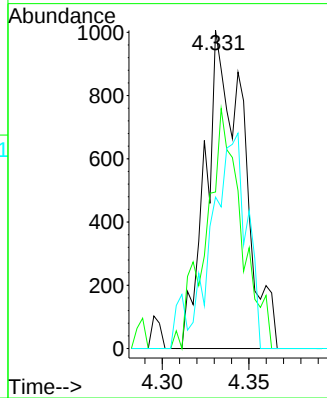
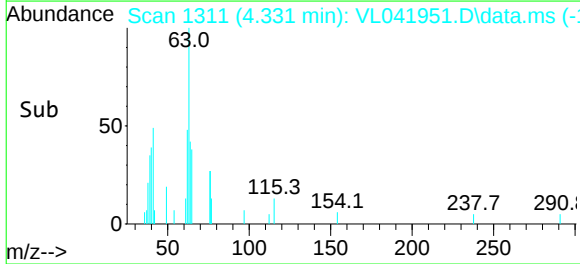
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



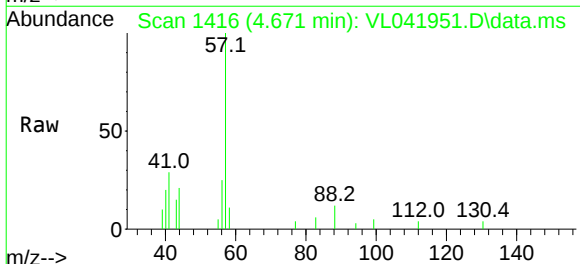
Tgt Ion: 63 Resp: 1536
Ion Ratio Lower Upper
63 100
41 49.2 63.7 95.5#
62 47.6 55.4 83.2#

Manual Integrations
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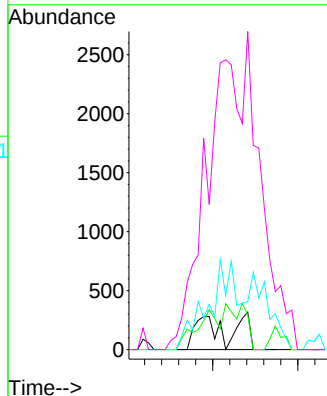
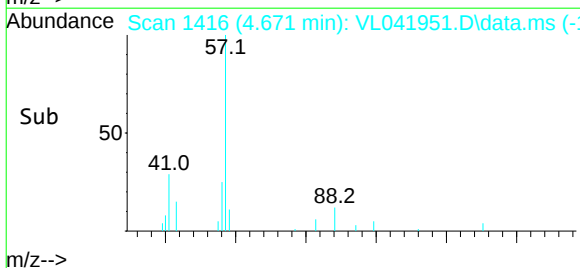
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

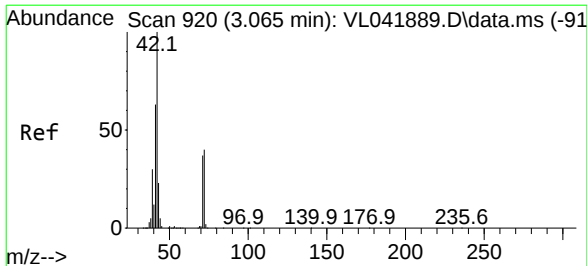


#40
1,4-Dioxane
Concen: 0.068 ppbv m
RT: 4.671 min Scan# 1416
Delta R.T. 0.065 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37



Tgt Ion: 88 Resp: 423
Ion Ratio Lower Upper
88 100
58 0.0 62.1 93.1#
43 344.9 0.0 0.0#
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.114 ppbv

RT: 3.088 min Scan# 92

Delta R.T. 0.023 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Instrument :

MSVOA_L

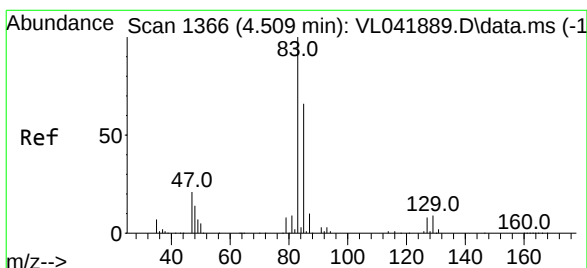
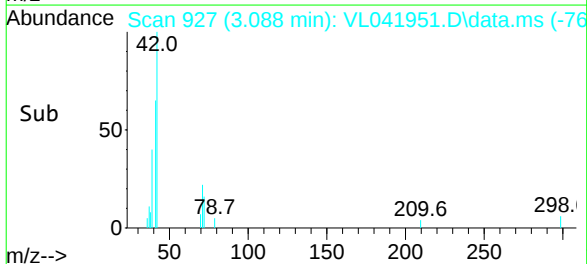
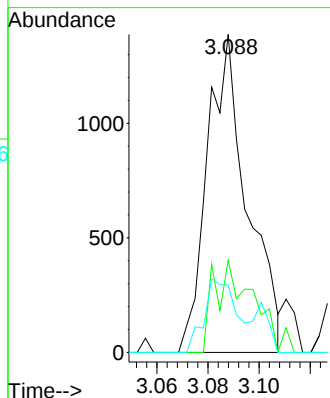
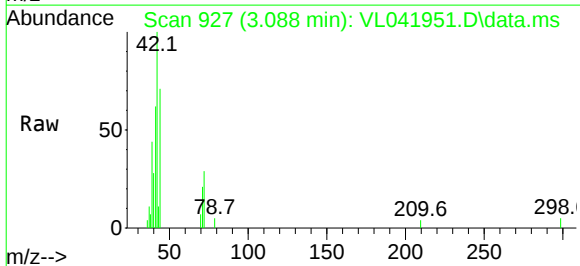
ClientSampleId :

LOD-MDL-AIR-01-QT1-2025

Tgt Ion:	42	Resp:	1507
Ion	Ratio	Lower	Upper
42	100		
72	28.6	32.3	48.5#
71	24.6	29.9	44.9#

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#42

Bromodichloromethane

Concen: 0.097 ppbv m

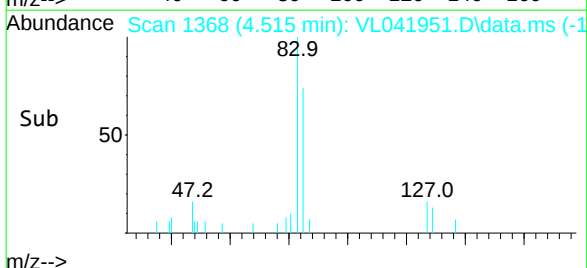
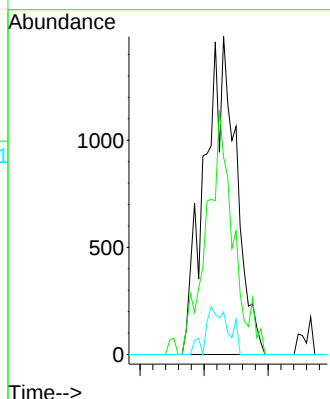
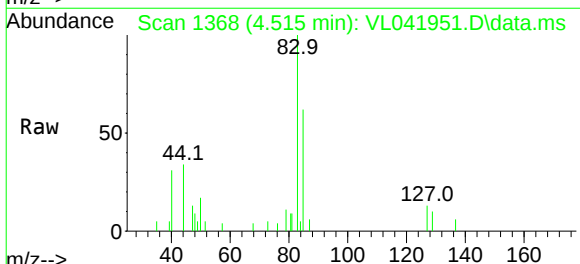
RT: 4.515 min Scan# 1368

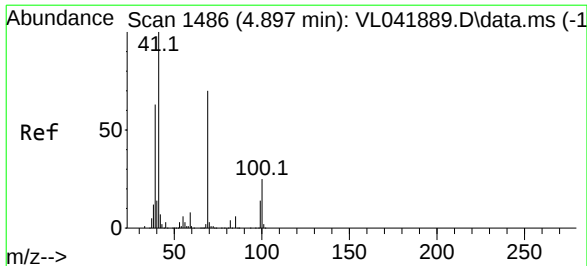
Delta R.T. 0.006 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

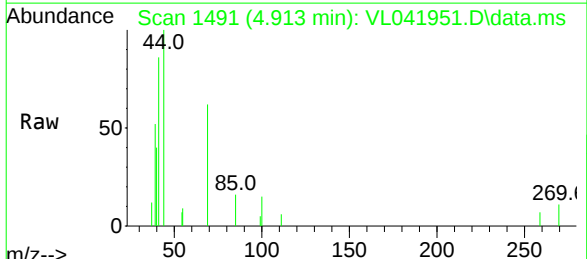
Tgt Ion:	83	Resp:	2556
Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.6	78.8
127	13.3	6.4	9.6#





#43
Methyl Methacrylate
Concen: 0.081 ppbv m
RT: 4.913 min Scan# 1416
Delta R.T. 0.016 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

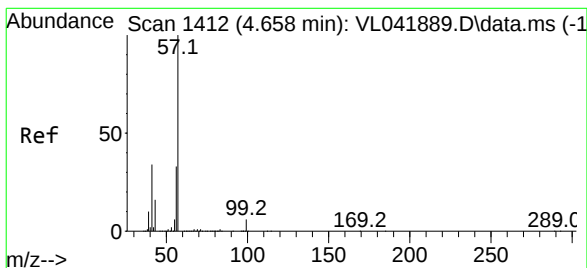
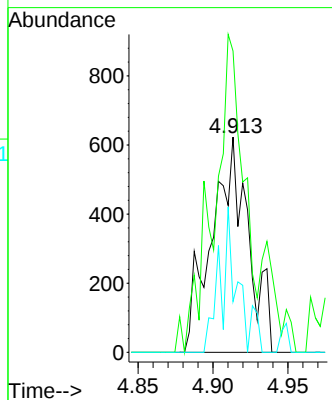
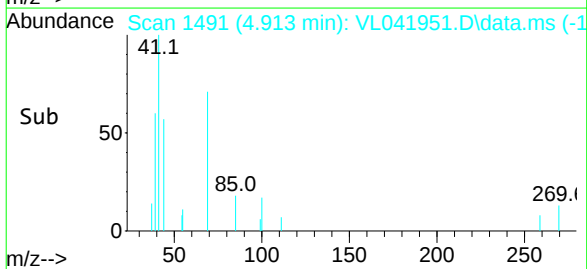
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



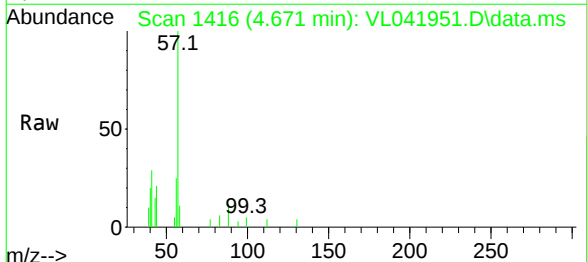
Tgt Ion: 69 Resp: 1060
Ion Ratio Lower Upper
69 100
41 0.0 118.6 177.8#
100 0.0 29.3 43.9#

Manual Integrations
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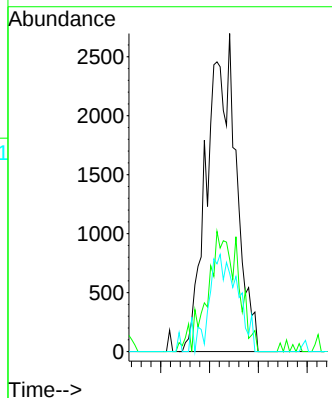
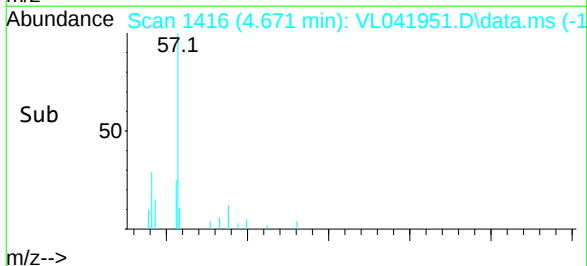
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

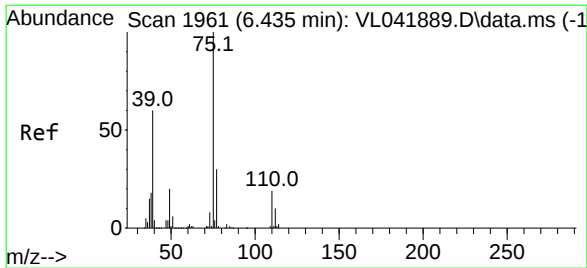


#44
2,2,4-Trimethylpentane
Concen: 0.098 ppbv m
RT: 4.671 min Scan# 1416
Delta R.T. 0.013 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37



Tgt Ion: 57 Resp: 5541
Ion Ratio Lower Upper
57 100
41 40.2 26.6 40.0#
56 31.3 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 0.071 ppbv m

RT: 6.448 min Scan# 19

Delta R.T. 0.013 min

Lab File: VL041951.D

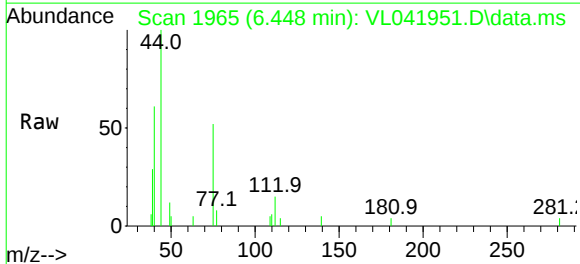
Acq: 27 Jan 2025 14:37

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2025



Tgt Ion: 75 Resp: 866

Ion Ratio Lower Upper

75 100

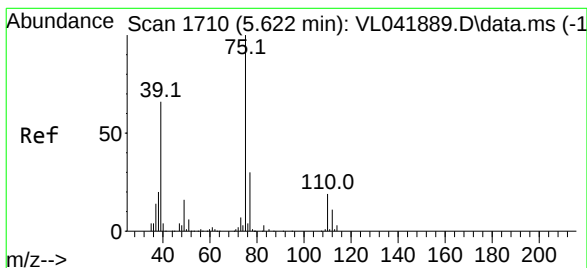
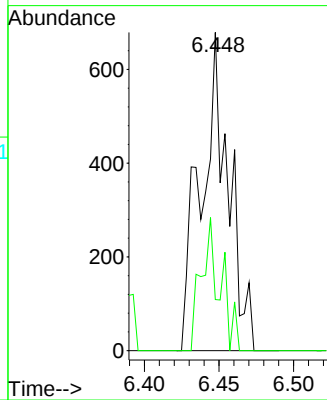
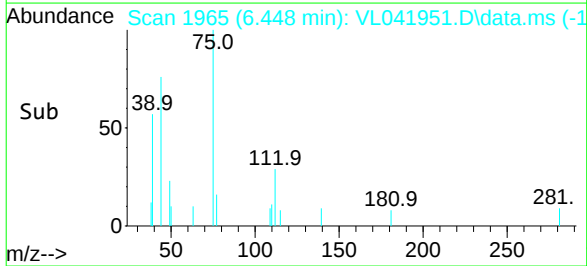
77 16.1 24.3 36.5#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025

Supervised By :Mahesh Dadoda 01/30/2025



#46

cis-1,3-Dichloropropene

Concen: 0.077 ppbv m

RT: 5.622 min Scan# 1710

Delta R.T. -0.000 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

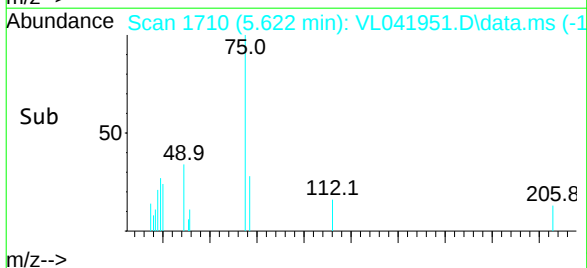
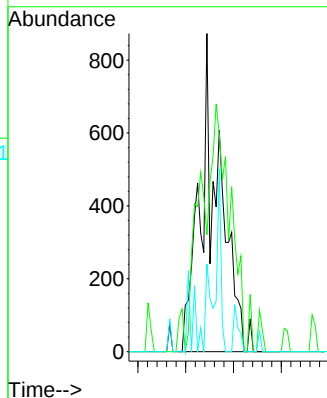
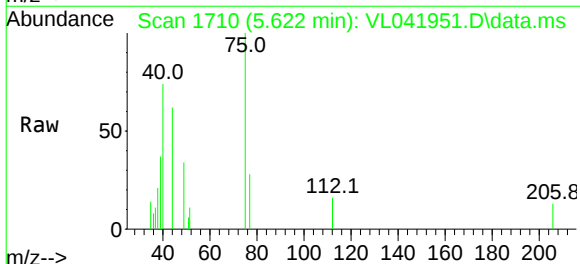
Tgt Ion: 75 Resp: 1241

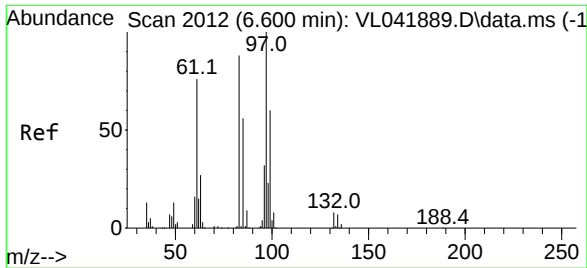
Ion Ratio Lower Upper

75 100

39 36.8 53.1 79.7#

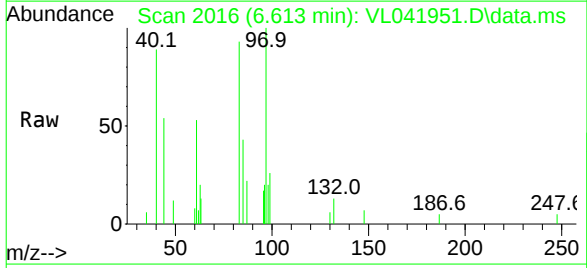
77 27.6 23.8 35.8





#47
1,1,2-Trichloroethane
Concen: 0.120 ppbv m
RT: 6.613 min Scan# 2012
Delta R.T. 0.013 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

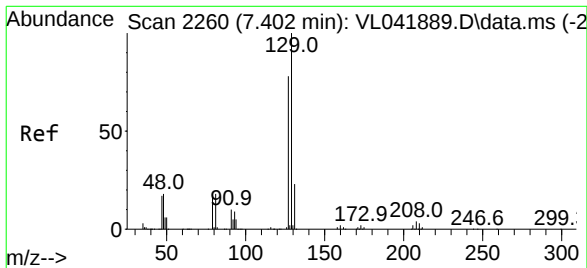
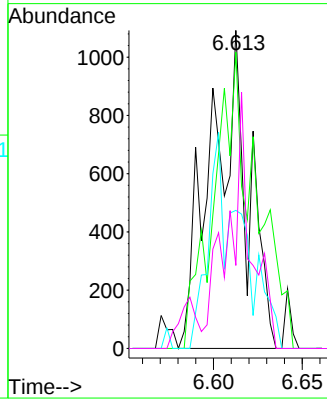
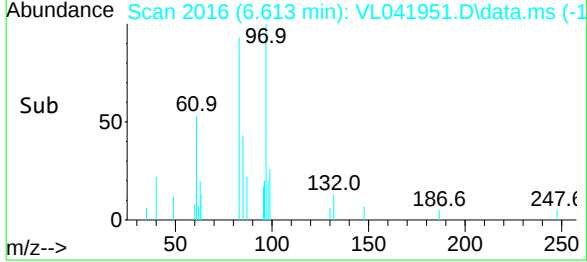
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



Tgt Ion: 97 Resp: 1564
Ion Ratio Lower Upper
97 100
83 93.1 70.4 105.6
85 43.4 45.0 67.4#
99 26.1 48.1 72.1#

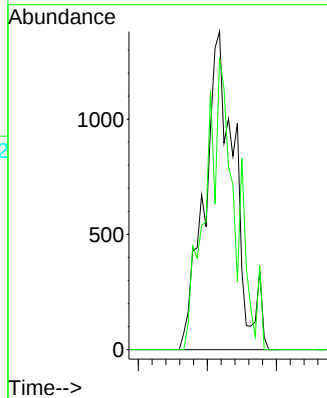
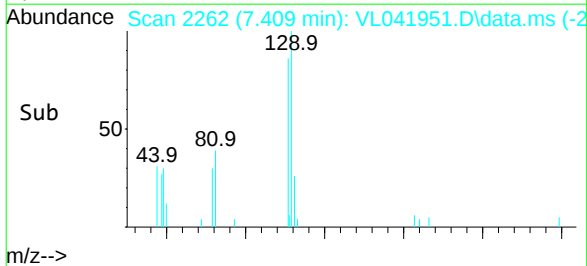
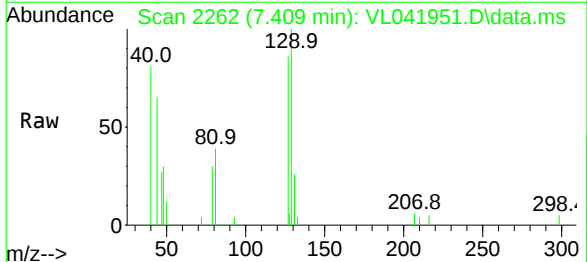
Manual Integrations
APPROVED

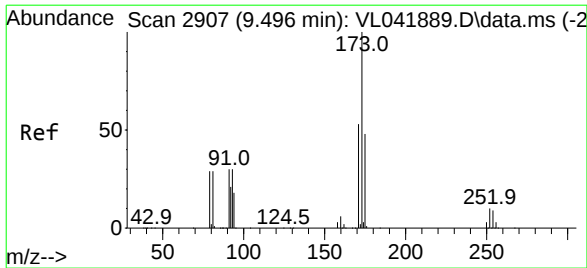
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#48
Dibromochloromethane
Concen: 0.104 ppbv m
RT: 7.409 min Scan# 2262
Delta R.T. 0.006 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Tgt Ion:129 Resp: 2088
Ion Ratio Lower Upper
129 100
127 91.1 39.3 117.8





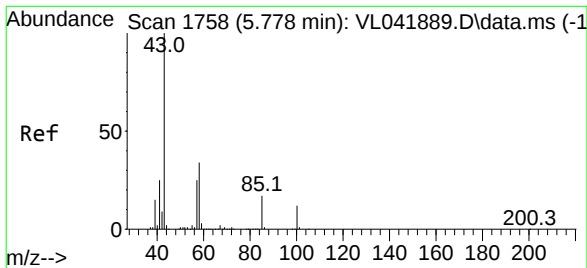
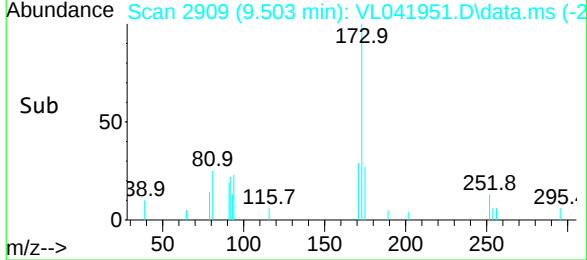
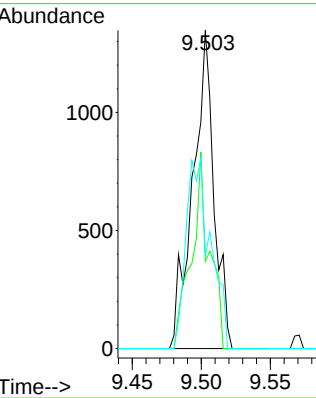
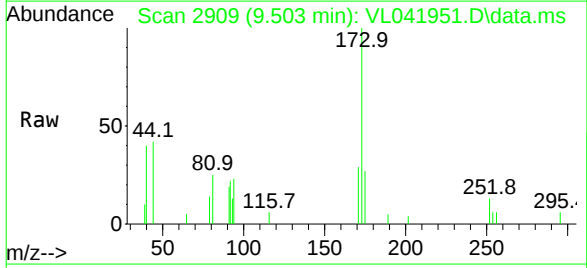
#49
Bromoform
Concen: 0.087 ppbv m
RT: 9.503 min Scan# 2907
Delta R.T. 0.006 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025

Tgt Ion	Ratio	Lower	Upper
173	100		
175	52.1	38.4	57.6
171	68.9	41.4	62.2

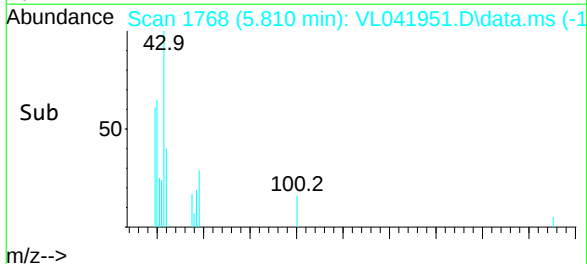
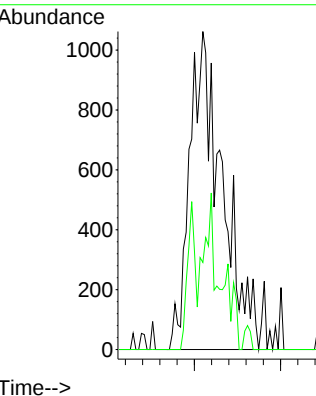
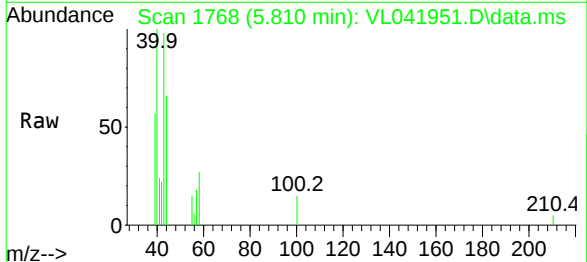
Manual Integrations
APPROVED

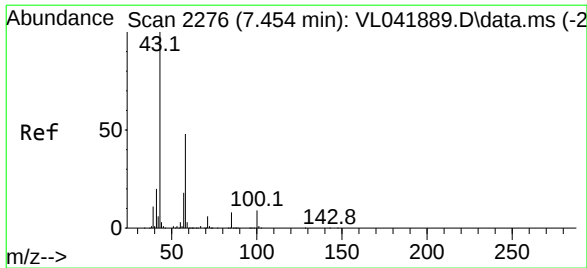
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#50
4-Methyl-2-Pentanone
Concen: 0.085 ppbv m
RT: 5.810 min Scan# 1768
Delta R.T. 0.032 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

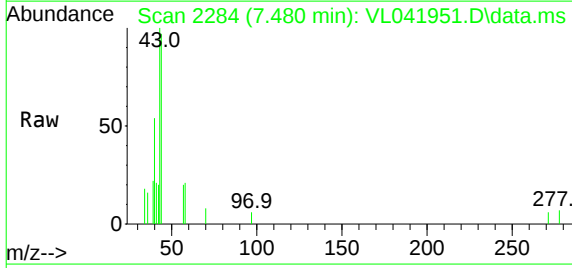
Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.6





#51
2-Hexanone
Concen: 0.072 ppbv m
RT: 7.480 min Scan# 2276
Delta R.T. 0.026 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

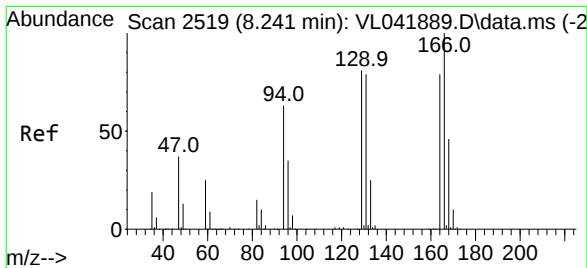
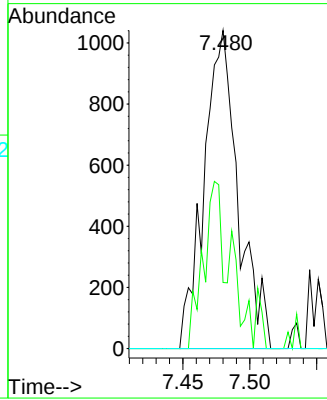
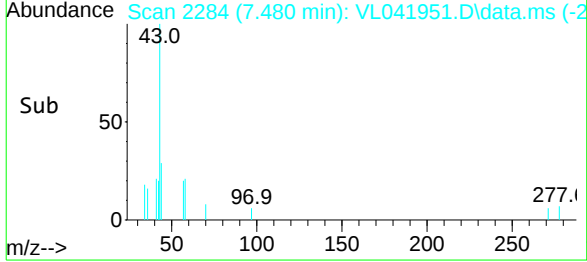
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



Tgt Ion: 43 Resp: 1849
Ion Ratio Lower Upper
43 100
58 43.7 40.4 60.6
98 0.0 0.2 0.2#

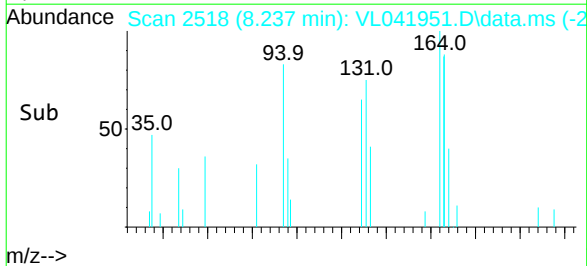
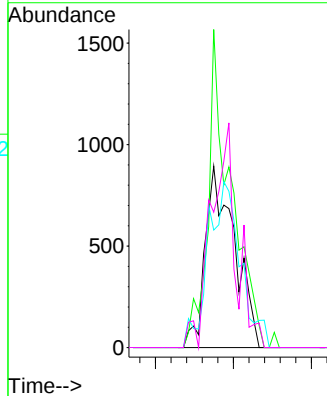
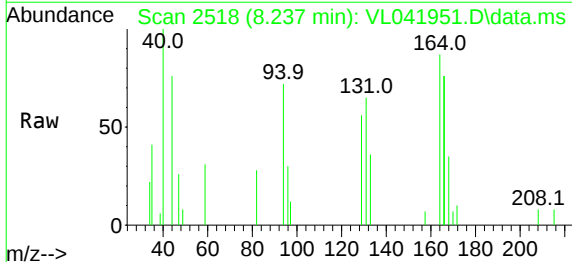
Manual Integrations
APPROVED

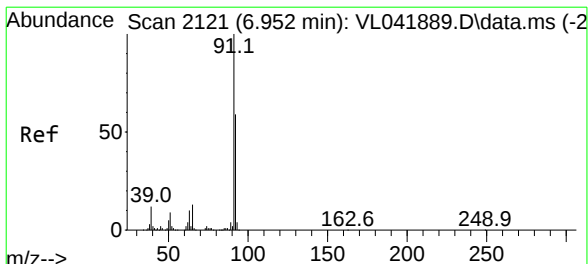
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#52
Tetrachloroethene
Concen: 0.096 ppbv m
RT: 8.237 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

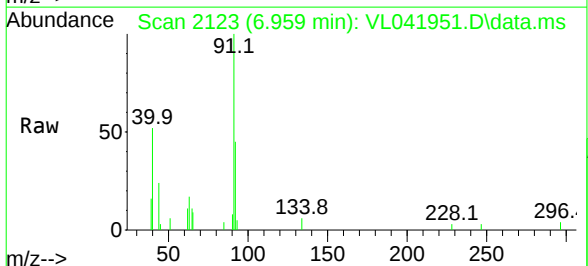
Tgt Ion:164 Resp: 1167
Ion Ratio Lower Upper
164 100
166 87.8 100.8 151.2#
129 64.8 82.0 123.0#
131 74.6 80.2 120.2#





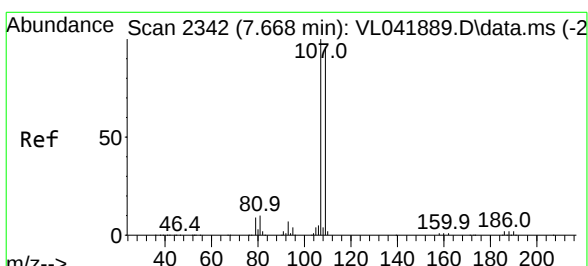
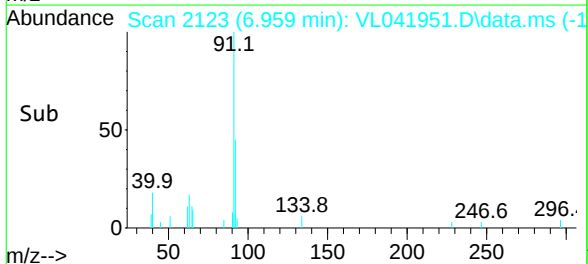
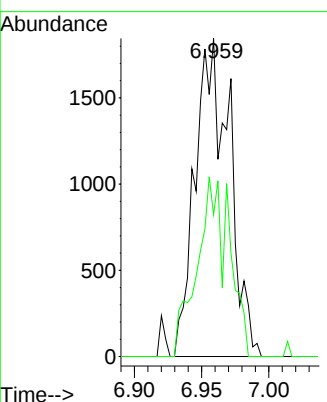
#53
Toluene
Concen: 0.086 ppbv m
RT: 6.959 min Scan# 2121
Delta R.T. 0.006 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



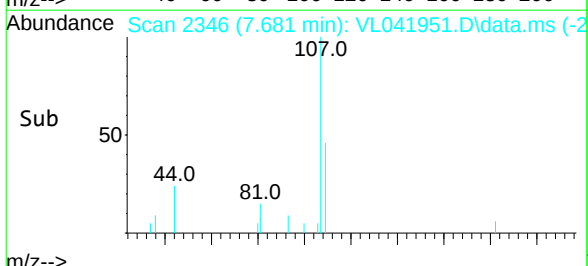
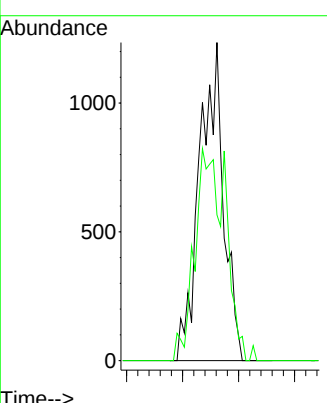
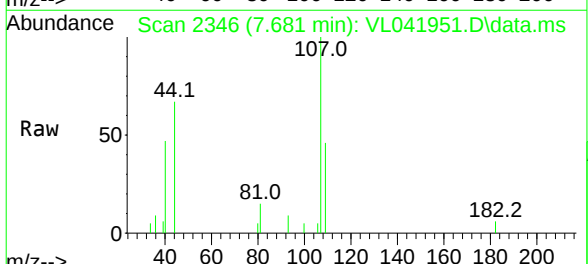
Tgt Ion:	91	Resp:	3277
Ion	Ratio	Lower	Upper
91	100		
92	53.1	47.4	71.0

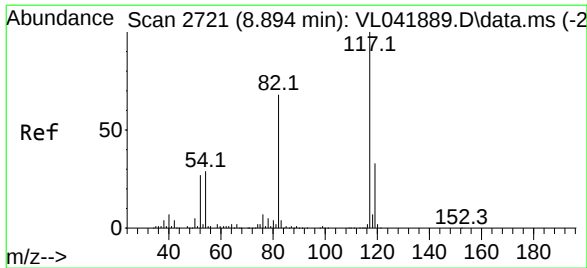
Manual Integrations
APPROVED
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#54
1,2-Dibromoethane
Concen: 0.102 ppbv m
RT: 7.681 min Scan# 2346
Delta R.T. 0.013 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

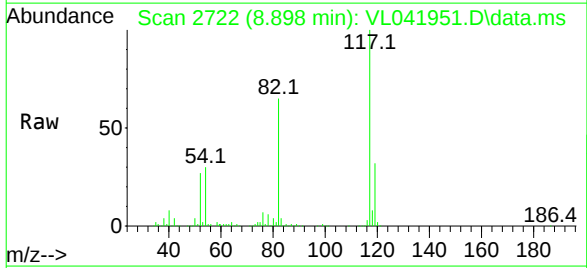
Tgt Ion:	107	Resp:	1828
Ion	Ratio	Lower	Upper
107	100		
109	45.8	76.7	115.1#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2721
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

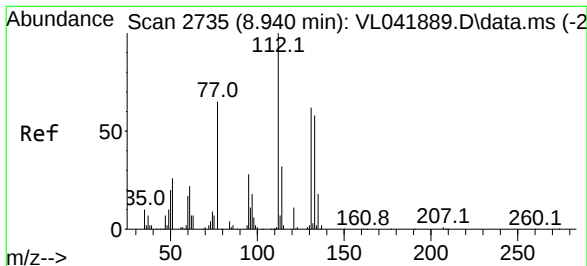
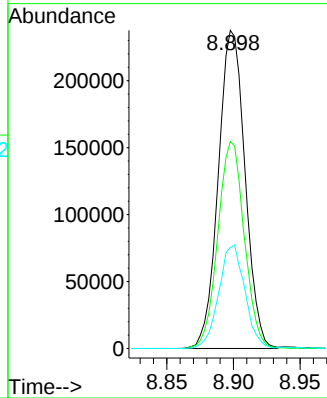
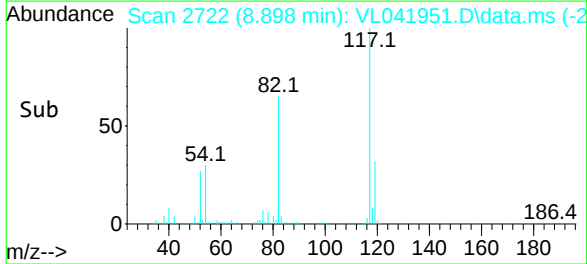
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



Tgt Ion:117 Resp: 330936
Ion Ratio Lower Upper
117 100
82 64.5 54.2 81.4
119 32.2 25.0 37.6

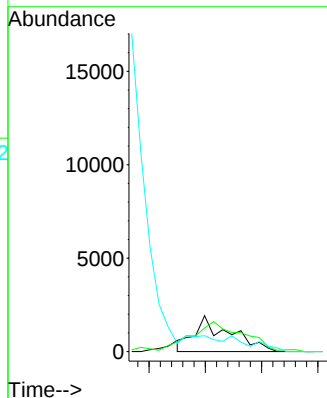
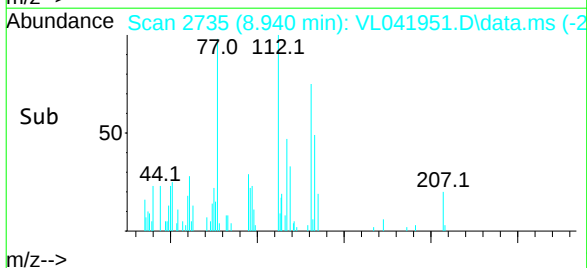
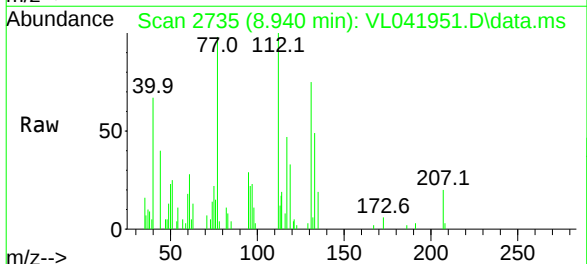
Manual Integrations
APPROVED

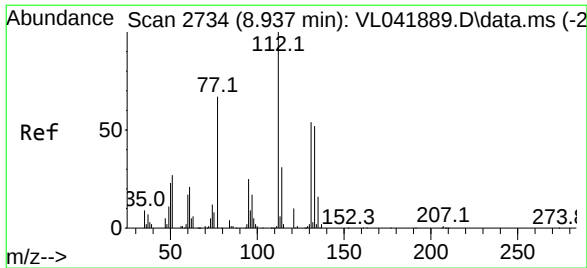
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.101 ppbv m
RT: 8.940 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Tgt Ion:131 Resp: 1664
Ion Ratio Lower Upper
131 100
133 131.4 76.0 114.0#
119 0.0 49.7 74.5#





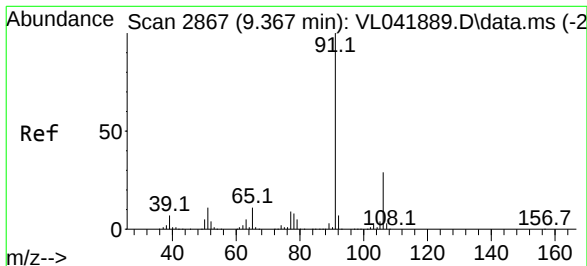
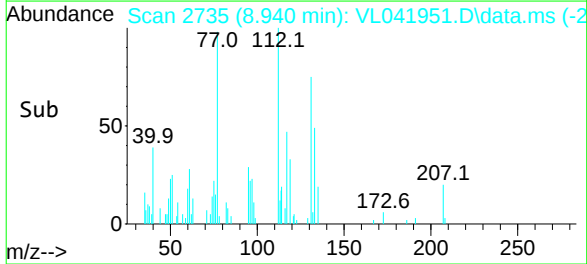
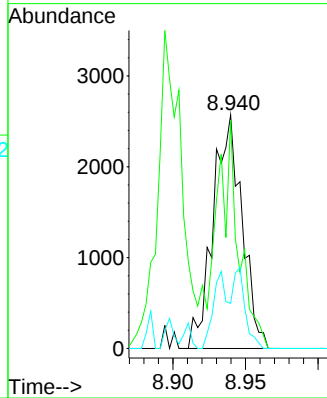
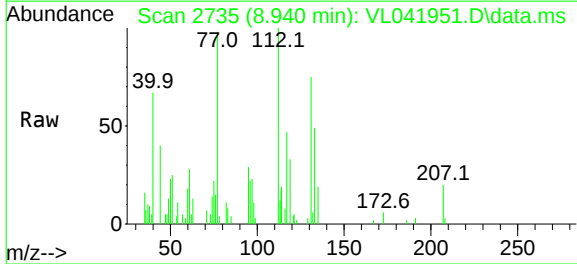
#57
Chlorobenzene
Concen: 0.117 ppbv m
RT: 8.940 min Scan# 2734
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025

Tgt Ion:	112	Resp:	3561
Ion Ratio	Lower	Upper	
112	100		
77	97.9	54.6	82.0#
114	19.3	28.2	34.4#

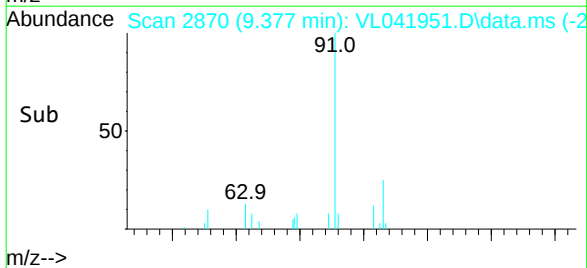
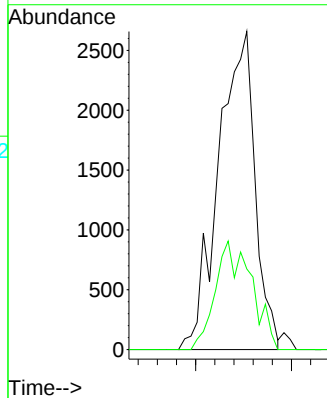
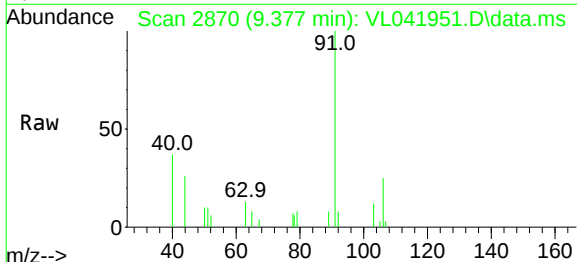
Manual Integrations
APPROVED

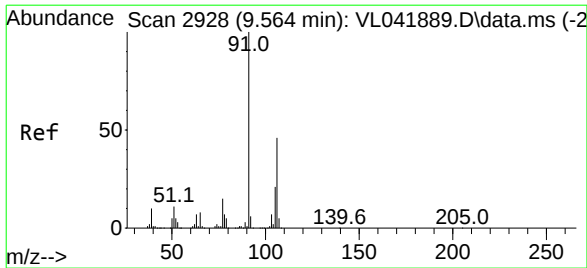
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#58
Ethyl Benzene
Concen: 0.068 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. 0.010 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

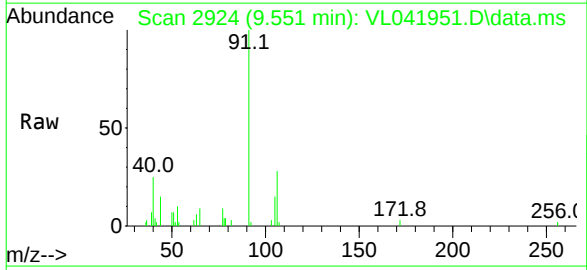
Tgt Ion:	91	Resp:	3517
Ion Ratio	Lower	Upper	
91	100		
106	25.4	23.1	34.7





#59
m/p-Xylene
Concen: 0.134 ppbv m
RT: 9.551 min Scan# 29
Delta R.T. -0.013 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

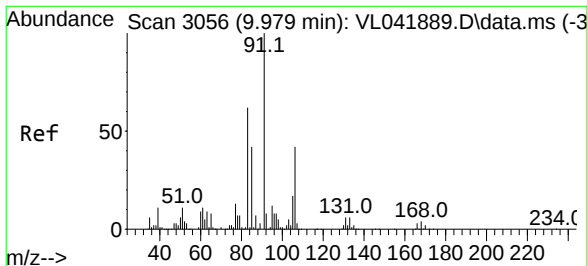
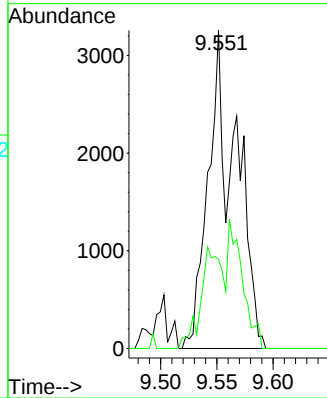
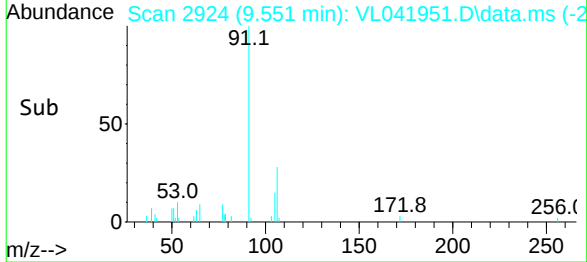
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



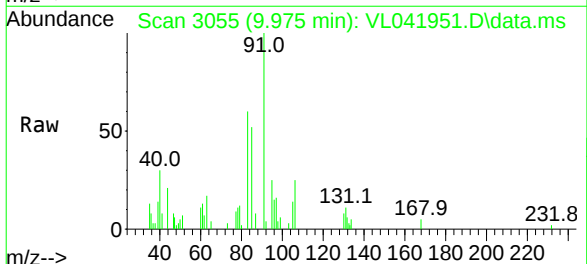
Tgt Ion: 91 Resp: 5567
Ion Ratio Lower Upper
91 100
106 46.4 36.0 54.0

Manual Integrations
APPROVED

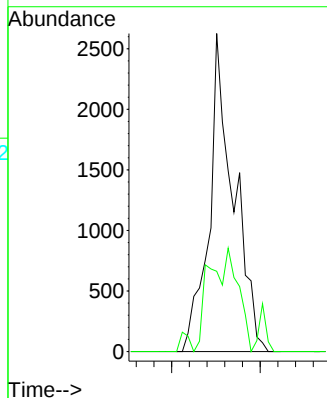
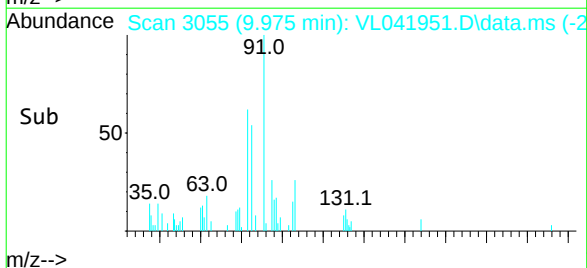
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

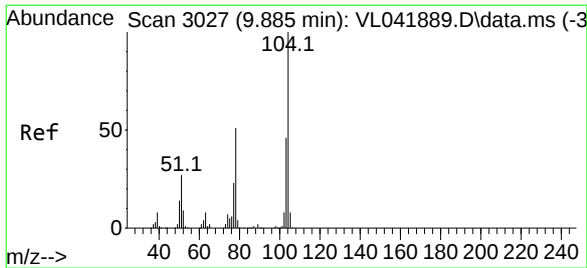


#60
o-Xylene
Concen: 0.061 ppbv m
RT: 9.975 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37



Tgt Ion: 91 Resp: 2516
Ion Ratio Lower Upper
91 100
106 45.2 21.3 63.9





#61

Styrene

Concen: 0.069 ppbv m

RT: 9.885 min Scan# 3027

Delta R.T. -0.000 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Instrument :

MSVOA_L

ClientSampleId :

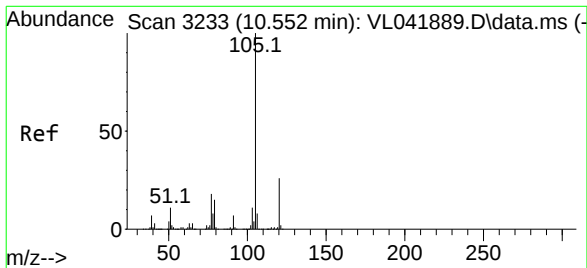
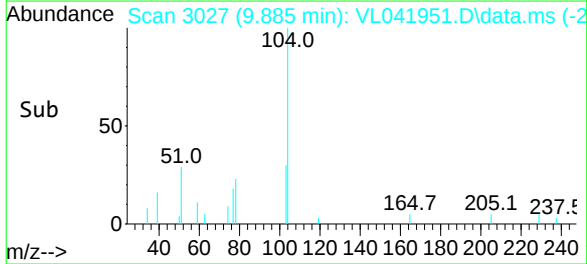
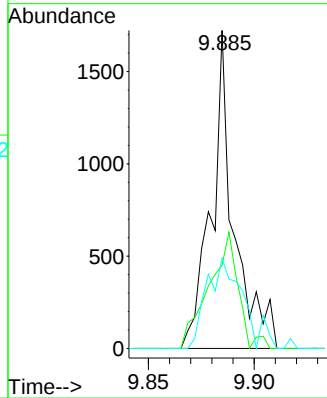
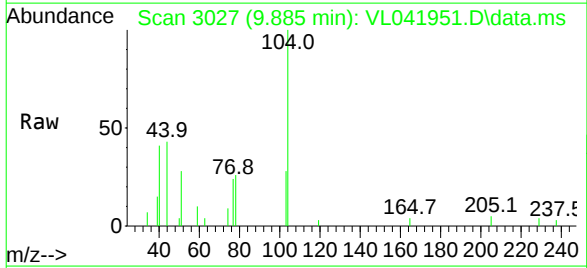
LOD-MDL-AIR-01-QT1-2025

Tgt Ion:104	Resp:	1265
Ion Ratio	Lower	Upper
104 100		
78 47.8	41.0	61.6
103 47.0	37.2	55.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#62

Isopropylbenzene

Concen: 0.082 ppbv

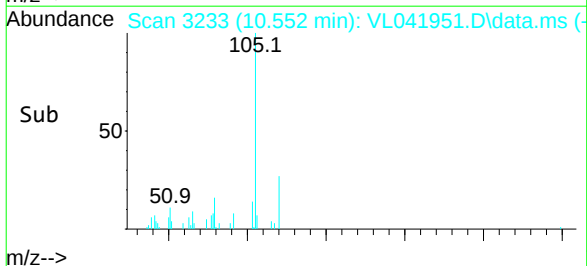
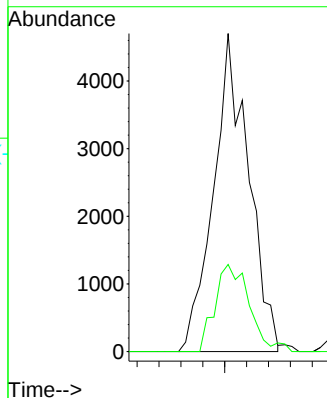
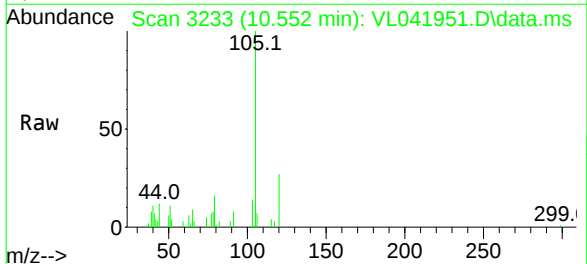
RT: 10.552 min Scan# 3233

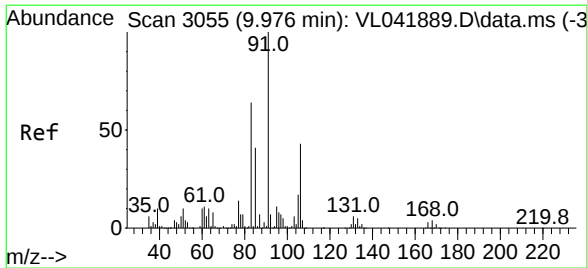
Delta R.T. -0.000 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

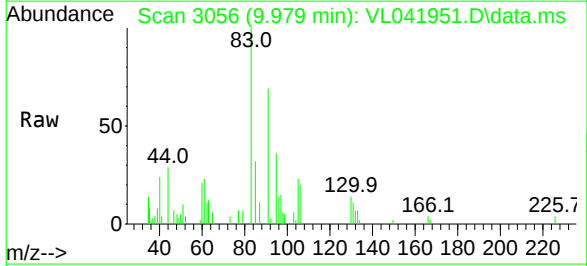
Tgt Ion:105	Resp:	5233
Ion Ratio	Lower	Upper
105 100		
120 26.9	20.3	30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.114 ppbv
RT: 9.979 min Scan# 3055
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

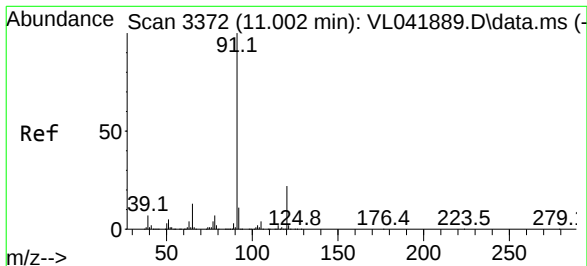
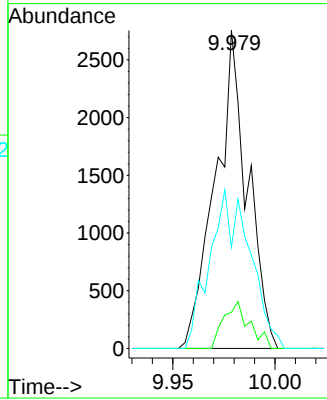
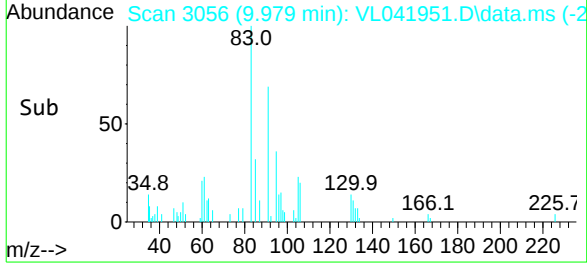
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



Tgt Ion: 83 Resp: 3007
Ion Ratio Lower Upper
83 100
131 11.8 4.8 14.4
85 62.7 32.4 97.2

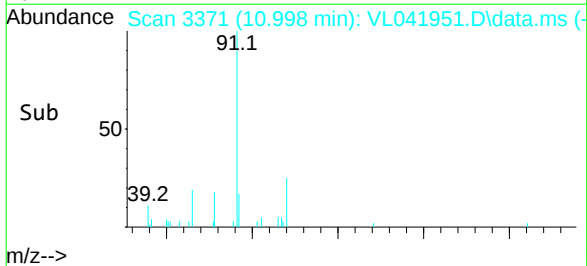
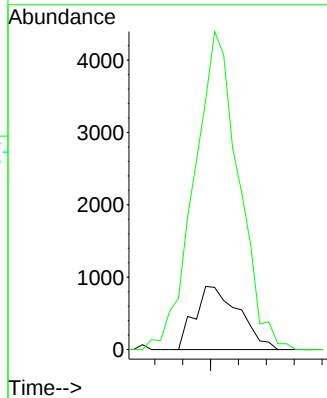
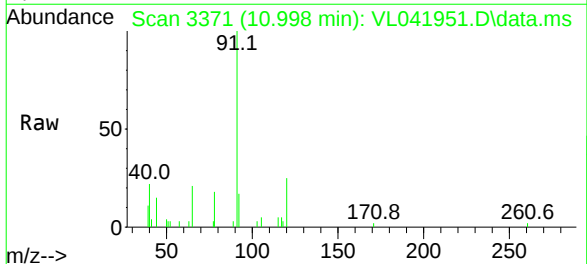
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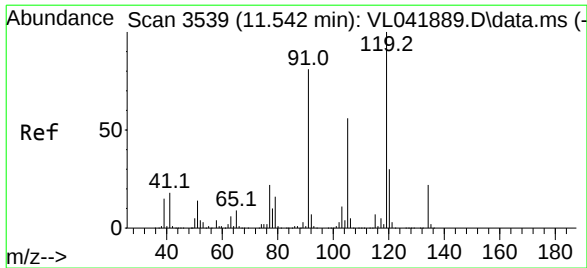
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#64
n-propylbenzene
Concen: 0.060 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Tgt Ion:120 Resp: 964
Ion Ratio Lower Upper
120 100
91 506.7 374.1 561.1





#65

tert-Butylbenzene

Concen: 0.050 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VL041951.D

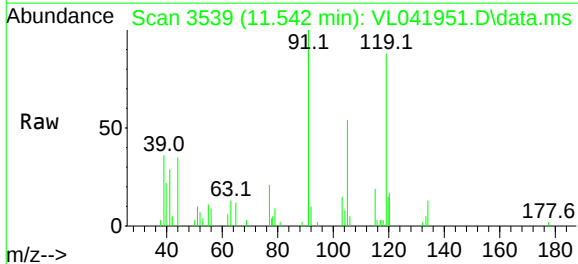
Acq: 27 Jan 2025 14:37

Instrument :

MSVOA_L

ClientSampleId :

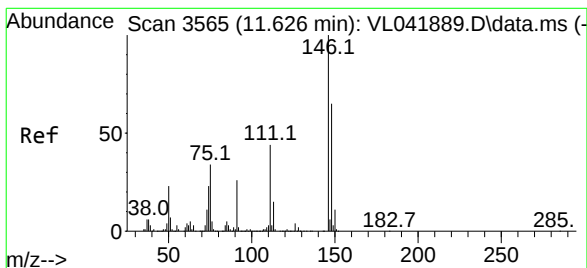
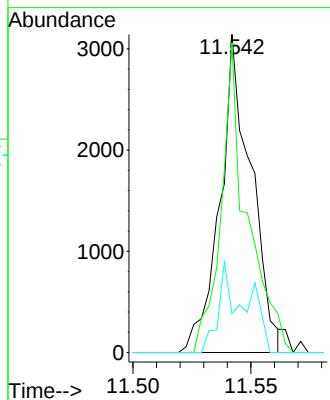
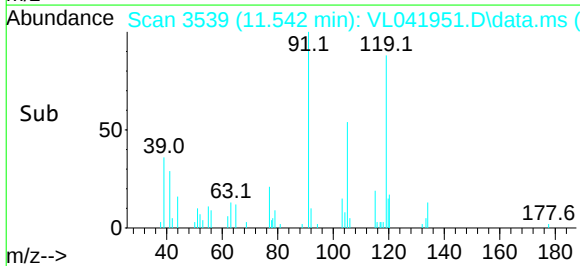
LOD-MDL-AIR-01-QT1-2025



Tgt Ion:	119	Resp:	2876
Ion	Ratio	Lower	Upper
119	100		
91	81.2	64.6	97.0
134	24.5	16.8	25.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#66

Benzyl Chloride

Concen: 0.121 ppbv m

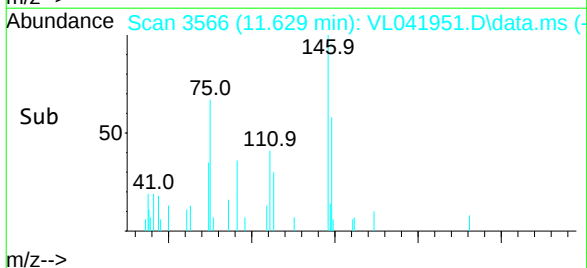
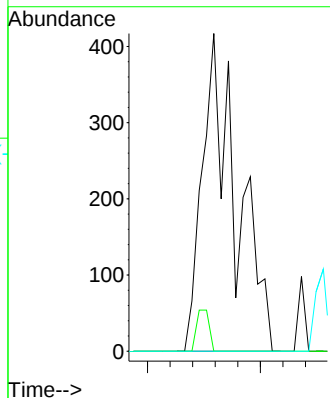
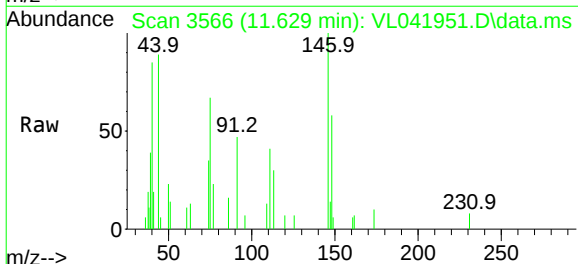
RT: 11.629 min Scan# 3566

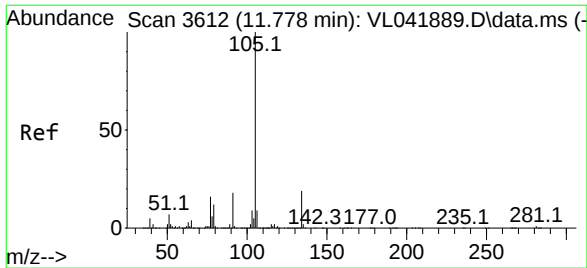
Delta R.T. 0.003 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Tgt Ion:	91	Resp:	435
Ion	Ratio	Lower	Upper
91	100		
126	4.8	14.1	21.1#
128	0.0	4.3	6.5#





#67

sec-Butylbenzene

Concen: 0.061 ppbv

RT: 11.781 min Scan# 3612

Delta R.T. 0.003 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Instrument :

MSVOA_L

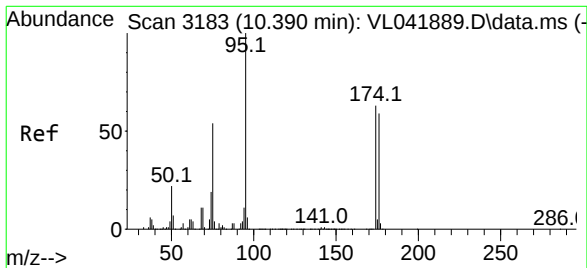
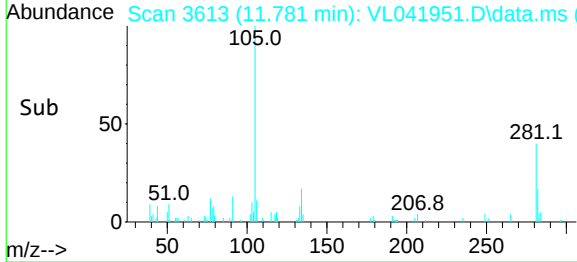
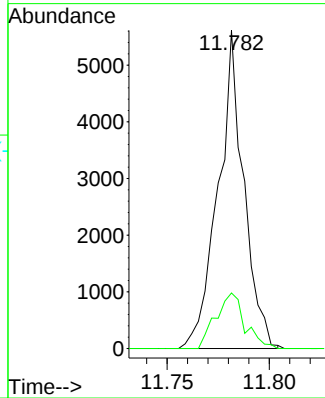
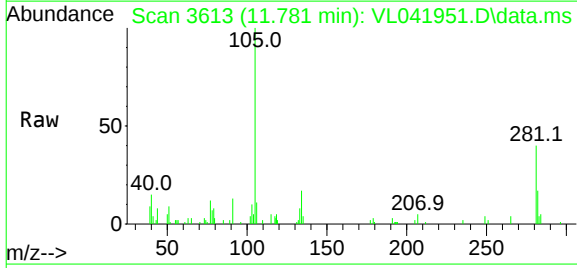
ClientSampleId :

LOD-MDL-AIR-01-QT1-2025

Tgt Ion: 105 Resp: 4891
 Ion Ratio Lower Upper
 105 100
 134 19.8 15.1 22.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#68

1-Bromo-4-Fluorobenzene

Concen: 9.642 ppbv

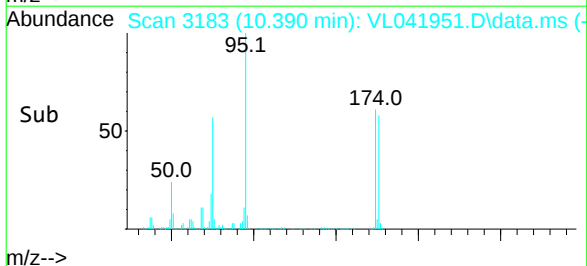
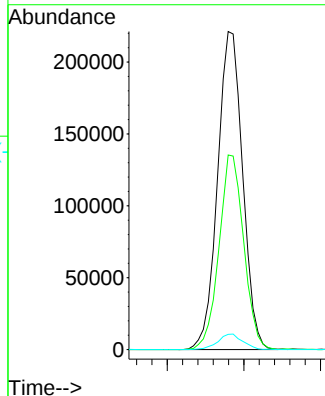
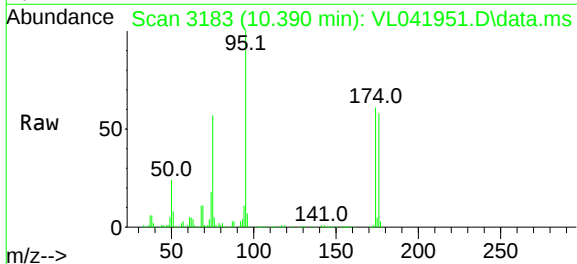
RT: 10.390 min Scan# 3183

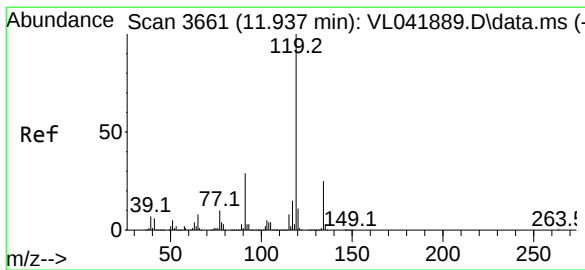
Delta R.T. -0.000 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Tgt Ion: 95 Resp: 251323
 Ion Ratio Lower Upper
 95 100
 174 60.4 49.0 73.4
 175 4.9 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.054 ppbv

RT: 11.943 min Scan# 3663

Delta R.T. 0.006 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Instrument :

MSVOA_L

ClientSampleId :

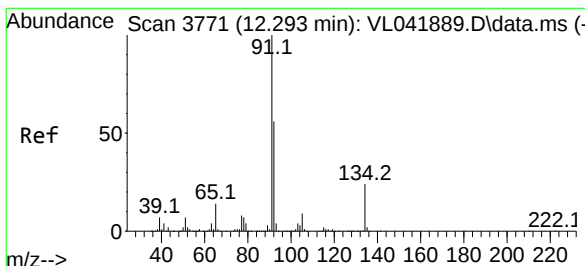
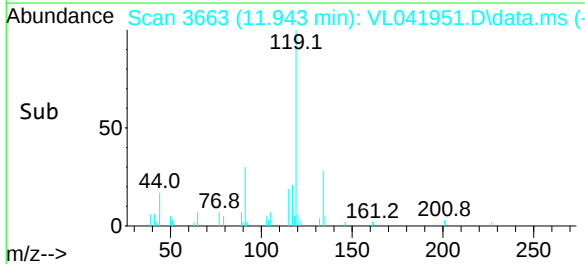
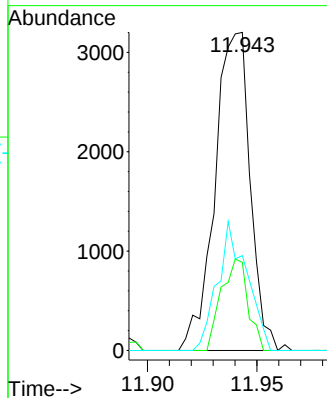
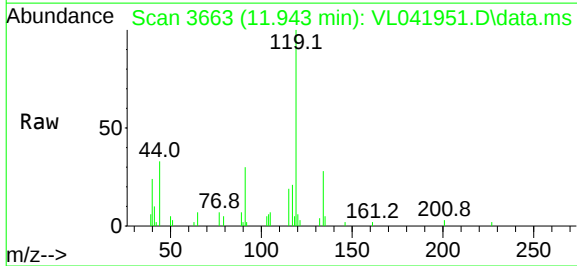
LOD-MDL-AIR-01-QT1-2025

Tgt	Ion:119	Resp:	3580
Ion	Ratio	Lower	Upper
119	100		
134	21.8	19.8	29.6
91	33.9	23.0	34.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#70

n-Butylbenzene

Concen: 0.050 ppbv

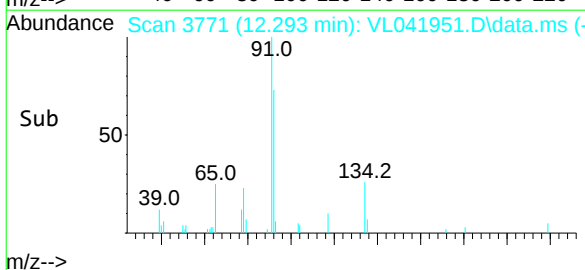
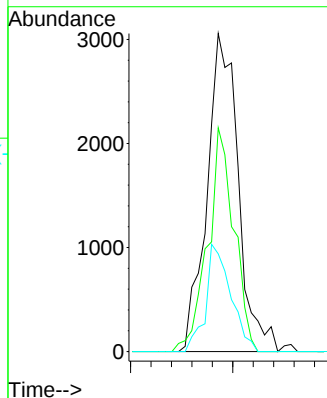
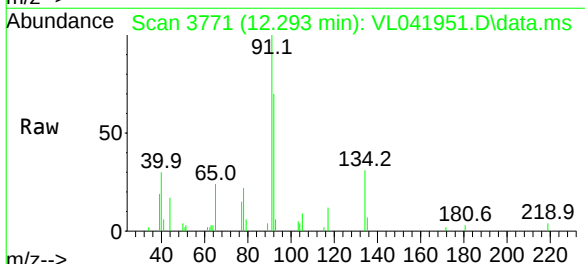
RT: 12.293 min Scan# 3771

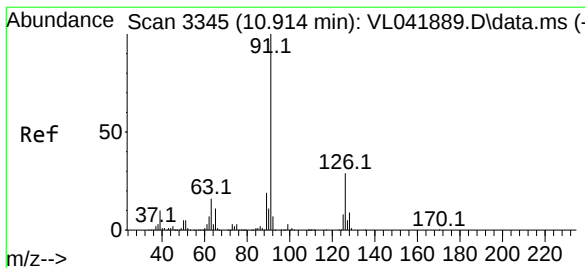
Delta R.T. -0.000 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Tgt	Ion: 91	Resp:	3251
Ion	Ratio	Lower	Upper
91	100		
92	58.9	43.8	65.6
134	26.9	19.0	28.6





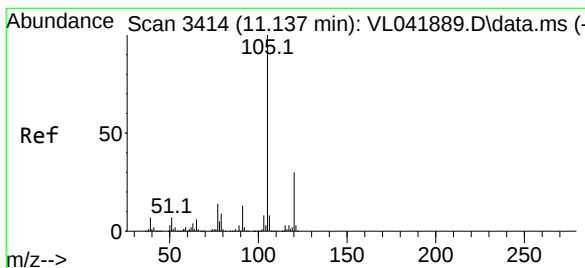
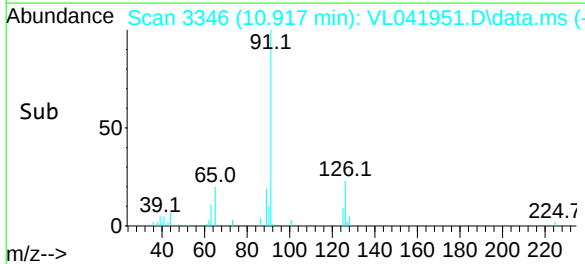
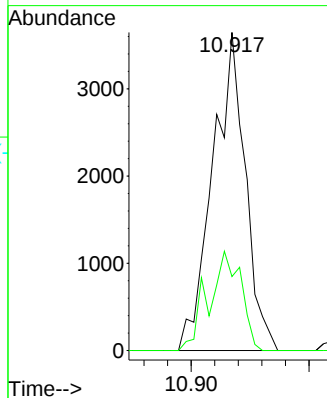
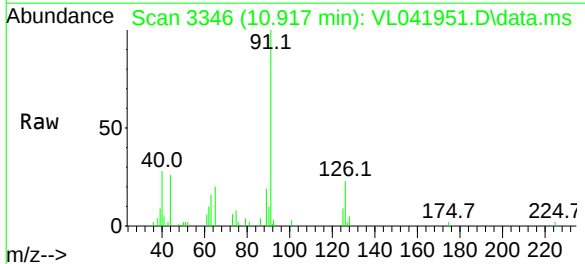
#71
2-Chlorotoluene
Concen: 0.075 ppbv
RT: 10.917 min Scan# 3345
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025

Tgt Ion: 91 Resp: 3509
Ion Ratio Lower Upper
91 100
126 31.2 11.7 46.7

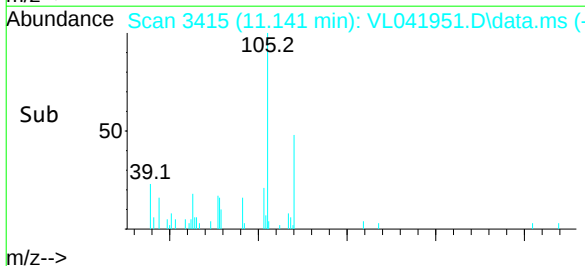
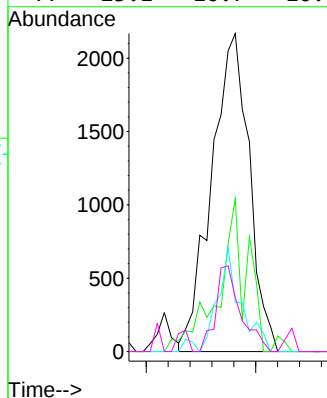
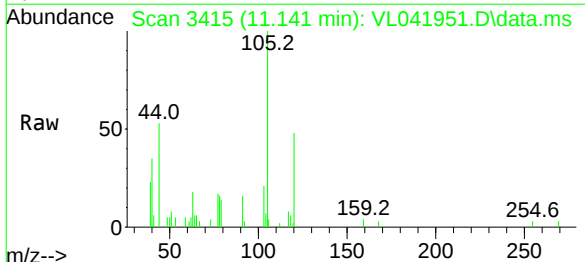
Manual Integrations
APPROVED

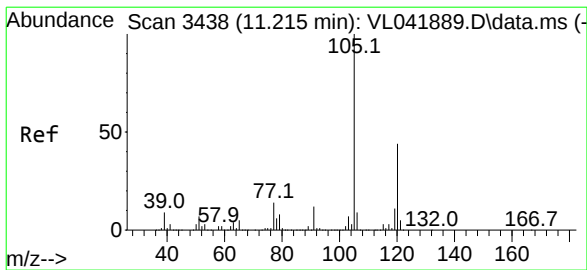
Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#72
4-Ethyltoluene
Concen: 0.053 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.003 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Tgt Ion:105 Resp: 2593
Ion Ratio Lower Upper
105 100
120 37.6 23.7 35.5#
91 20.9 10.2 15.2#
77 23.1 10.7 16.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.062 ppbv m

RT: 11.215 min Scan# 3438

Delta R.T. -0.000 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Instrument :

MSVOA_L

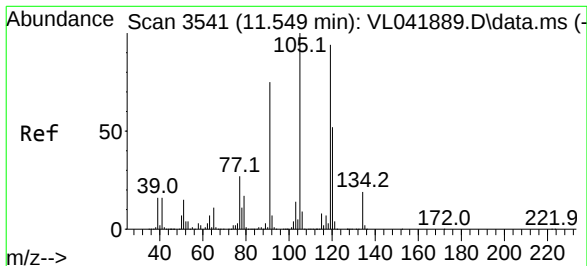
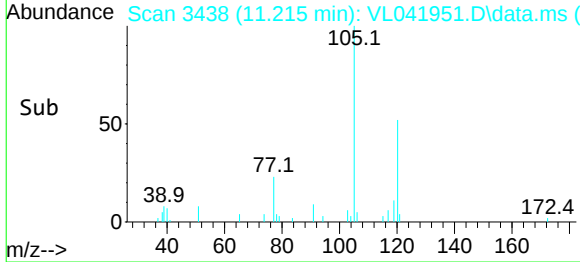
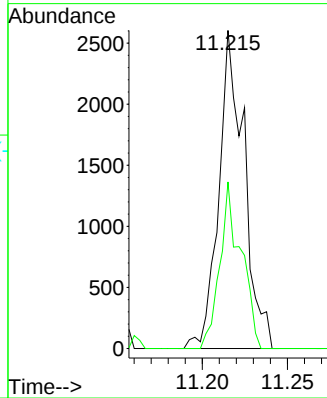
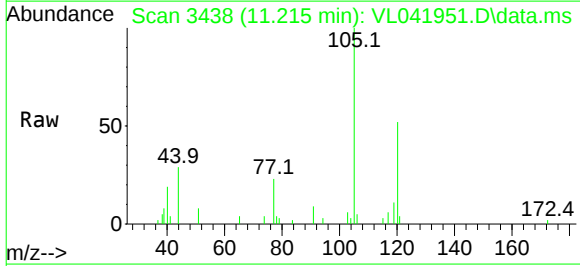
ClientSampleId :

LOD-MDL-AIR-01-QT1-2025

Tgt Ion:105 Resp: 2698
 Ion Ratio Lower Upper
 105 100
 120 52.4 35.4 53.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.057 ppbv

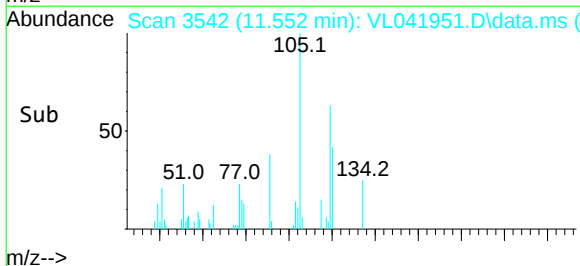
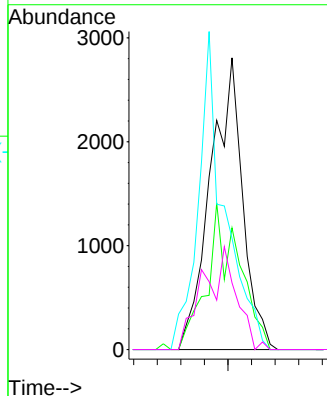
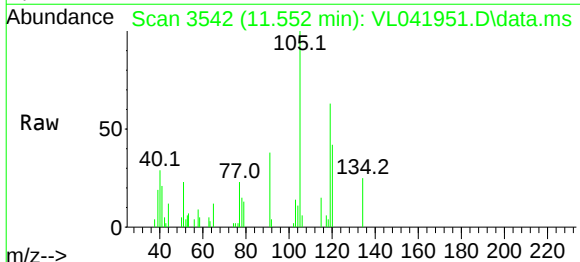
RT: 11.552 min Scan# 3542

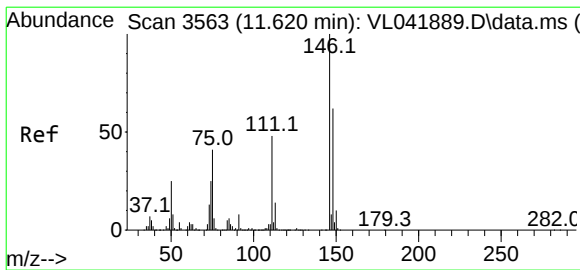
Delta R.T. 0.003 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

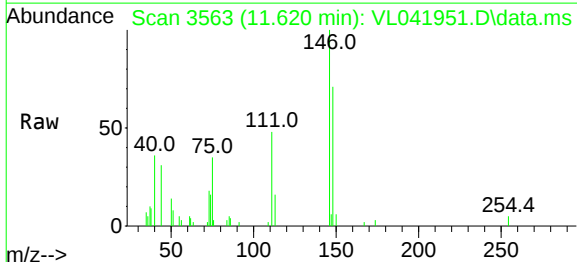
Tgt Ion:105 Resp: 2662
 Ion Ratio Lower Upper
 105 100
 120 41.7 41.4 62.2
 91 42.4 60.2 90.2#
 77 22.9 22.0 33.0





#75
 1,3-Dichlorobenzene
 Concen: 0.098 ppbv
 RT: 11.620 min Scan# 3563
 Delta R.T. -0.000 min
 Lab File: VL041951.D
 Acq: 27 Jan 2025 14:37

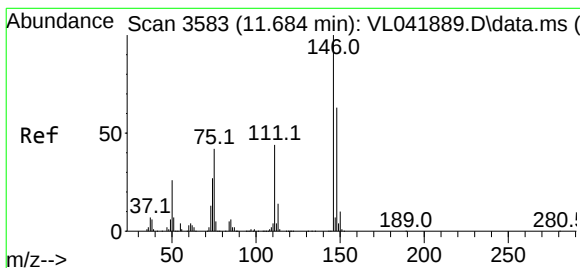
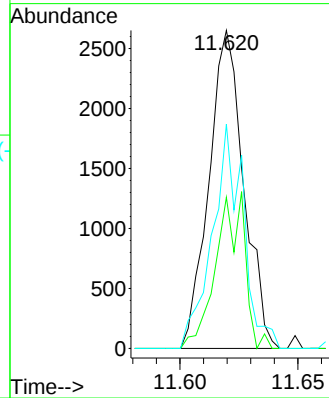
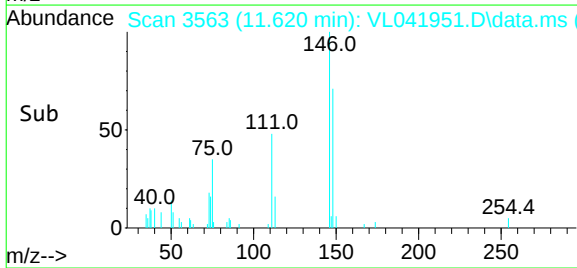
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2025



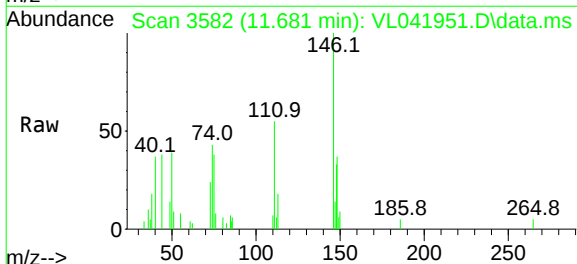
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	23.6	70.8
148	62.8	31.4	94.0

Manual Integrations
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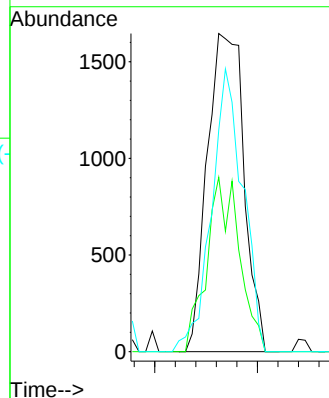
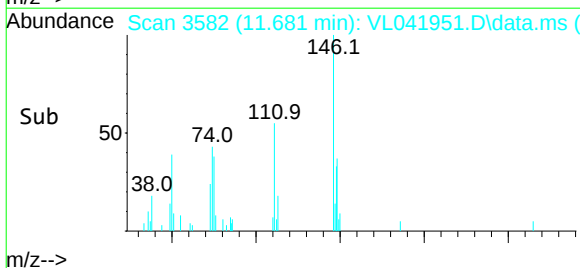
Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

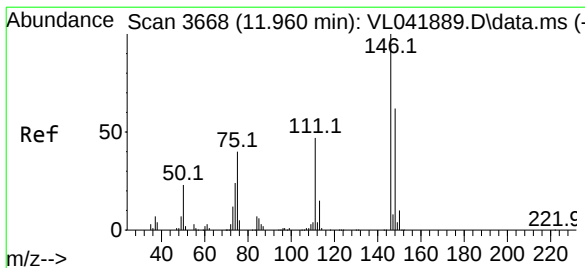


#76
 1,4-Dichlorobenzene
 Concen: 0.075 ppbv m
 RT: 11.681 min Scan# 3582
 Delta R.T. -0.003 min
 Lab File: VL041951.D
 Acq: 27 Jan 2025 14:37



Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.7	22.4	67.0
148	76.1	31.9	95.5





#77

1,2-Dichlorobenzene

Concen: 0.087 ppbv

RT: 11.960 min Scan# 3668

Delta R.T. -0.000 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Instrument :

MSVOA_L

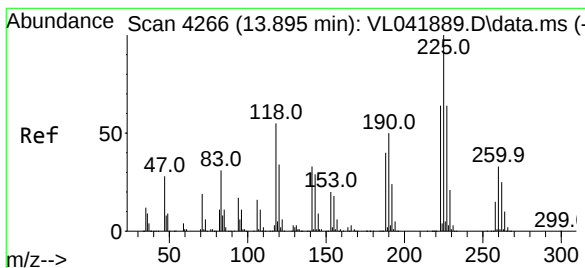
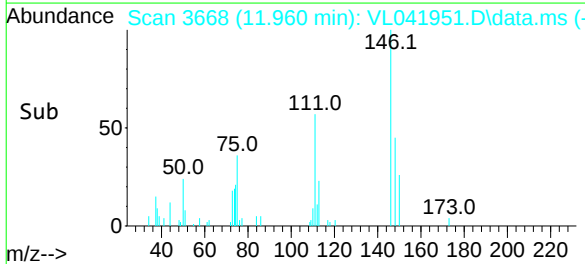
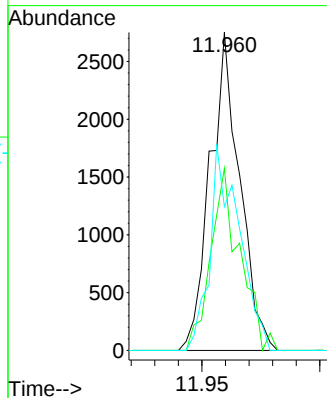
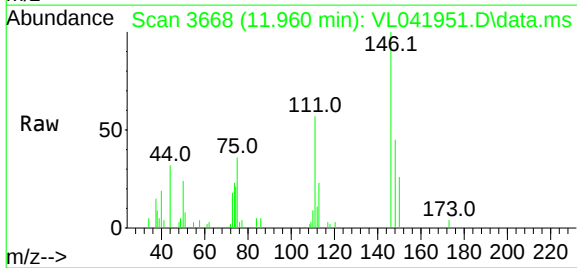
ClientSampleId :

LOD-MDL-AIR-01-QT1-2025

Tgt Ion	Ratio	Lower	Upper
146	100		
111	56.3	24.2	72.6
148	64.1	31.7	95.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#78

Hexachloro-1,3-Butadiene

Concen: 0.109 ppbv

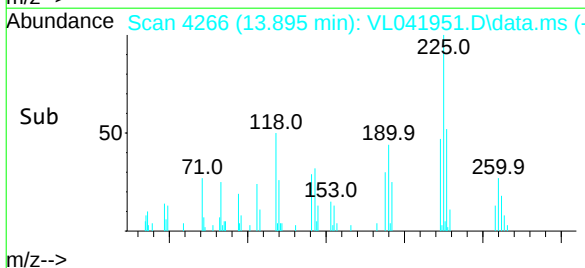
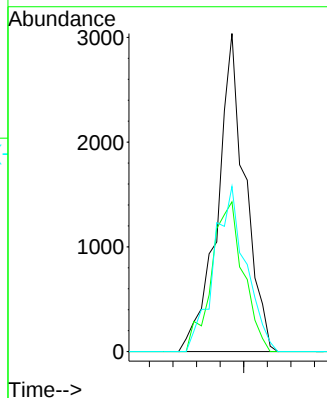
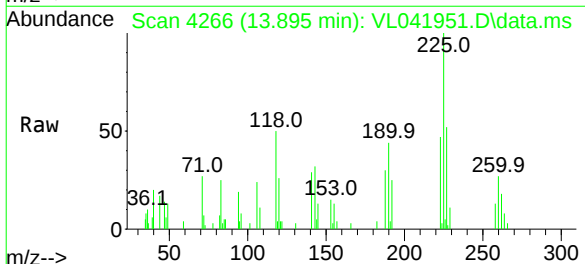
RT: 13.895 min Scan# 4266

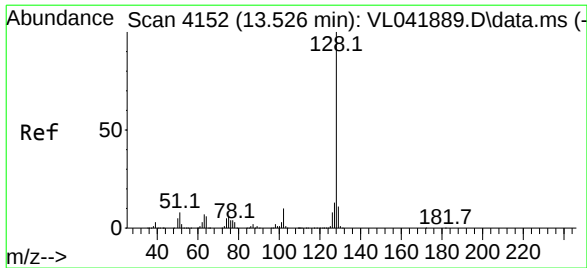
Delta R.T. -0.000 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	54.2	50.8	76.2
227	59.9	50.3	75.5





#79

Naphthalene

Concen: 0.044 ppbv

RT: 13.523 min Scan# 4152

Delta R.T. -0.003 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

Instrument :

MSVOA_L

ClientSampleId :

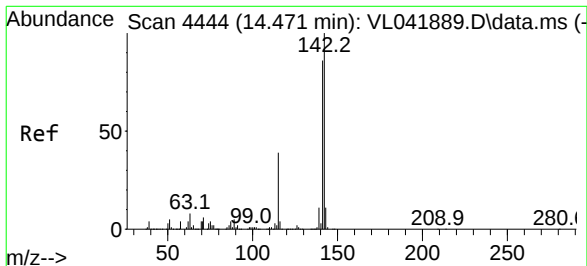
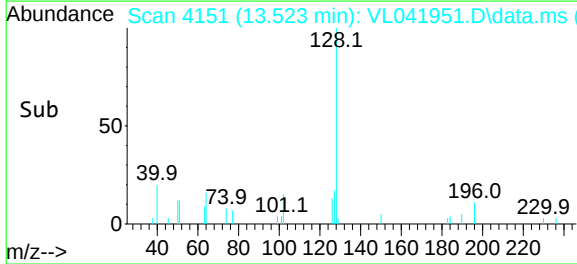
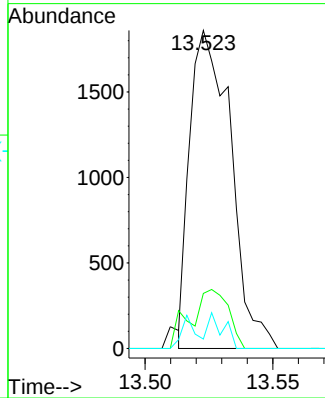
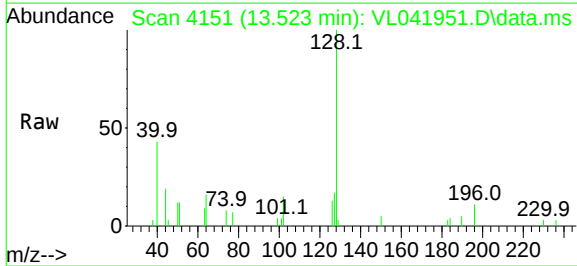
LOD-MDL-AIR-01-QT1-2025

Tgt Ion:	128	Resp:	2077
Ion Ratio	Lower	Upper	
128	100		
127	17.3	10.2	15.4#
129	3.0	9.1	13.7#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025



#80

Naphthalene, 2-methyl-

Concen: 0.021 ppbv m

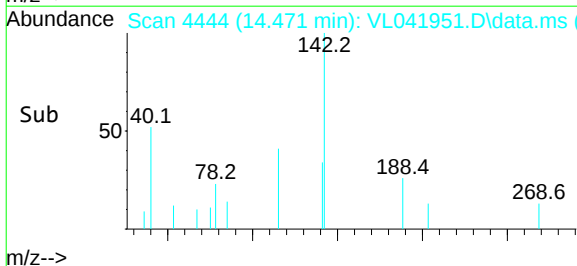
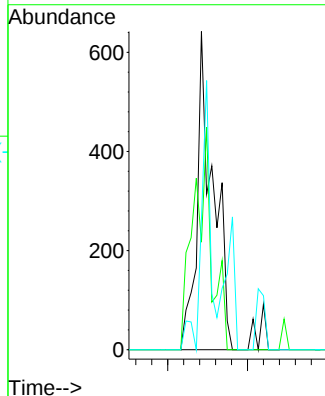
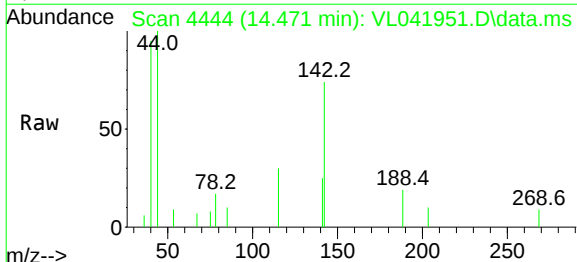
RT: 14.471 min Scan# 4444

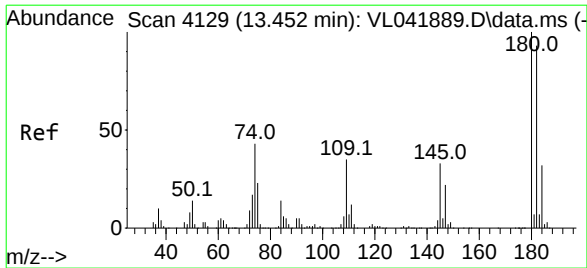
Delta R.T. -0.000 min

Lab File: VL041951.D

Acq: 27 Jan 2025 14:37

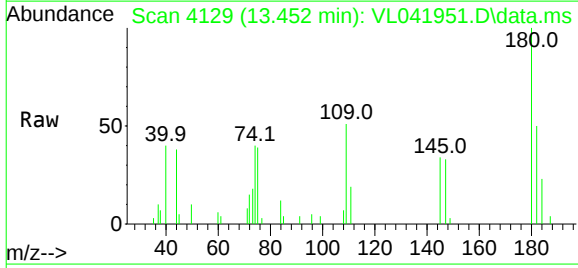
Tgt Ion:	142	Resp:	482
Ion Ratio	Lower	Upper	
142	100		
141	73.2	68.1	102.1
115	75.5	31.7	47.5#





#81
1,2,4-Trichlorobenzene
Concen: 0.072 ppbv
RT: 13.452 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041951.D
Acq: 27 Jan 2025 14:37

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2025



Tgt Ion:	180	Resp:	1665
Ion Ratio	Lower	Upper	
180	100		
182	79.8	77.0	115.6
184	27.9	24.9	37.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
Supervised By :Mahesh Dadoda 01/30/2025

