

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
 Data File : VL042520.D
 Acq On : 07 May 2025 16:13
 Operator : SY/MD
 Sample : MDL3 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 08 01:39:31 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

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

QLast Update : Fri May 02 03:16:31 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	73701	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	184391	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.888	117	155897	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.384 95 145904 10.094 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	6215	0.510	ppbv	89
3) Chlorodifluoromethane	1.476	51	6176	0.479	ppbv	93
4) Chloromethane	1.535	50	2745	0.538	ppbv	91
5) Vinyl Chloride	1.580	62	2227	0.434	ppbv	100
6) Bromomethane	1.667	94	1434	0.591	ppbv #	69
7) Chloroethane	1.703	64	1058	0.558	ppbv	89
8) Dichlorotetrafluoroethane	1.554	85	4882	0.486	ppbv	98
9) Propene	1.483	41	1629	0.386	ppbv	93
10) Heptane	4.985	43	3458m	0.316	ppbv	
11) Trichlorofluoromethane	1.878	101	5930m	0.527	ppbv	
12) 1,1,2-Trichlorotrifluo...	2.140	101	4322	0.481	ppbv	98
13) Ethanol	1.722	45	656m	0.766	ppbv	
14) Bromoethene	1.781	108	1510	0.455	ppbv #	89
15) Acetone	1.836	43	7682	0.571	ppbv #	89
16) 1,3-Butadiene	1.609	39	3435	0.579	ppbv	95
17) tert-Butyl alcohol	2.043	59	5019	0.423	ppbv #	80
18) 1,1-Dichloroethene	2.036	96	2206m	0.526	ppbv	
19) Isopropyl Alcohol	1.887	45	3835	0.515	ppbv #	1
20) Methylene Chloride	2.062	84	2237	0.553	ppbv #	66
21) Allyl Chloride	2.095	41	3608	0.417	ppbv #	77
22) trans-1,2-Dichloroethene	2.344	96	2037m	0.416	ppbv	
23) Vinyl Acetate	2.464	43	5176	0.403	ppbv #	98
24) 1,1-Dichloroethane	2.409	63	4717	0.472	ppbv	98
25) Ethyl Acetate	2.842	43	7439	0.345	ppbv #	96
26) Hexane	2.826	57	2946	0.314	ppbv #	80
27) Carbon Disulfide	2.153	76	5316	0.485	ppbv #	21
28) Methyl tert-Butyl Ether	2.447	73	2887	0.512	ppbv	98
29) Chloroform	2.849	83	8362	0.475	ppbv	99
30) Cyclohexane	3.862	84	2083m	0.265	ppbv	
31) cis-1,2-Dichloroethene	2.722	61	3715	0.339	ppbv	90
32) 1,1,1-Trichloroethane	3.373	97	7718	0.405	ppbv	94
34) 2-Butanone	2.564	43	6111	0.458	ppbv	95
35) Carbon Tetrachloride	3.765	117	8820	0.527	ppbv #	81
36) Benzene	3.658	78	6473	0.372	ppbv	96
37) 1,2-Dichloroethane	3.218	62	6239m	0.465	ppbv	
38) Trichloroethene	4.558	130	3009m	0.453	ppbv	
39) 1,2-Dichloropropane	4.318	63	3458m	0.531	ppbv	
40) 1,4-Dioxane	4.632	88	1082m	0.355	ppbv	
41) Tetrahydrofuran	3.069	42	2194m	0.346	ppbv	
42) Bromodichloromethane	4.496	83	8092m	0.494	ppbv	
43) Methyl Methacrylate	4.897	69	2079m	0.320	ppbv	
44) 2,2,4-Trimethylpentane	4.655	57	10098m	0.358	ppbv	
45) t-1,3-Dichloropropene	6.432	75	3126m	0.367	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050725\
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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 08 01:39:31 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

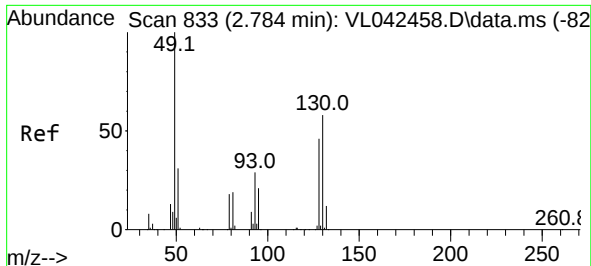
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 02 03:16:31 2025

Response via : Initial Calibration

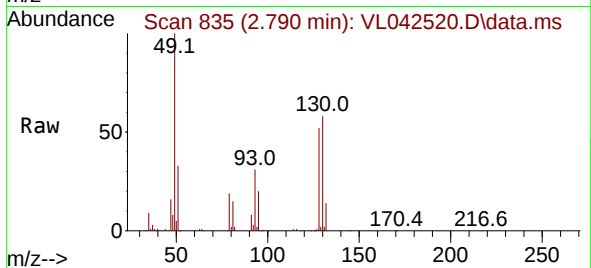
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	3234m	0.319	ppbv	
47) 1,1,2-Trichloroethane	6.597	97	3496m	0.489	ppbv	
48) Dibromochloromethane	7.396	129	4689m	0.389	ppbv	
49) Bromoform	9.494	173	3991	0.395	ppbv	91
50) 4-Methyl-2-Pentanone	5.781	43	5540m	0.328	ppbv	
51) 2-Hexanone	7.458	43	3974m	0.295	ppbv	
52) Tetrachloroethene	8.238	164	2256m	0.341	ppbv	
53) Toluene	6.943	91	4842m	0.263	ppbv	
54) 1,2-Dibromoethane	7.665	107	3765m	0.345	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.937	131	5540m	0.602	ppbv	
57) Chlorobenzene	8.924	112	7766m	0.496	ppbv	
58) Ethyl Benzene	9.361	91	6764m	0.260	ppbv	
59) m/p-Xylene	9.558	91	10600m	0.485	ppbv	
60) o-Xylene	9.969	91	5511m	0.252	ppbv	
61) Styrene	9.882	104	2128m	0.261	ppbv	
62) Isopropylbenzene	10.542	105	9764	0.310	ppbv	94
63) 1,1,2,2-Tetrachloroethane	9.969	83	7375	0.489	ppbv	91
64) n-propylbenzene	10.995	120	1901	0.247	ppbv	81
65) tert-Butylbenzene	11.536	119	7121	0.253	ppbv	97
66) Benzyl Chloride	11.617	91	1510	0.464	ppbv #	92
67) sec-Butylbenzene	11.775	105	10559	0.264	ppbv	99
69) p-Isopropyltoluene	11.934	119	8016	0.238	ppbv	93
70) n-Butylbenzene	12.290	91	8281	0.238	ppbv	98
71) 2-Chlorotoluene	10.905	91	6370	0.257	ppbv	93
72) 4-Ethyltoluene	11.128	105	6217	0.241	ppbv #	89
73) 1,3,5-Trimethylbenzene	11.212	105	5594	0.247	ppbv	94
74) 1,2,4-Trimethylbenzene	11.542	105	6753	0.246	ppbv #	96
75) 1,3-Dichlorobenzene	11.610	146	6344	0.415	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	5258	0.364	ppbv	96
77) 1,2-Dichlorobenzene	11.953	146	6115	0.409	ppbv	97
78) Hexachloro-1,3-Butadiene	13.886	225	6511	0.436	ppbv	93
79) Naphthalene	13.520	128	3870	0.168	ppbv #	71
80) Naphthalene,2-methyl-	14.471	142	519	0.030	ppbv #	54
81) 1,2,4-Trichlorobenzene	13.452	180	2213	0.180	ppbv	96

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

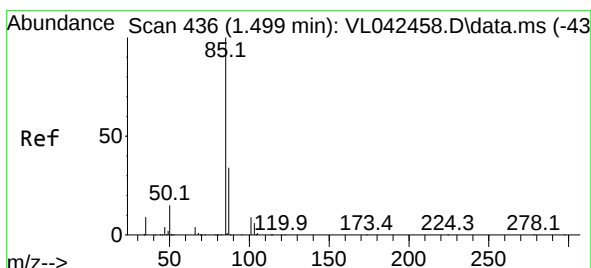
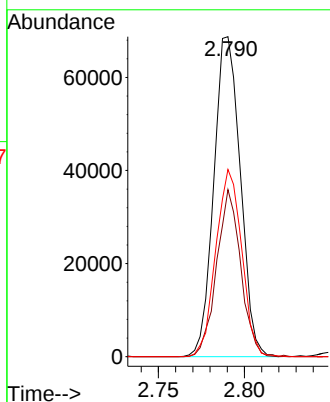
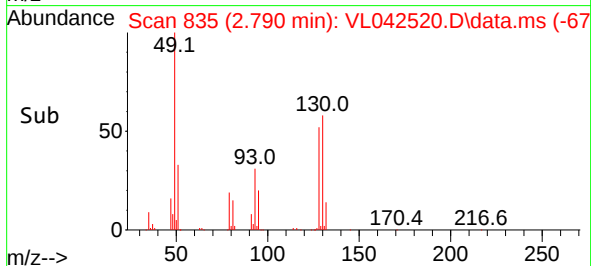
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 49 Resp: 7370
Ion Ratio Lower Upper
49 100
128 47.4 23.3 69.9
130 57.2 29.5 88.6

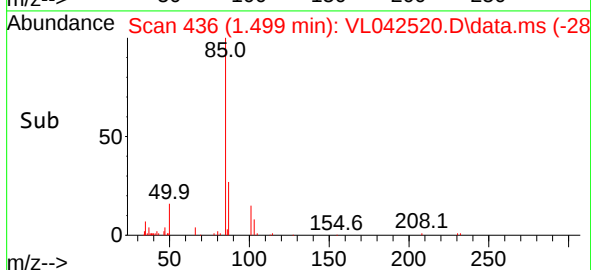
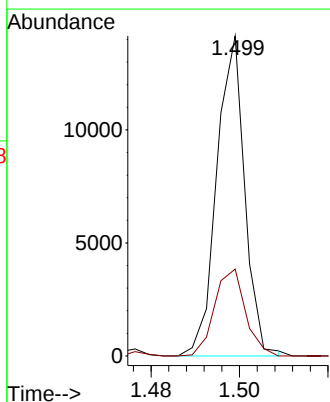
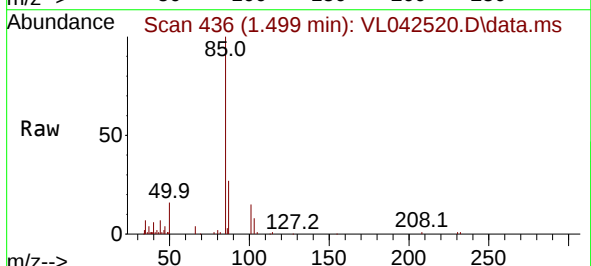
Manual Integrations
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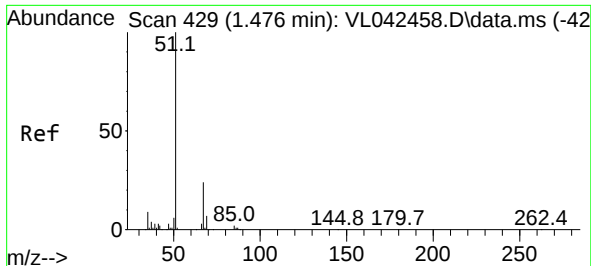
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#2
Dichlorodifluoromethane
Concen: 0.510 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

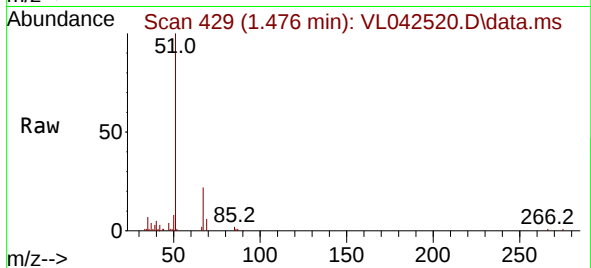
Tgt Ion: 85 Resp: 6215
Ion Ratio Lower Upper
85 100
87 27.2 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.479 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

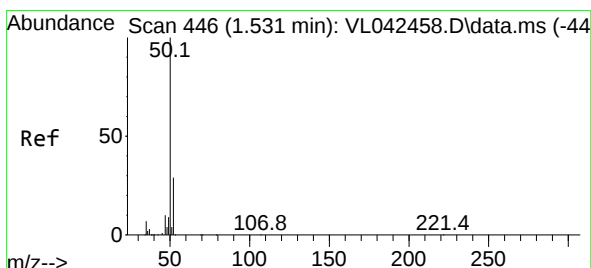
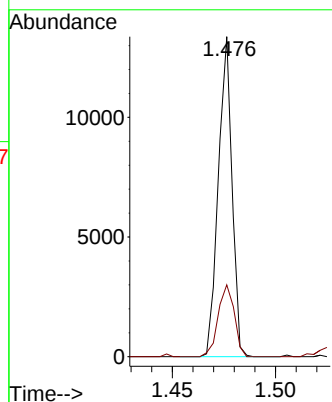
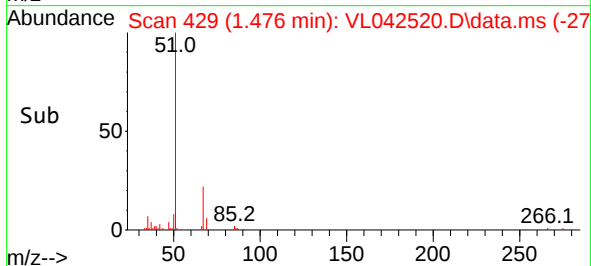
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



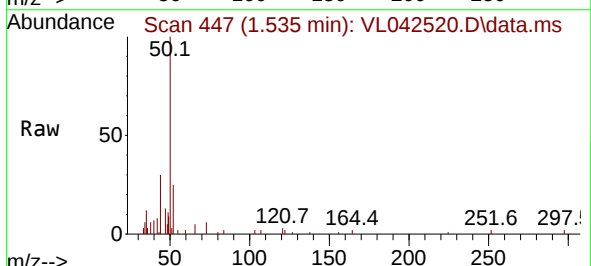
Tgt Ion: 51 Resp: 6170
Ion Ratio Lower Upper
51 100
67 26.5 18.4 27.6

Manual Integrations
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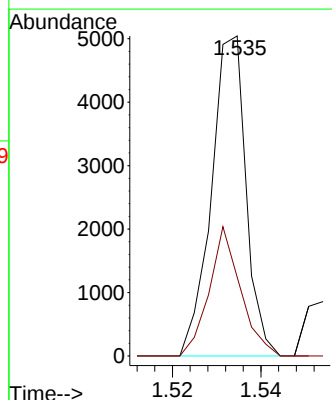
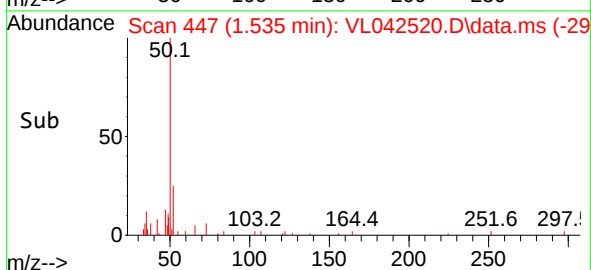
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

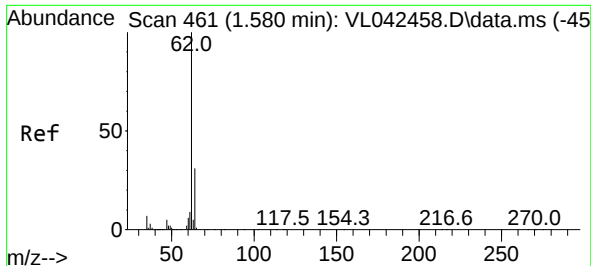


#4
Chloromethane
Concen: 0.538 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



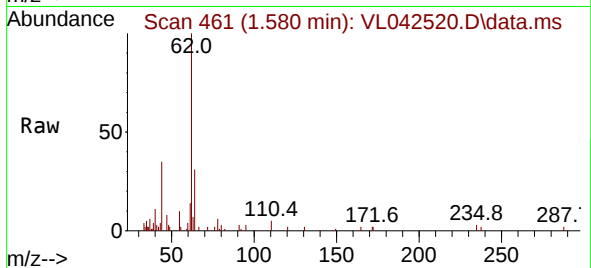
Tgt Ion: 50 Resp: 2745
Ion Ratio Lower Upper
50 100
52 24.6 23.5 35.3





#5
 Vinyl Chloride
 Concen: 0.434 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

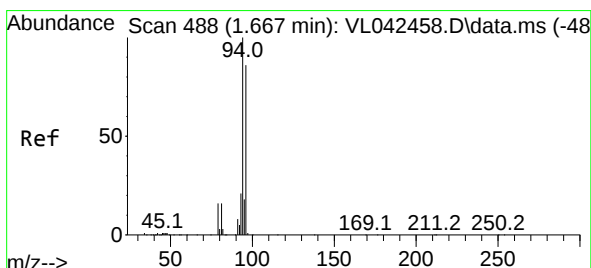
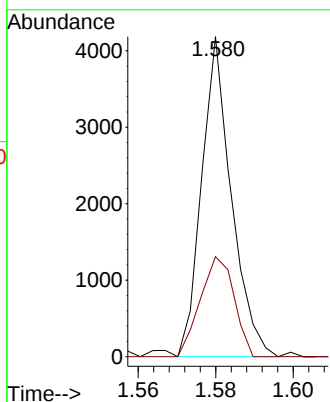
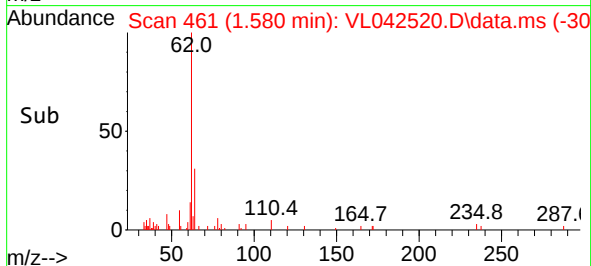
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40



Tgt Ion: 62 Resp: 222
 Ion Ratio Lower Upper
 62 100
 64 31.2 24.9 37.3

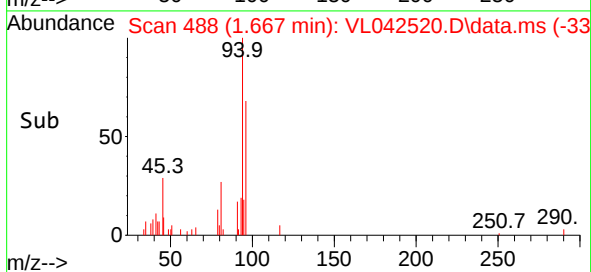
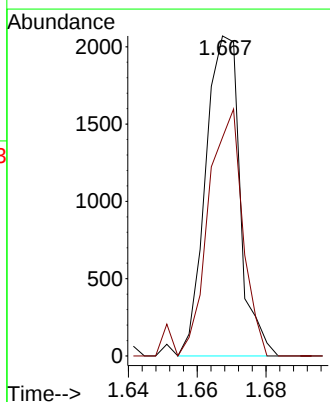
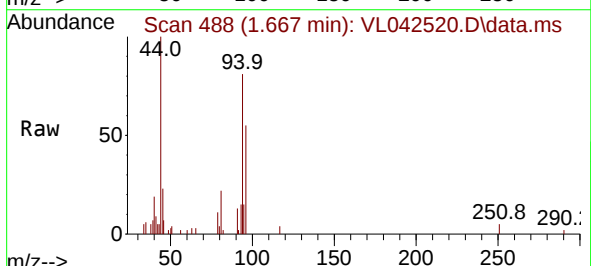
Manual Integrations
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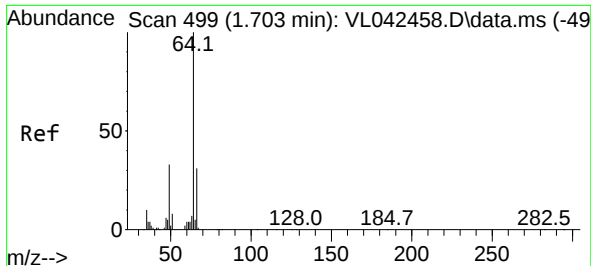
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#6
 Bromomethane
 Concen: 0.591 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

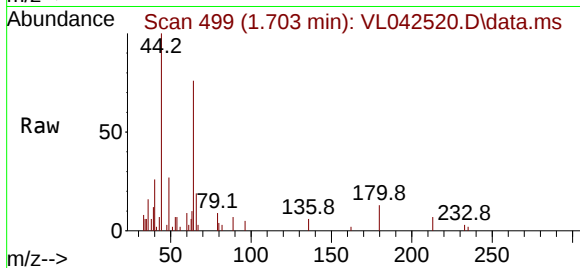
Tgt Ion: 94 Resp: 1434
 Ion Ratio Lower Upper
 94 100
 96 57.9 68.8 103.2#





#7
Chloroethane
Concen: 0.558 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

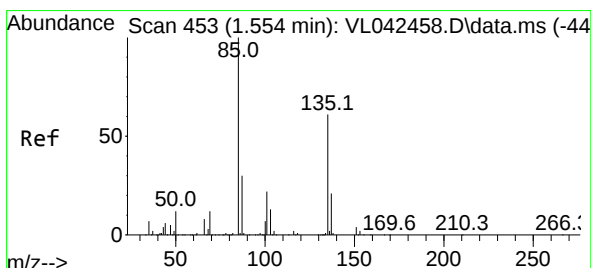
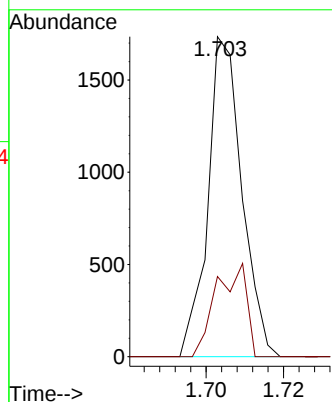
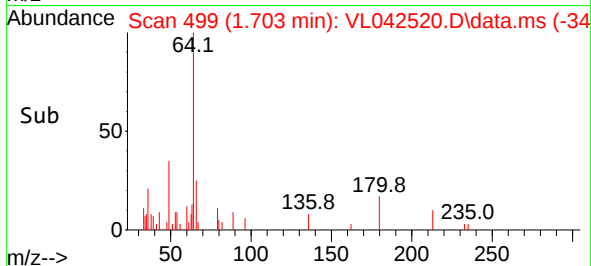
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



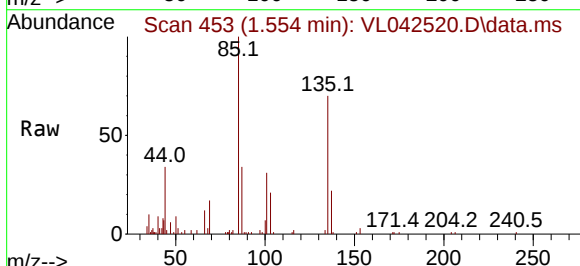
Tgt Ion: 64 Resp: 1058
Ion Ratio Lower Upper
64 100
66 25.1 25.0 37.4

Manual Integrations
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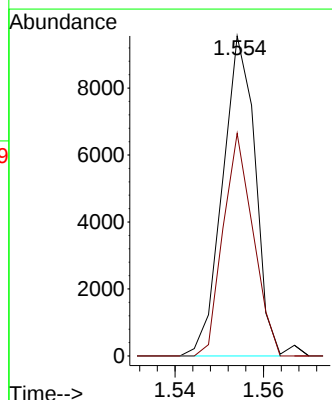
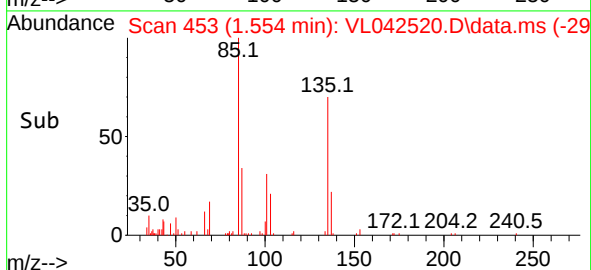
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

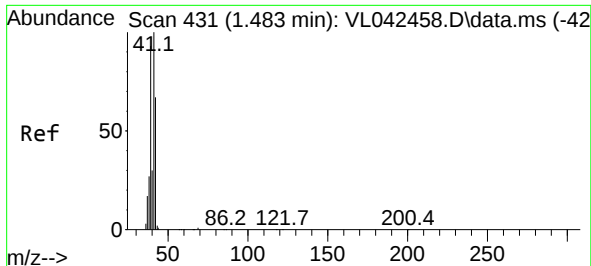


#8
Dichlorotetrafluoroethane
Concen: 0.486 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



Tgt Ion: 85 Resp: 4882
Ion Ratio Lower Upper
85 100
135 64.1 49.8 74.8





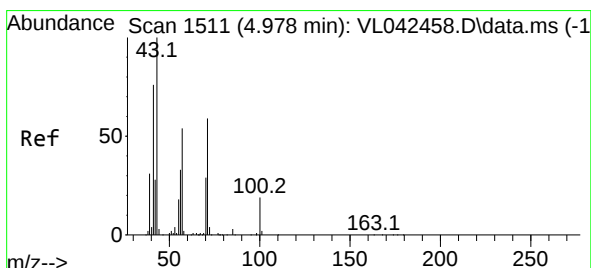
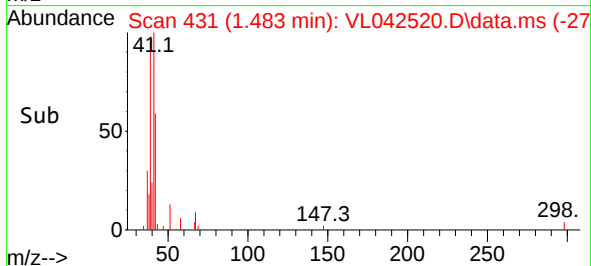
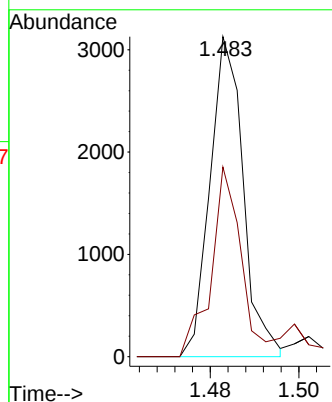
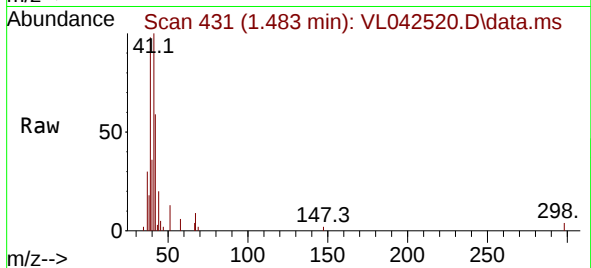
#9
 Propene
 Concen: 0.386 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40

Tgt Ion: 41 Resp: 1629
 Ion Ratio Lower Upper
 41 100
 42 73.9 54.3 81.5

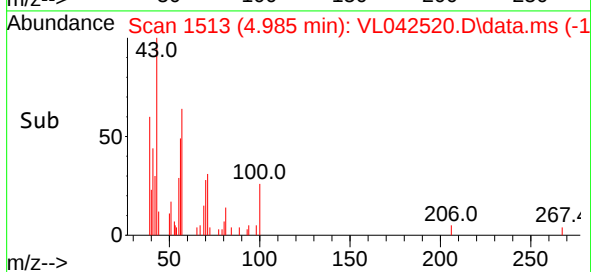
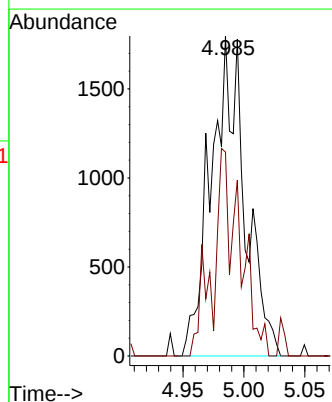
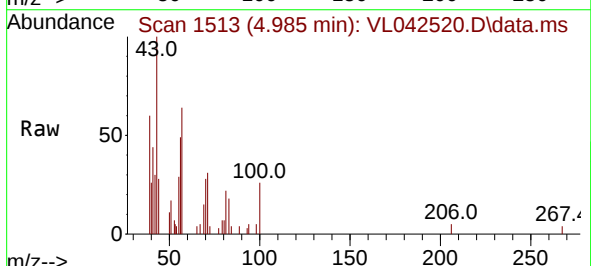
Manual Integrations
 APPROVED

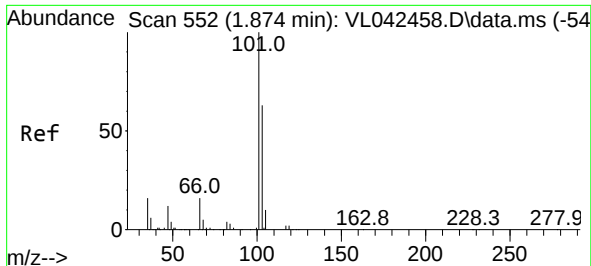
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#10
 Heptane
 Concen: 0.316 ppbv m
 RT: 4.985 min Scan# 1513
 Delta R.T. 0.007 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

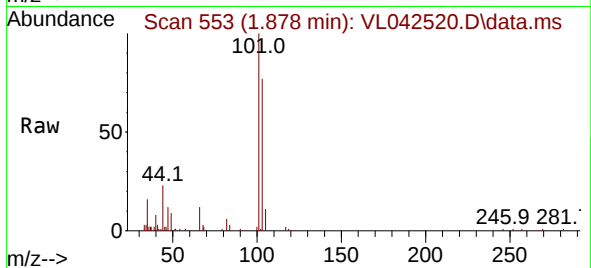
Tgt Ion: 43 Resp: 3458
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.8 62.8#





#11
Trichlorofluoromethane
Concen: 0.527 ppbv m
RT: 1.878 min Scan# 511
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

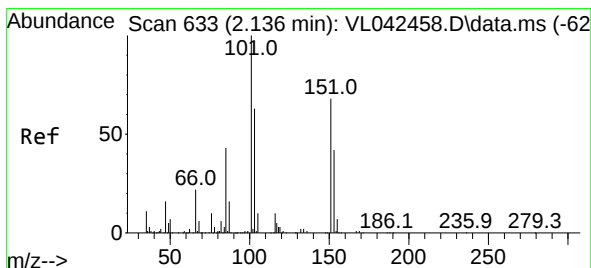
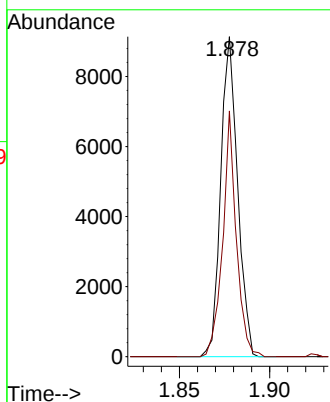
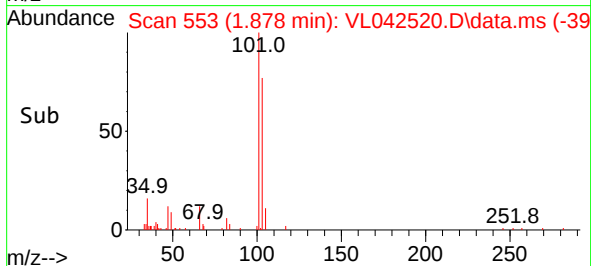
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



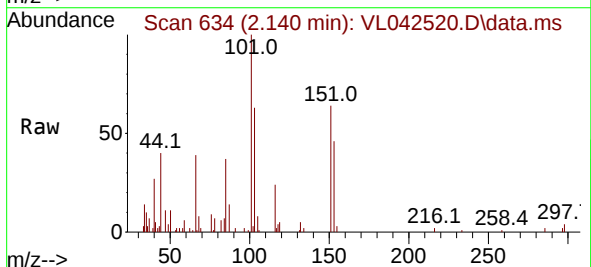
Tgt Ion:101 Resp: 5930
Ion Ratio Lower Upper
101 100
103 76.8 50.6 76.0

Manual Integrations
APPROVED

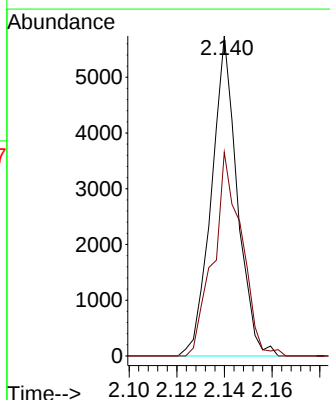
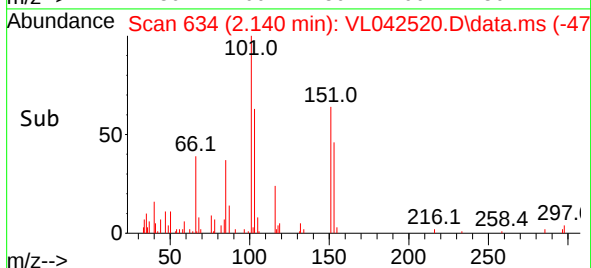
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

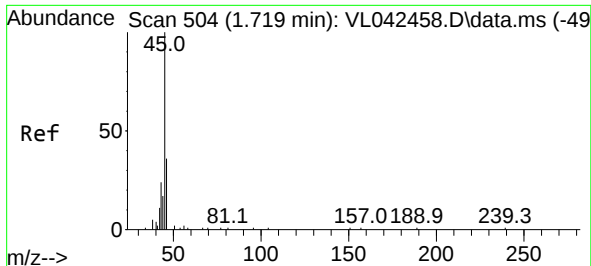


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.481 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



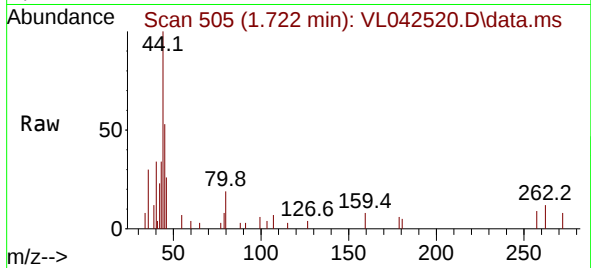
Tgt Ion:101 Resp: 4322
Ion Ratio Lower Upper
101 100
151 69.8 54.6 82.0





#13
Ethanol
Concen: 0.766 ppbv m
RT: 1.722 min Scan# 504
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

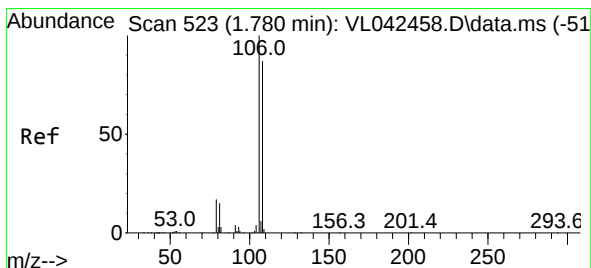
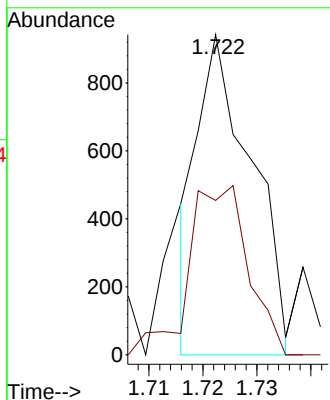
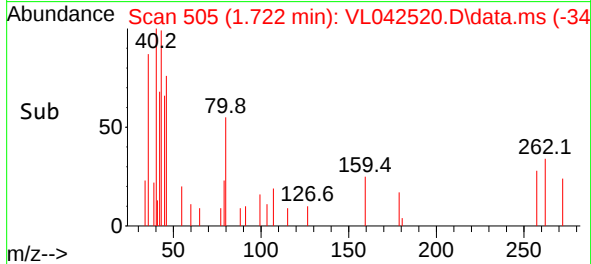
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



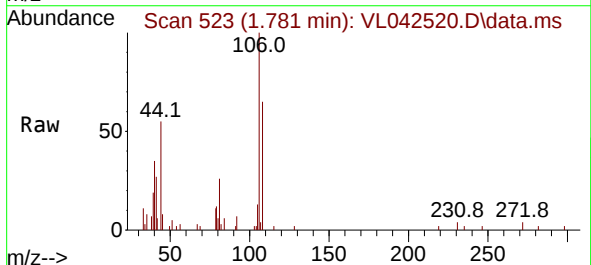
Tgt Ion: 45 Resp: 650
Ion Ratio Lower Upper
45 100
46 59.9 15.3 61.1

Manual Integrations
APPROVED

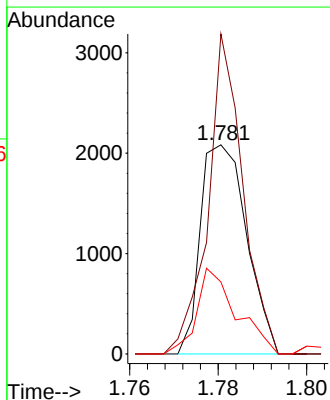
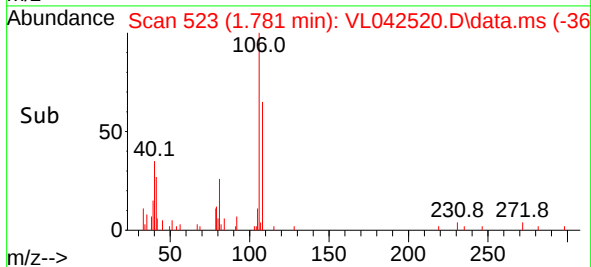
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

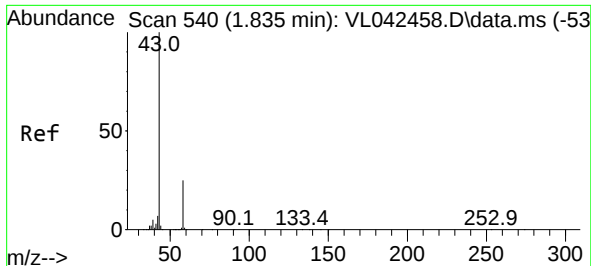


#14
Bromoethene
Concen: 0.455 ppbv
RT: 1.781 min Scan# 523
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



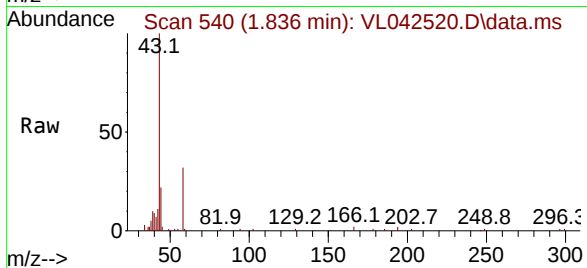
Tgt Ion:108 Resp: 1510
Ion Ratio Lower Upper
108 100
106 115.2 88.8 133.2
79 44.1 17.1 25.7#





#15
Acetone
Concen: 0.571 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

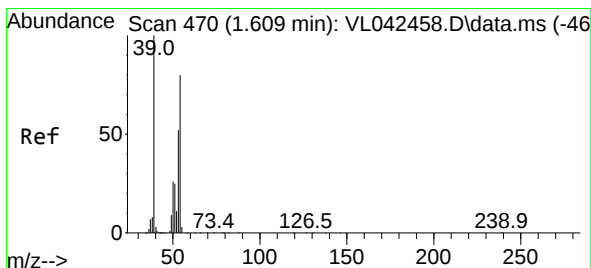
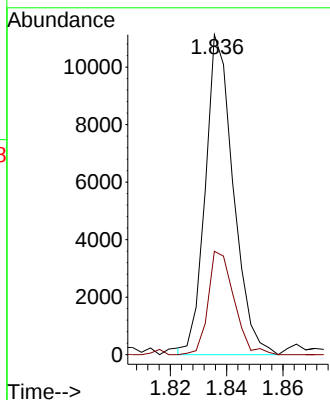
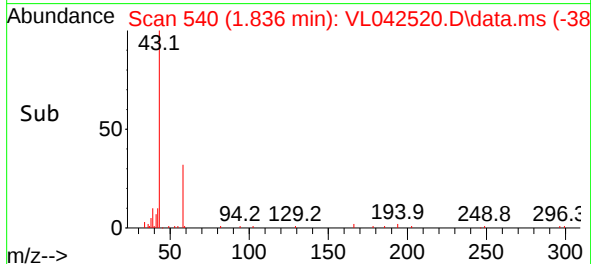
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



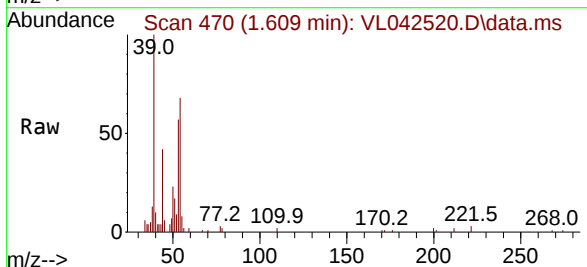
Tgt Ion: 43 Resp: 7682
Ion Ratio Lower Upper
43 100
58 30.4 19.8 29.8

Manual Integrations
APPROVED

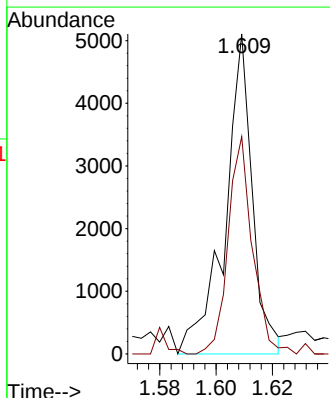
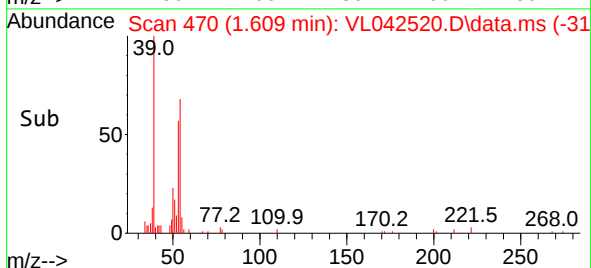
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

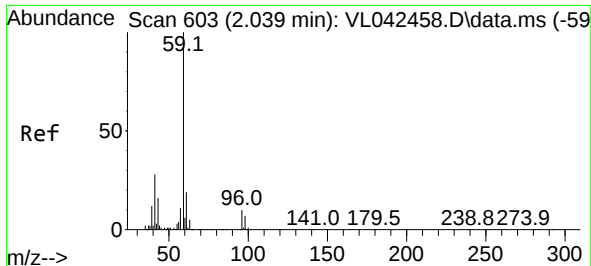


#16
1,3-Butadiene
Concen: 0.579 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



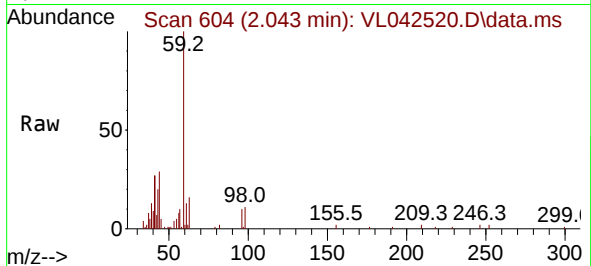
Tgt Ion: 39 Resp: 3435
Ion Ratio Lower Upper
39 100
54 64.7 55.2 82.8





#17
tert-Butyl alcohol
Concen: 0.423 ppbv
RT: 2.043 min Scan# 603
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

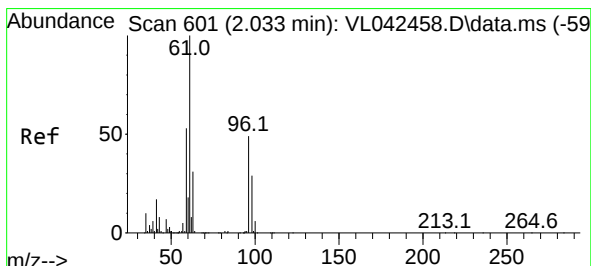
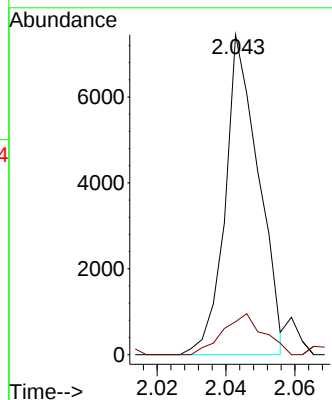
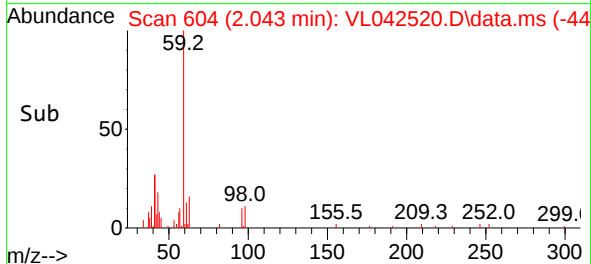
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



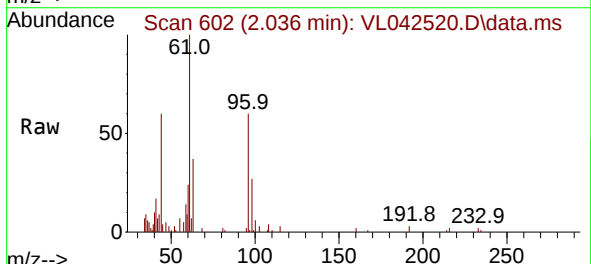
Tgt Ion: 59 Resp: 5019
Ion Ratio Lower Upper
59 100
57 17.7 8.3 12.5

Manual Integrations
APPROVED

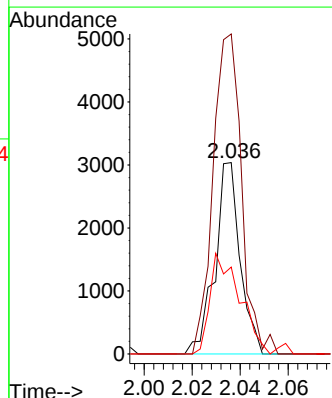
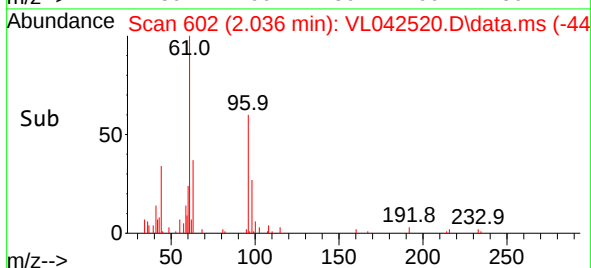
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

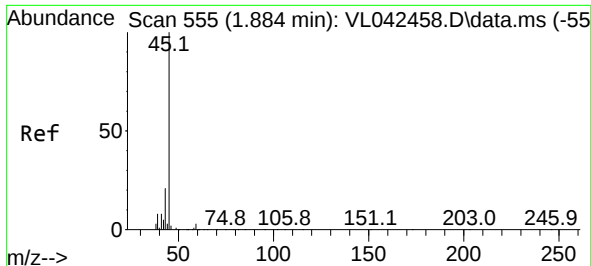


#18
1,1-Dichloroethene
Concen: 0.526 ppbv m
RT: 2.036 min Scan# 602
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



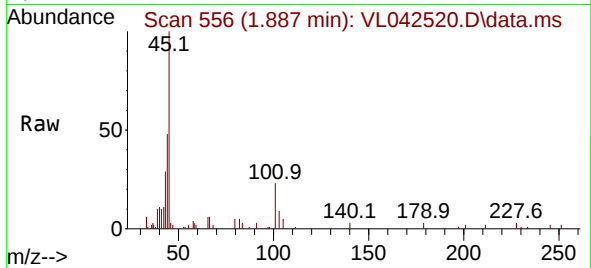
Tgt Ion: 96 Resp: 2206
Ion Ratio Lower Upper
96 100
61 167.2 164.9 247.3
98 45.4 48.2 72.2





#19
Isopropyl Alcohol
Concen: 0.515 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

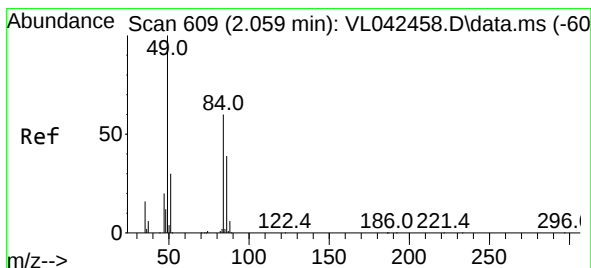
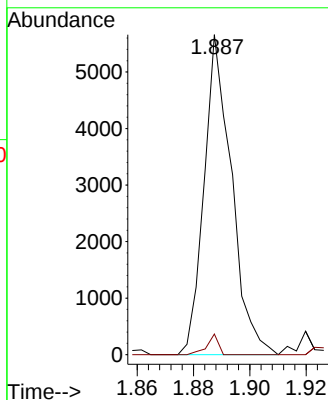
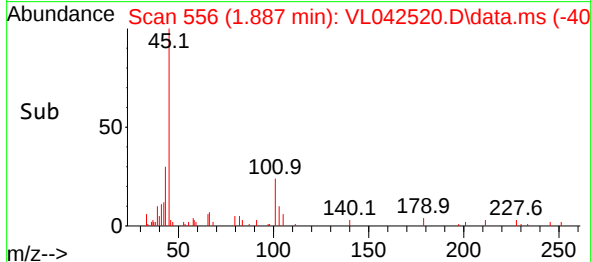
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



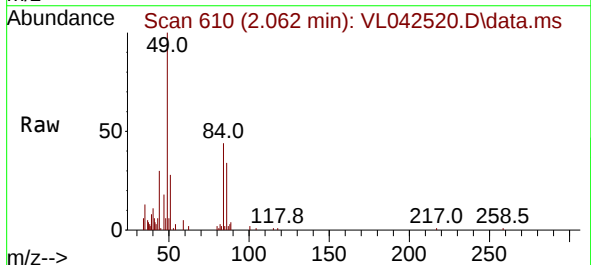
Tgt Ion: 45 Resp: 383
Ion Ratio Lower Upper
45 100
58 60.9 1.6 2.4

Manual Integrations
APPROVED

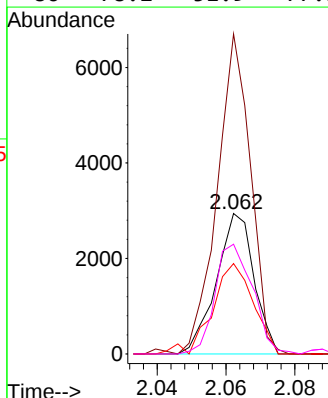
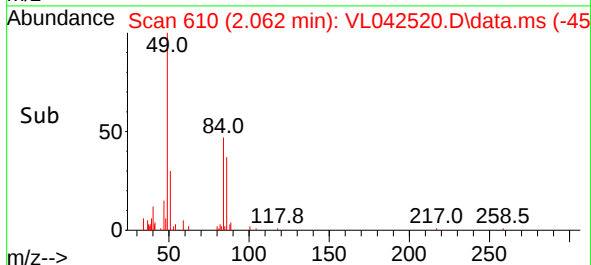
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

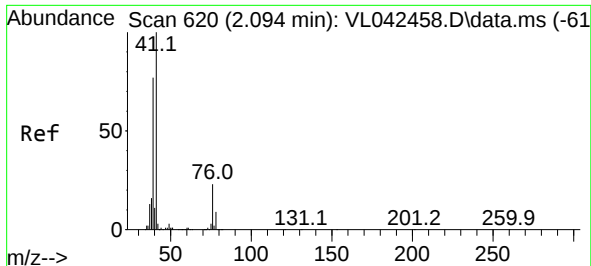


#20
Methylene Chloride
Concen: 0.553 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



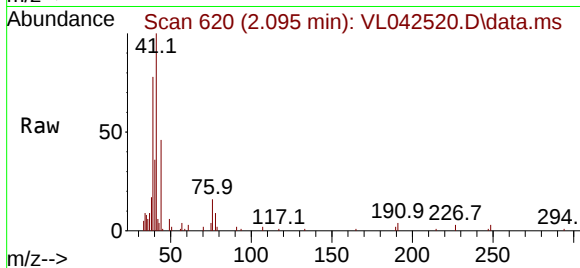
Tgt Ion: 84 Resp: 2237
Ion Ratio Lower Upper
84 100
49 227.8 133.9 200.9#
51 64.3 41.0 61.6#
86 78.2 51.9 77.9#





#21
 Allyl Chloride
 Concen: 0.417 ppbv
 RT: 2.095 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

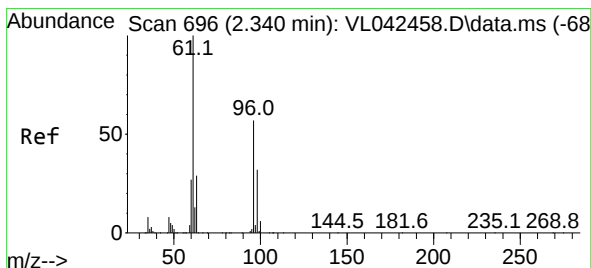
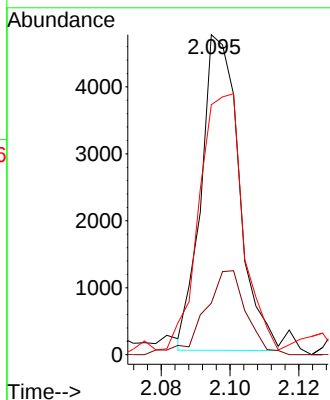
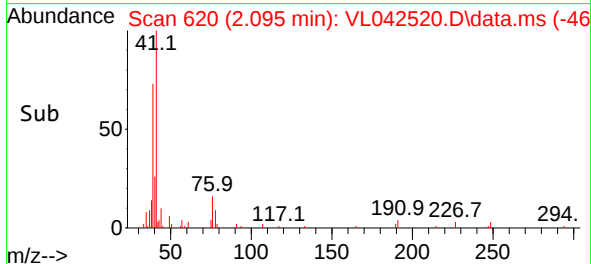
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40



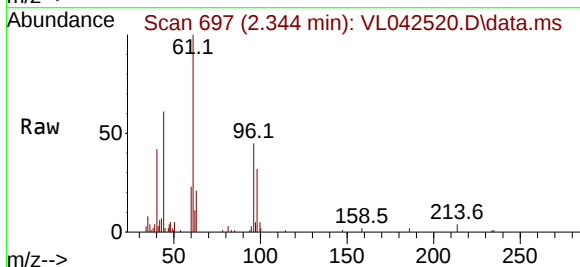
Tgt Ion: 41 Resp: 3608
 Ion Ratio Lower Upper
 41 100
 76 29.1 19.6 29.4
 39 100.1 61.0 91.4

Manual Integrations
 APPROVED

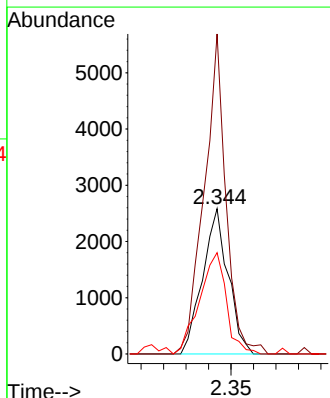
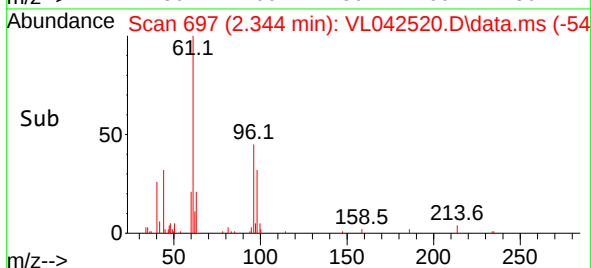
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

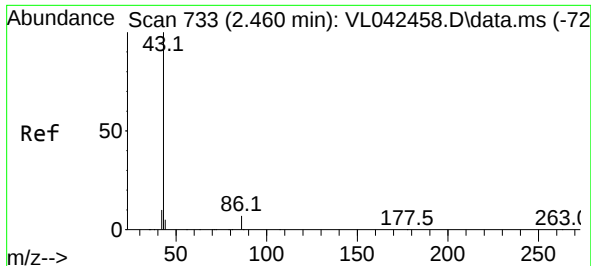


#22
 trans-1,2-Dichloroethene
 Concen: 0.416 ppbv m
 RT: 2.344 min Scan# 697
 Delta R.T. 0.004 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13



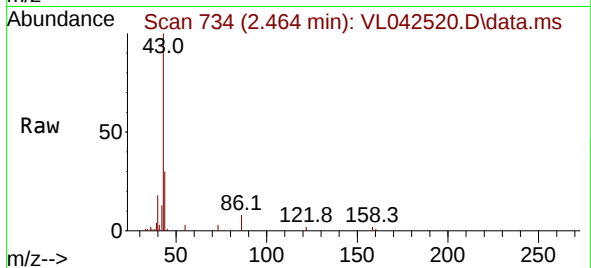
Tgt Ion: 96 Resp: 2037
 Ion Ratio Lower Upper
 96 100
 61 220.2 141.8 212.6#
 98 69.7 45.0 67.6#





#23
 Vinyl Acetate
 Concen: 0.403 ppbv
 RT: 2.464 min Scan# 717
 Delta R.T. 0.004 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

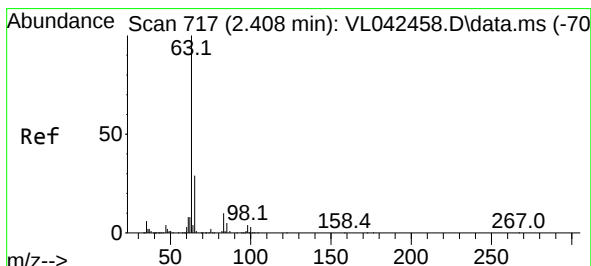
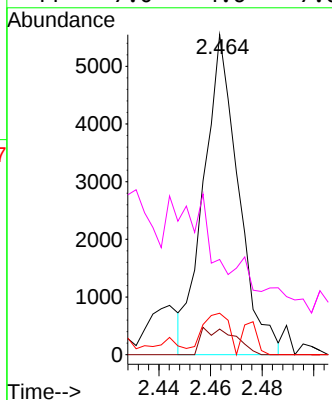
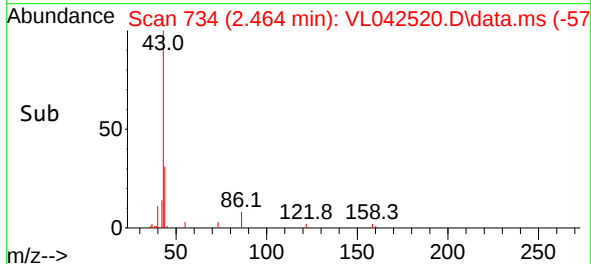
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40



Tgt Ion	43	86	42	44
Ratio	100	6.4	10.3	7.0
Lower		5.5	8.3	4.6
Upper		8.3	12.5	7.0

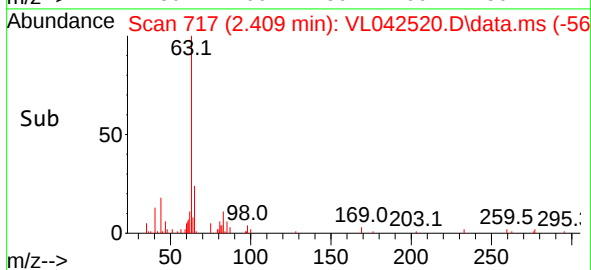
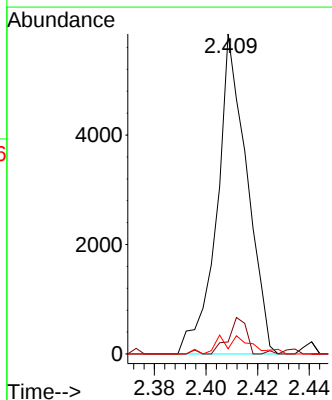
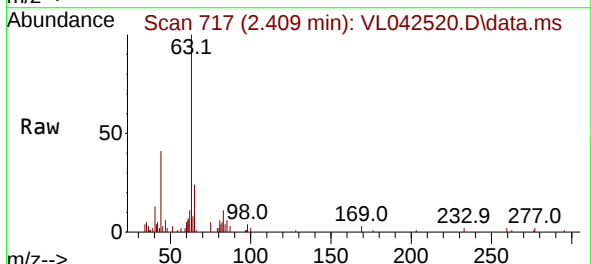
Manual Integrations
 APPROVED

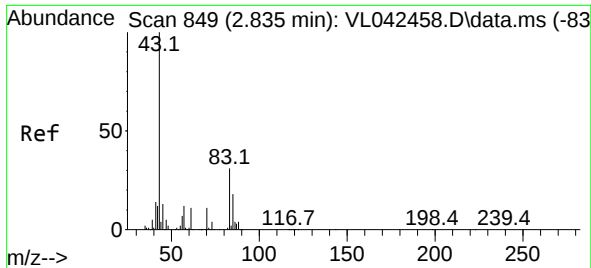
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#24
 1,1-Dichloroethane
 Concen: 0.472 ppbv
 RT: 2.409 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

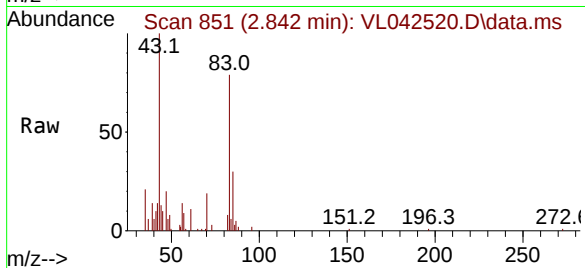
Tgt Ion	63	98	100
Ratio	100	3.7	1.6
Lower		1.8	1.4
Upper		5.5	4.2





#25
Ethyl Acetate
Concen: 0.345 ppbv
RT: 2.842 min Scan# 849
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

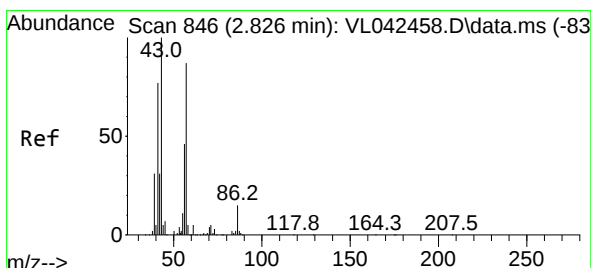
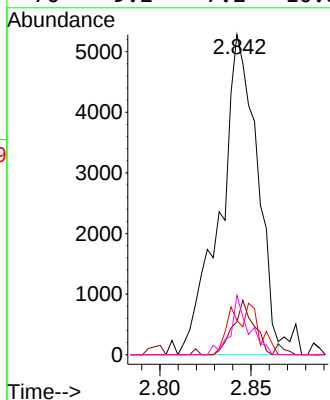
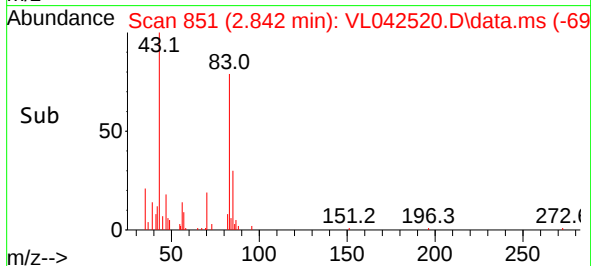
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion	Ratio	Lower	Upper
43	100		
45	10.4	7.8	11.6
61	12.1	7.2	10.8
70	9.2	7.2	10.8

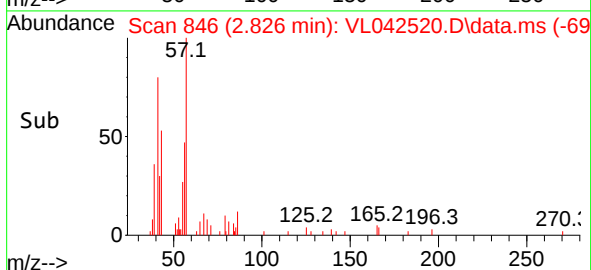
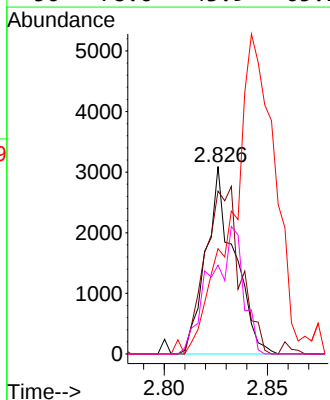
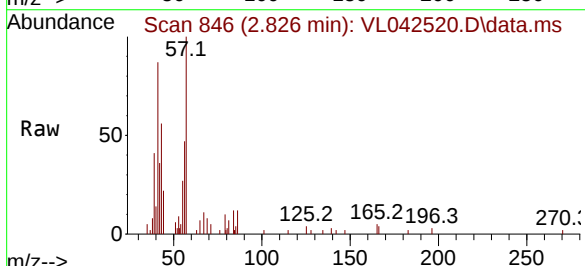
Manual Integrations
APPROVED

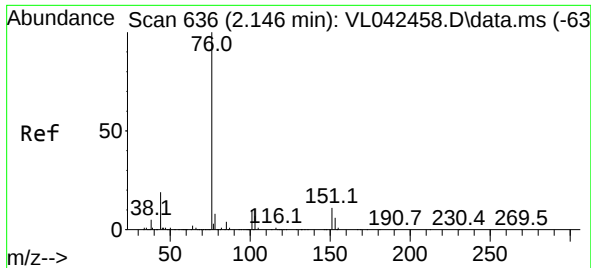
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#26
Hexane
Concen: 0.314 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

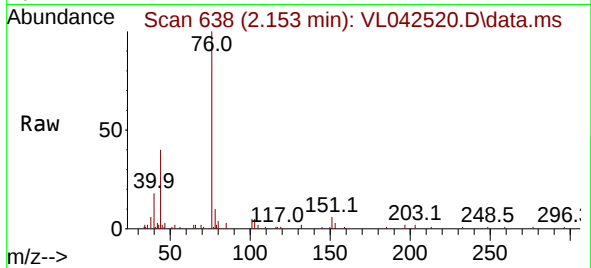
Tgt Ion	Ratio	Lower	Upper
57	100		
41	111.9	77.8	116.8
43	265.8	187.0	280.6
56	78.6	43.9	65.9





#27
Carbon Disulfide
Concen: 0.485 ppbv
RT: 2.153 min Scan# 610
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

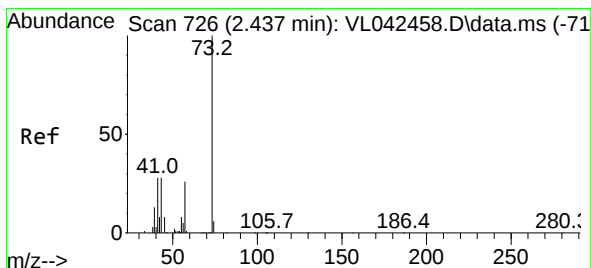
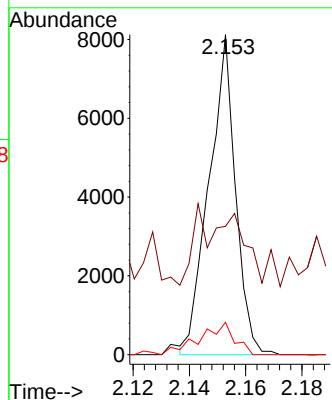
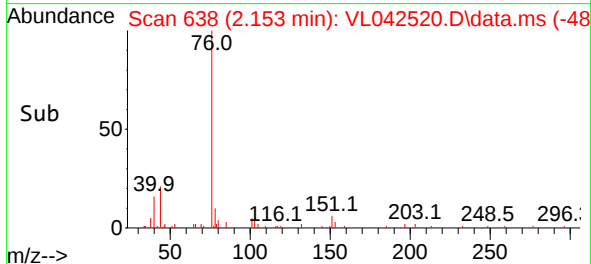
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



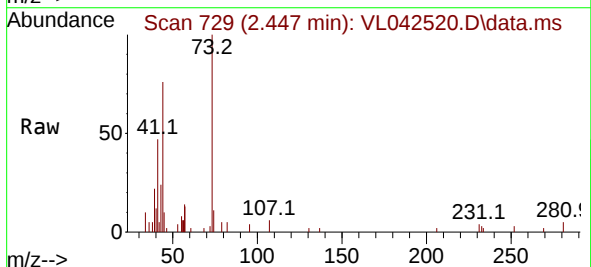
Tgt Ion: 76 Resp: 5310
Ion Ratio Lower Upper
76 100
44 82.1 21.0 31.6
78 13.6 8.6 13.0

Manual Integrations
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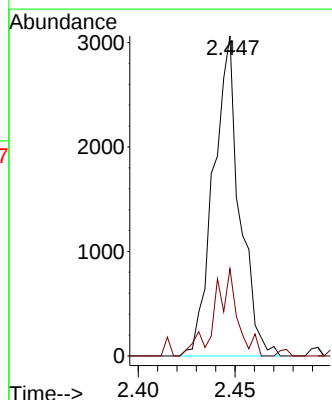
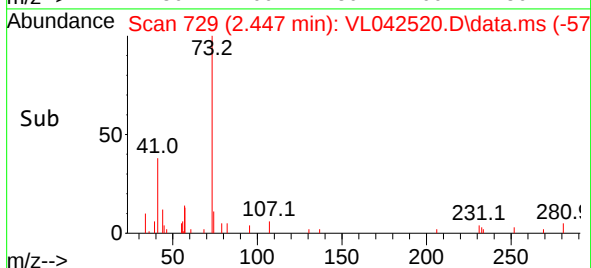
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

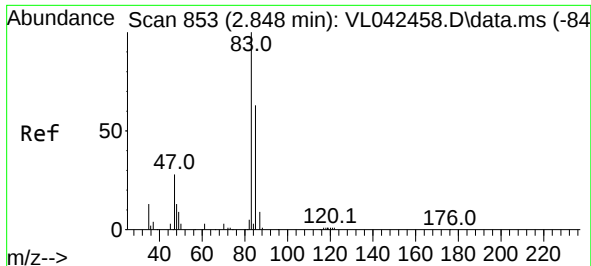


#28
Methyl tert-Butyl Ether
Concen: 0.512 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.010 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



Tgt Ion: 73 Resp: 2887
Ion Ratio Lower Upper
73 100
57 25.7 19.9 29.9





#29

Chloroform

Concen: 0.475 ppbv

RT: 2.849 min Scan# 853

Delta R.T. 0.000 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

Tgt Ion: 83 Resp: 836

Ion Ratio Lower Upper

83 100

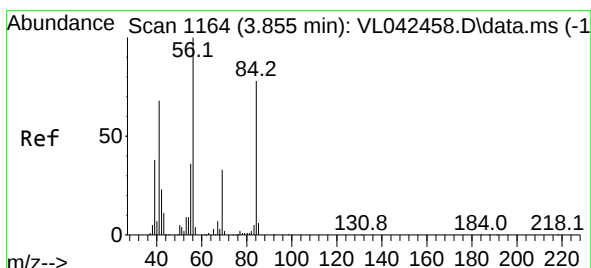
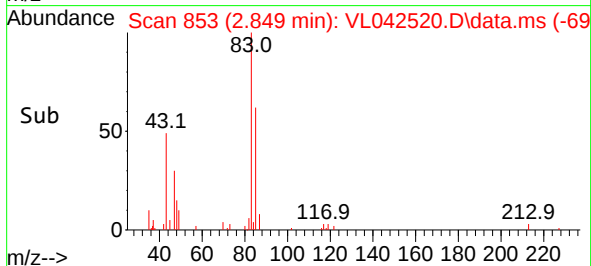
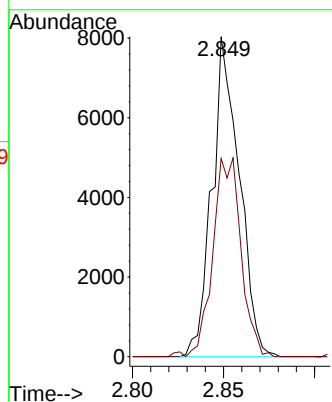
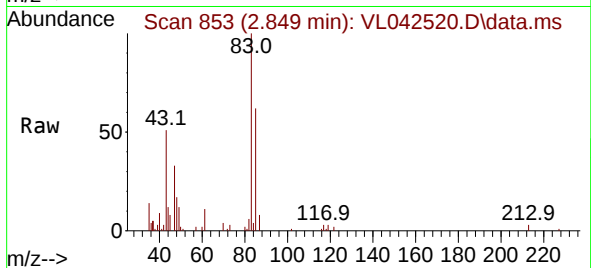
85 61.9 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#30

Cyclohexane

Concen: 0.265 ppbv m

RT: 3.862 min Scan# 1166

Delta R.T. 0.007 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

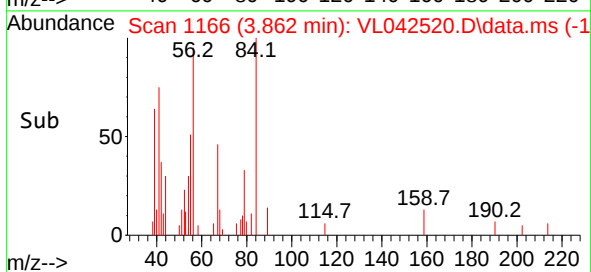
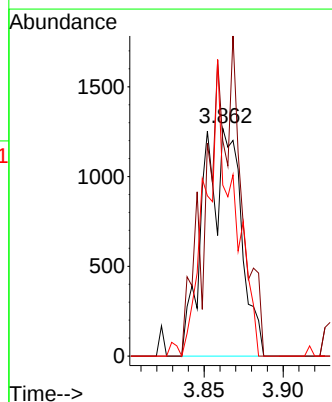
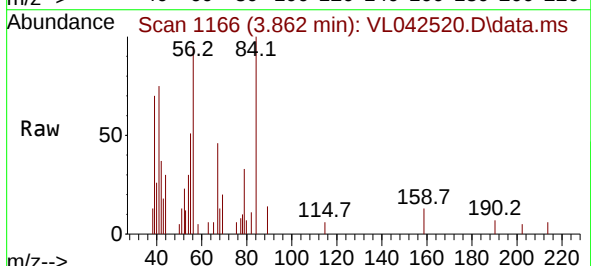
Tgt Ion: 84 Resp: 2083

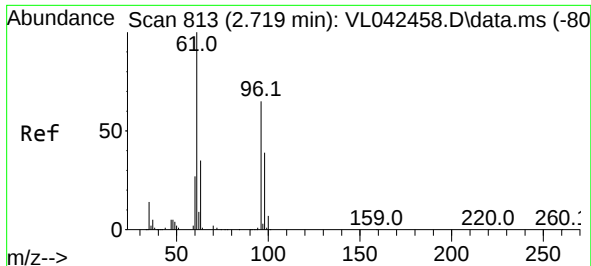
Ion Ratio Lower Upper

84 100

56 122.1 98.1 147.1

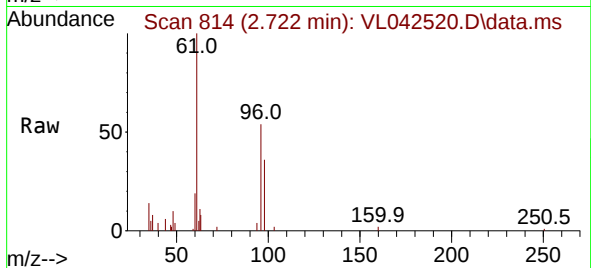
41 96.0 65.8 98.8





#31
 cis-1,2-Dichloroethene
 Concen: 0.339 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.004 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

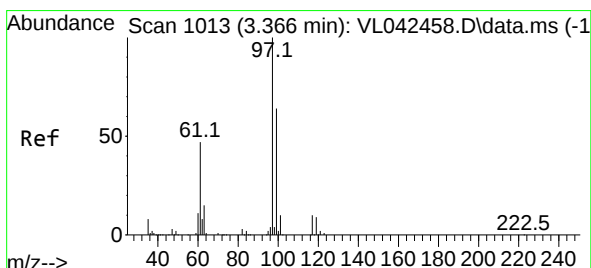
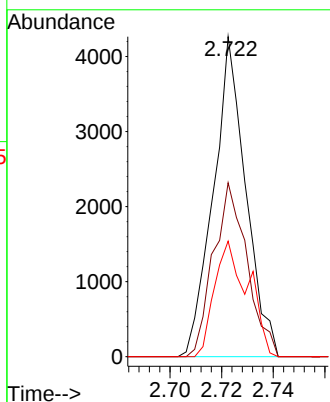
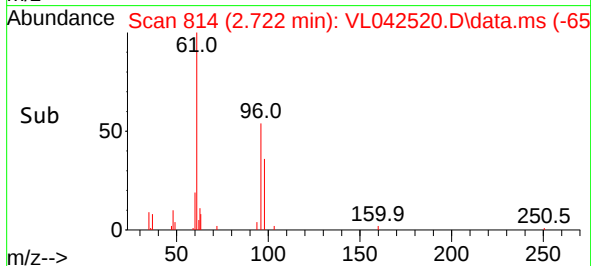
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40



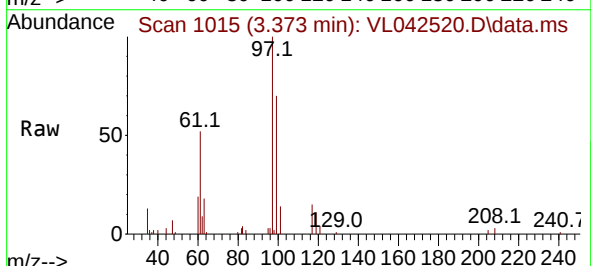
Tgt Ion: 61 Resp: 3718
 Ion Ratio Lower Upper
 61 100
 96 54.3 52.0 78.0
 98 36.1 31.0 46.6

Manual Integrations
 APPROVED

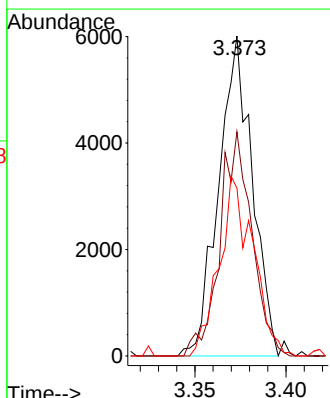
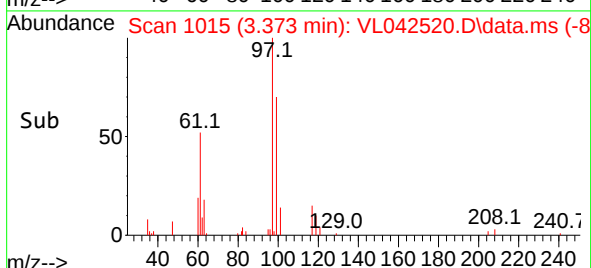
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

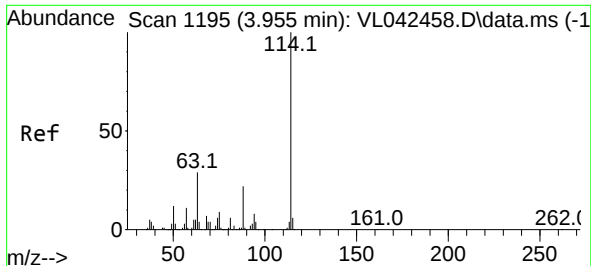


#32
 1,1,1-Trichloroethane
 Concen: 0.405 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.007 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13



Tgt Ion: 97 Resp: 7718
 Ion Ratio Lower Upper
 97 100
 99 66.9 50.7 76.1
 61 57.3 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1195

Delta R.T. 0.010 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

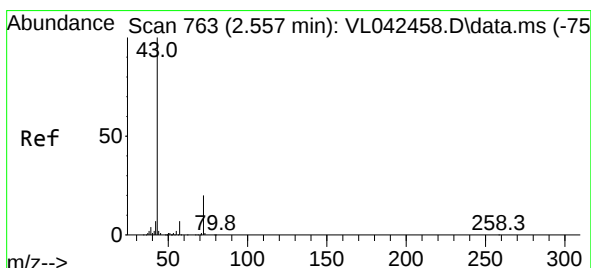
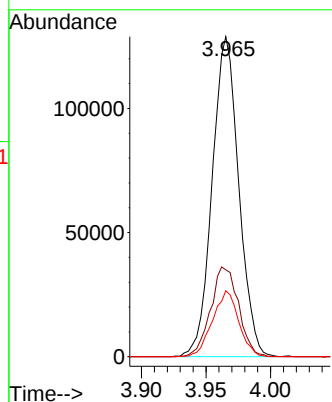
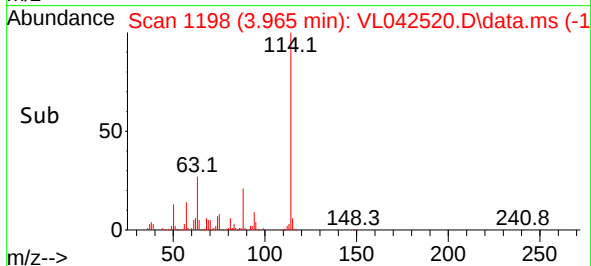
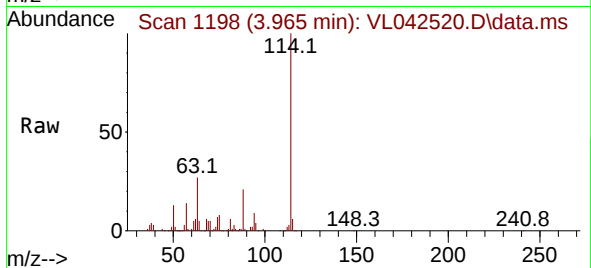
MDL3 0.40

Tgt Ion:	114	Resp:	18439
Ion Ratio	Lower	Upper	
114	100		
63	29.5	23.1	34.7
88	20.3	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#34

2-Butanone

Concen: 0.458 ppbv

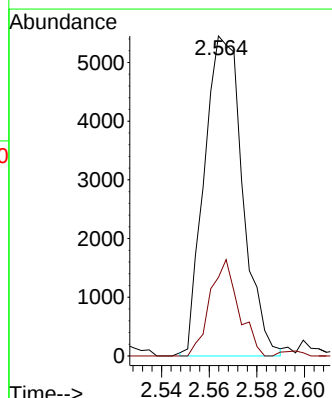
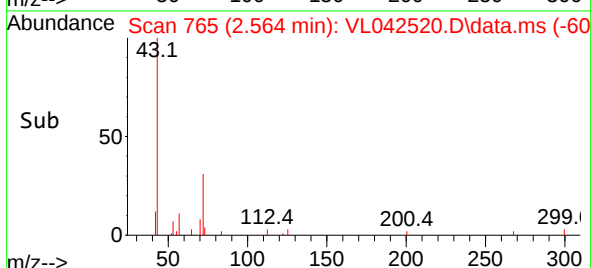
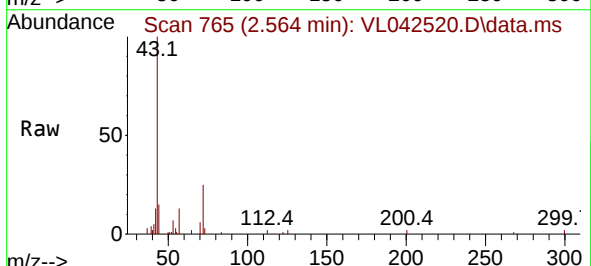
RT: 2.564 min Scan# 765

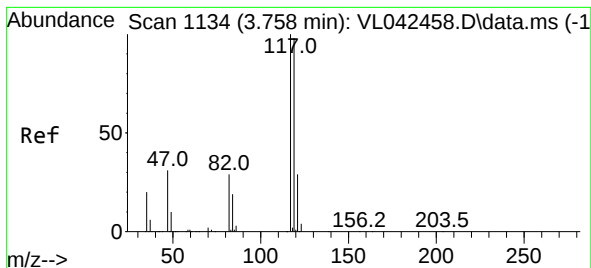
Delta R.T. 0.007 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Tgt Ion:	43	Resp:	6111
Ion Ratio	Lower	Upper	
43	100		
72	23.4	16.7	25.1





#35

Carbon Tetrachloride

Concen: 0.527 ppbv

RT: 3.765 min Scan# 1134

Delta R.T. 0.007 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

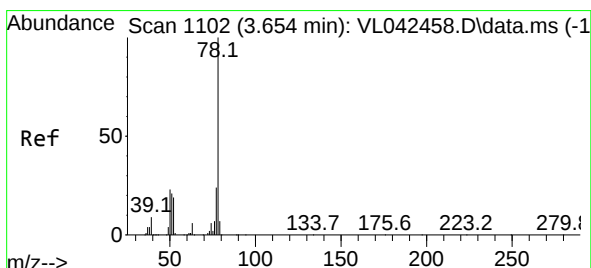
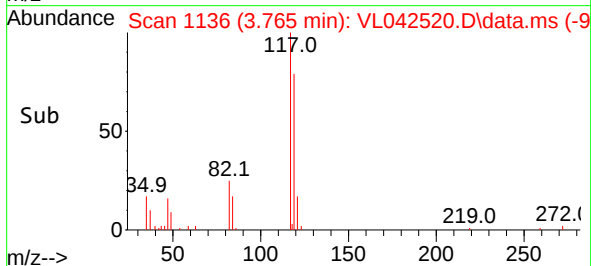
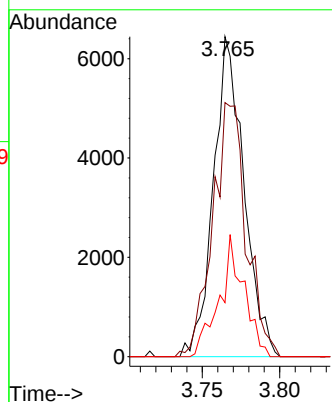
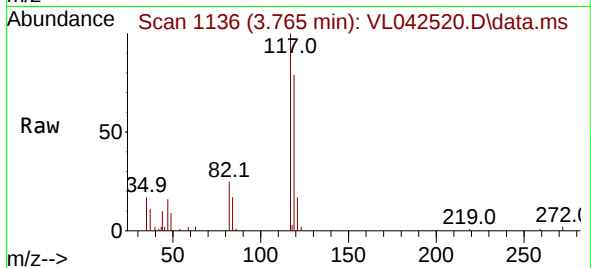
Tgt Ion:	117	Resp:	8820
Ion	Ratio	Lower	Upper
117	100		
119	79.4	78.1	117.1
121	16.9	23.0	34.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#36

Benzene

Concen: 0.372 ppbv

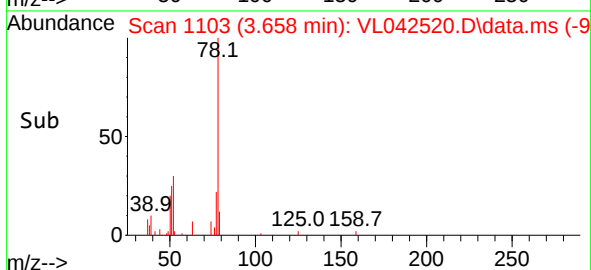
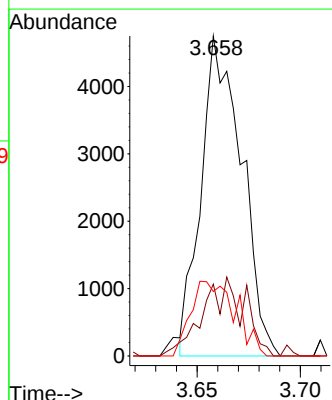
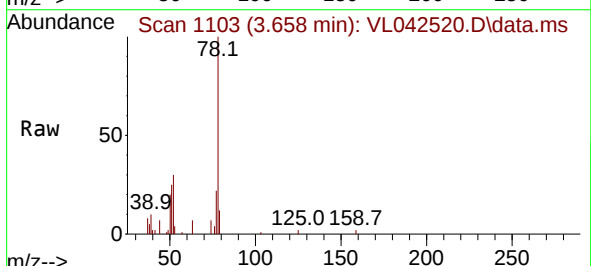
RT: 3.658 min Scan# 1103

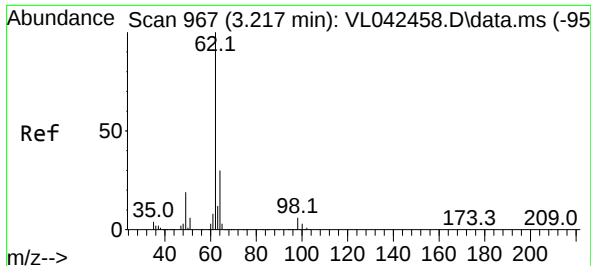
Delta R.T. 0.004 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

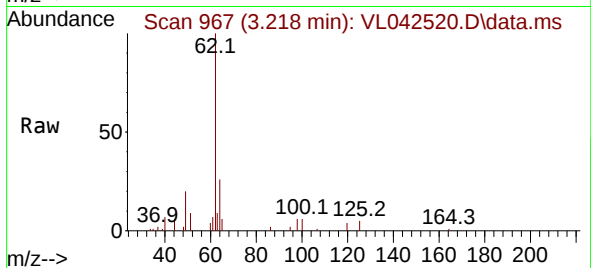
Tgt Ion:	78	Resp:	6473
Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.9	28.3
50	20.1	18.4	27.6





#37
1,2-Dichloroethane
Concen: 0.465 ppbv m
RT: 3.218 min Scan# 967
Delta R.T. 0.000 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

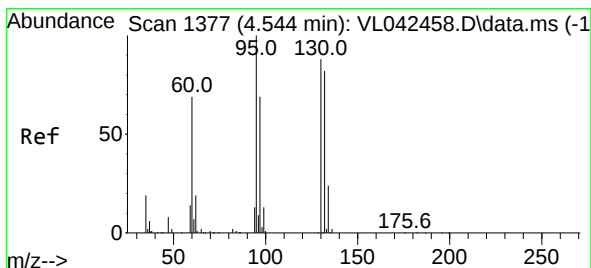
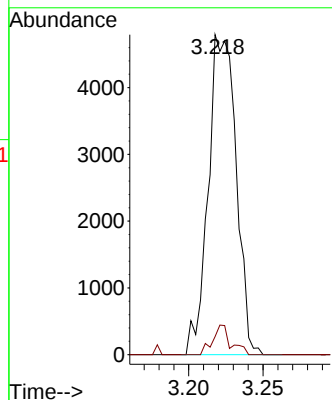
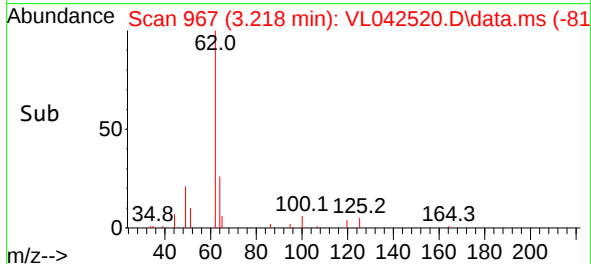
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 62 Resp: 6239
Ion Ratio Lower Upper
62 100
98 6.0 4.3 6.5

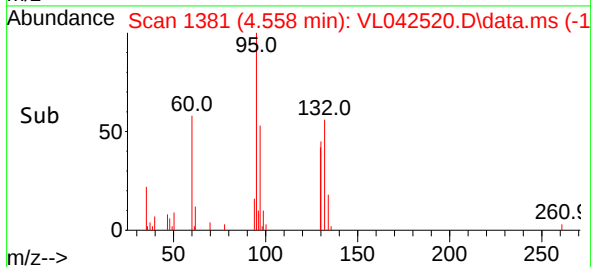
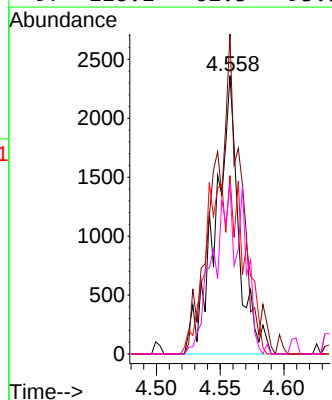
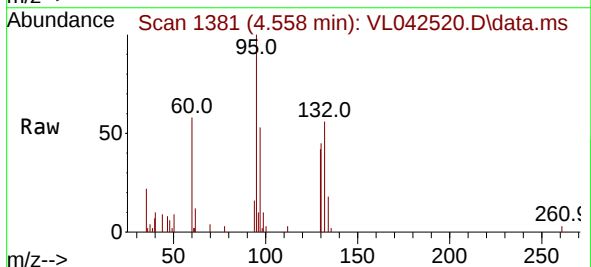
Manual Integrations
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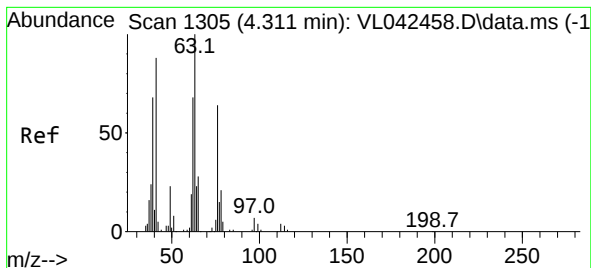
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#38
Trichloroethene
Concen: 0.453 ppbv m
RT: 4.558 min Scan# 1381
Delta R.T. 0.013 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion:130 Resp: 3009
Ion Ratio Lower Upper
130 100
95 222.4 91.0 136.4#
132 124.1 74.2 111.4#
97 118.1 62.3 93.5#





#39

1,2-Dichloropropane

Concen: 0.531 ppbv m

RT: 4.318 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

MDL3 0.40

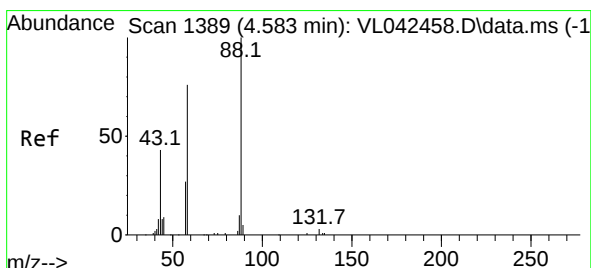
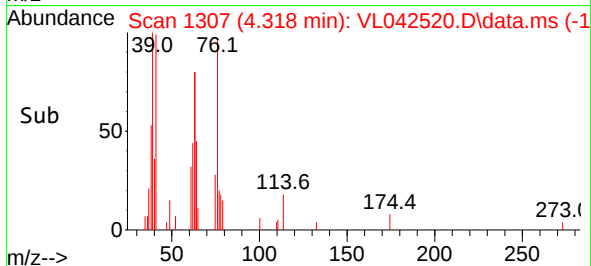
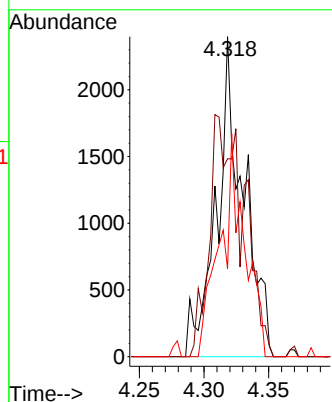
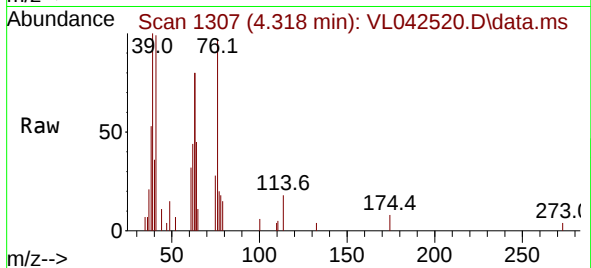
Tgt Ion: 63	Resp: 345
Ion Ratio	Lower Upper
63 100	
41 123.3	69.8 104.6
62 54.8	54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025

Supervised By :Mahesh Dadoda 05/09/2025



#40

1,4-Dioxane

Concen: 0.355 ppbv m

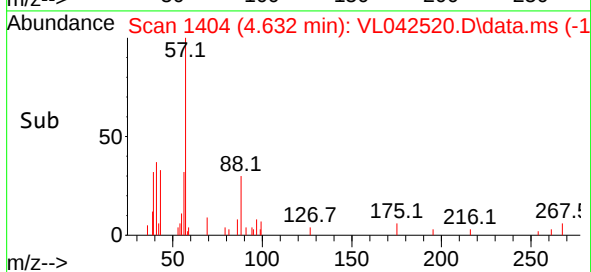
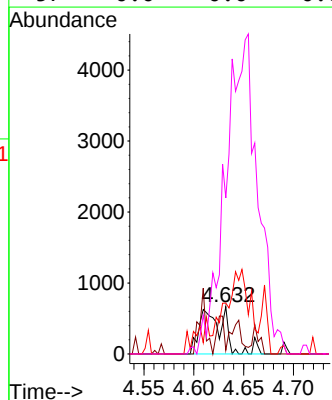
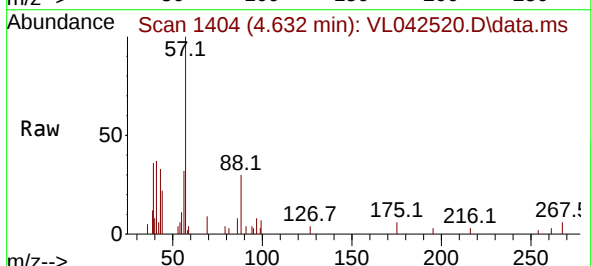
RT: 4.632 min Scan# 1404

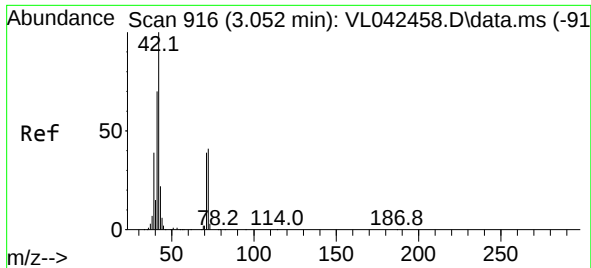
Delta R.T. 0.049 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

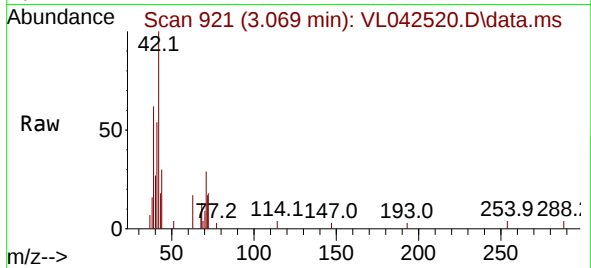
Tgt Ion: 88	Resp: 1082
Ion Ratio	Lower Upper
88 100	
58 114.2	0.0 0.0#
43 0.0	0.0 0.0
57 0.0	0.0 0.0





#41
Tetrahydrofuran
Concen: 0.346 ppbv m
RT: 3.069 min Scan# 916
Delta R.T. 0.016 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

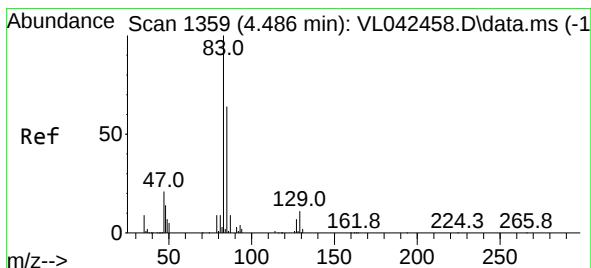
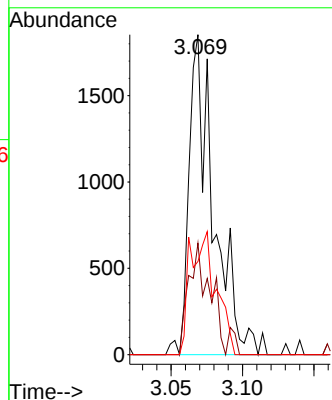
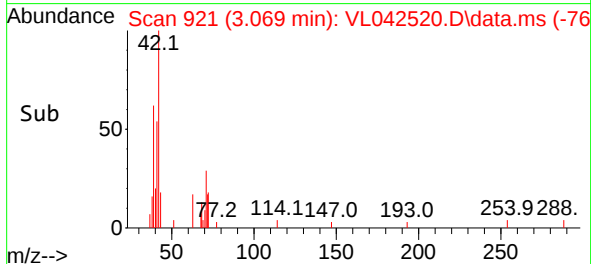
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 42 Resp: 2194
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3
71 0.0 32.6 49.0

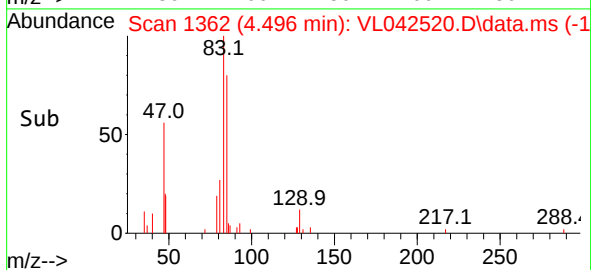
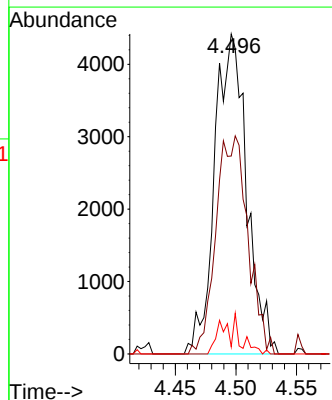
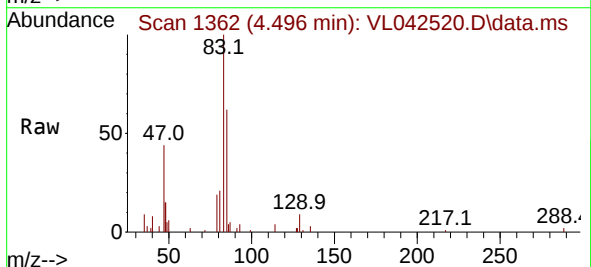
Manual Integrations
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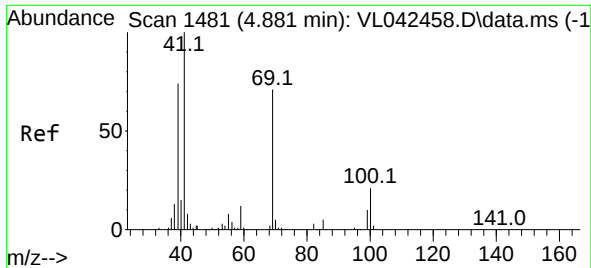
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#42
Bromodichloromethane
Concen: 0.494 ppbv m
RT: 4.496 min Scan# 1362
Delta R.T. 0.010 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

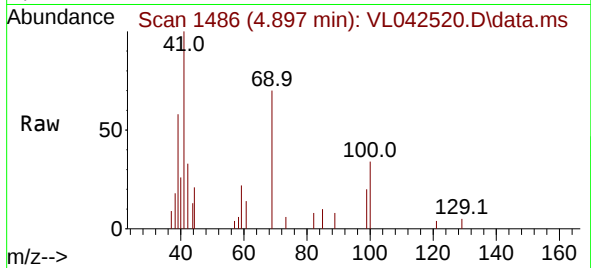
Tgt Ion: 83 Resp: 8092
Ion Ratio Lower Upper
83 100
85 61.8 51.5 77.3
127 2.2 5.4 8.2





#43
Methyl Methacrylate
Concen: 0.320 ppbv m
RT: 4.897 min Scan# 1411
Delta R.T. 0.017 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

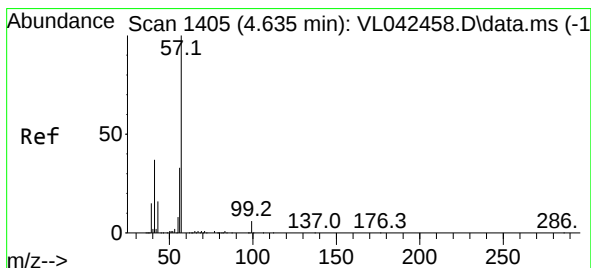
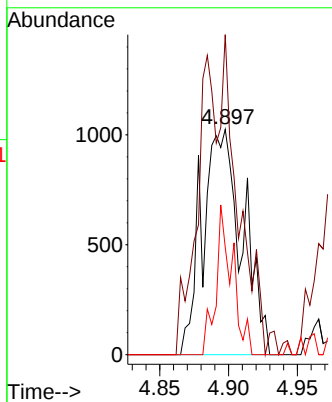
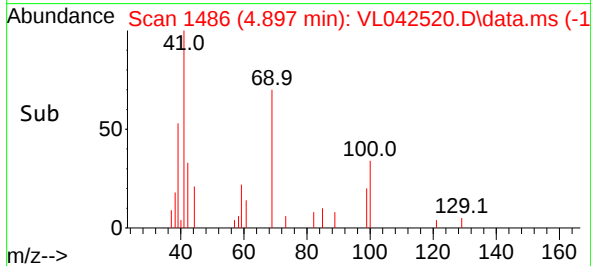
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



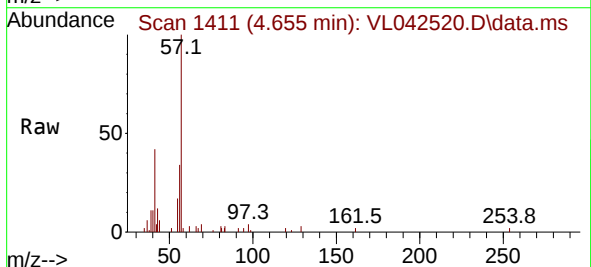
Tgt Ion: 69 Resp: 2079
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2
100 0.0 26.7 40.1

Manual Integrations
APPROVED

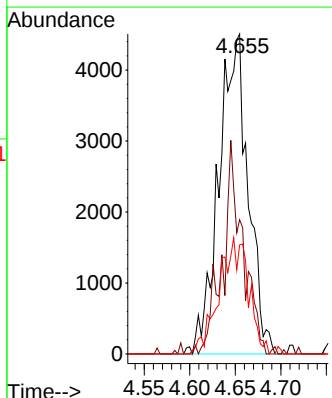
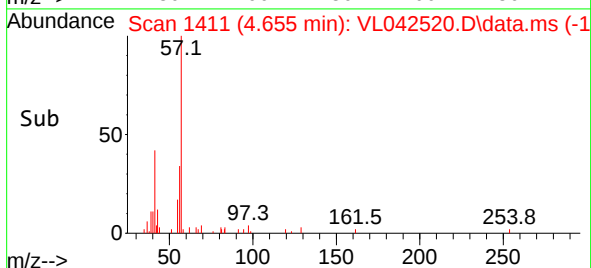
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

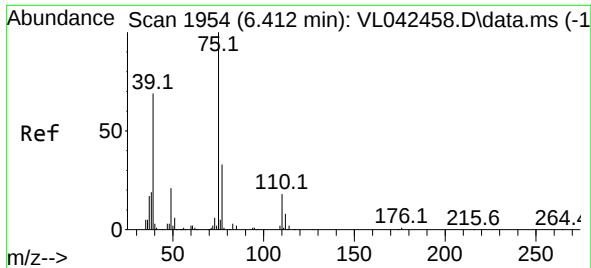


#44
2,2,4-Trimethylpentane
Concen: 0.358 ppbv m
RT: 4.655 min Scan# 1411
Delta R.T. 0.020 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



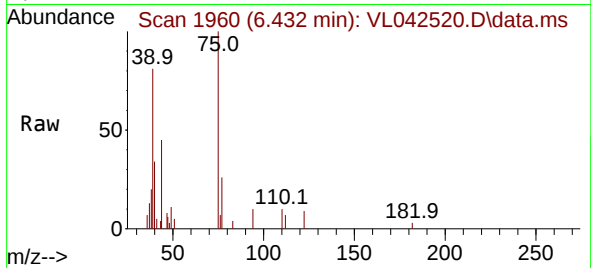
Tgt Ion: 57 Resp: 10098
Ion Ratio Lower Upper
57 100
41 46.1 30.6 45.8
56 37.0 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 0.367 ppbv m
RT: 6.432 min Scan# 1954
Delta R.T. 0.020 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

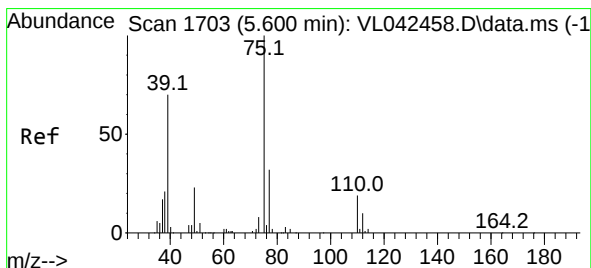
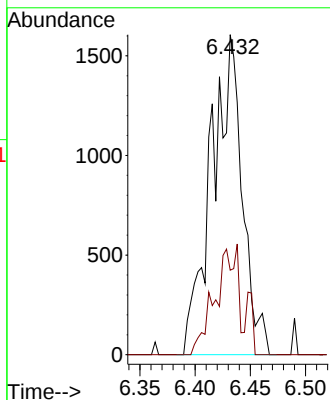
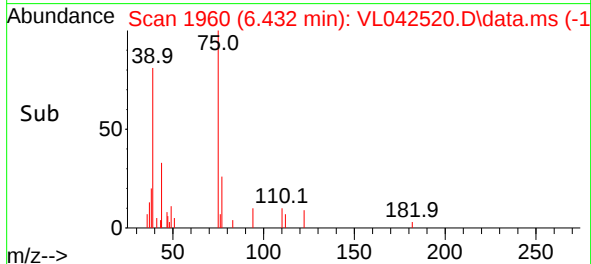
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 75 Resp: 3120
Ion Ratio Lower Upper
75 100
77 26.4 26.3 39.5

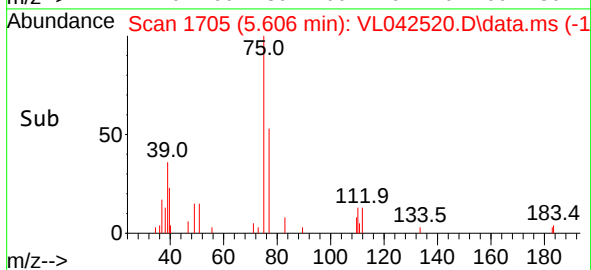
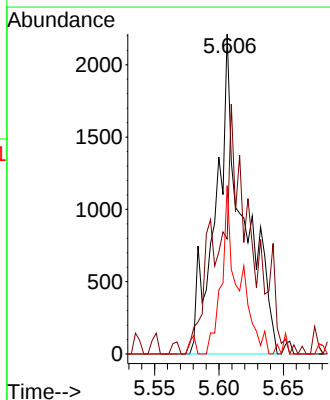
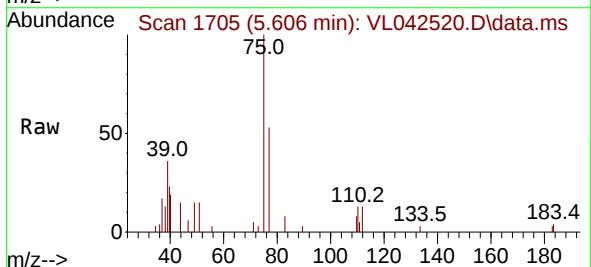
Manual Integrations
APPROVED

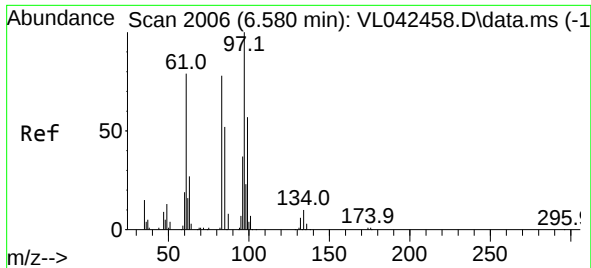
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#46
cis-1,3-Dichloropropene
Concen: 0.319 ppbv m
RT: 5.606 min Scan# 1705
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

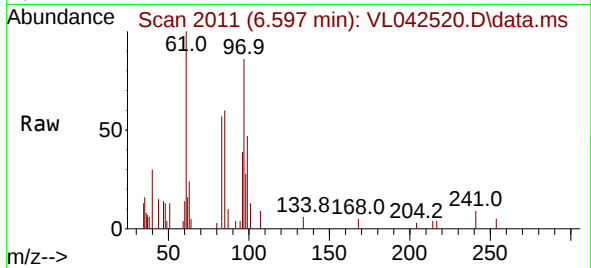
Tgt Ion: 75 Resp: 3234
Ion Ratio Lower Upper
75 100
39 36.0 55.7 83.5#
77 52.6 25.8 38.8#





#47
1,1,2-Trichloroethane
Concen: 0.489 ppbv m
RT: 6.597 min Scan# 2006
Delta R.T. 0.017 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

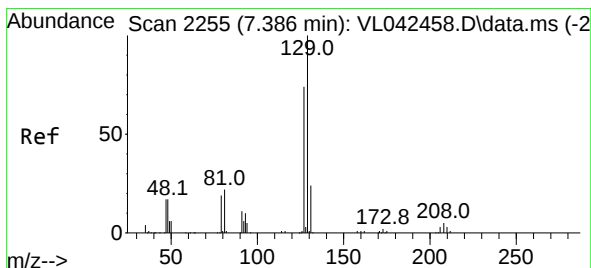
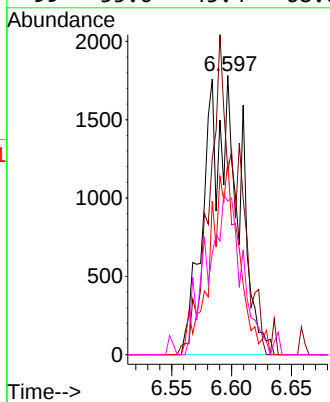
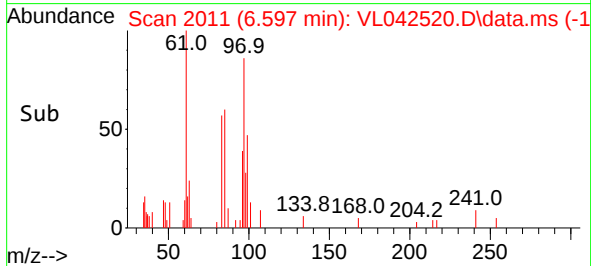
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 97 Resp: 3490
Ion Ratio Lower Upper
97 100
83 66.1 62.2 93.2
85 69.3 41.5 62.3
99 55.0 45.4 68.0

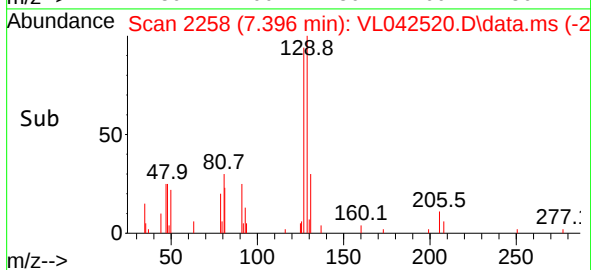
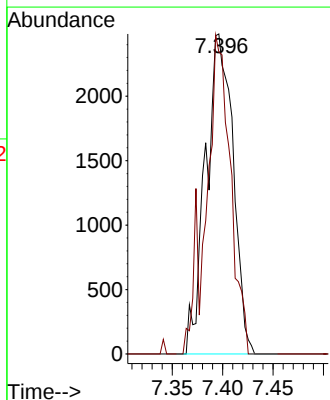
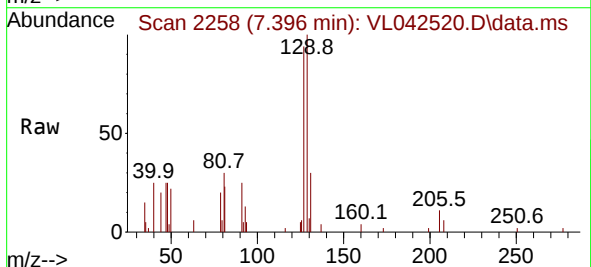
Manual Integrations
APPROVED

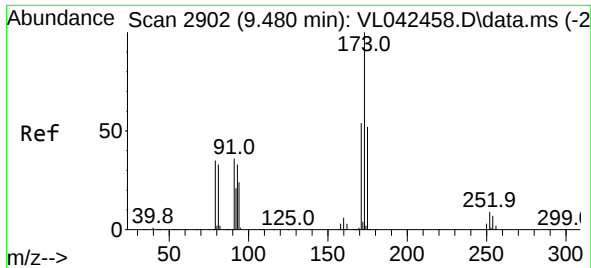
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#48
Dibromochloromethane
Concen: 0.389 ppbv m
RT: 7.396 min Scan# 2258
Delta R.T. 0.010 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

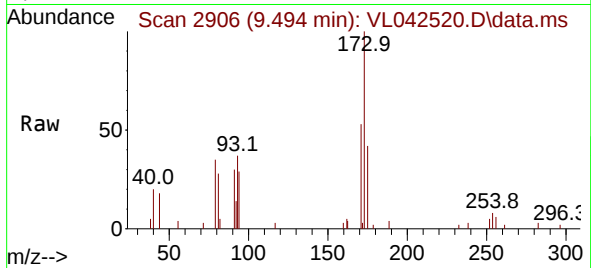
Tgt Ion:129 Resp: 4689
Ion Ratio Lower Upper
129 100
127 88.5 39.5 118.5





#49
Bromoform
Concen: 0.395 ppbv
RT: 9.494 min Scan# 2906
Delta R.T. 0.013 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

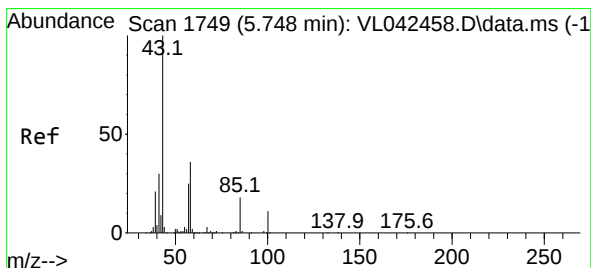
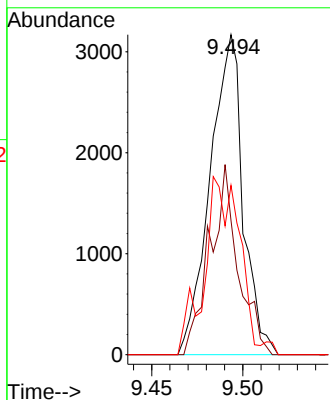
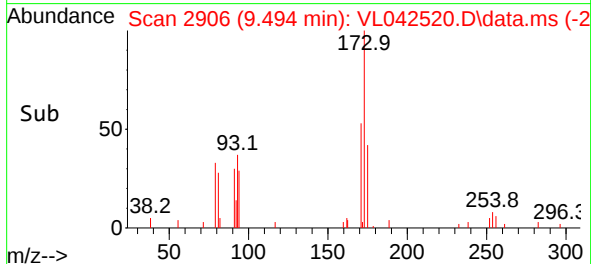
Instrument : MSVOA_L
ClientSampleId : MDL3 0.40



Tgt Ion: 173 Resp: 399
Ion Ratio Lower Upper
173 100
175 51.2 38.9 58.3
171 60.3 40.6 60.8

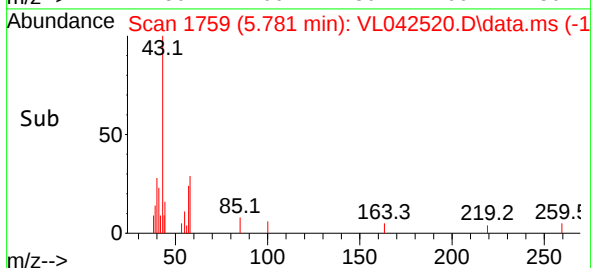
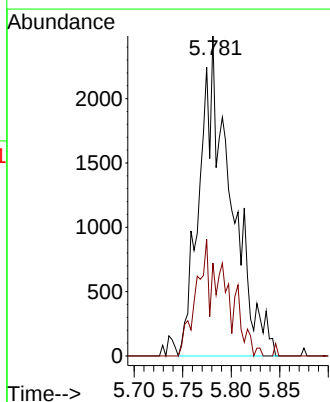
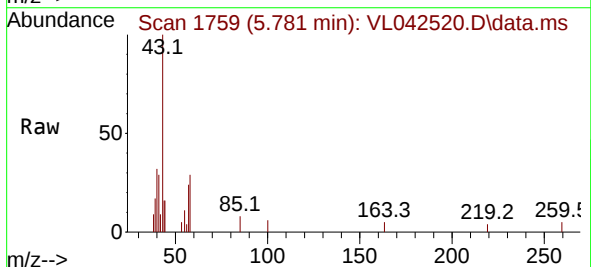
Manual Integrations
APPROVED

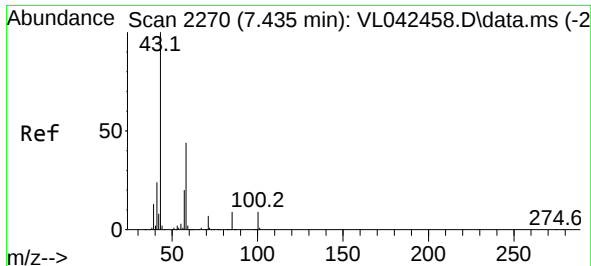
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50
4-Methyl-2-Pentanone
Concen: 0.328 ppbv m
RT: 5.781 min Scan# 1759
Delta R.T. 0.033 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

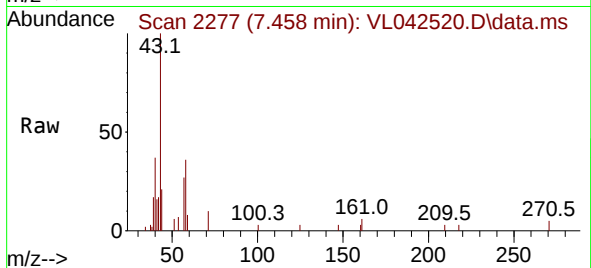
Tgt Ion: 43 Resp: 5540
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#





#51
2-Hexanone
Concen: 0.295 ppbv m
RT: 7.458 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

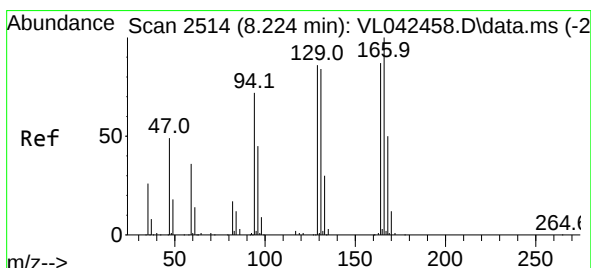
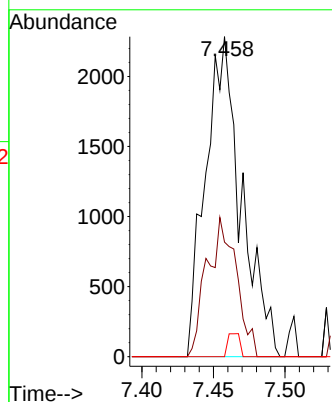
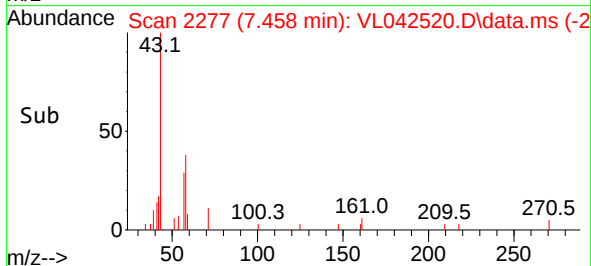
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



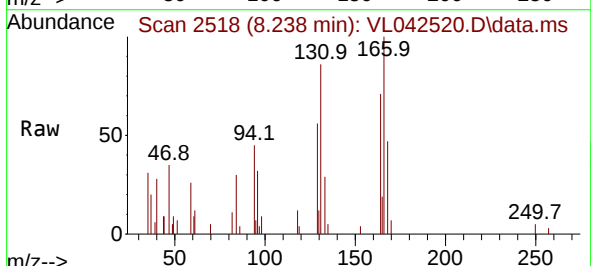
Tgt Ion: 43 Resp: 3974
Ion Ratio Lower Upper
43 100
58 35.7 37.2 55.8#
98 0.0 0.4 0.6#

Manual Integrations
APPROVED

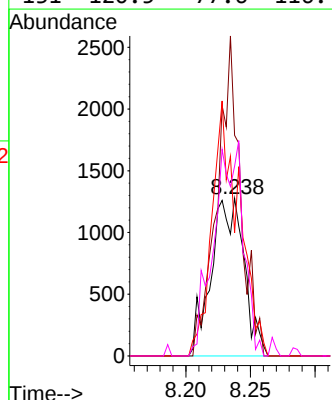
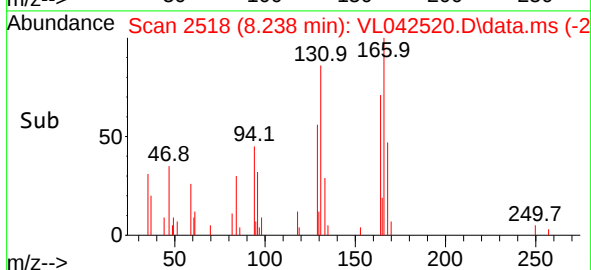
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

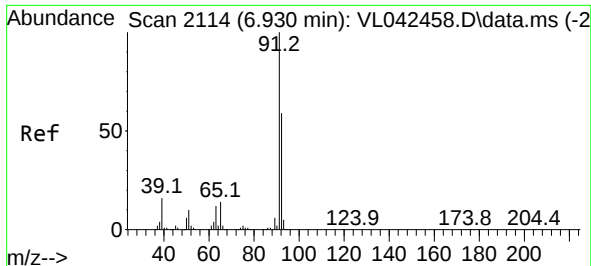


#52
Tetrachloroethene
Concen: 0.341 ppbv m
RT: 8.238 min Scan# 2518
Delta R.T. 0.013 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



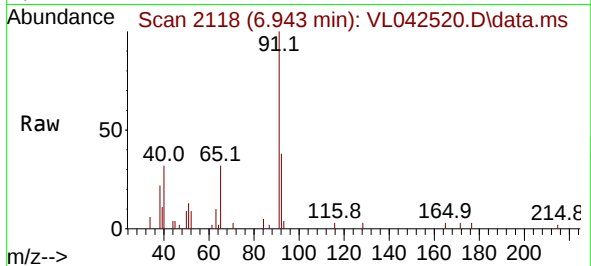
Tgt Ion:164 Resp: 2256
Ion Ratio Lower Upper
164 100
166 140.0 91.6 137.4#
129 78.1 79.0 118.4#
131 120.5 77.6 116.4#





#53
Toluene
Concen: 0.263 ppbv m
RT: 6.943 min Scan# 2118
Delta R.T. 0.013 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

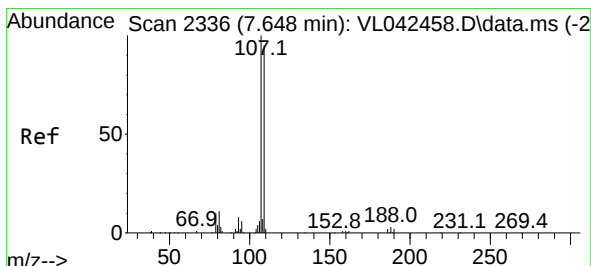
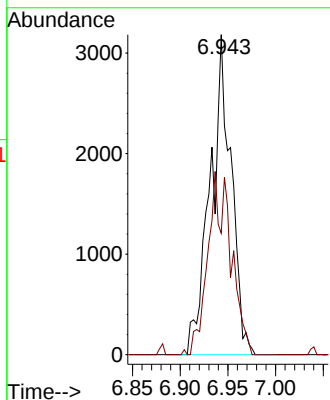
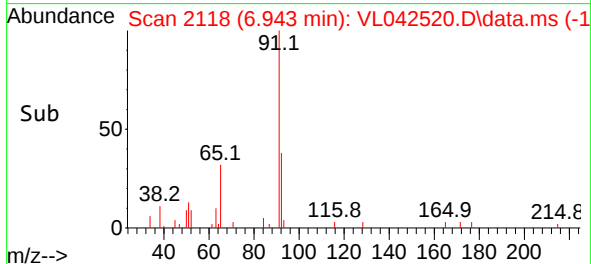
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



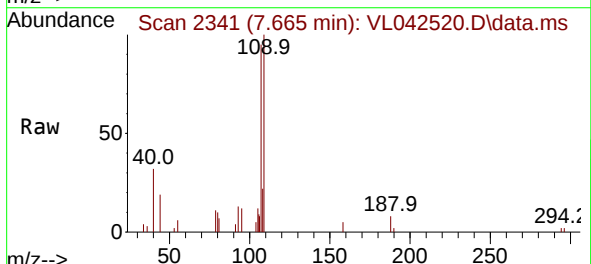
Tgt Ion: 91 Resp: 484
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9

Manual Integrations
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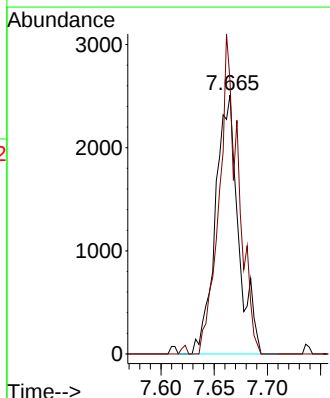
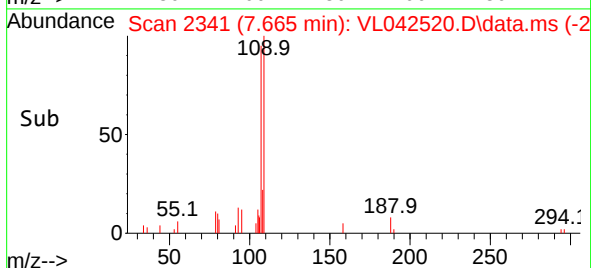
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

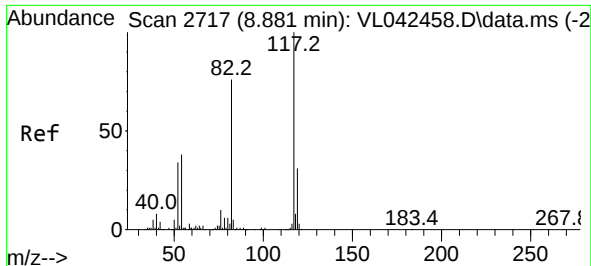


#54
1,2-Dibromoethane
Concen: 0.345 ppbv m
RT: 7.665 min Scan# 2341
Delta R.T. 0.016 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



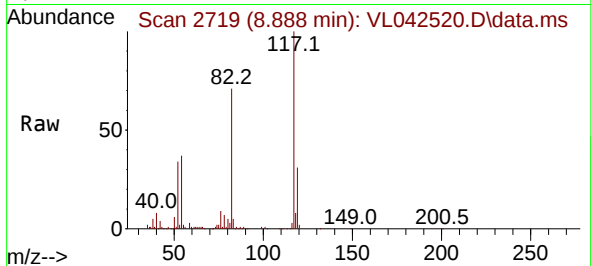
Tgt Ion:107 Resp: 3765
Ion Ratio Lower Upper
107 100
109 105.2 76.0 114.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

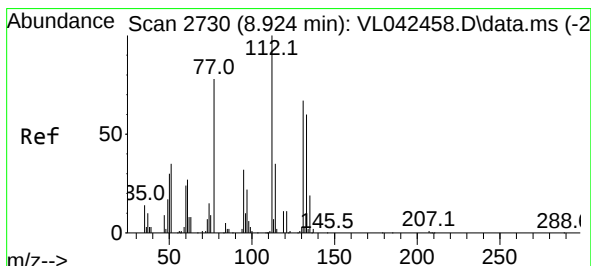
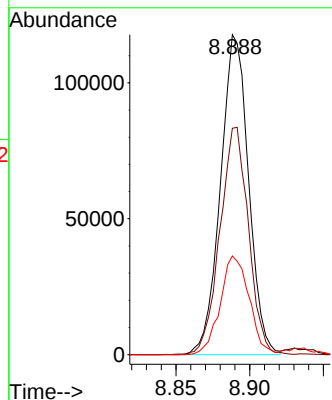
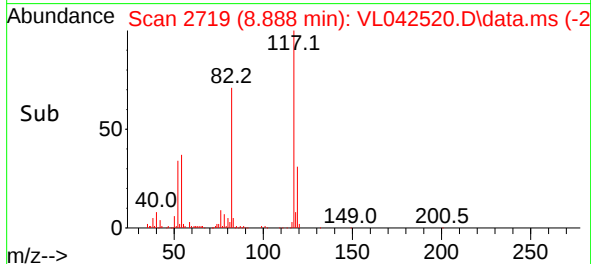
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



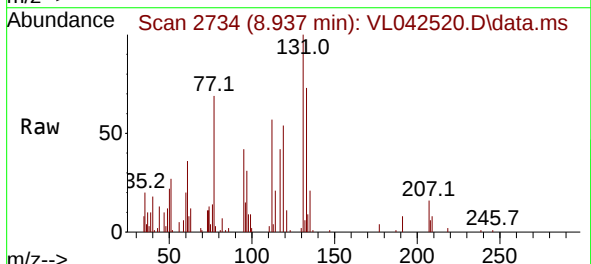
Tgt Ion:117 Resp: 15589
Ion Ratio Lower Upper
117 100
82 72.4 63.5 95.3
119 32.3 25.8 38.8

Manual Integrations
APPROVED

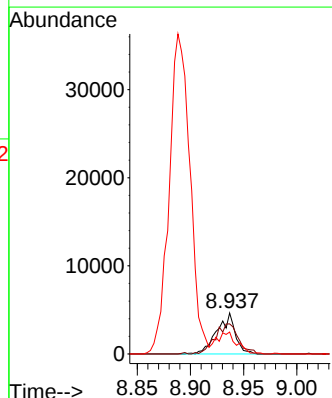
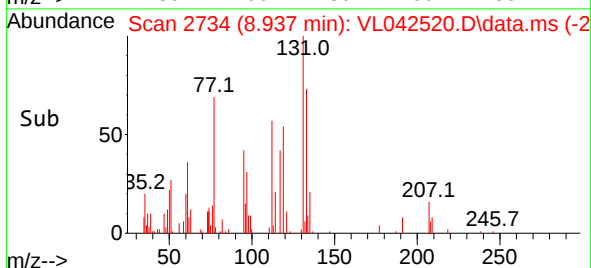
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

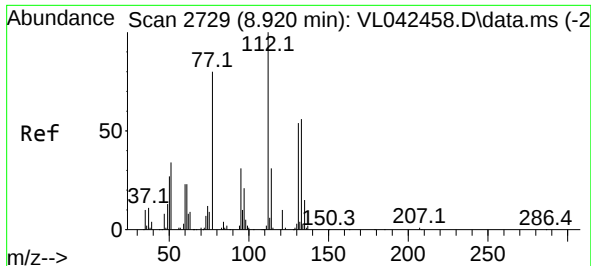


#56
1,1,1,2-Tetrachloroethane
Concen: 0.602 ppbv m
RT: 8.937 min Scan# 2734
Delta R.T. 0.013 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



Tgt Ion:131 Resp: 5540
Ion Ratio Lower Upper
131 100
133 94.0 76.0 114.0
119 0.0 46.1 69.1#





#57

Chlorobenzene

Concen: 0.496 ppbv m

RT: 8.924 min Scan# 21

Delta R.T. 0.004 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

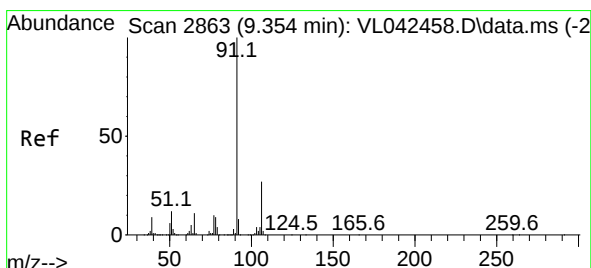
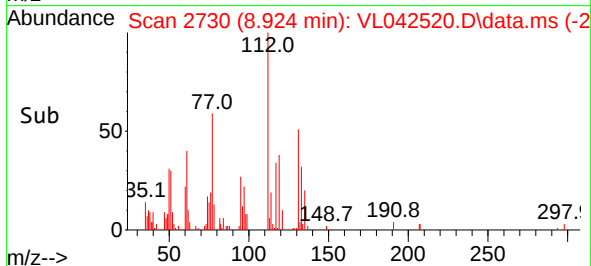
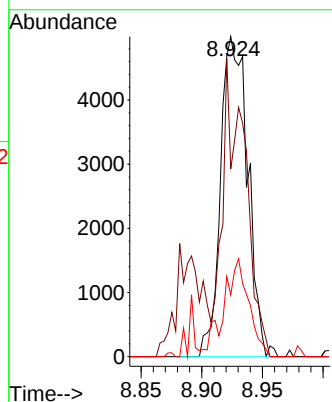
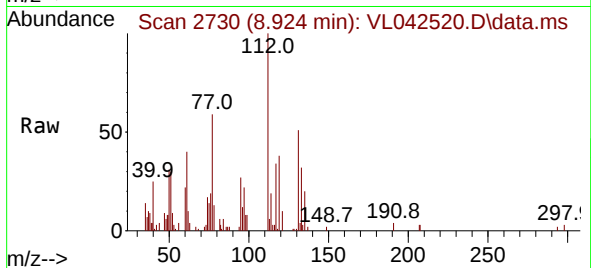
MDL3 0.40

Tgt Ion:	112	Resp:	7760
Ion	Ratio	Lower	Upper
112	100		
77	58.6	65.0	97.4
114	19.4	27.5	33.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#58

Ethyl Benzene

Concen: 0.260 ppbv m

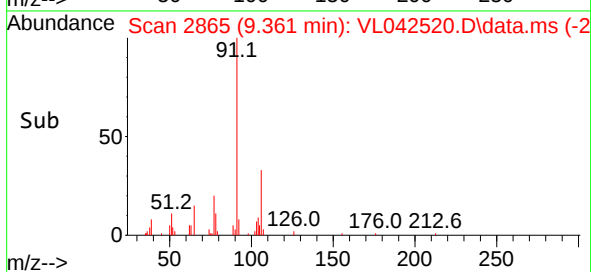
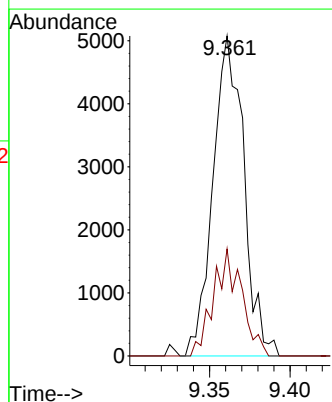
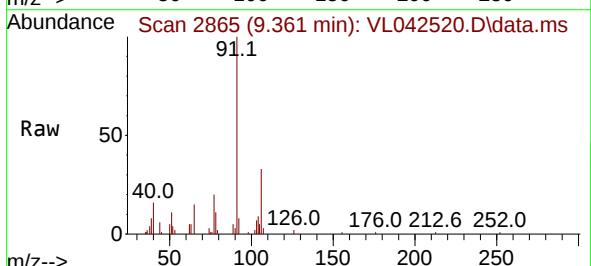
RT: 9.361 min Scan# 2865

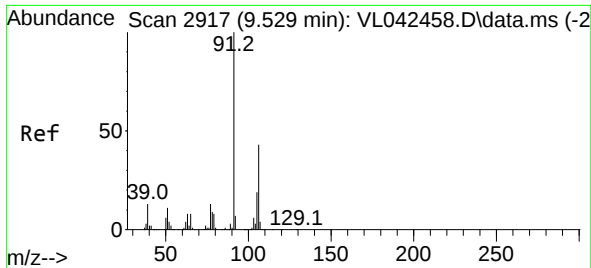
Delta R.T. 0.007 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

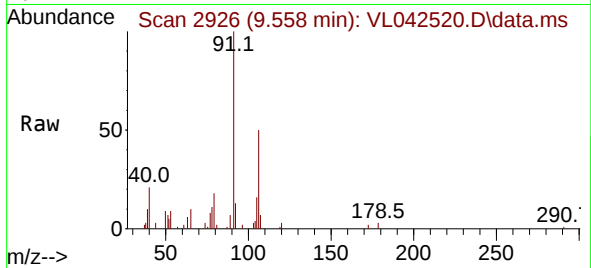
Tgt Ion:	91	Resp:	6764
Ion	Ratio	Lower	Upper
91	100		
106	33.5	21.9	32.9





#59
m/p-Xylene
Concen: 0.485 ppbv m
RT: 9.558 min Scan# 2917
Delta R.T. 0.029 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

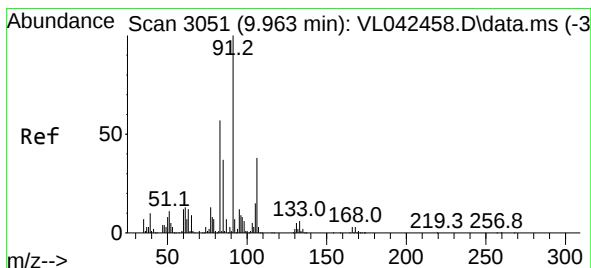
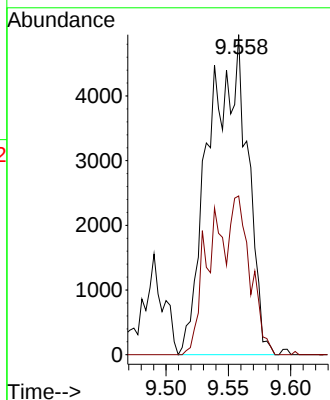
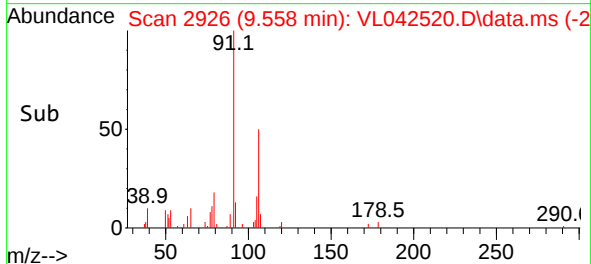
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 91 Resp: 10600
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.2

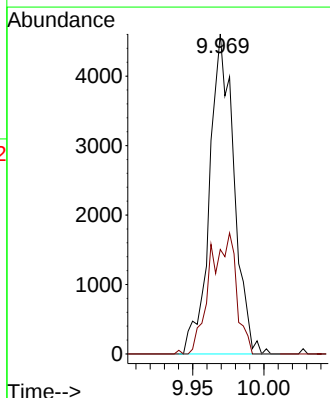
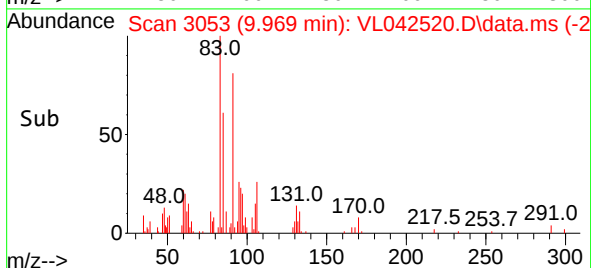
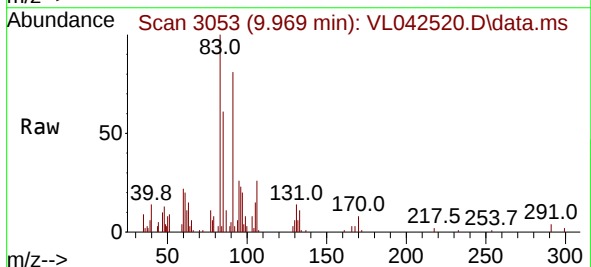
Manual Integrations
APPROVED

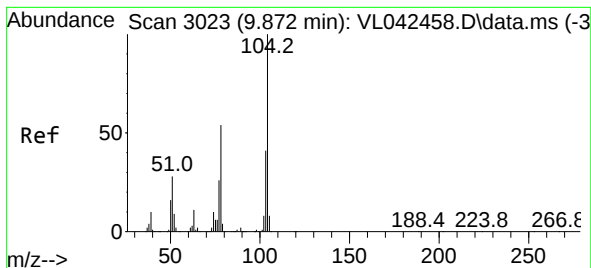
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#60
o-Xylene
Concen: 0.252 ppbv m
RT: 9.969 min Scan# 3053
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 91 Resp: 5511
Ion Ratio Lower Upper
91 100
106 40.9 20.1 60.2





#61

Styrene

Concen: 0.261 ppbv m

RT: 9.882 min Scan# 3023

Delta R.T. 0.010 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

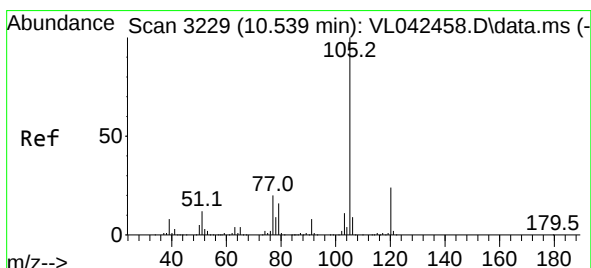
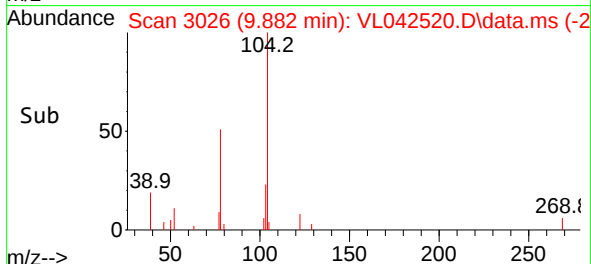
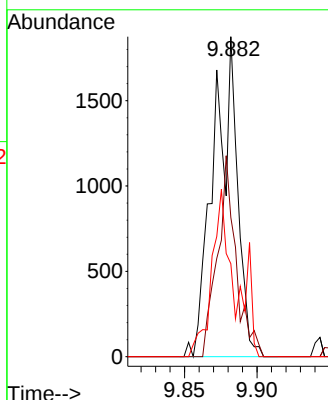
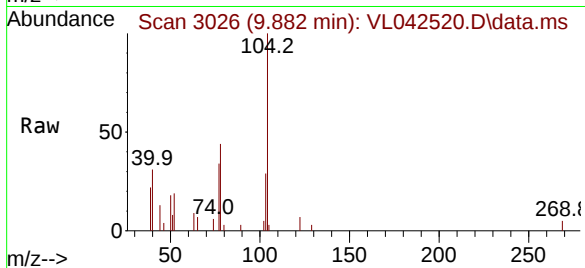
MDL3 0.40

Tgt Ion:104	Resp:	2128
Ion Ratio	Lower	Upper
104	100	
78	49.2	46.9 70.3
103	0.0	36.6 55.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#62

Isopropylbenzene

Concen: 0.310 ppbv

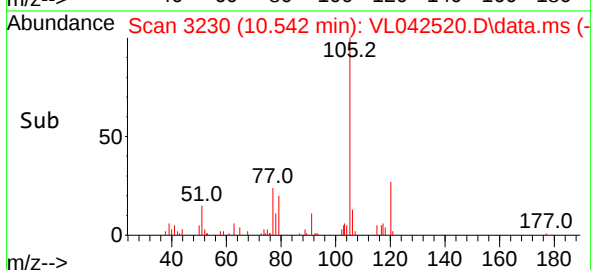
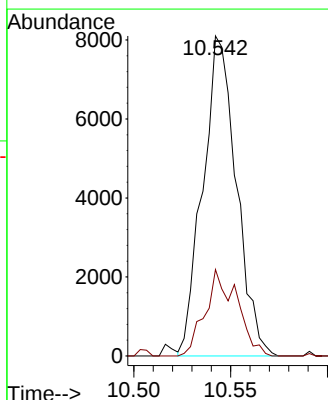
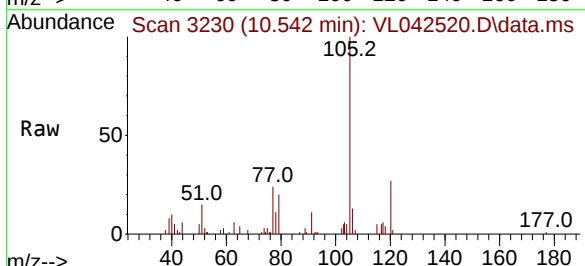
RT: 10.542 min Scan# 3230

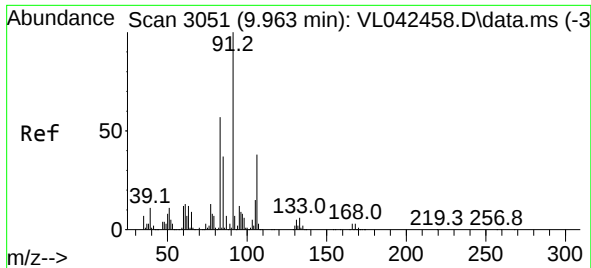
Delta R.T. 0.004 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

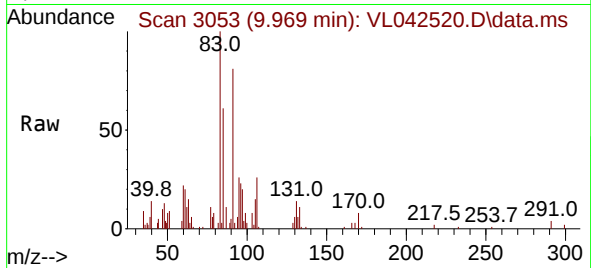
Tgt Ion:105	Resp:	9764
Ion Ratio	Lower	Upper
105	100	
120	26.2	18.8 28.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.489 ppbv
RT: 9.969 min Scan# 3051
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

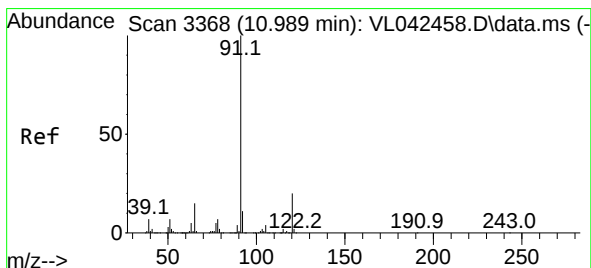
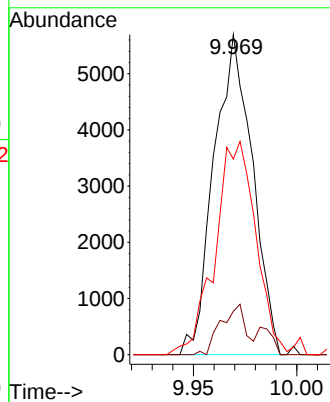
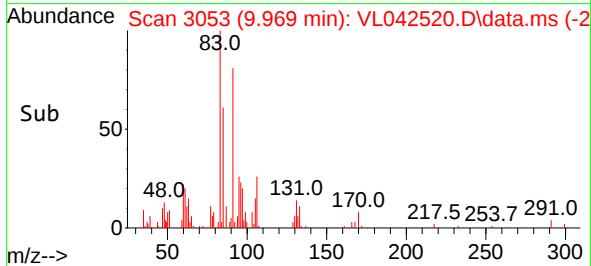
Instrument : MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion: 83 Resp: 737
Ion Ratio Lower Upper
83 100
131 13.5 4.7 14.1
85 71.7 32.5 97.4

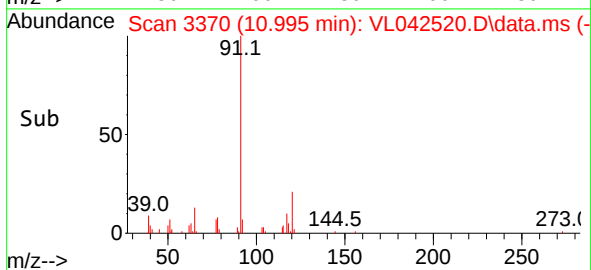
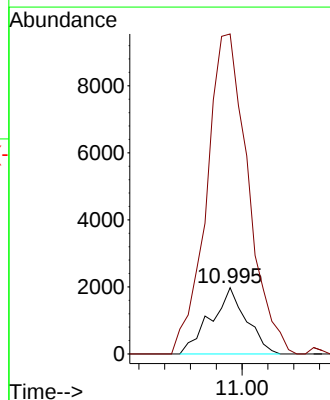
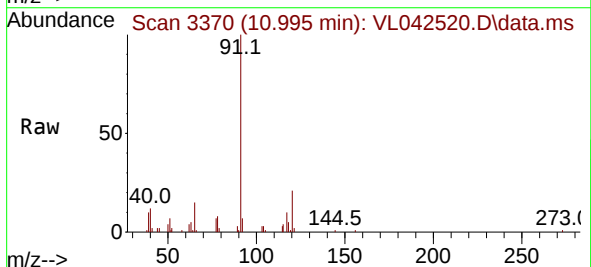
Manual Integrations
APPROVED

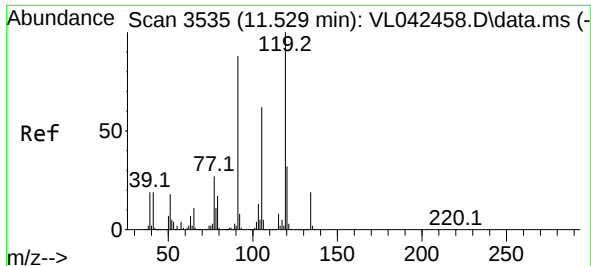
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#64
n-propylbenzene
Concen: 0.247 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion:120 Resp: 1901
Ion Ratio Lower Upper
120 100
91 564.0 408.6 612.8





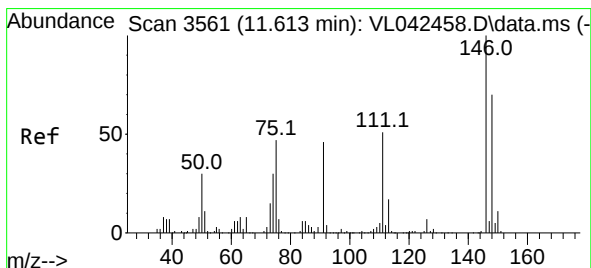
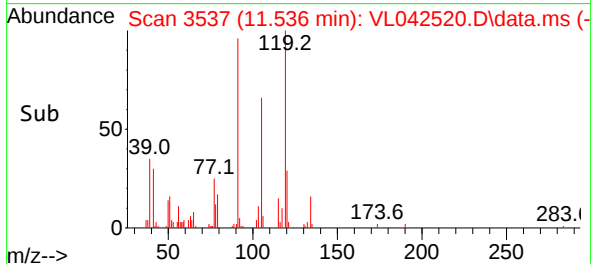
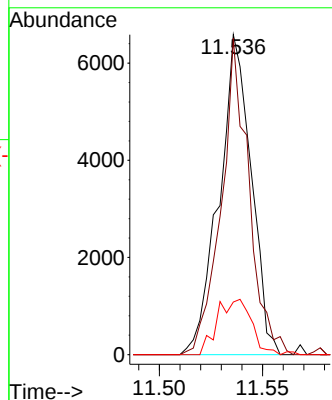
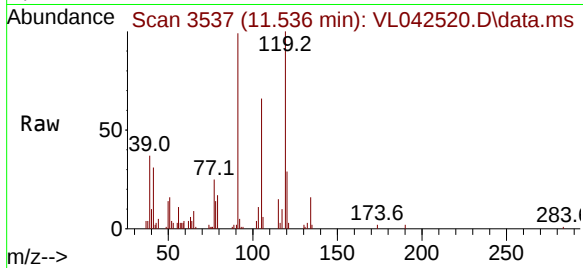
#65
tert-Butylbenzene
Concen: 0.253 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

Tgt Ion:	119	Resp:	712
Ion Ratio	Lower	Upper	
119	100		
91	85.5	71.6	107.4
134	18.7	15.0	22.4

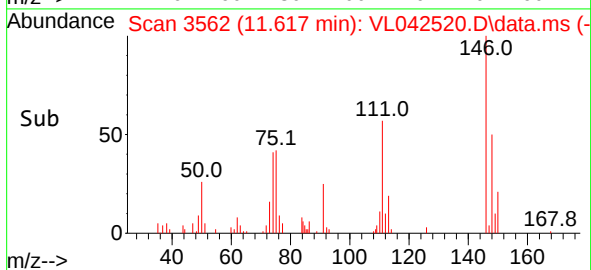
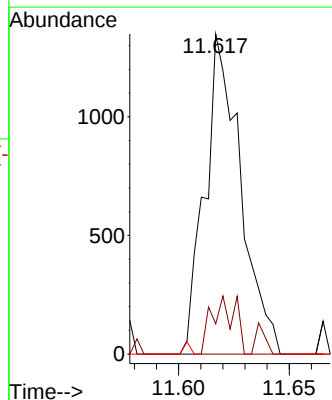
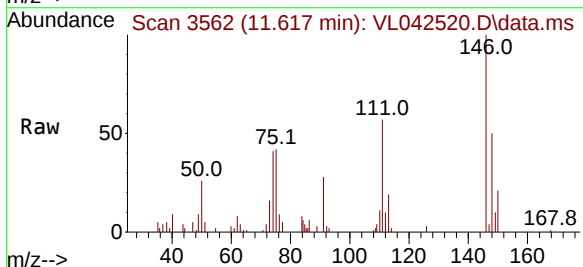
Manual Integrations
APPROVED

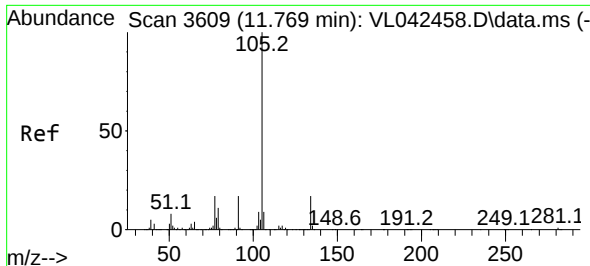
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#66
Benzyl Chloride
Concen: 0.464 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

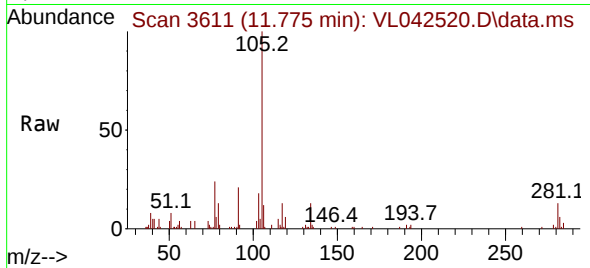
Tgt Ion:	91	Resp:	1510
Ion Ratio	Lower	Upper	
91	100		
126	14.4	13.3	19.9
128	0.0	4.2	6.4





#67
 sec-Butylbenzene
 Concen: 0.264 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.007 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

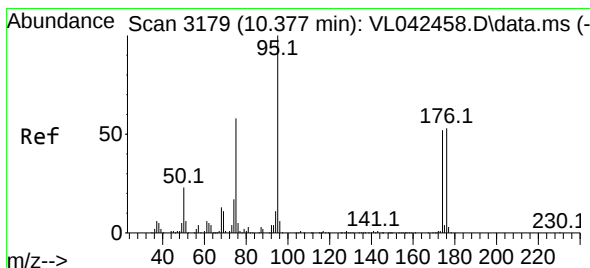
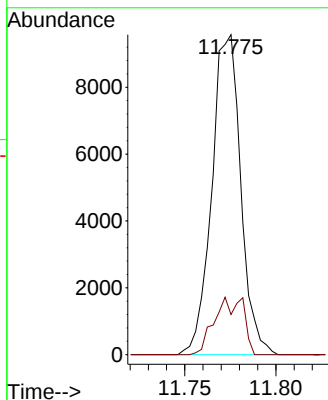
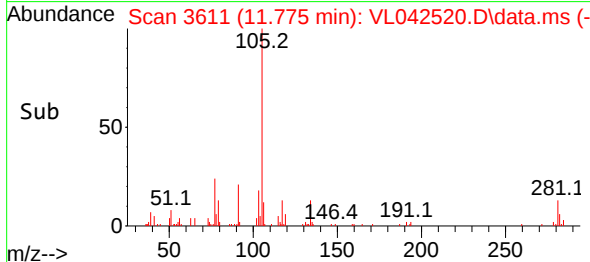
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40



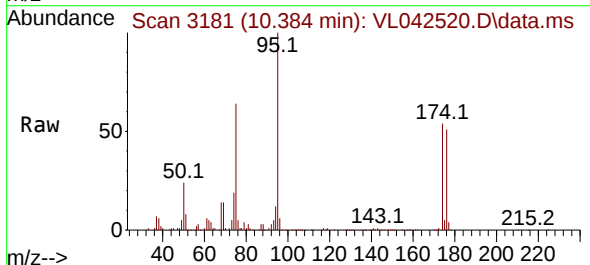
Tgt Ion:105 Resp: 10559
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.1 21.1

Manual Integrations
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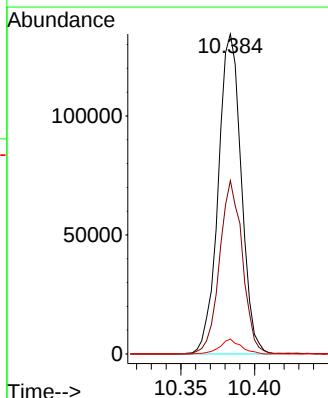
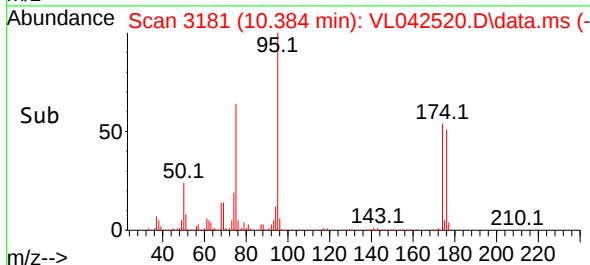
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

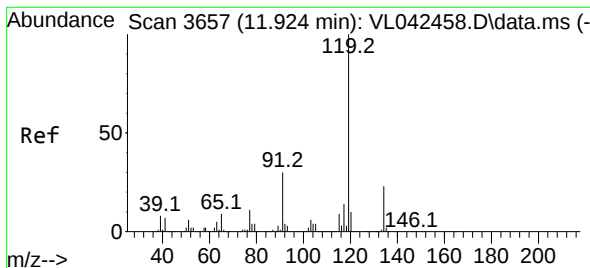


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.094 ppbv
 RT: 10.384 min Scan# 3181
 Delta R.T. 0.007 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13



Tgt Ion: 95 Resp: 145904
 Ion Ratio Lower Upper
 95 100
 174 54.0 42.7 64.1
 175 4.3 3.6 5.4





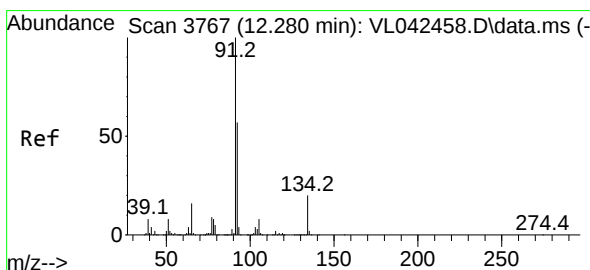
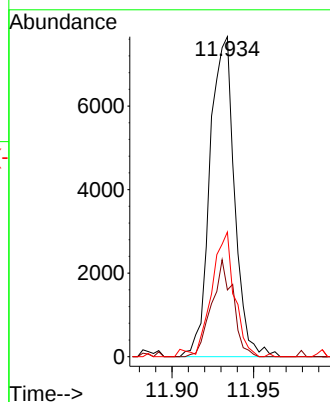
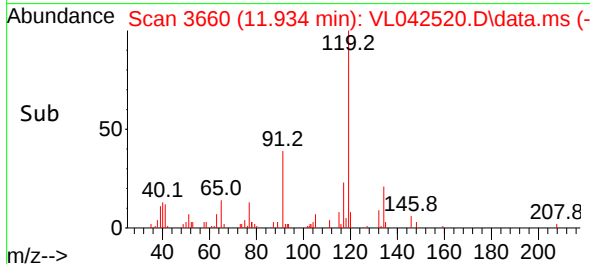
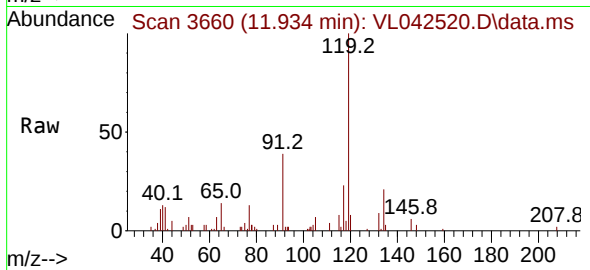
#69
p-Isopropyltoluene
Concen: 0.238 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.010 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

Tgt Ion:119 Resp: 8010
Ion Ratio Lower Upper
119 100
134 26.3 19.0 28.4
91 36.8 25.5 38.3

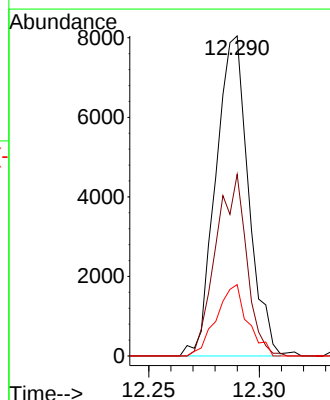
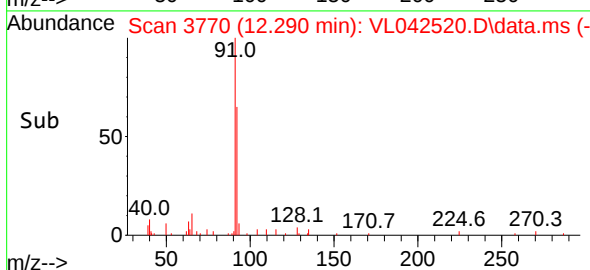
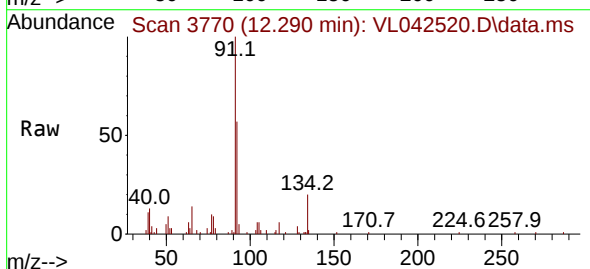
Manual Integrations
APPROVED

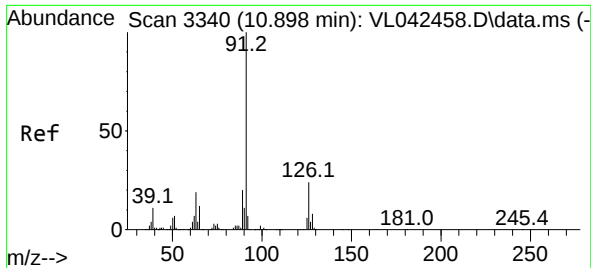
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#70
n-Butylbenzene
Concen: 0.238 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.010 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Tgt Ion: 91 Resp: 8281
Ion Ratio Lower Upper
91 100
92 53.3 44.0 66.0
134 21.3 16.8 25.2





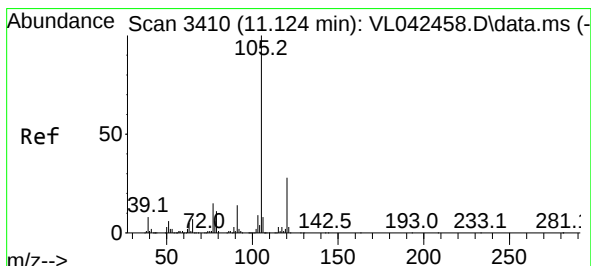
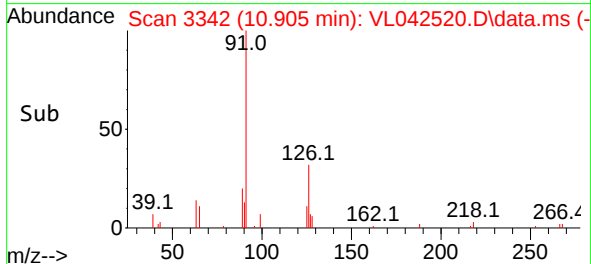
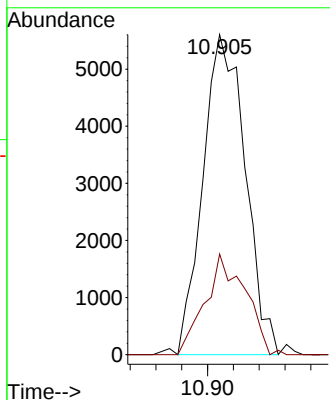
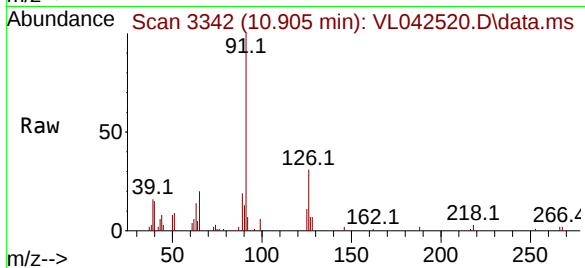
#71
2-Chlorotoluene
Concen: 0.257 ppbv
RT: 10.905 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40

Tgt Ion: 91 Resp: 6370
Ion Ratio Lower Upper
91 100
126 29.9 10.6 42.2

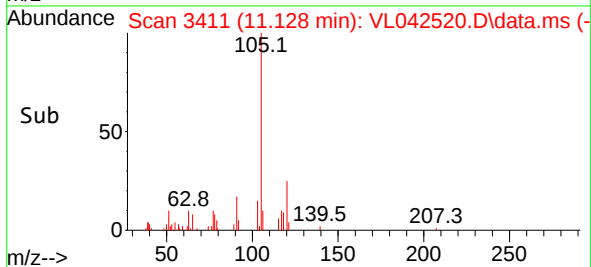
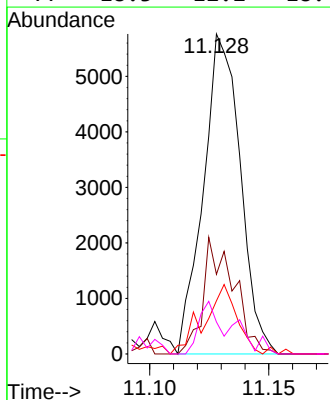
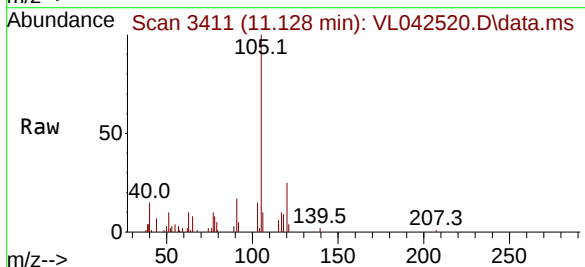
Manual Integrations
APPROVED

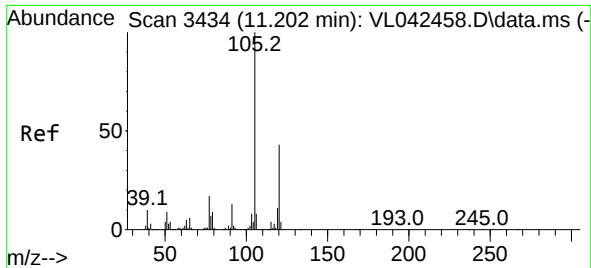
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#72
4-Ethyltoluene
Concen: 0.241 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

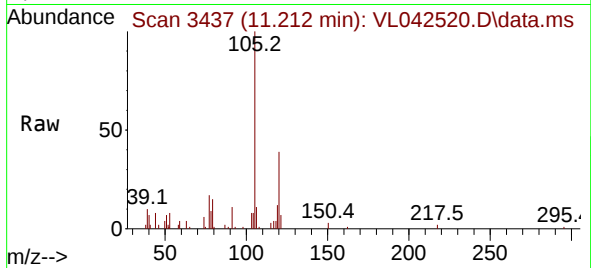
Tgt Ion:105 Resp: 6217
Ion Ratio Lower Upper
105 100
120 31.7 22.0 33.0
91 22.3 11.2 16.8#
77 18.3 12.2 18.4





#73
 1,3,5-Trimethylbenzene
 Concen: 0.247 ppbv
 RT: 11.212 min Scan# 3434
 Delta R.T. 0.010 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

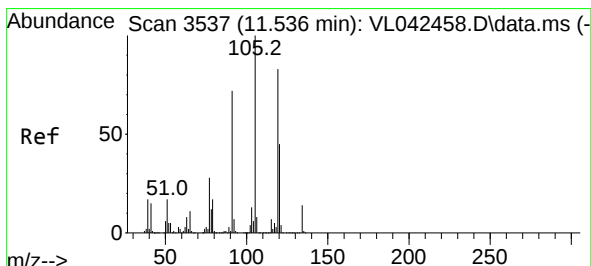
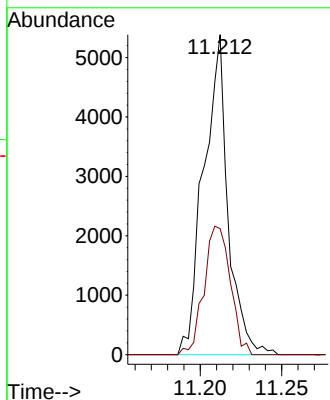
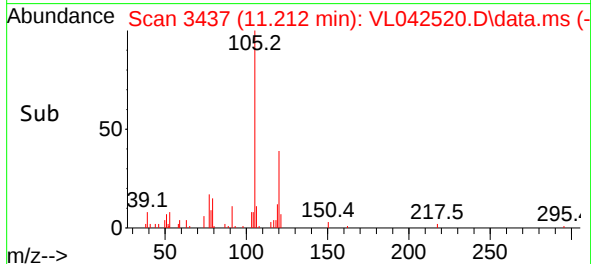
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40



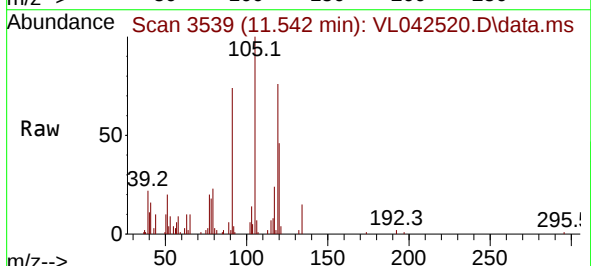
Tgt Ion:105 Resp: 5594
 Ion Ratio Lower Upper
 105 100
 120 39.4 34.4 51.6

Manual Integrations
 APPROVED

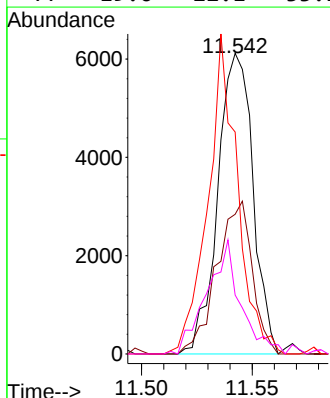
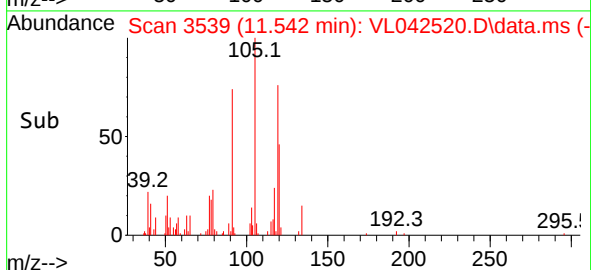
Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

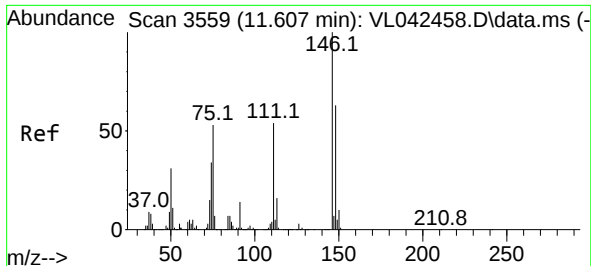


#74
 1,2,4-Trimethylbenzene
 Concen: 0.246 ppbv
 RT: 11.542 min Scan# 3539
 Delta R.T. 0.007 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13



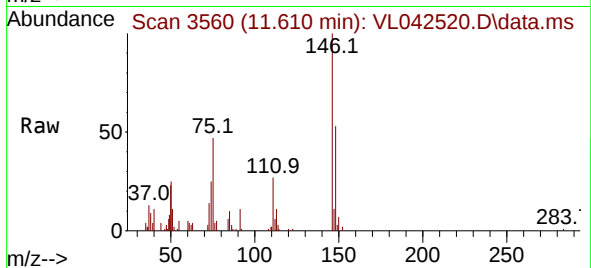
Tgt Ion:105 Resp: 6753
 Ion Ratio Lower Upper
 105 100
 120 46.5 36.1 54.1
 91 72.4 57.6 86.4
 77 19.6 22.1 33.1#





#75
1,3-Dichlorobenzene
Concen: 0.415 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. 0.004 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

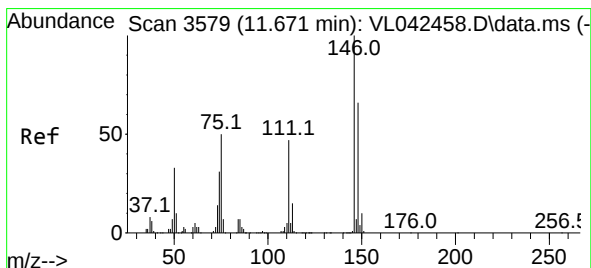
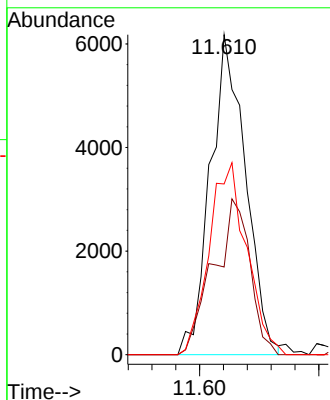
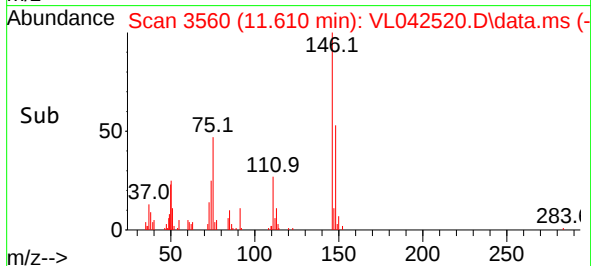
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



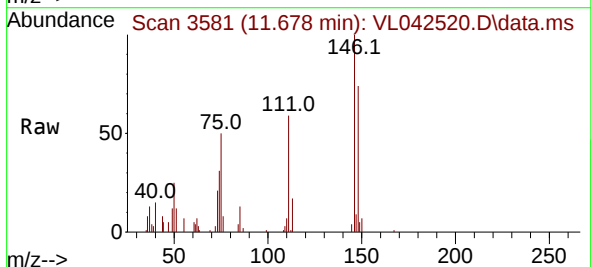
Tgt Ion:146 Resp: 6344
Ion Ratio Lower Upper
146 100
111 50.3 26.1 78.3
148 64.1 32.0 96.0

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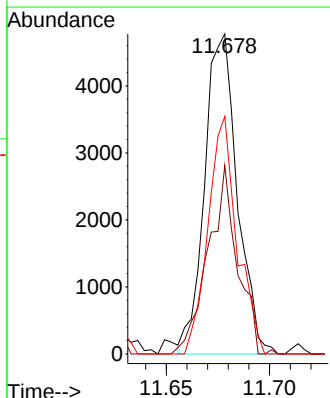
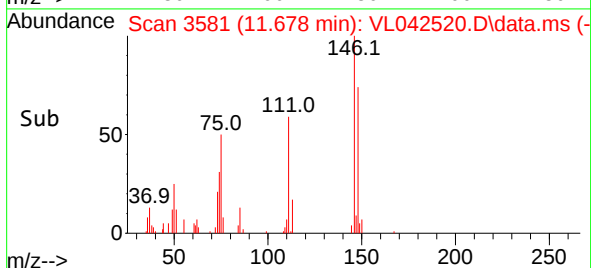
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025

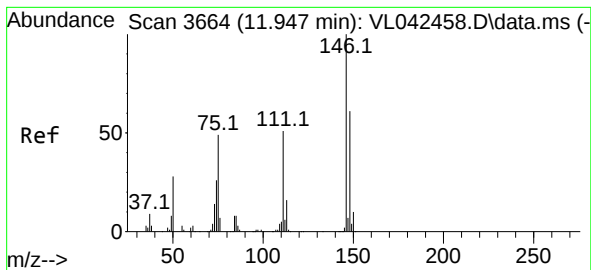


#76
1,4-Dichlorobenzene
Concen: 0.364 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13



Tgt Ion:146 Resp: 5258
Ion Ratio Lower Upper
146 100
111 52.5 24.4 73.2
148 65.9 32.0 96.2





#77

1,2-Dichlorobenzene

Concen: 0.409 ppbv

RT: 11.953 min Scan# 30

Delta R.T. 0.007 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

Instrument :

MSVOA_L

ClientSampleId :

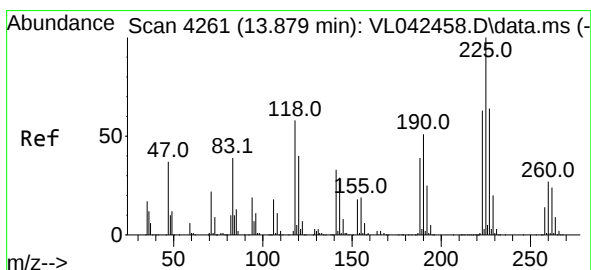
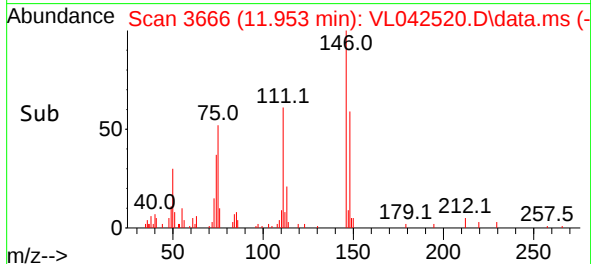
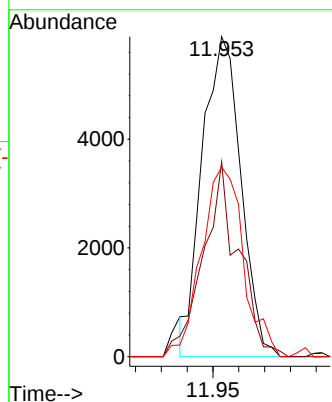
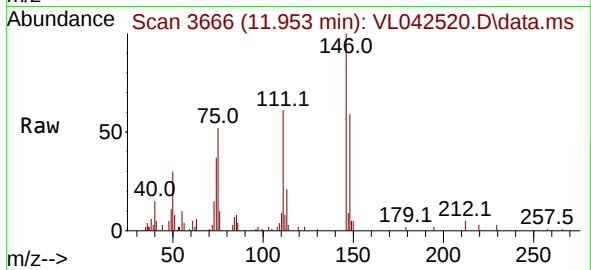
MDL3 0.40

Tgt Ion:146	Resp:	611
Ion Ratio	Lower	Upper
146	100	
111	55.4	26.5 79.5
148	65.1	31.5 94.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#78

Hexachloro-1,3-Butadiene

Concen: 0.436 ppbv

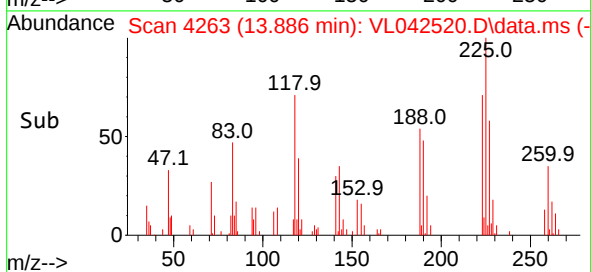
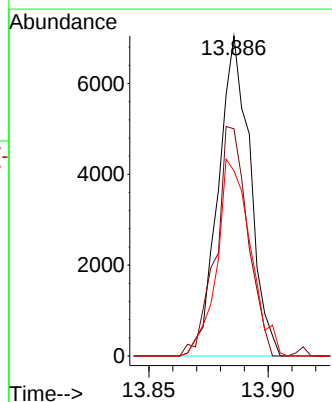
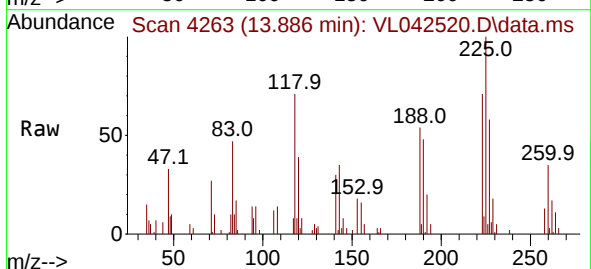
RT: 13.886 min Scan# 4263

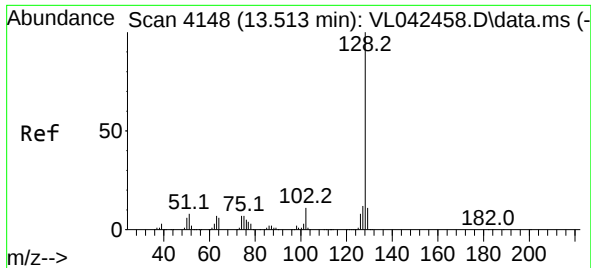
Delta R.T. 0.007 min

Lab File: VL042520.D

Acq: 07 May 2025 16:13

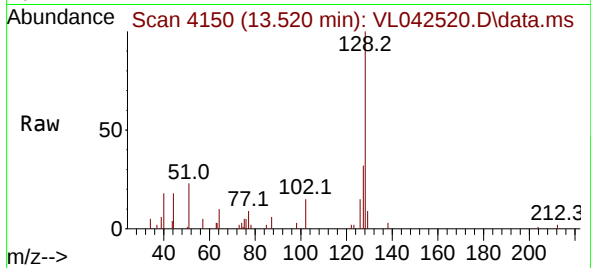
Tgt Ion:225	Resp:	6511
Ion Ratio	Lower	Upper
225	100	
223	72.6	50.2 75.4
227	65.3	51.2 76.8





#79
Naphthalene
Concen: 0.168 ppbv
RT: 13.520 min Scan# 4148
Delta R.T. 0.007 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

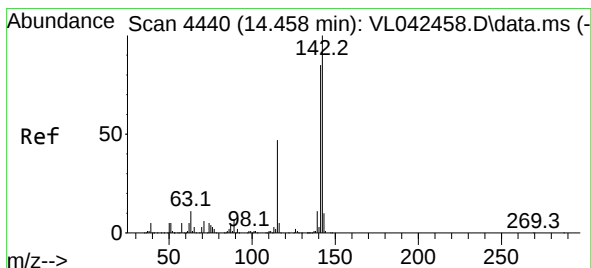
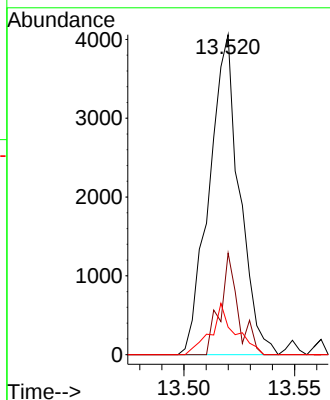
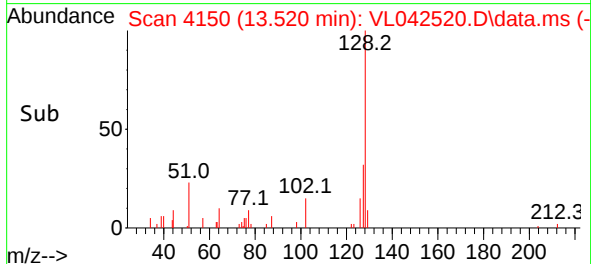
Instrument :
MSVOA_L
ClientSampleId :
MDL3 0.40



Tgt Ion:128 Resp: 3870
Ion Ratio Lower Upper
128 100
127 31.7 9.7 14.5
129 8.6 8.6 13.0

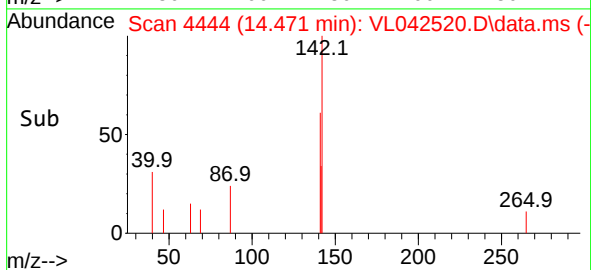
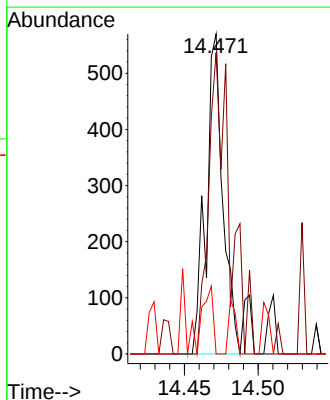
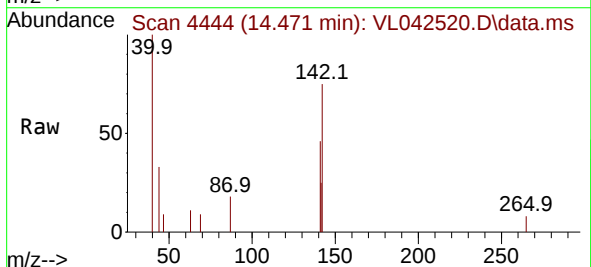
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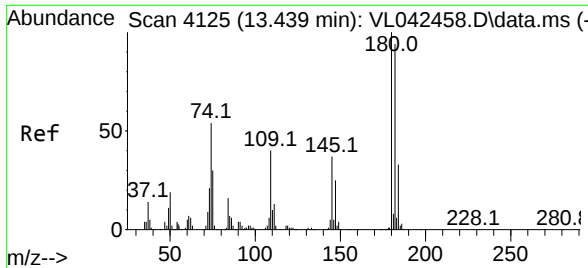
Reviewed By :Semsettin Yesilyurt 05/08/2025
Supervised By :Mahesh Dadoda 05/09/2025



#80
Naphthalene,2-methyl-
Concen: 0.030 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. 0.013 min
Lab File: VL042520.D
Acq: 07 May 2025 16:13

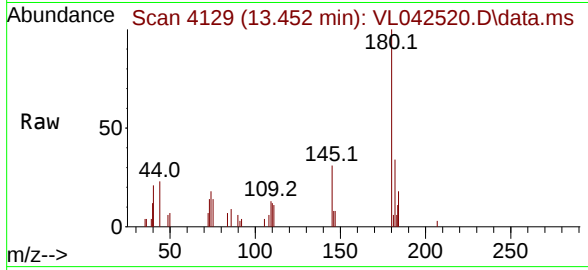
Tgt Ion:142 Resp: 519
Ion Ratio Lower Upper
142 100
141 119.5 67.4 101.0#
115 6.4 36.9 55.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.180 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL042520.D
 Acq: 07 May 2025 16:13

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL3 0.40



Tgt Ion:180 Resp: 221
 Ion Ratio Lower Upper
 180 100
 182 98.3 74.6 111.8
 184 30.3 24.9 37.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/08/2025
 Supervised By :Mahesh Dadoda 05/09/2025

