

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
 Data File : VL042495.D
 Acq On : 06 May 2025 14:26
 Operator : SY/MD
 Sample : MDL1 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.45

Quant Time: May 07 02:21:47 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/07/2025
 Supervised By : Mahesh Dadoda 05/09/2025

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

Internal Standards						
1) Bromochloromethane	2.790	49	65243	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	170299	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	146099	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 135652 10.015 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	7060	0.654	ppbv	89
3) Chlorodifluoromethane	1.476	51	6184	0.542	ppbv	96
4) Chloromethane	1.534	50	2732	0.605	ppbv	94
5) Vinyl Chloride	1.580	62	2470	0.544	ppbv #	71
6) Bromomethane	1.667	94	1524	0.710	ppbv #	76
7) Chloroethane	1.709	64	1335	0.796	ppbv #	80
8) Dichlorotetrafluoroethane	1.554	85	5772	0.649	ppbv	94
9) Propene	1.486	41	1426	0.382	ppbv #	66
10) Heptane	4.991	43	3366m	0.348	ppbv	
11) Trichlorofluoromethane	1.877	101	6160	0.618	ppbv	91
12) 1,1,2-Trichlorotrifluo...	2.143	101	5883	0.740	ppbv	94
13) Ethanol	1.719	45	362m	0.478	ppbv	
14) Bromoethene	1.784	108	1829	0.623	ppbv #	96
15) Acetone	1.839	43	9455	0.794	ppbv	96
16) 1,3-Butadiene	1.609	39	3484	0.663	ppbv	91
17) tert-Butyl alcohol	2.042	59	5729	0.546	ppbv	96
18) 1,1-Dichloroethene	2.033	96	1958	0.527	ppbv	92
19) Isopropyl Alcohol	1.887	45	4538	0.688	ppbv #	1
20) Methylene Chloride	2.062	84	2506	0.700	ppbv #	85
21) Allyl Chloride	2.098	41	4486	0.586	ppbv	86
22) trans-1,2-Dichloroethene	2.343	96	2815	0.649	ppbv	98
23) Vinyl Acetate	2.463	43	4763	0.419	ppbv #	91
24) 1,1-Dichloroethane	2.411	63	5290	0.598	ppbv #	95
25) Ethyl Acetate	2.845	43	7124	0.374	ppbv #	89
26) Hexane	2.829	57	2947m	0.355	ppbv	
27) Carbon Disulfide	2.153	76	4823	0.497	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	2959m	0.593	ppbv	
29) Chloroform	2.848	83	8819	0.566	ppbv	99
30) Cyclohexane	3.852	84	2382m	0.343	ppbv	
31) cis-1,2-Dichloroethene	2.722	61	3566	0.368	ppbv #	87
32) 1,1,1-Trichloroethane	3.373	97	8008	0.474	ppbv	97
34) 2-Butanone	2.564	43	5810	0.472	ppbv #	90
35) Carbon Tetrachloride	3.771	117	9149	0.591	ppbv #	76
36) Benzene	3.661	78	7063	0.439	ppbv #	85
37) 1,2-Dichloroethane	3.221	62	6563	0.530	ppbv	97
38) Trichloroethene	4.544	130	3095m	0.505	ppbv	
39) 1,2-Dichloropropane	4.315	63	3134m	0.521	ppbv	
40) 1,4-Dioxane	4.625	88	1180m	0.419	ppbv	
41) Tetrahydrofuran	3.068	42	2085m	0.356	ppbv	
42) Bromodichloromethane	4.499	83	8467m	0.559	ppbv	
43) Methyl Methacrylate	4.891	69	1859m	0.310	ppbv	
44) 2,2,4-Trimethylpentane	4.641	57	10431m	0.400	ppbv	
45) t-1,3-Dichloropropene	6.425	75	2842m	0.361	ppbv	

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 MSVOA_L
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 MDL1 0.45

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 07 02:21:47 2025

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

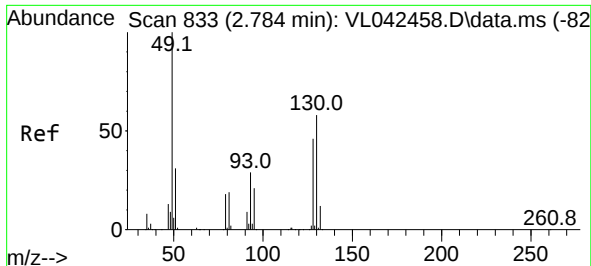
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	3689m	0.395	ppbv	
47) 1,1,2-Trichloroethane	6.593	97	3528m	0.535	ppbv	
48) Dibromochloromethane	7.393	129	5516m	0.495	ppbv	
49) Bromoform	9.496	173	4662m	0.499	ppbv	
50) 4-Methyl-2-Pentanone	5.774	43	5978m	0.384	ppbv	
51) 2-Hexanone	7.454	43	4704m	0.378	ppbv	
52) Tetrachloroethene	8.231	164	2953m	0.483	ppbv	
53) Toluene	6.936	91	5519m	0.324	ppbv	
54) 1,2-Dibromoethane	7.658	107	4996m	0.495	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.933	131	4504	0.522	ppbv #	53
57) Chlorobenzene	8.933	112	8446m	0.575	ppbv	
58) Ethyl Benzene	9.364	91	8364m	0.343	ppbv	
59) m/p-Xylene	9.542	91	13117m	0.641	ppbv	
60) o-Xylene	9.966	91	6504m	0.317	ppbv	
61) Styrene	9.878	104	2382	0.311	ppbv #	79
62) Isopropylbenzene	10.542	105	10906	0.369	ppbv	96
63) 1,1,2,2-Tetrachloroethane	9.972	83	7186	0.509	ppbv	93
64) n-propylbenzene	10.992	120	2494	0.345	ppbv	87
65) tert-Butylbenzene	11.532	119	7960m	0.302	ppbv	
66) Benzyl Chloride	11.623	91	1253m	0.411	ppbv	
67) sec-Butylbenzene	11.775	105	12507	0.334	ppbv	97
69) p-Isopropyltoluene	11.930	119	10141	0.321	ppbv #	93
70) n-Butylbenzene	12.286	91	9641	0.295	ppbv	93
71) 2-Chlorotoluene	10.908	91	8237	0.355	ppbv	100
72) 4-Ethyltoluene	11.131	105	8165	0.338	ppbv	95
73) 1,3,5-Trimethylbenzene	11.209	105	6809	0.320	ppbv	98
74) 1,2,4-Trimethylbenzene	11.542	105	8755	0.341	ppbv #	84
75) 1,3-Dichlorobenzene	11.610	146	7206	0.503	ppbv	95
76) 1,4-Dichlorobenzene	11.675	146	6355	0.469	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	6988	0.499	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	7369	0.527	ppbv	97
79) Naphthalene	13.513	128	5267	0.243	ppbv #	88
80) Naphthalene,2-methyl-	14.458	142	2039	0.127	ppbv #	83
81) 1,2,4-Trichlorobenzene	13.445	180	3453	0.299	ppbv	97

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



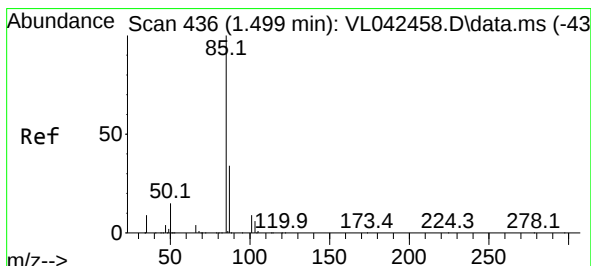
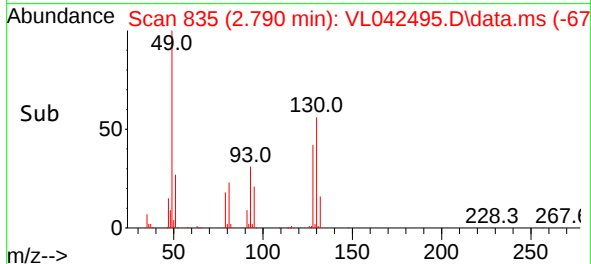
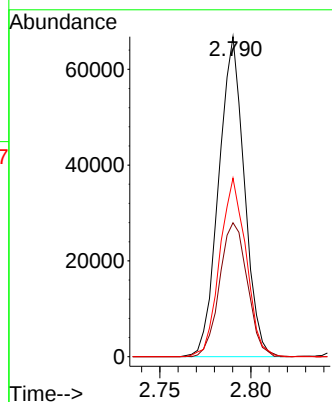
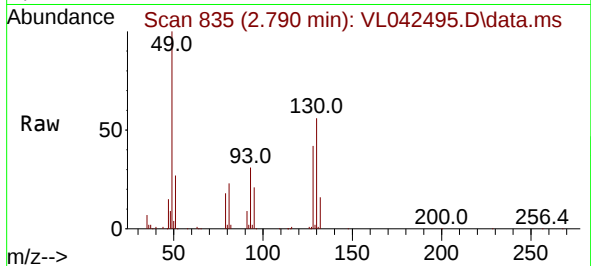
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45

Tgt Ion: 49 Resp: 6524
Ion Ratio Lower Upper
49 100
128 45.3 23.3 69.9
130 57.3 29.5 88.6

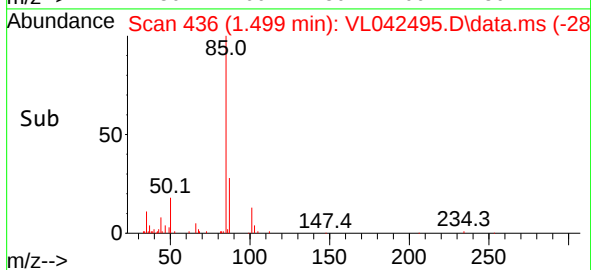
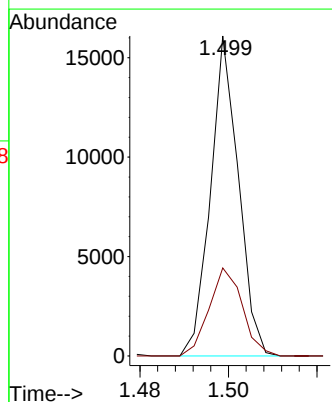
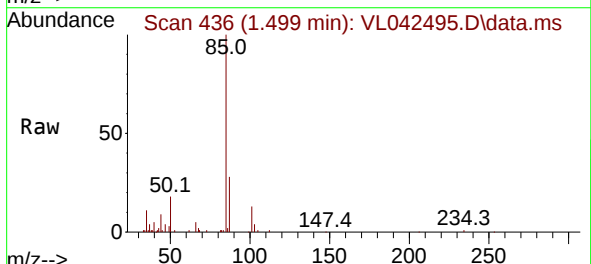
Manual Integrations
APPROVED

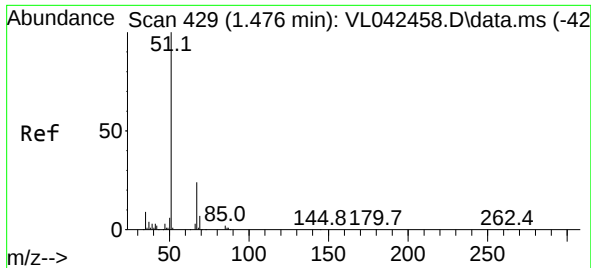
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#2
Dichlorodifluoromethane
Concen: 0.654 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Tgt Ion: 85 Resp: 7060
Ion Ratio Lower Upper
85 100
87 27.5 26.9 40.3





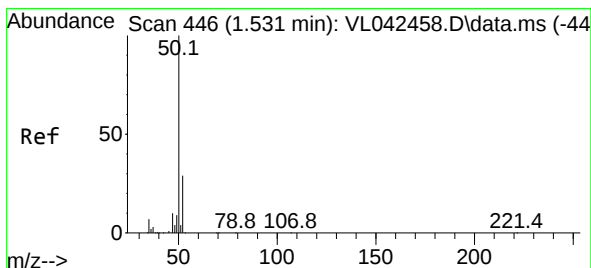
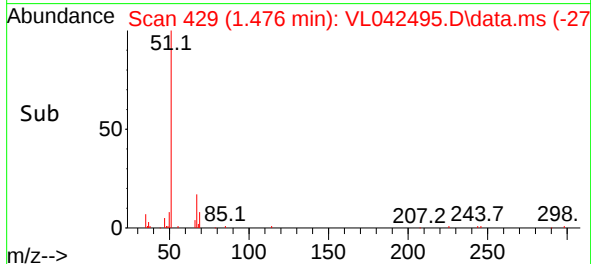
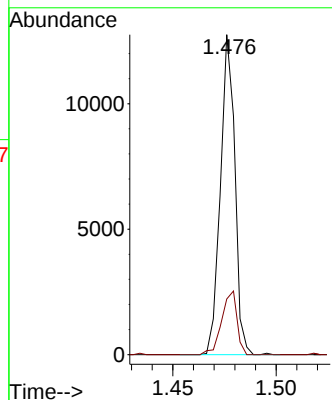
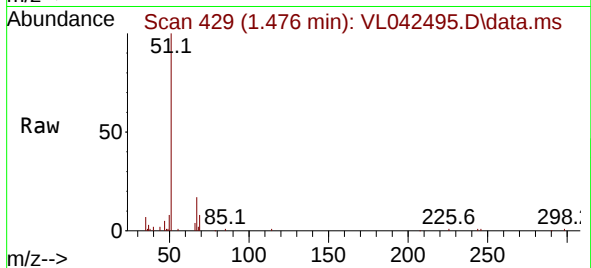
#3
Chlorodifluoromethane
Concen: 0.542 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45

Tgt Ion: 51 Resp: 6184
Ion Ratio Lower Upper
51 100
67 21.0 18.4 27.6

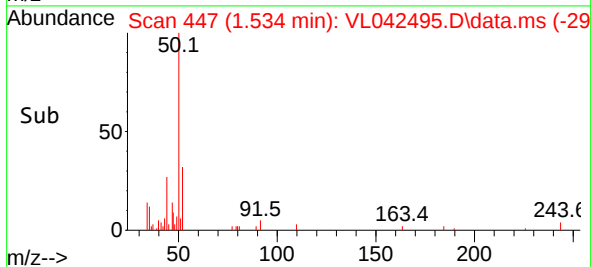
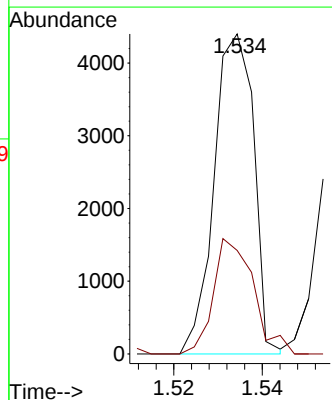
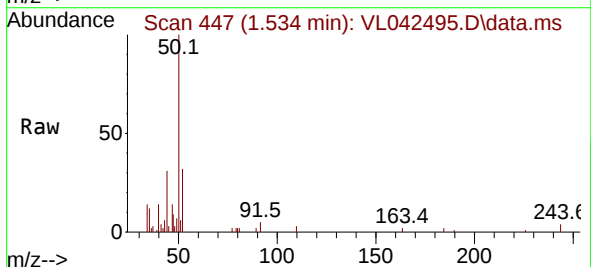
Manual Integrations
APPROVED

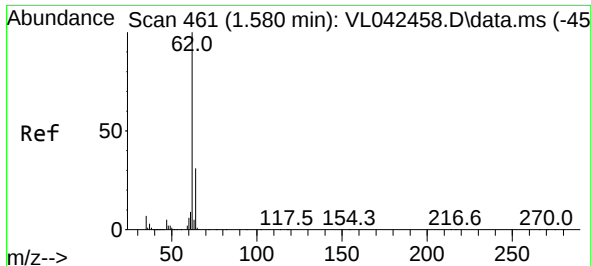
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#4
Chloromethane
Concen: 0.605 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

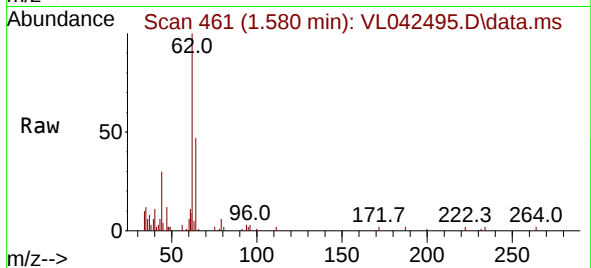
Tgt Ion: 50 Resp: 2732
Ion Ratio Lower Upper
50 100
52 32.4 23.5 35.3





#5
 Vinyl Chloride
 Concen: 0.544 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042495.D
 Acq: 06 May 2025 14:26

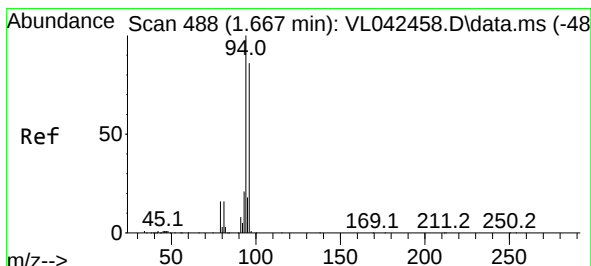
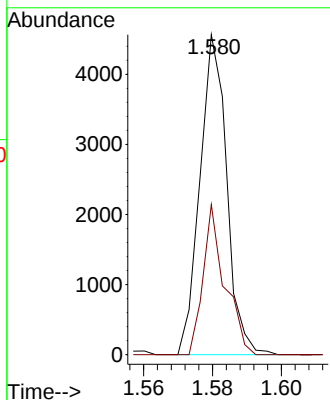
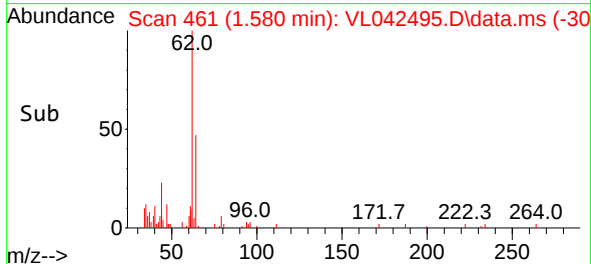
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.45



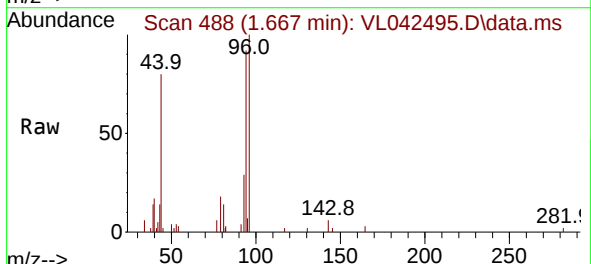
Tgt Ion: 62 Resp: 2470
 Ion Ratio Lower Upper
 62 100
 64 46.9 24.9 37.3

Manual Integrations
 APPROVED

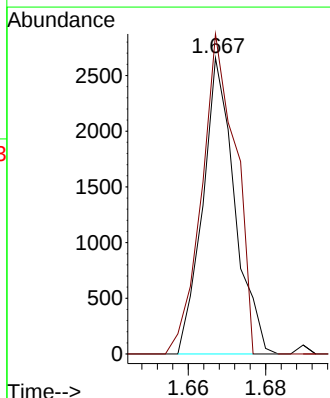
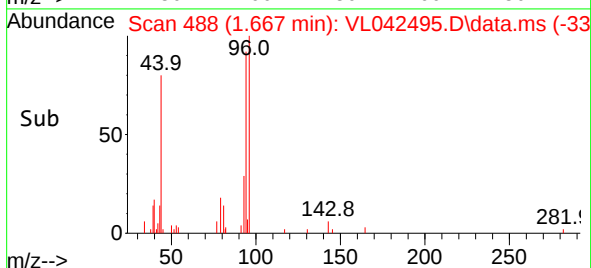
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#6
 Bromomethane
 Concen: 0.710 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042495.D
 Acq: 06 May 2025 14:26



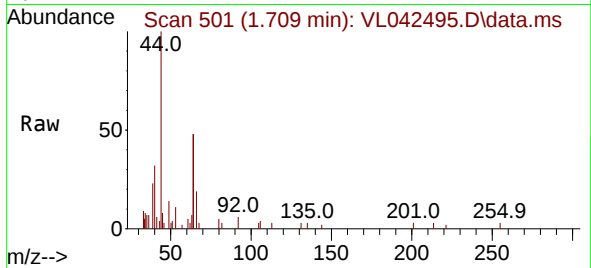
Tgt Ion: 94 Resp: 1524
 Ion Ratio Lower Upper
 94 100
 96 108.1 68.8 103.2





#7
Chloroethane
Concen: 0.796 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

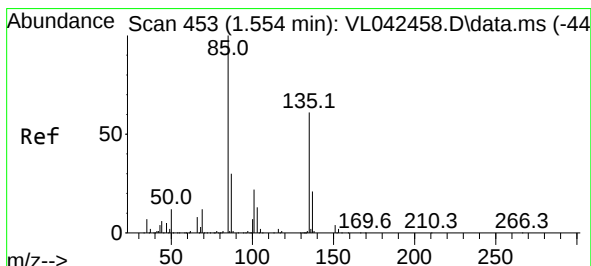
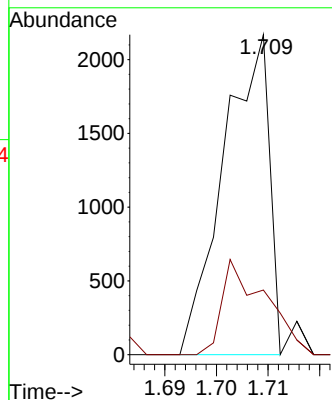
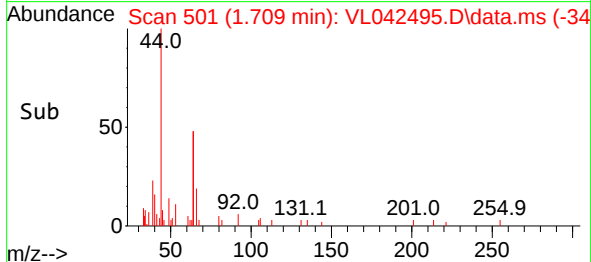
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



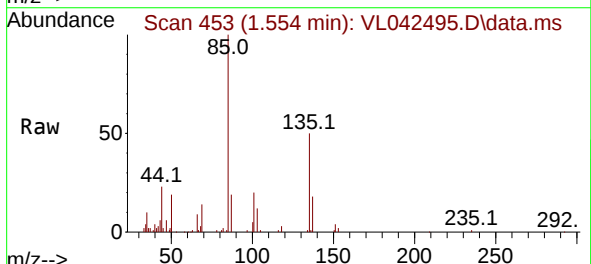
Tgt Ion: 64 Resp: 1338
Ion Ratio Lower Upper
64 100
66 20.2 25.0 37.4

Manual Integrations
APPROVED

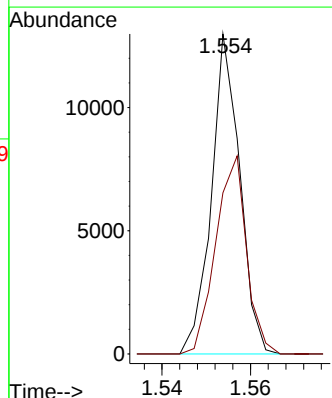
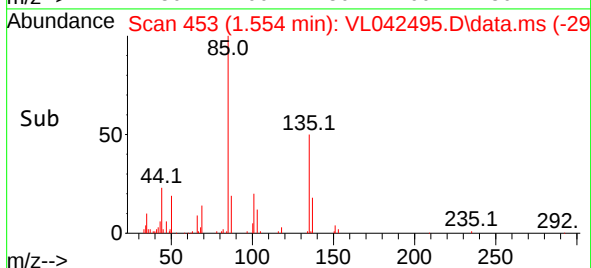
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

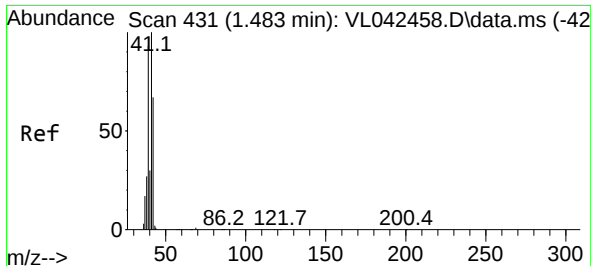


#8
Dichlorotetrafluoroethane
Concen: 0.649 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26



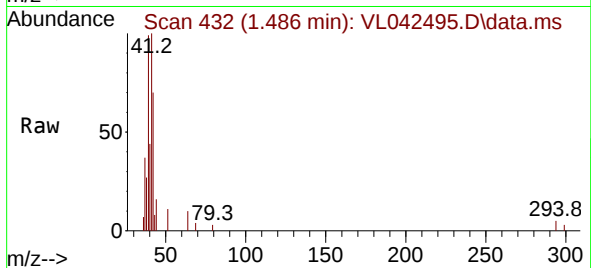
Tgt Ion: 85 Resp: 5772
Ion Ratio Lower Upper
85 100
135 67.1 49.8 74.8





#9
Propene
Concen: 0.382 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

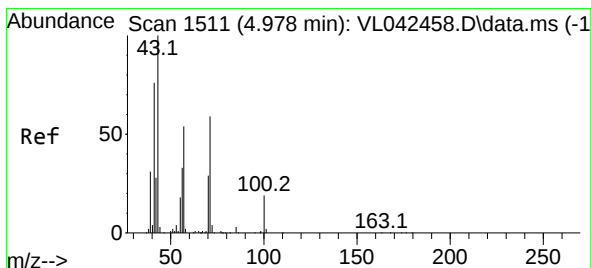
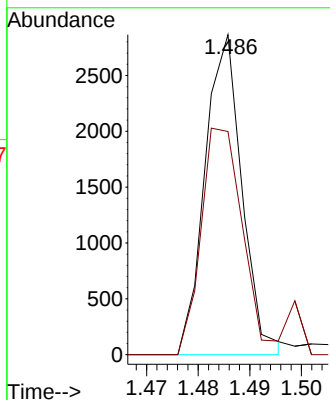
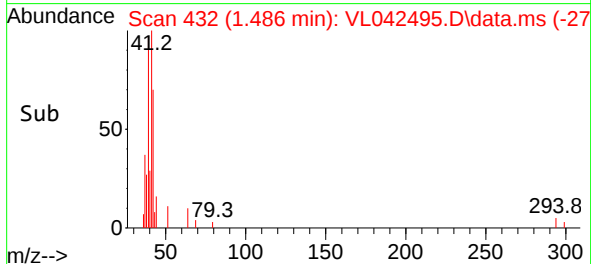
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



Tgt Ion: 41 Resp: 1420
Ion Ratio Lower Upper
41 100
42 95.0 54.3 81.5

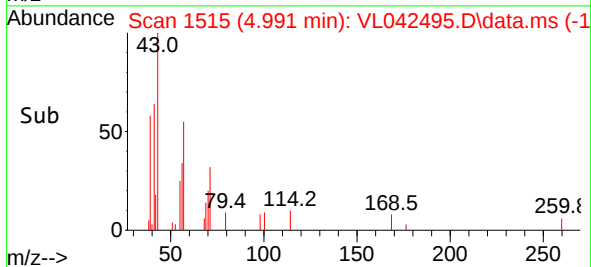
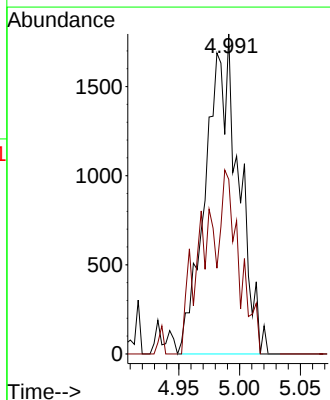
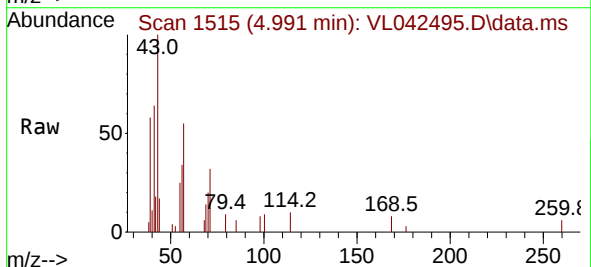
Manual Integrations
APPROVED

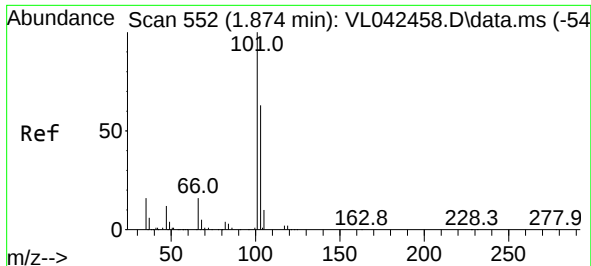
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#10
Heptane
Concen: 0.348 ppbv m
RT: 4.991 min Scan# 1515
Delta R.T. 0.013 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

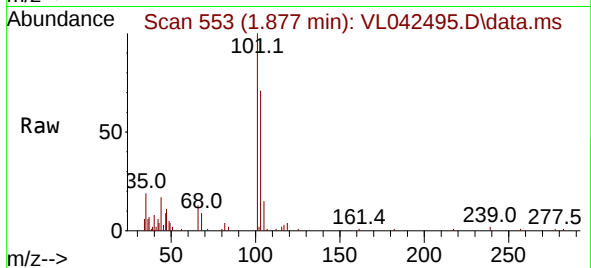
Tgt Ion: 43 Resp: 3366
Ion Ratio Lower Upper
43 100
57 62.4 41.8 62.8





#11
Trichlorofluoromethane
Concen: 0.618 ppbv
RT: 1.877 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

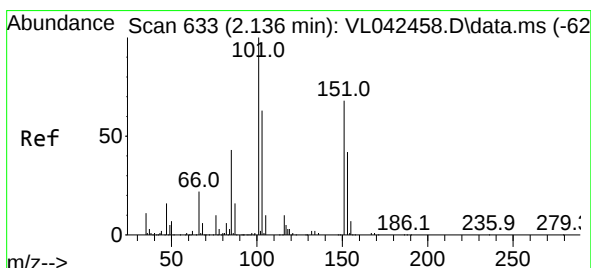
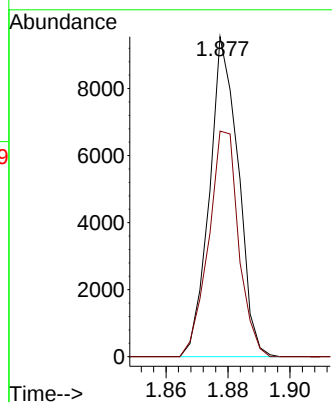
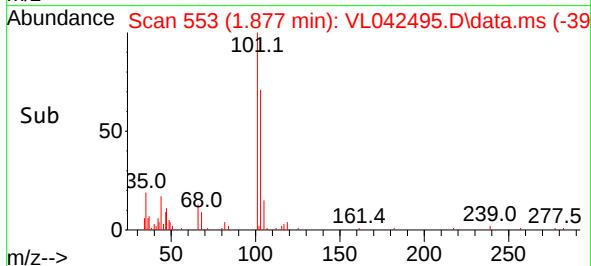
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MSVOA_L
ClientSampleId :
MDL1 0.45



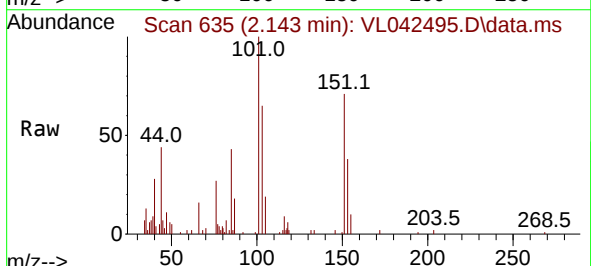
Tgt Ion:101 Resp: 6160
Ion Ratio Lower Upper
101 100
103 70.5 50.6 76.0

Manual Integrations
APPROVED

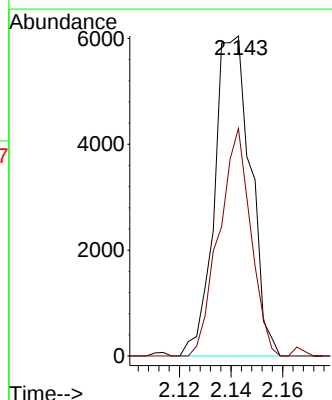
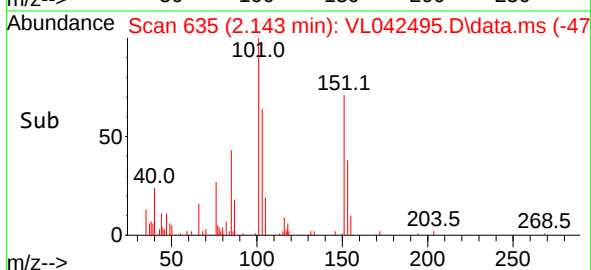
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

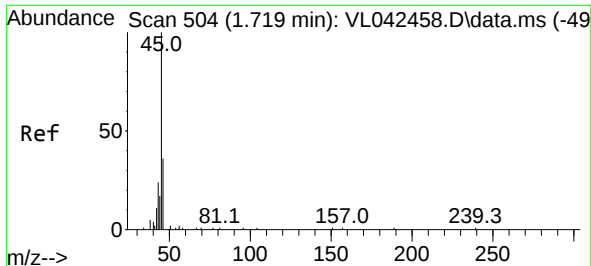


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.740 ppbv
RT: 2.143 min Scan# 635
Delta R.T. 0.006 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26



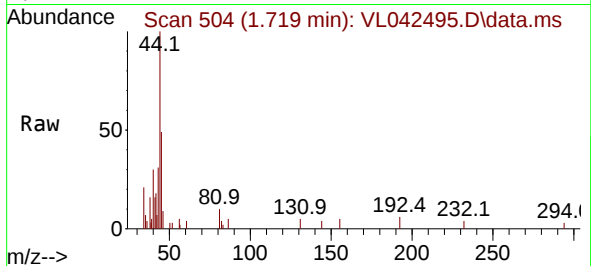
Tgt Ion:101 Resp: 5883
Ion Ratio Lower Upper
101 100
151 63.4 54.6 82.0





#13
Ethanol
Concen: 0.478 ppbv m
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

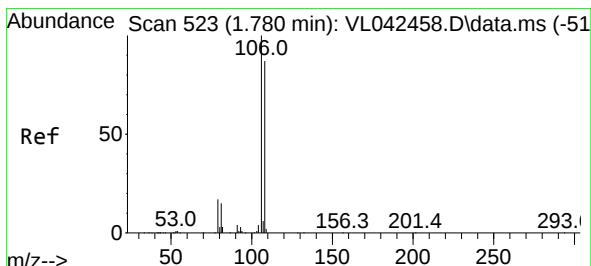
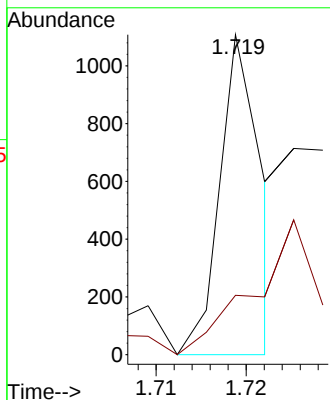
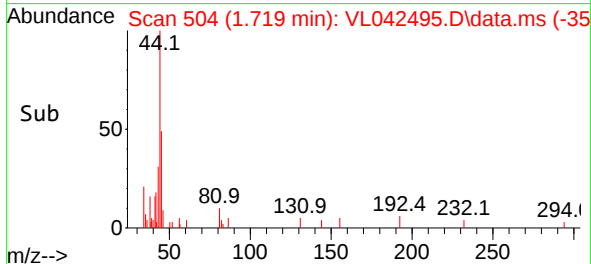
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



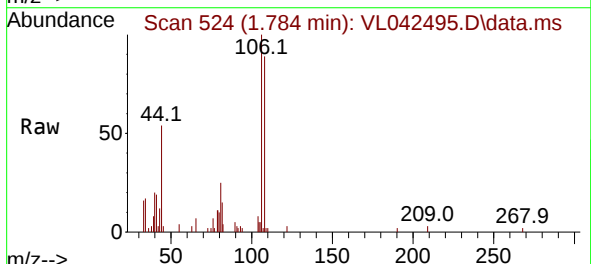
Tgt Ion: 45 Resp: 362
Ion Ratio Lower Upper
45 100
46 73.8 15.3 61.1

Manual Integrations
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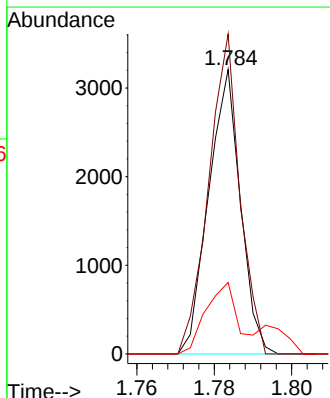
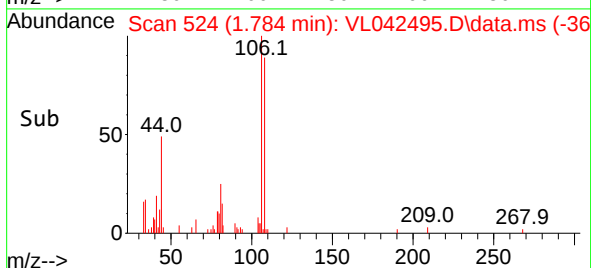
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

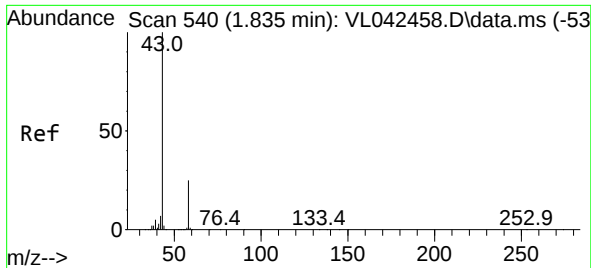


#14
Bromoethene
Concen: 0.623 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26



Tgt Ion:108 Resp: 1829
Ion Ratio Lower Upper
108 100
106 110.9 88.8 133.2
79 34.0 17.1 25.7





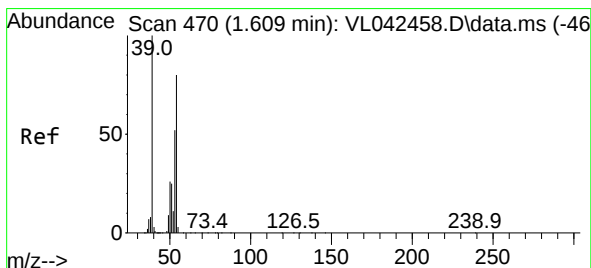
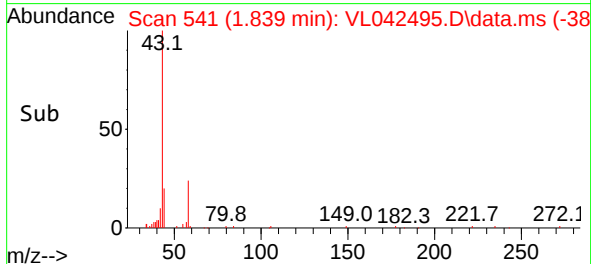
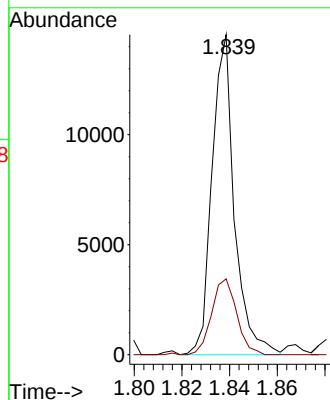
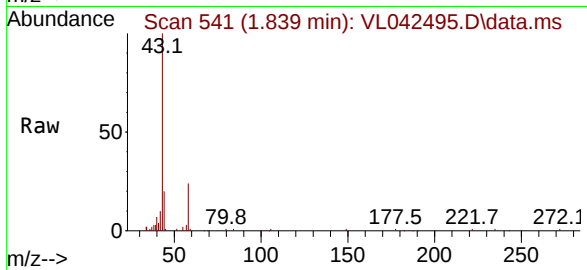
#15
Acetone
Concen: 0.794 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45

Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
58 26.6 19.8 29.8

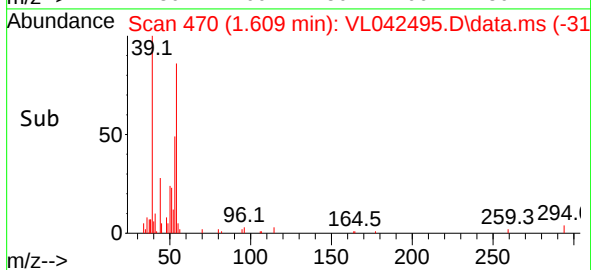
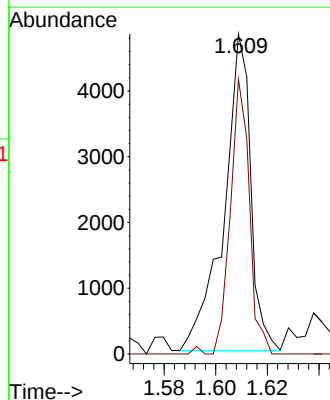
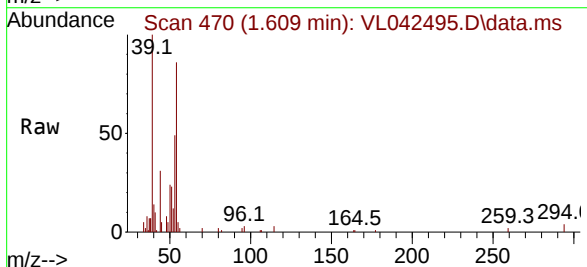
Manual Integrations
APPROVED

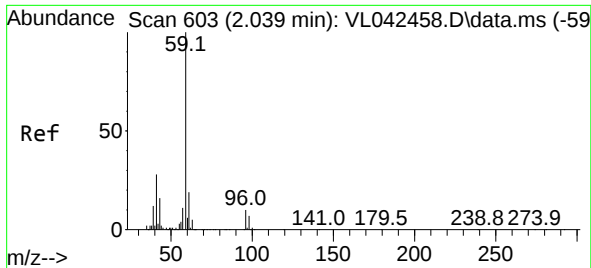
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#16
1,3-Butadiene
Concen: 0.663 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Tgt Ion: 39 Resp: 3484
Ion Ratio Lower Upper
39 100
54 61.8 55.2 82.8





#17

tert-Butyl alcohol

Concen: 0.546 ppbv

RT: 2.042 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.45

Tgt Ion: 59 Resp: 5729

Ion Ratio Lower Upper

59 100

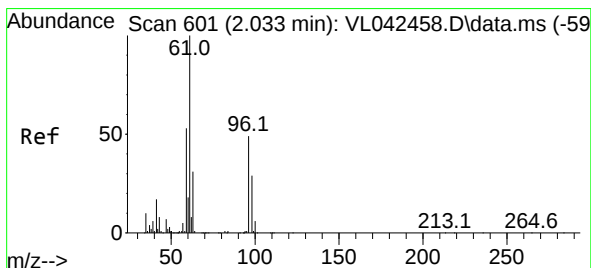
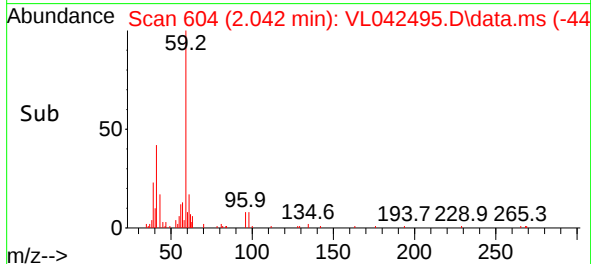
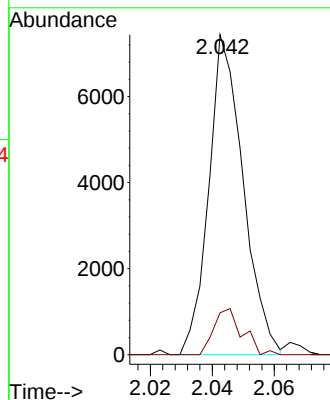
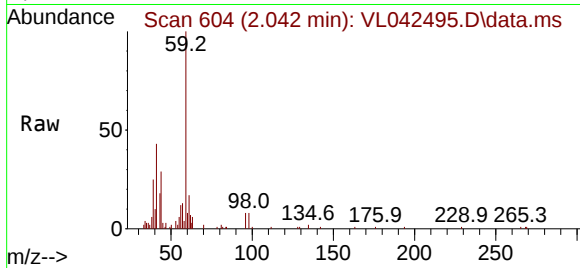
57 11.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#18

1,1-Dichloroethene

Concen: 0.527 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

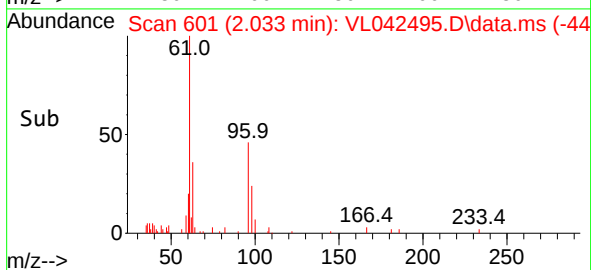
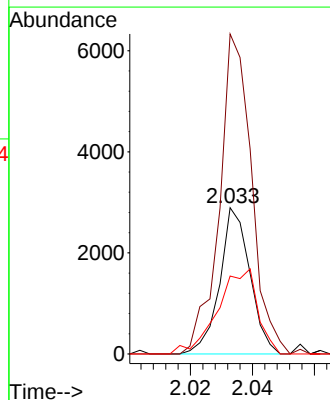
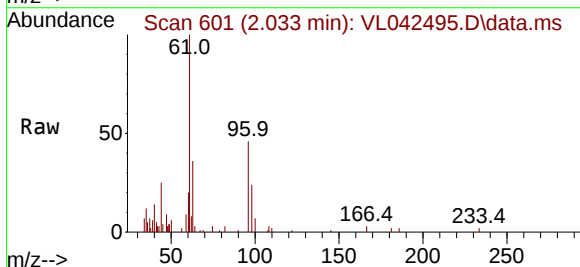
Tgt Ion: 96 Resp: 1958

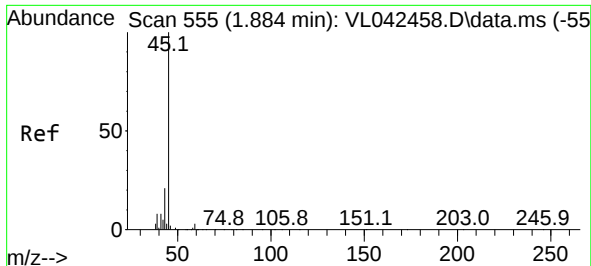
Ion Ratio Lower Upper

96 100

61 218.9 164.9 247.3

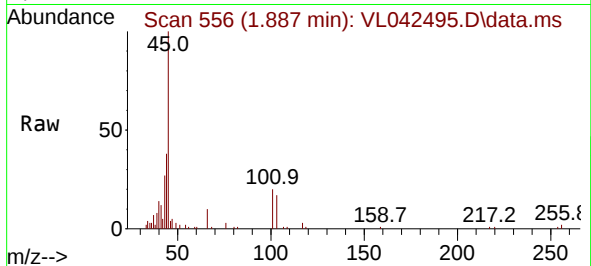
98 53.3 48.2 72.2





#19
Isopropyl Alcohol
Concen: 0.688 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

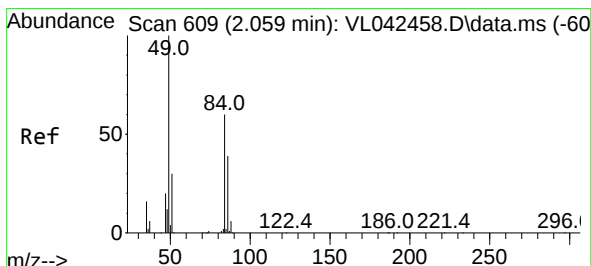
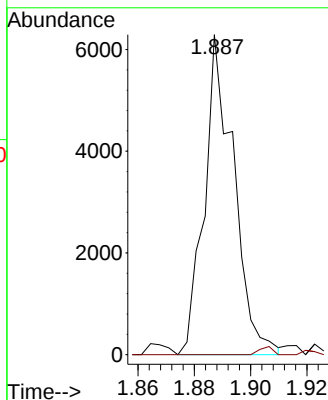
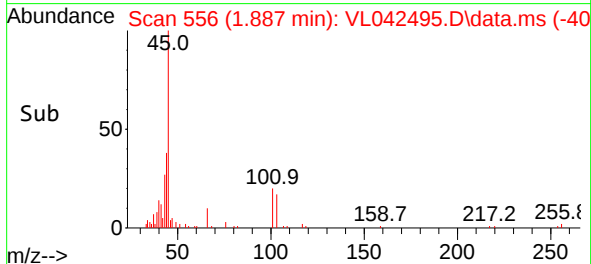
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



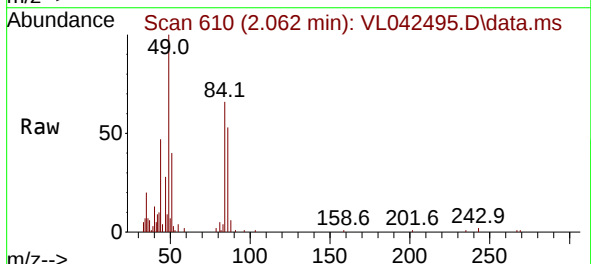
Tgt Ion: 45 Resp: 4538
Ion Ratio Lower Upper
45 100
58 55.5 1.6 2.4

Manual Integrations
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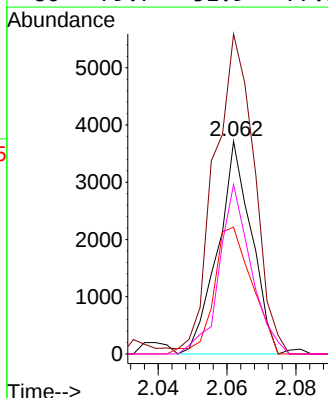
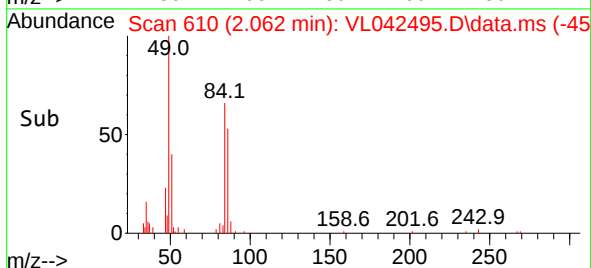
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

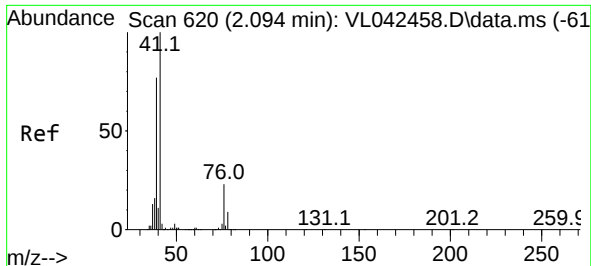


#20
Methylene Chloride
Concen: 0.700 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26



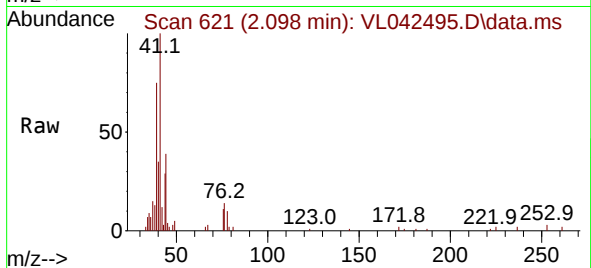
Tgt Ion: 84 Resp: 2506
Ion Ratio Lower Upper
84 100
49 148.0 133.9 200.9
51 59.6 41.0 61.6
86 79.7 51.9 77.9





#21
 Allyl Chloride
 Concen: 0.586 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042495.D
 Acq: 06 May 2025 14:26

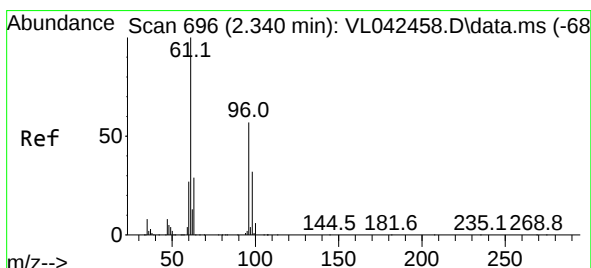
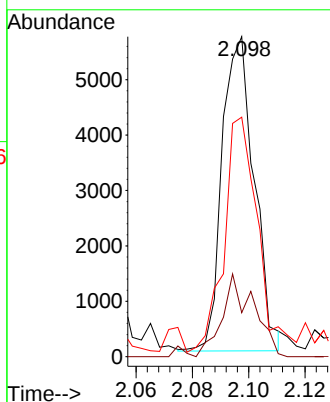
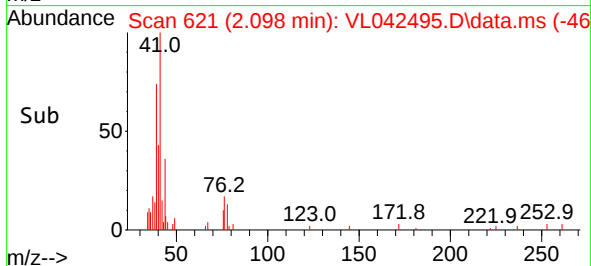
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.45



Tgt Ion: 41 Resp: 4480
 Ion Ratio Lower Upper
 41 100
 76 27.0 19.6 29.4
 39 91.2 61.0 91.4

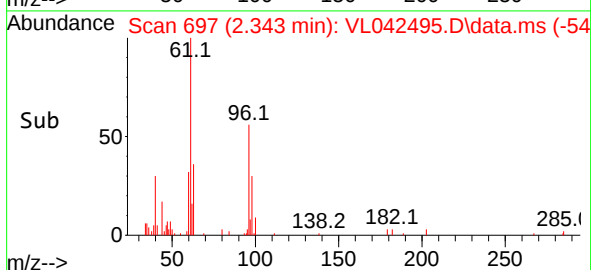
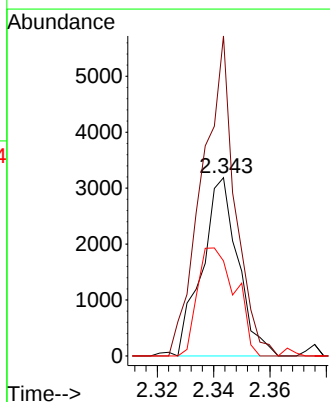
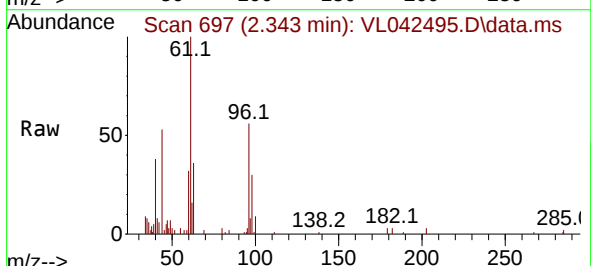
Manual Integrations
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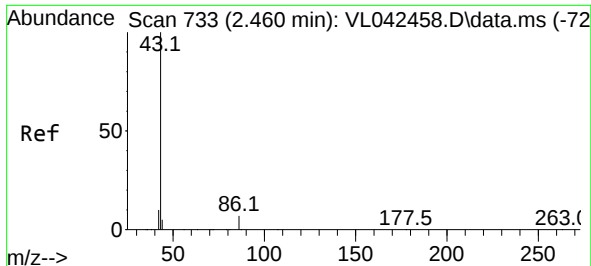
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 0.649 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. 0.003 min
 Lab File: VL042495.D
 Acq: 06 May 2025 14:26

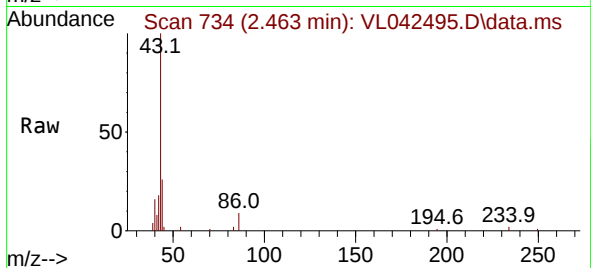
Tgt Ion: 96 Resp: 2815
 Ion Ratio Lower Upper
 96 100
 61 179.5 141.8 212.6
 98 53.3 45.0 67.6





#23
 Vinyl Acetate
 Concen: 0.419 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042495.D
 Acq: 06 May 2025 14:26

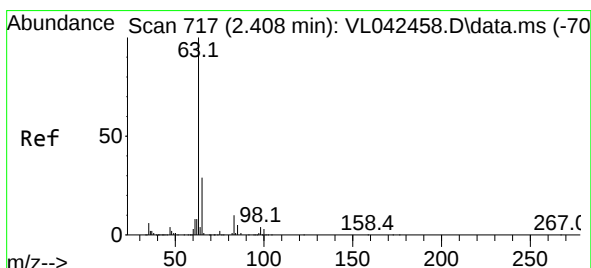
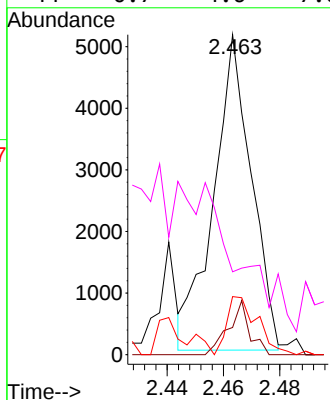
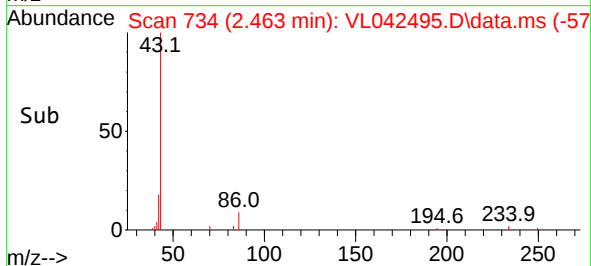
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.45



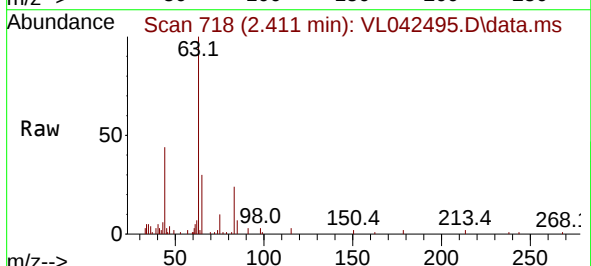
Tgt Ion: 43 Resp: 476
 Ion Ratio Lower Upper
 43 100
 86 8.8 5.5 8.3
 42 13.6 8.3 12.5
 44 0.7 4.6 7.0#

Manual Integrations
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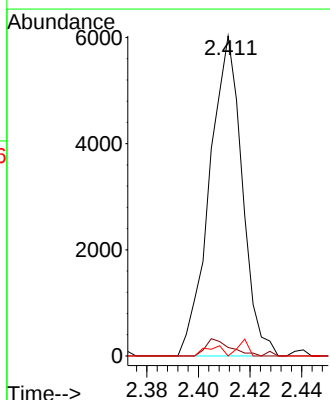
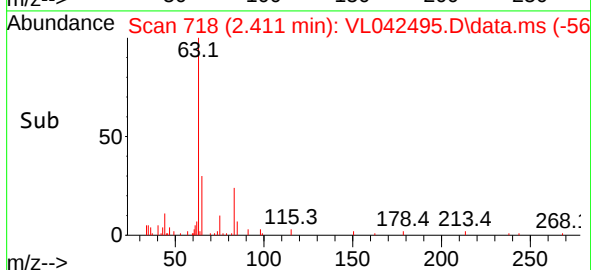
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

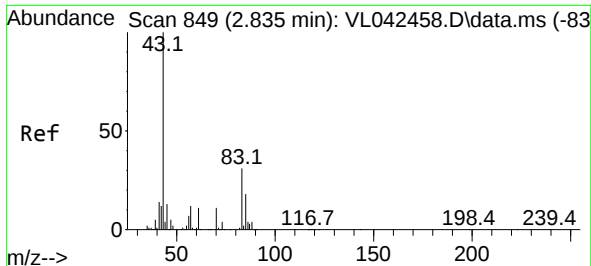


#24
 1,1-Dichloroethane
 Concen: 0.598 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042495.D
 Acq: 06 May 2025 14:26



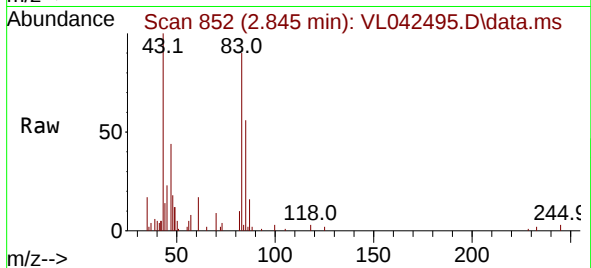
Tgt Ion: 63 Resp: 5290
 Ion Ratio Lower Upper
 63 100
 98 2.6 1.8 5.5
 100 0.0 1.4 4.2#





#25
Ethyl Acetate
Concen: 0.374 ppbv
RT: 2.845 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

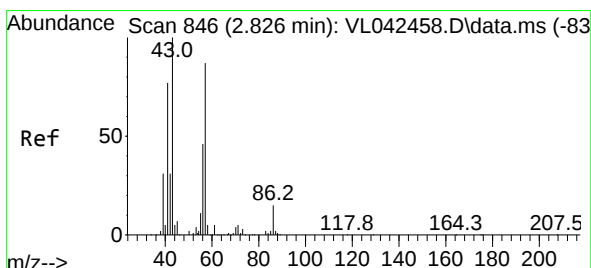
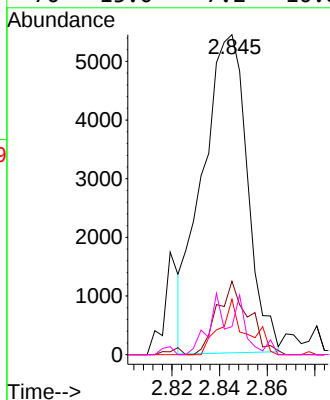
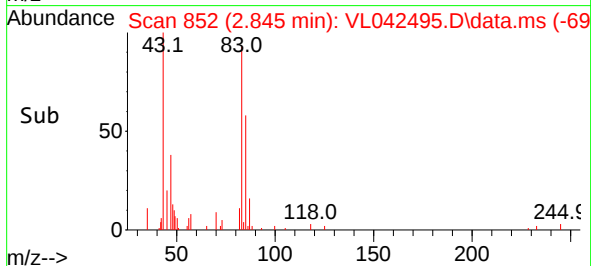
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



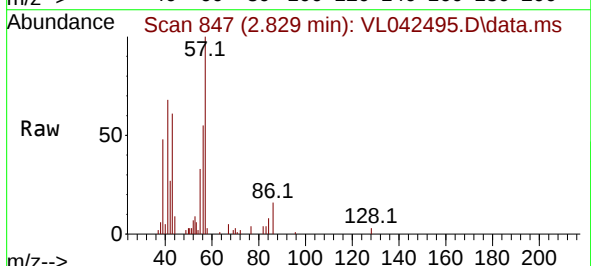
Tgt Ion: 43 Resp: 7124
Ion Ratio Lower Upper
43 100
45 16.8 7.8 11.6#
61 10.1 7.2 10.8#
70 13.0 7.2 10.8#

Manual Integrations
APPROVED

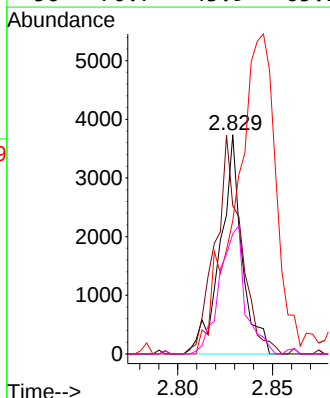
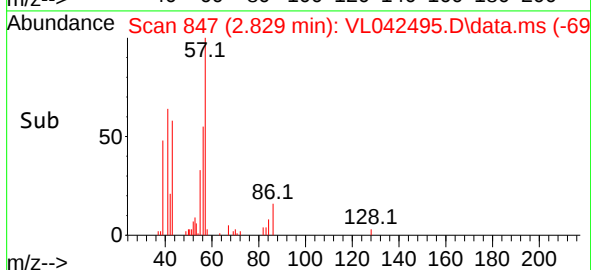
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

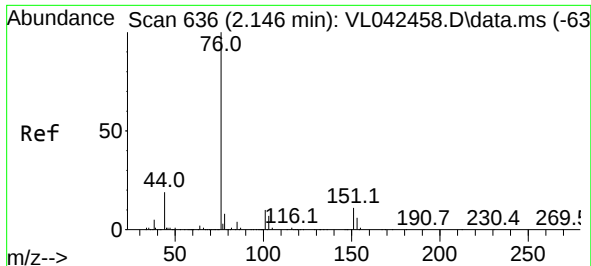


#26
Hexane
Concen: 0.355 ppbv m
RT: 2.829 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26



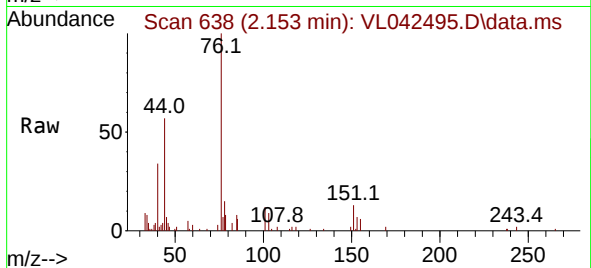
Tgt Ion: 57 Resp: 2947
Ion Ratio Lower Upper
57 100
41 119.3 77.8 116.8#
43 281.5 187.0 280.6#
56 70.7 43.9 65.9#





#27
Carbon Disulfide
Concen: 0.497 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

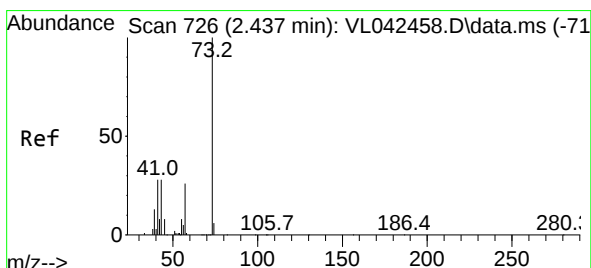
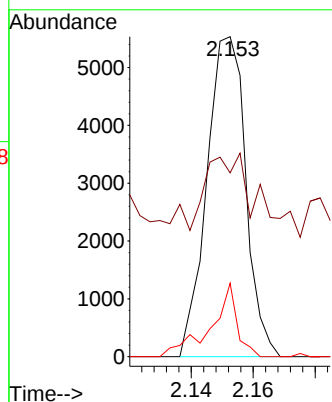
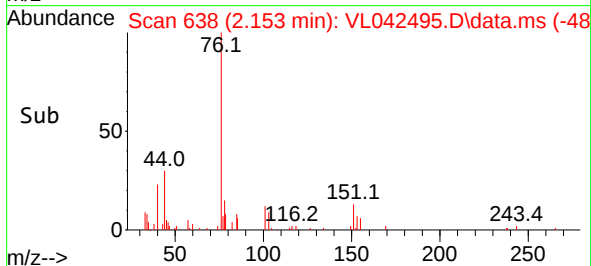
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



Tgt Ion: 76 Resp: 482
Ion Ratio Lower Upper
76 100
44 128.2 21.0 31.6
78 15.6 8.6 13.0

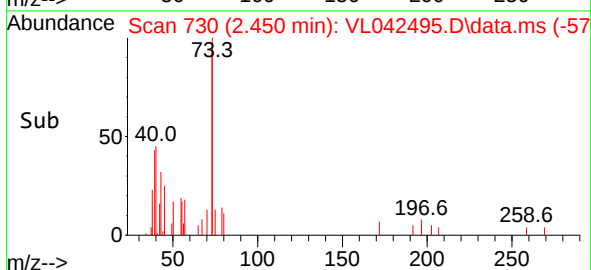
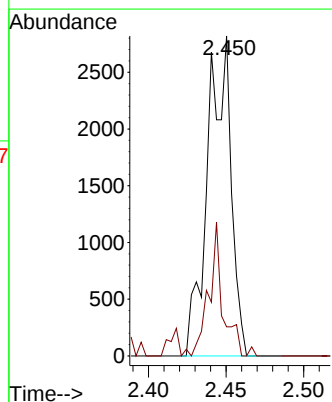
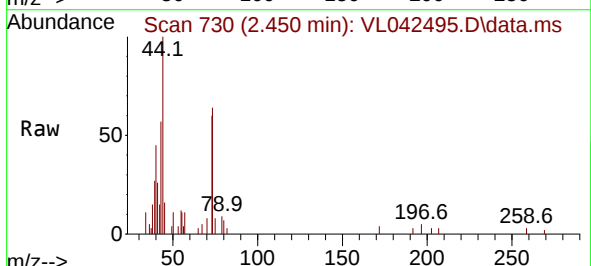
Manual Integrations
APPROVED

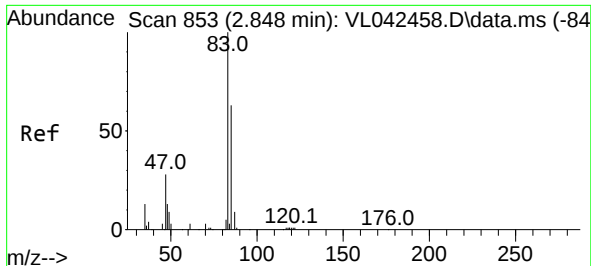
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#28
Methyl tert-Butyl Ether
Concen: 0.593 ppbv m
RT: 2.450 min Scan# 730
Delta R.T. 0.013 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Tgt Ion: 73 Resp: 2959
Ion Ratio Lower Upper
73 100
57 28.6 19.9 29.9





#29

Chloroform

Concen: 0.566 ppbv

RT: 2.848 min Scan# 853

Delta R.T. 0.000 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.45

Tgt Ion: 83 Resp: 8819

Ion Ratio Lower Upper

83 100

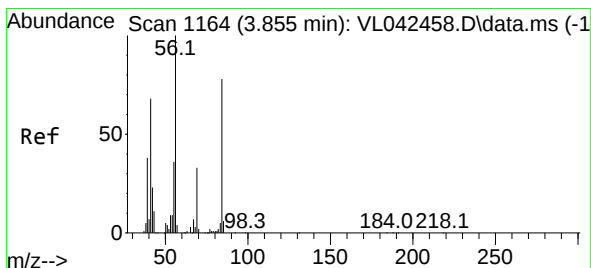
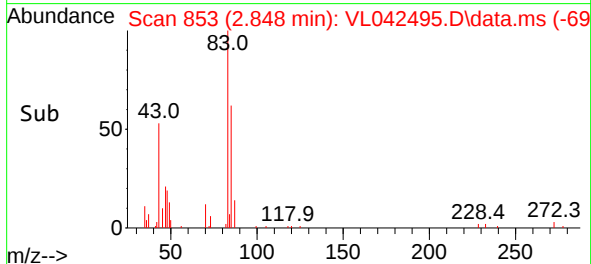
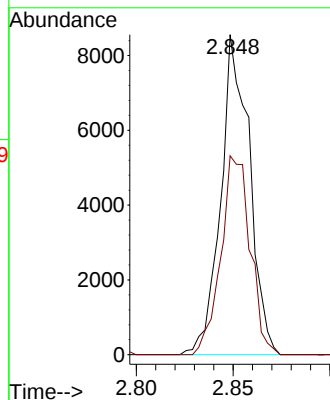
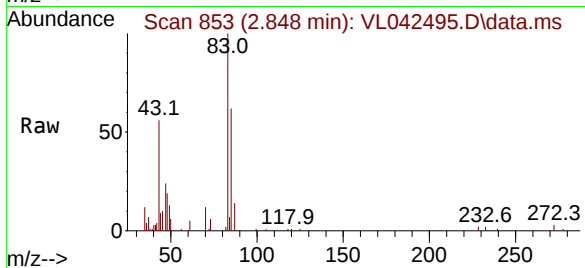
85 62.2 50.4 75.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#30

Cyclohexane

Concen: 0.343 ppbv m

RT: 3.852 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

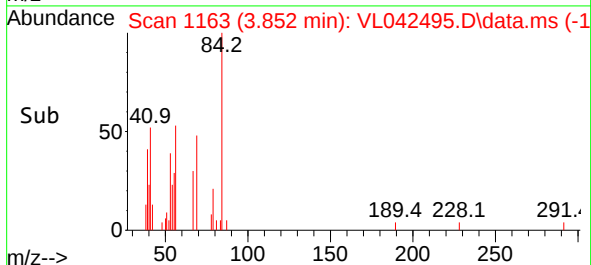
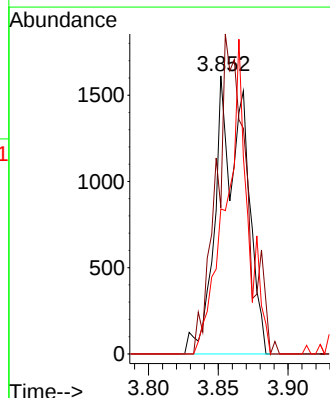
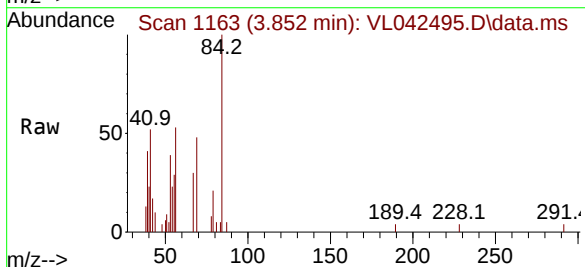
Tgt Ion: 84 Resp: 2382

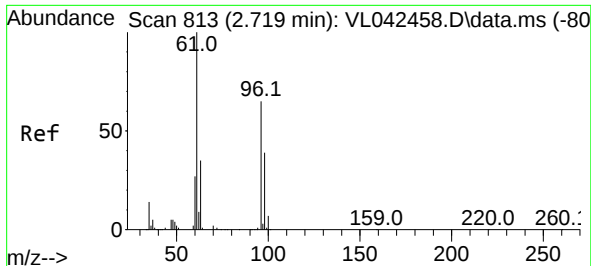
Ion Ratio Lower Upper

84 100

56 0.0 98.1 147.1#

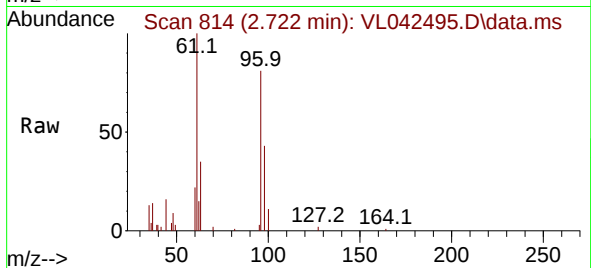
41 84.2 65.8 98.8





#31
 cis-1,2-Dichloroethene
 Concen: 0.368 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VL042495.D
 Acq: 06 May 2025 14:26

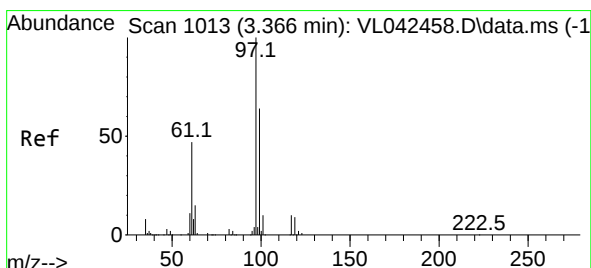
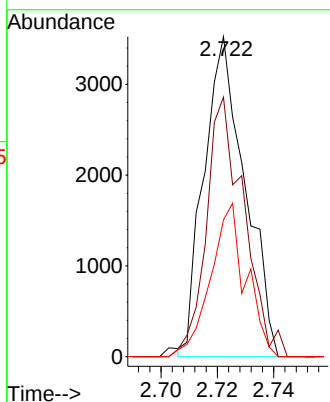
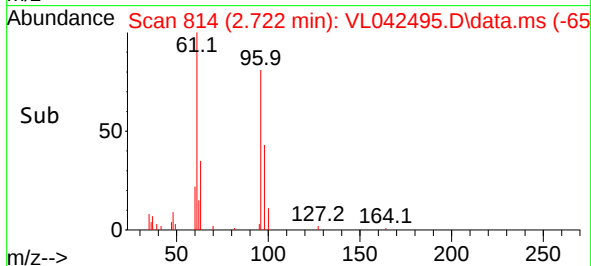
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.45



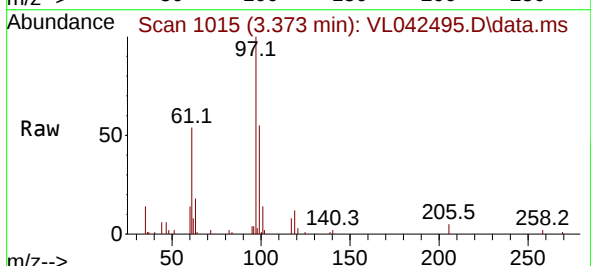
Tgt Ion: 61 Resp: 3560
 Ion Ratio Lower Upper
 61 100
 96 78.8 52.0 78.0
 98 42.7 31.0 46.6

Manual Integrations
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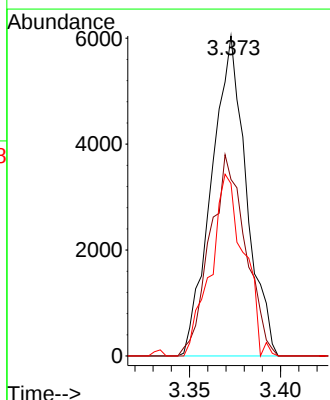
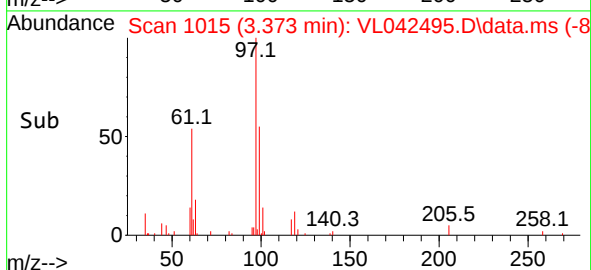
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025

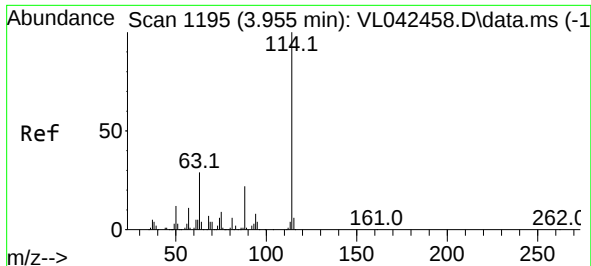


#32
 1,1,1-Trichloroethane
 Concen: 0.474 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: VL042495.D
 Acq: 06 May 2025 14:26



Tgt Ion: 97 Resp: 8008
 Ion Ratio Lower Upper
 97 100
 99 65.0 50.7 76.1
 61 54.5 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VL042495.D

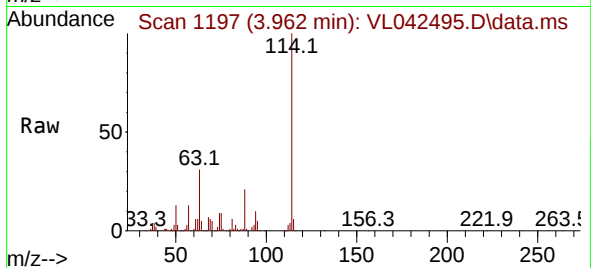
Acq: 06 May 2025 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.45

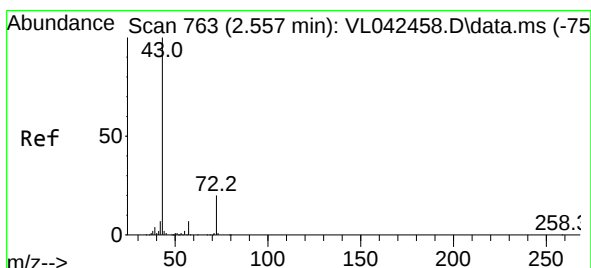
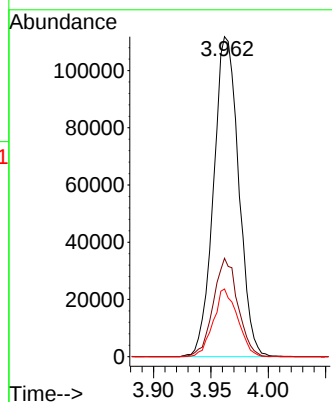
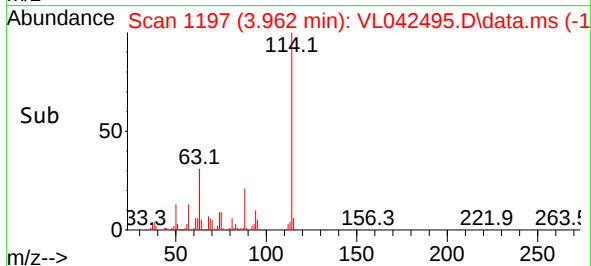


Tgt Ion:	114	Resp:	170295
Ion Ratio	Lower	Upper	
114	100		
63	30.2	23.1	34.7
88	20.4	16.1	24.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#34

2-Butanone

Concen: 0.472 ppbv

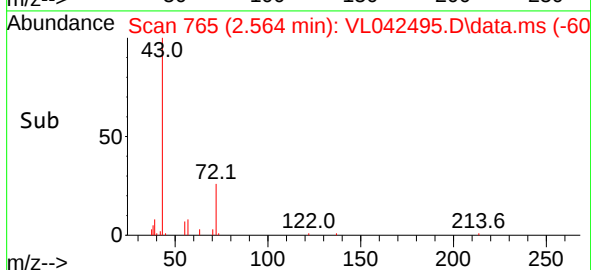
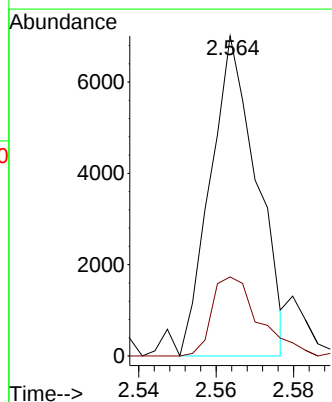
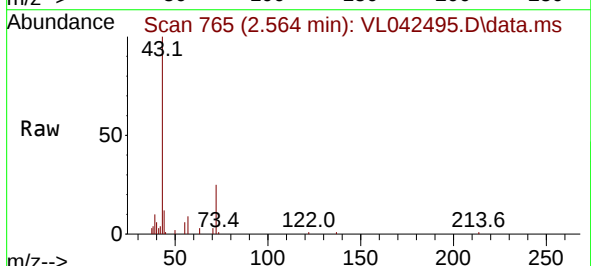
RT: 2.564 min Scan# 765

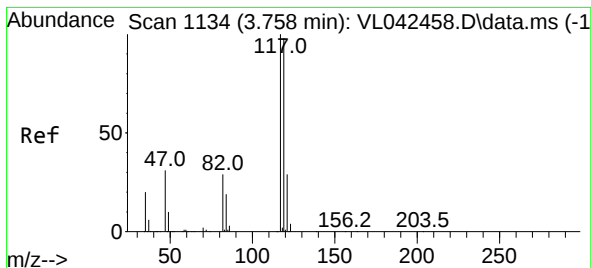
Delta R.T. 0.006 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Tgt Ion:	43	Resp:	5810
Ion Ratio	Lower	Upper	
43	100		
72	25.6	16.7	25.1#





#35

Carbon Tetrachloride

Concen: 0.591 ppbv

RT: 3.771 min Scan# 1134

Delta R.T. 0.013 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.45

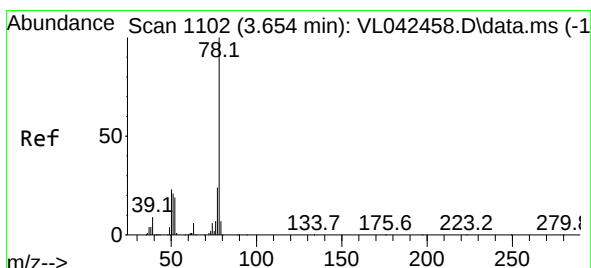
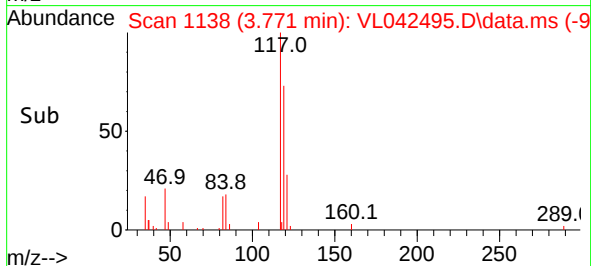
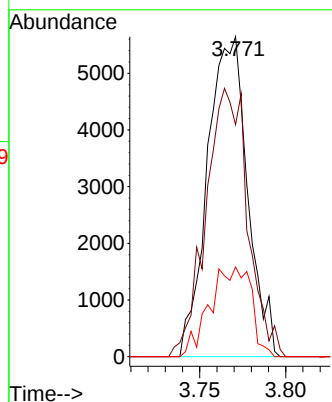
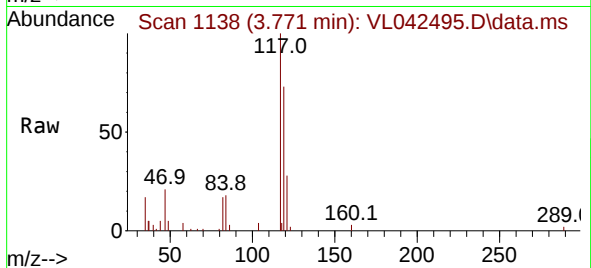
Tgt Ion:	117	Resp:	9149
Ion	Ratio	Lower	Upper
117	100		
119	67.6	78.1	117.1
121	27.0	23.0	34.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#36

Benzene

Concen: 0.439 ppbv

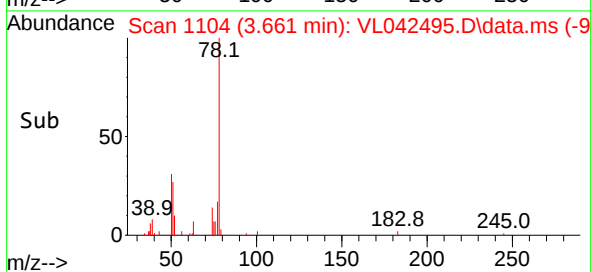
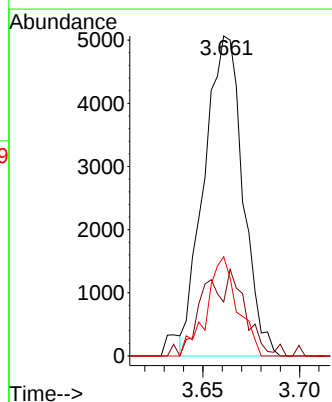
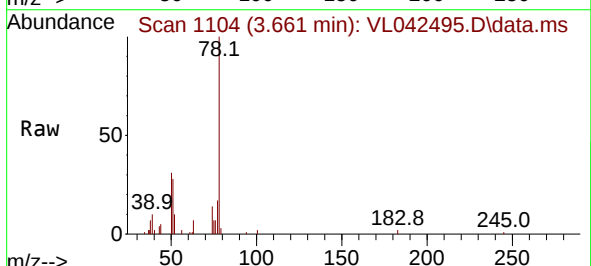
RT: 3.661 min Scan# 1104

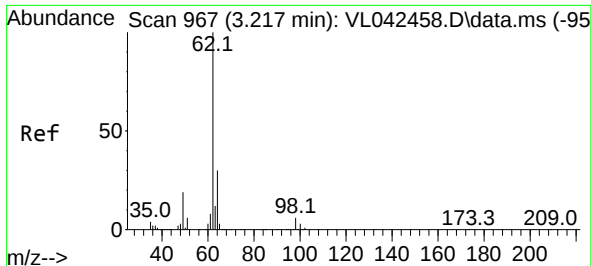
Delta R.T. 0.006 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

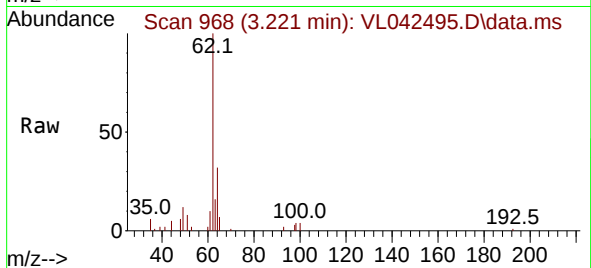
Tgt Ion:	78	Resp:	7063
Ion	Ratio	Lower	Upper
78	100		
77	16.9	18.9	28.3#
50	31.0	18.4	27.6#





#37
1,2-Dichloroethane
Concen: 0.530 ppbv
RT: 3.221 min Scan# 968
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

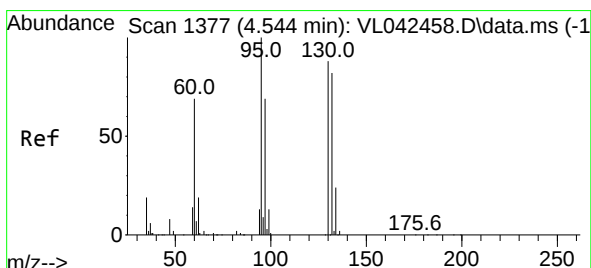
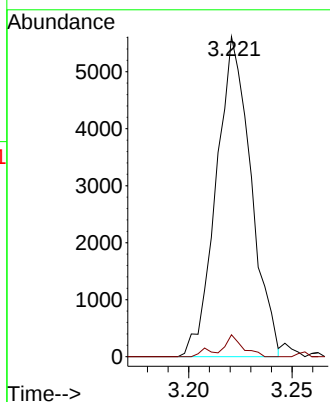
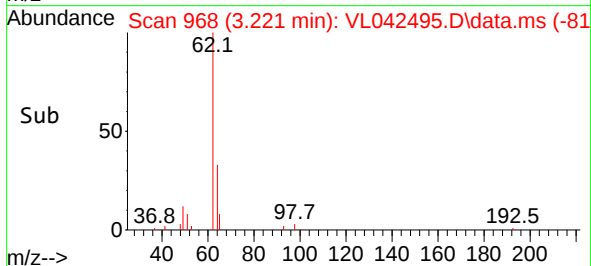
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



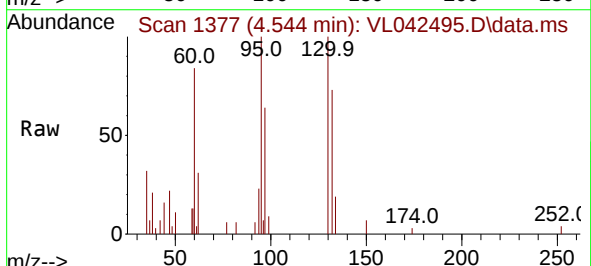
Tgt Ion: 62 Resp: 656
Ion Ratio Lower Upper
62 100
98 4.3 4.3 6.5

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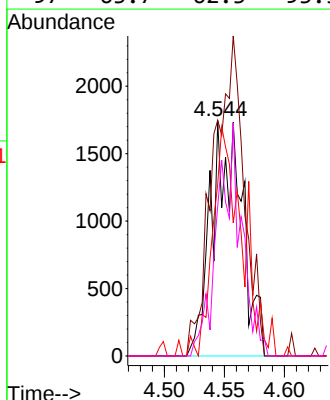
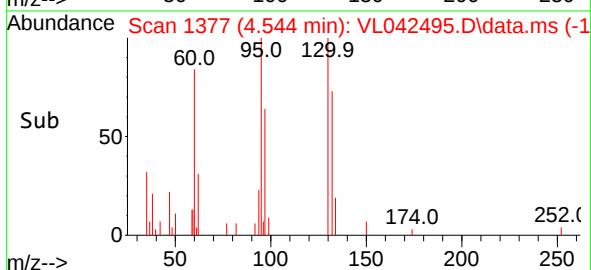
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

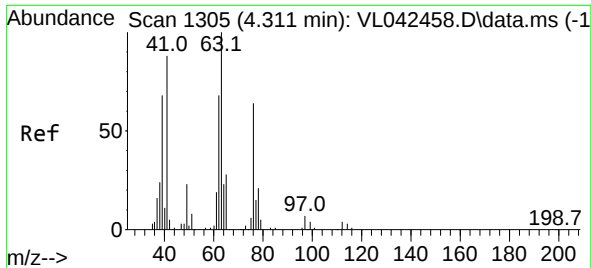


#38
Trichloroethene
Concen: 0.505 ppbv m
RT: 4.544 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26



Tgt Ion:130 Resp: 3095
Ion Ratio Lower Upper
130 100
95 100.3 91.0 136.4
132 73.1 74.2 111.4#
97 63.7 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.521 ppbv m

RT: 4.315 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Instrument :

MSVOA_L

ClientSampleId :

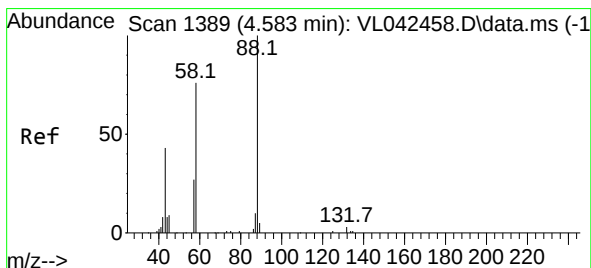
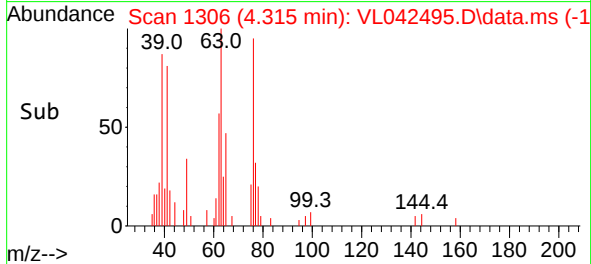
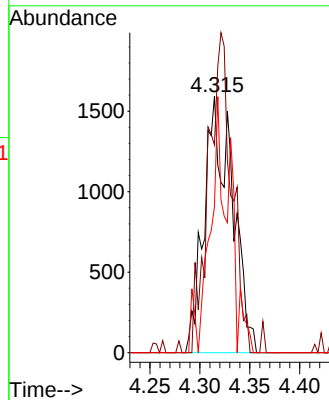
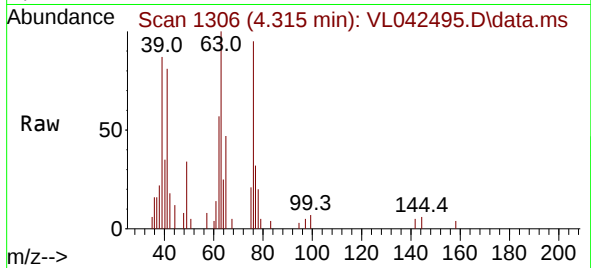
MDL1 0.45

Tgt Ion: 63	Resp: 313
Ion Ratio	Lower Upper
63 100	
41 81.1	69.8 104.6
62 56.8	54.3 81.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#40

1,4-Dioxane

Concen: 0.419 ppbv m

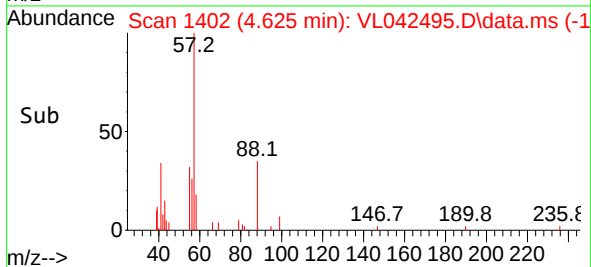
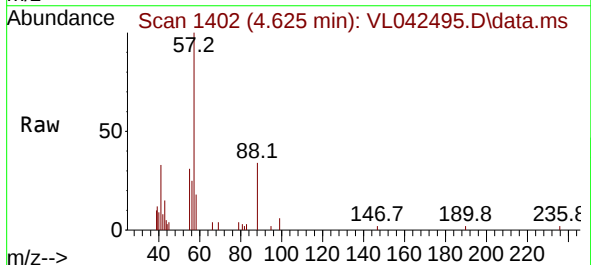
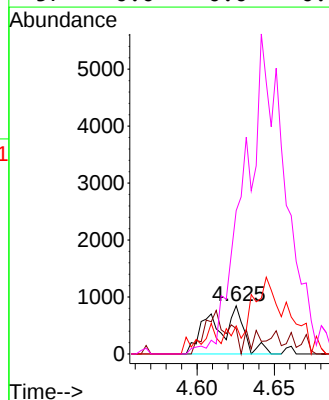
RT: 4.625 min Scan# 1402

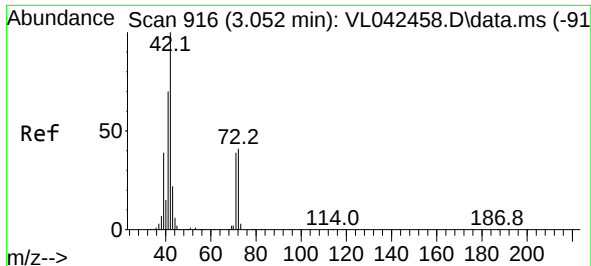
Delta R.T. 0.042 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

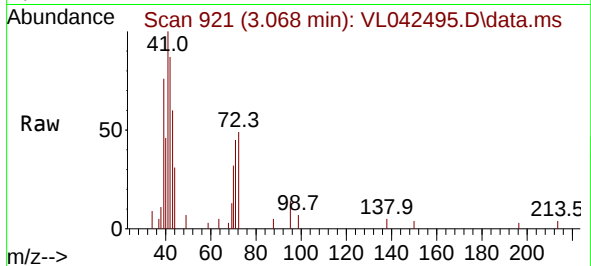
Tgt Ion: 88	Resp: 1180
Ion Ratio	Lower Upper
88 100	
58 124.3	0.0 0.0#
43 0.0	0.0 0.0
57 0.0	0.0 0.0





#41
Tetrahydrofuran
Concen: 0.356 ppbv m
RT: 3.068 min Scan# 916
Delta R.T. 0.016 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

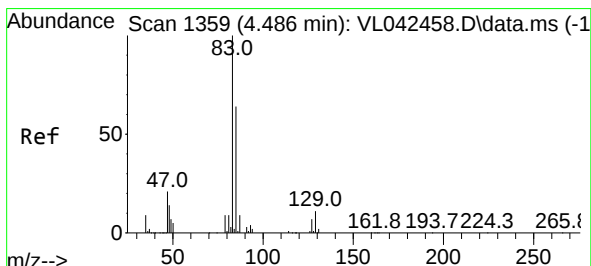
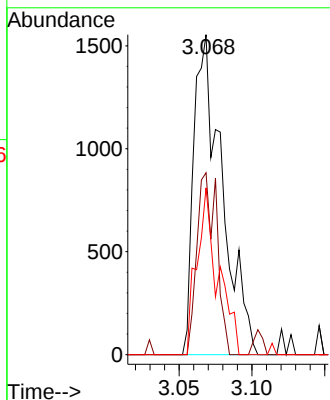
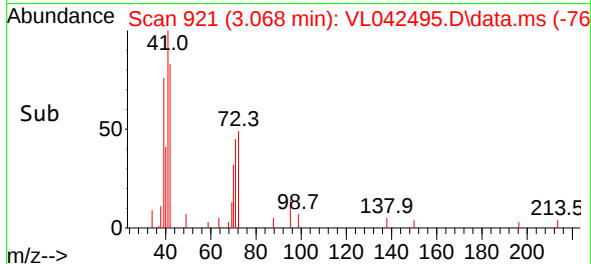
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



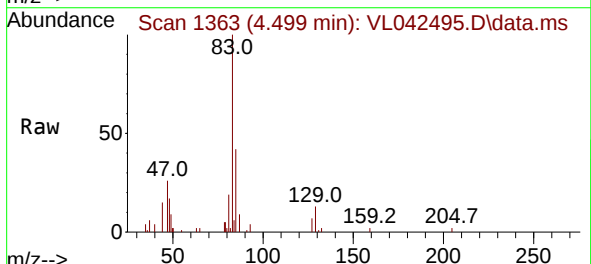
Tgt Ion: 42 Resp: 2085
Ion Ratio Lower Upper
42 100
72 42.4 33.5 50.3
71 39.2 32.6 49.0

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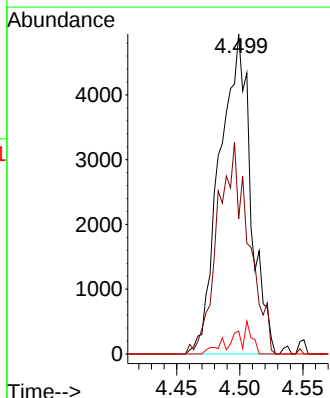
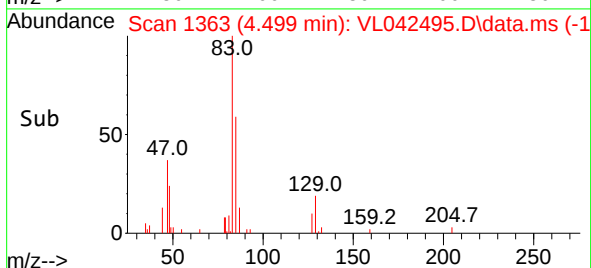
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

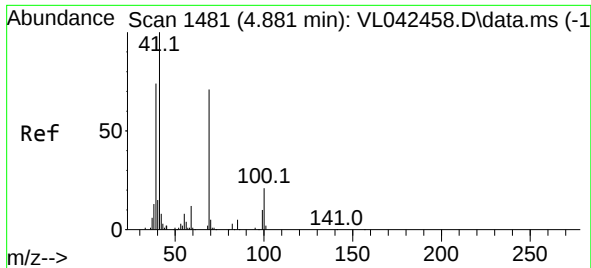


#42
Bromodichloromethane
Concen: 0.559 ppbv m
RT: 4.499 min Scan# 1363
Delta R.T. 0.013 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26



Tgt Ion: 83 Resp: 8467
Ion Ratio Lower Upper
83 100
85 42.2 51.5 77.3#
127 7.2 5.4 8.2





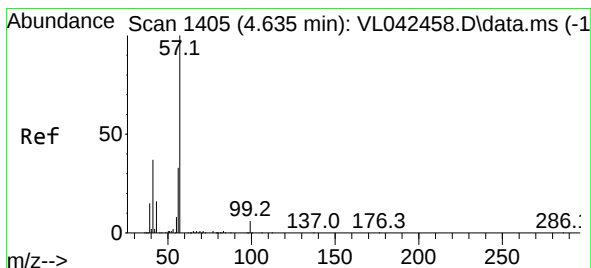
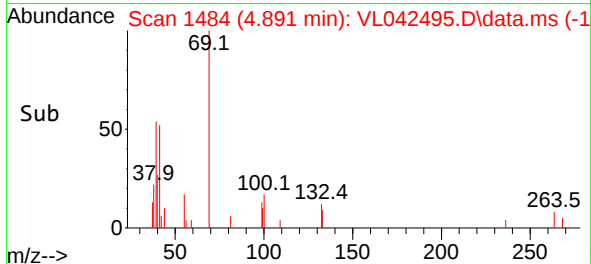
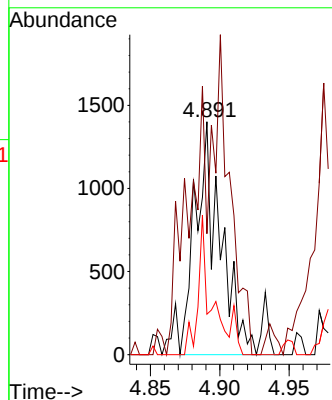
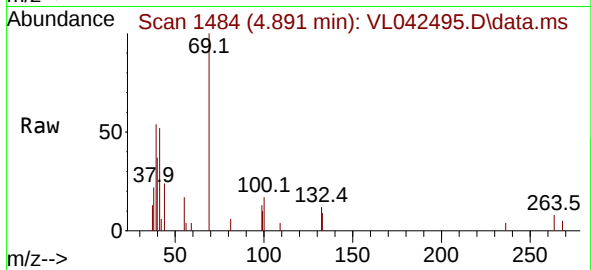
#43
Methyl Methacrylate
Concen: 0.310 ppbv m
RT: 4.891 min Scan# 1481
Delta R.T. 0.010 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45

Tgt Ion: 69 Resp: 1859
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2
100 31.7 26.7 40.1

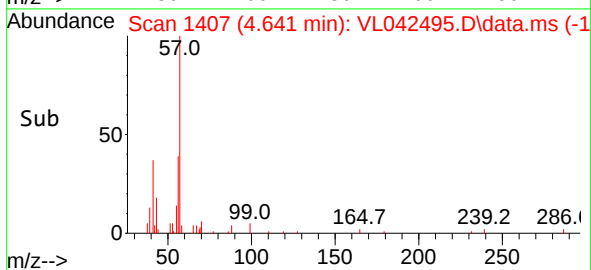
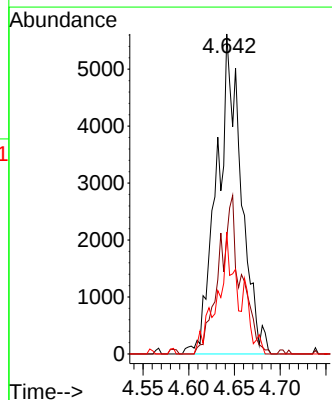
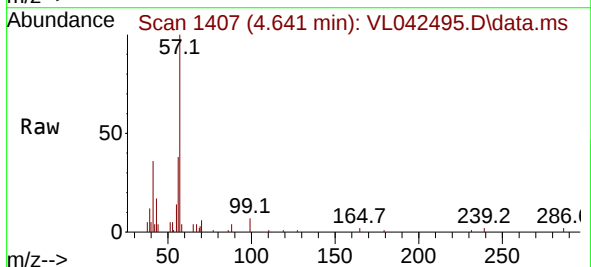
Manual Integrations
APPROVED

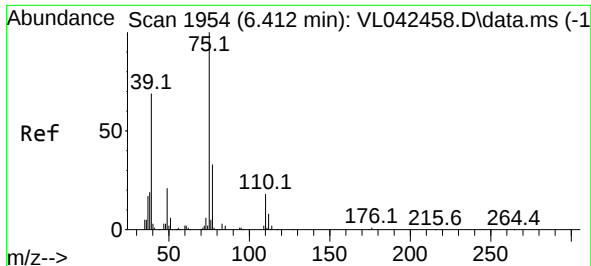
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#44
2,2,4-Trimethylpentane
Concen: 0.400 ppbv m
RT: 4.641 min Scan# 1407
Delta R.T. 0.006 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Tgt Ion: 57 Resp: 10431
Ion Ratio Lower Upper
57 100
41 0.0 30.6 45.8
56 34.8 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 0.361 ppbv m

RT: 6.425 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Instrument :

MSVOA_L

ClientSampleId :

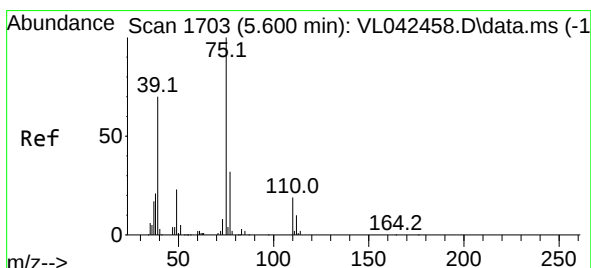
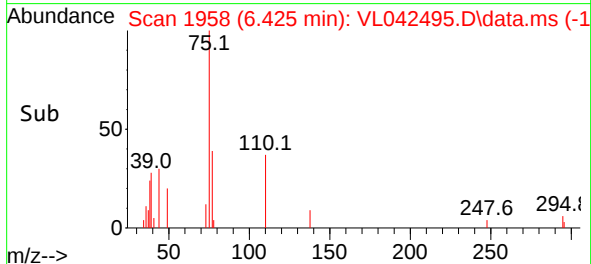
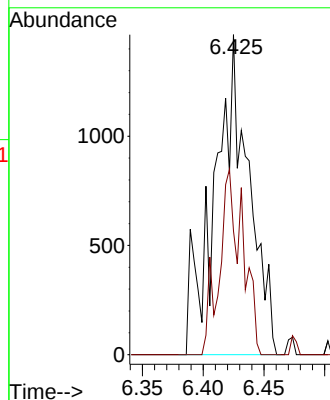
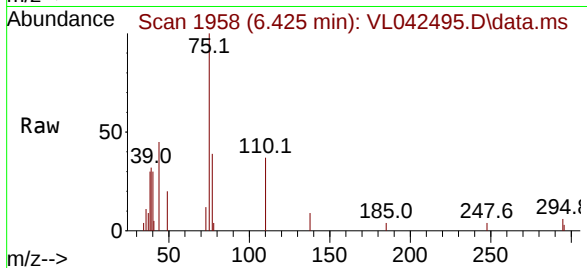
MDL1 0.45

Tgt Ion: 75 Resp: 2842
 Ion Ratio Lower Upper
 75 100
 77 38.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#46

cis-1,3-Dichloropropene

Concen: 0.395 ppbv m

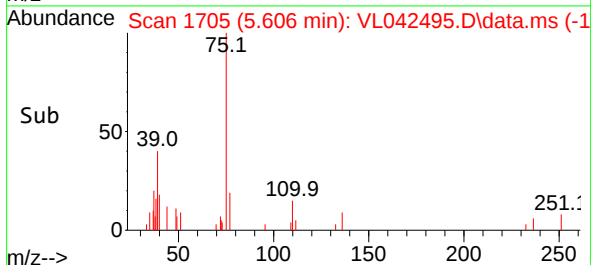
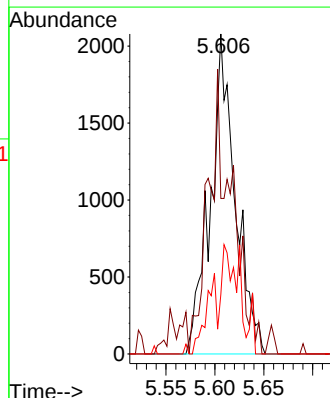
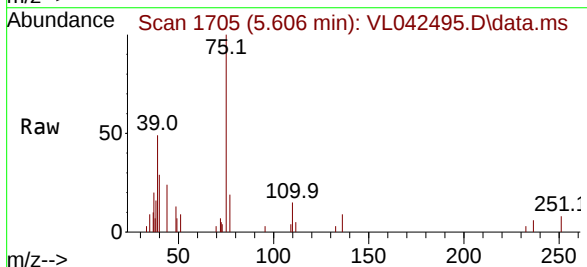
RT: 5.606 min Scan# 1705

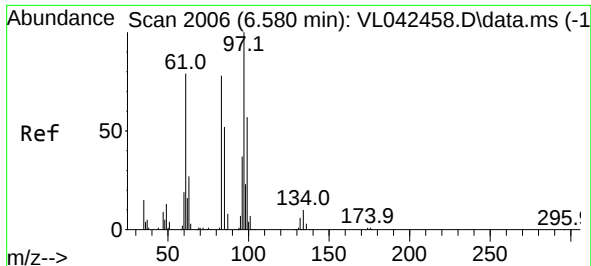
Delta R.T. 0.007 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Tgt Ion: 75 Resp: 3689
 Ion Ratio Lower Upper
 75 100
 39 48.6 55.7 83.5#
 77 18.6 25.8 38.8#





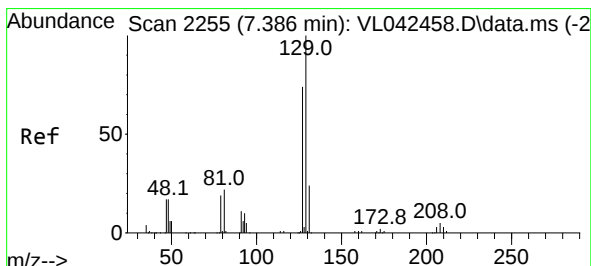
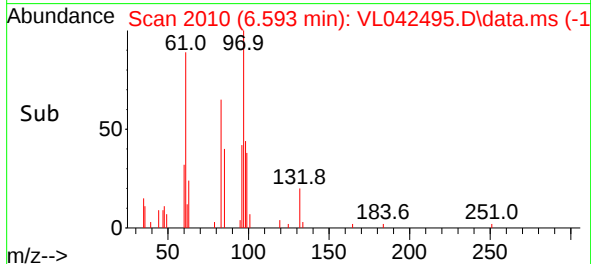
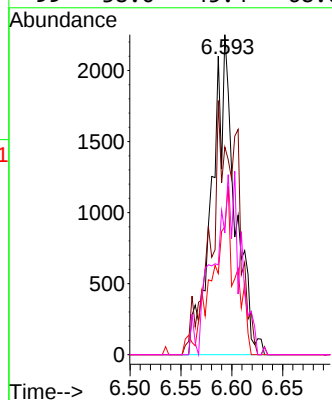
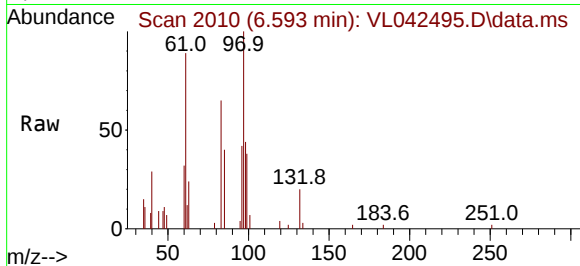
#47
1,1,2-Trichloroethane
Concen: 0.535 ppbv m
RT: 6.593 min Scan# 2006
Delta R.T. 0.013 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45

Tgt Ion: 97	Resp: 3528
Ion Ratio	Lower Upper
97 100	
83 64.9	62.2 93.2
85 39.9	41.5 62.3
99 38.0	45.4 68.0

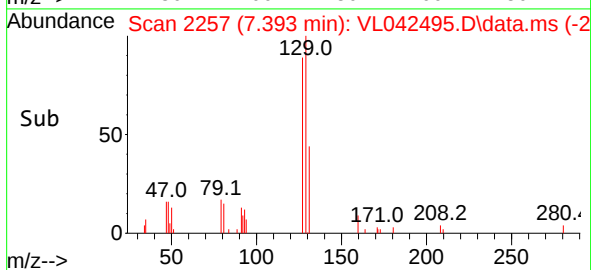
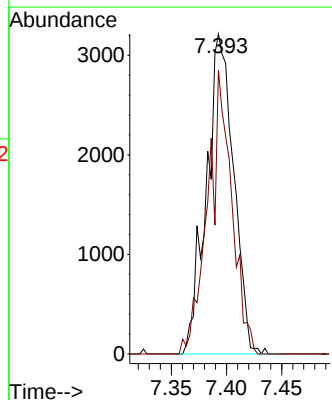
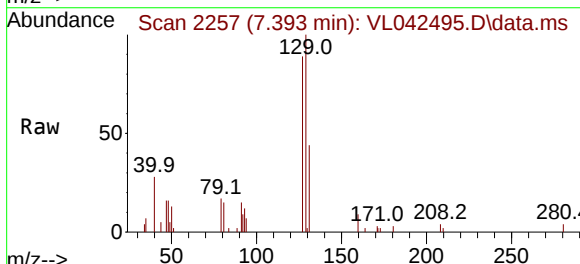
Manual Integrations
APPROVED

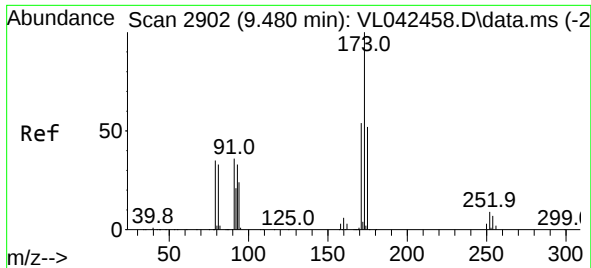
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#48
Dibromochloromethane
Concen: 0.495 ppbv m
RT: 7.393 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

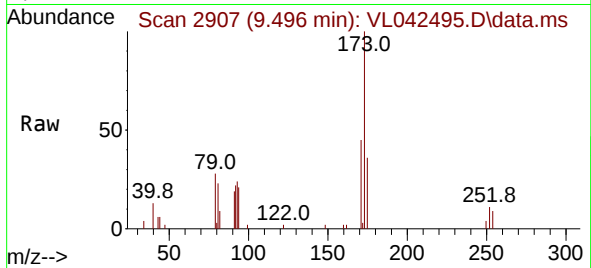
Tgt Ion:129	Resp: 5516
Ion Ratio	Lower Upper
129 100	
127 78.0	39.5 118.5





#49
Bromoform
Concen: 0.499 ppbv m
RT: 9.496 min Scan# 2902
Delta R.T. 0.016 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

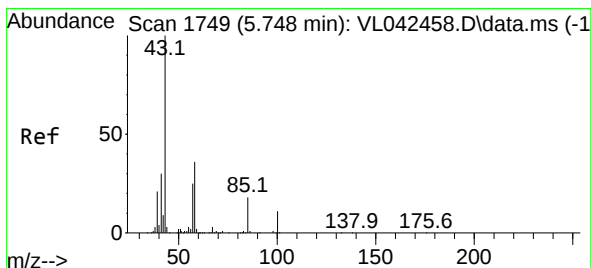
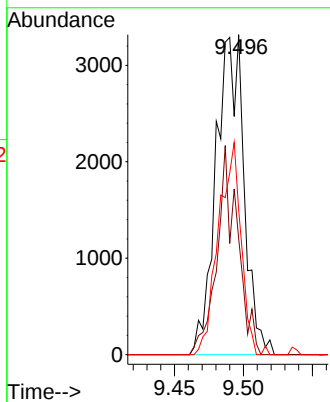
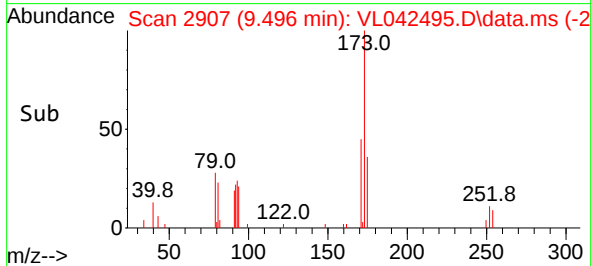
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



Tgt Ion:173 Resp: 4662
Ion Ratio Lower Upper
173 100
175 0.0 38.9 58.3
171 53.6 40.6 60.8

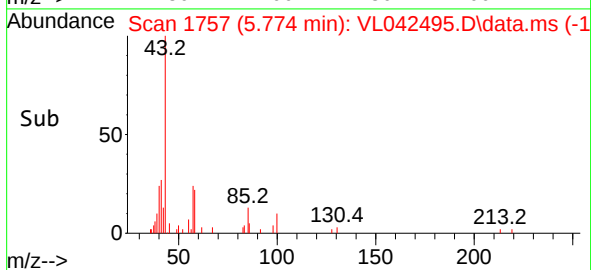
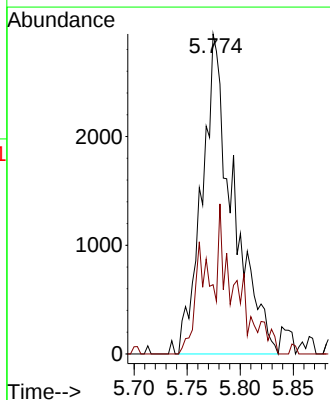
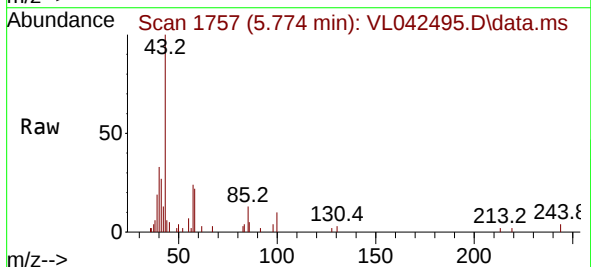
Manual Integrations
APPROVED

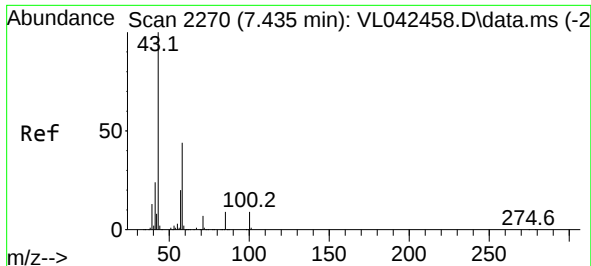
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50
4-Methyl-2-Pentanone
Concen: 0.384 ppbv m
RT: 5.774 min Scan# 1757
Delta R.T. 0.026 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

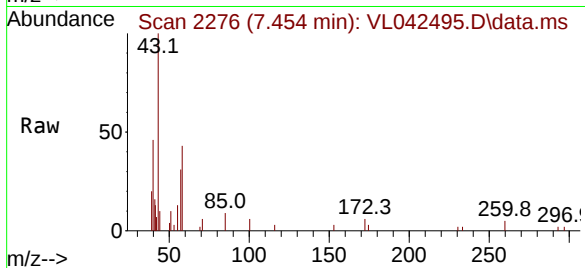
Tgt Ion: 43 Resp: 5978
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3





#51
2-Hexanone
Concen: 0.378 ppbv m
RT: 7.454 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

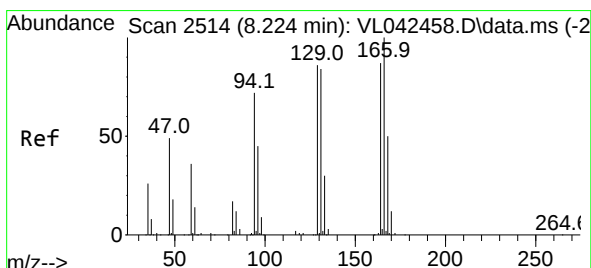
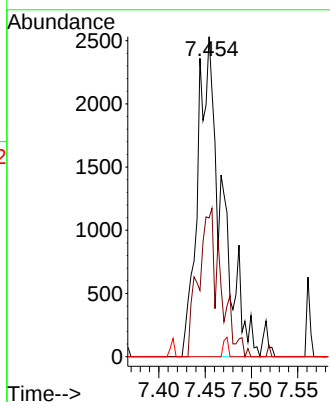
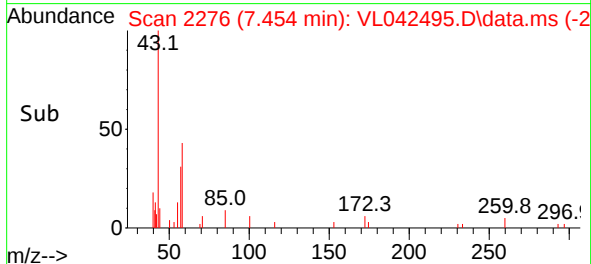
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



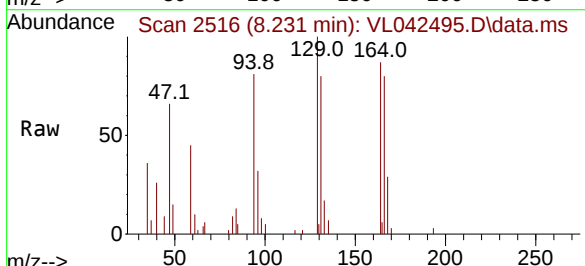
Tgt Ion: 43 Resp: 4704
Ion Ratio Lower Upper
43 100
58 41.3 37.2 55.8
98 0.0 0.4 0.6

Manual Integrations
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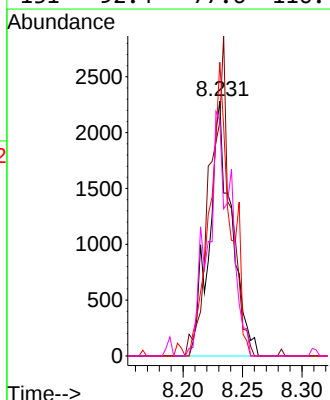
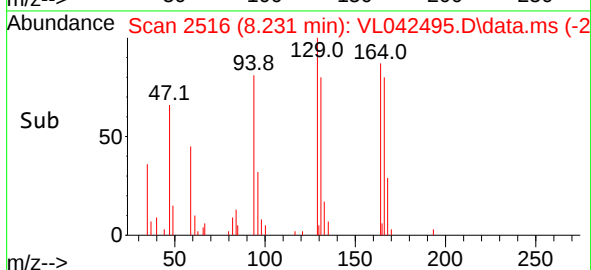
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

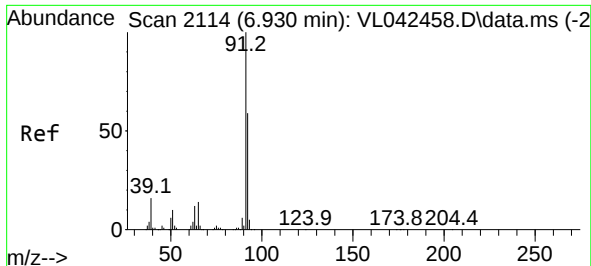


#52
Tetrachloroethene
Concen: 0.483 ppbv m
RT: 8.231 min Scan# 2516
Delta R.T. 0.006 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26



Tgt Ion:164 Resp: 2953
Ion Ratio Lower Upper
164 100
166 91.9 91.6 137.4
129 115.4 79.0 118.4
131 92.4 77.6 116.4





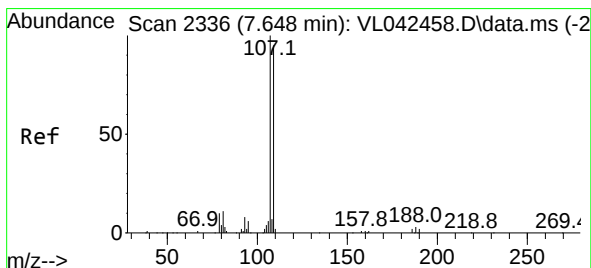
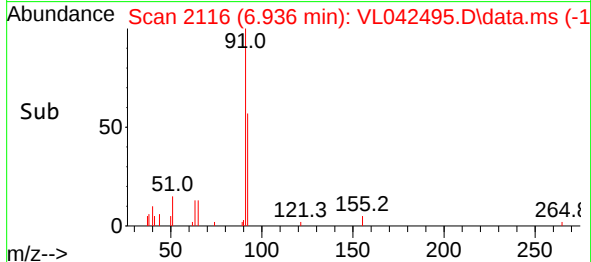
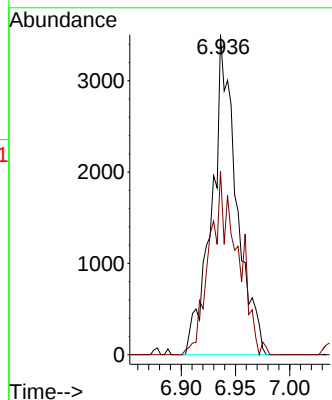
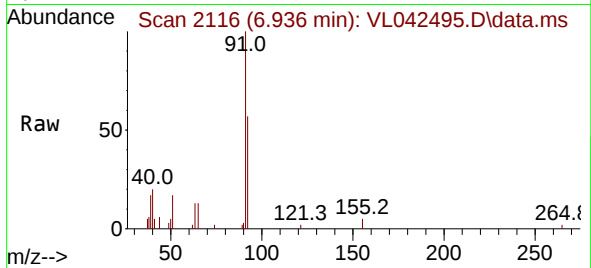
#53
Toluene
Concen: 0.324 ppbv m
RT: 6.936 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Instrument : MSVOA_L
ClientSampleId :
MDL1 0.45

Tgt Ion: 91 Resp: 5519
Ion Ratio Lower Upper
91 100
92 4.4 47.9 71.9

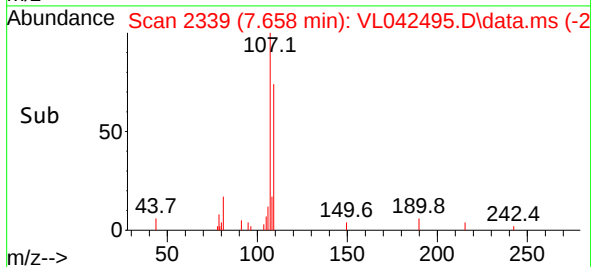
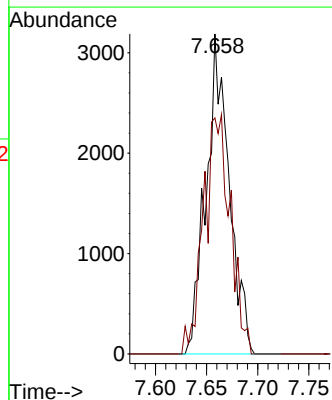
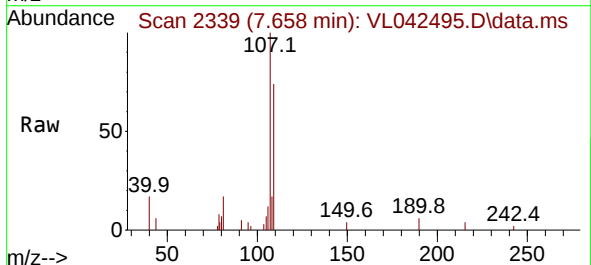
Manual Integrations
APPROVED

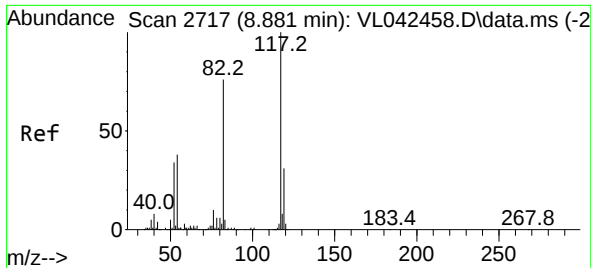
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#54
1,2-Dibromoethane
Concen: 0.495 ppbv m
RT: 7.658 min Scan# 2339
Delta R.T. 0.010 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Tgt Ion:107 Resp: 4996
Ion Ratio Lower Upper
107 100
109 73.7 76.0 114.0





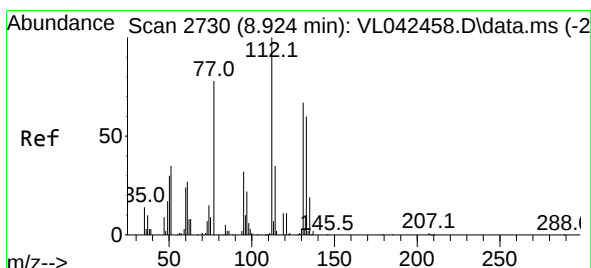
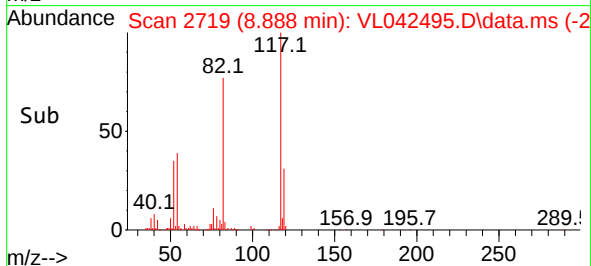
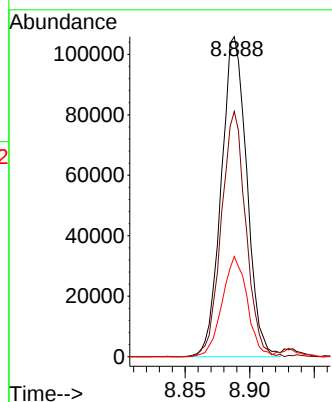
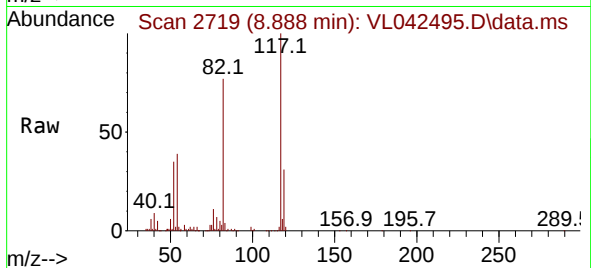
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2717
Delta R.T. 0.007 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45

Tgt Ion:117 Resp: 146099
Ion Ratio Lower Upper
117 100
82 73.6 63.5 95.3
119 30.8 25.8 38.8

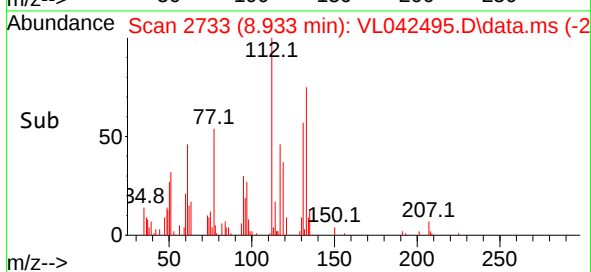
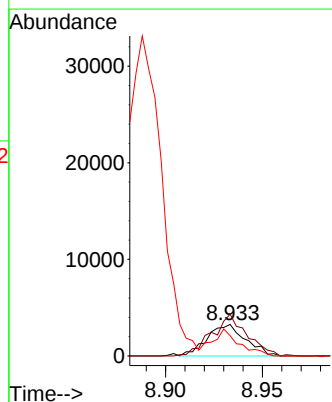
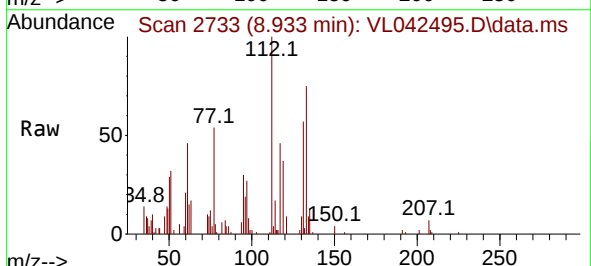
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.522 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.010 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Tgt Ion:131 Resp: 4504
Ion Ratio Lower Upper
131 100
133 121.9 76.0 114.0#
119 0.0 46.1 69.1#





#57

Chlorobenzene

Concen: 0.575 ppbv m

RT: 8.933 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Instrument :

MSVOA_L

ClientSampleId :

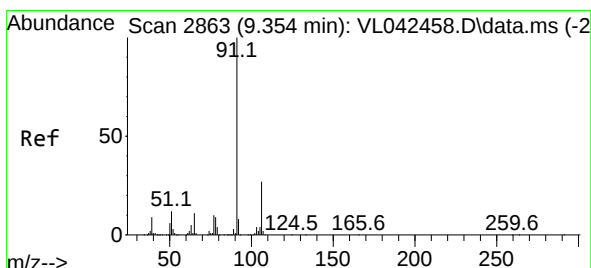
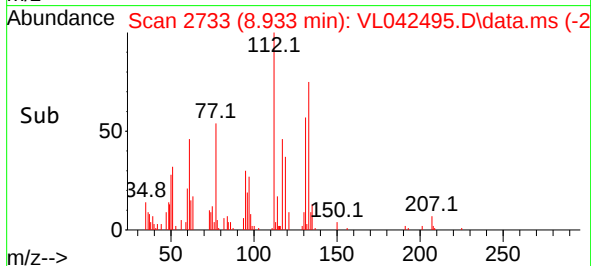
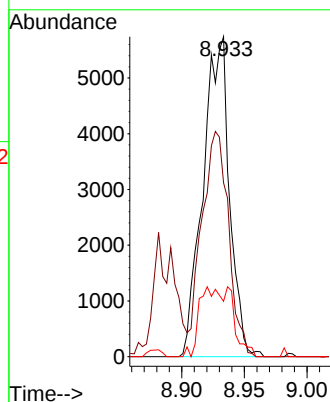
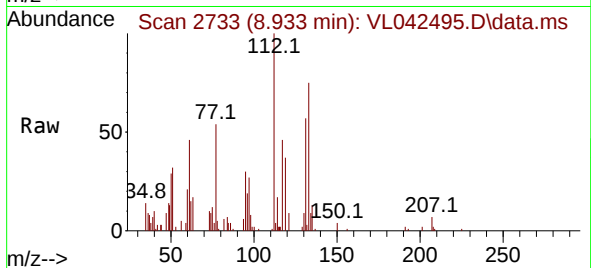
MDL1 0.45

Tgt Ion:112	Resp:	844
Ion Ratio	Lower	Upper
112	100	
77	54.3	65.0 97.4
114	17.3	27.5 33.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#58

Ethyl Benzene

Concen: 0.343 ppbv m

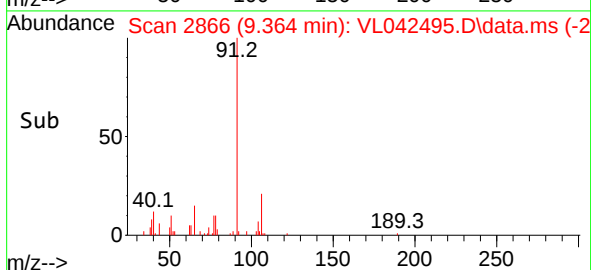
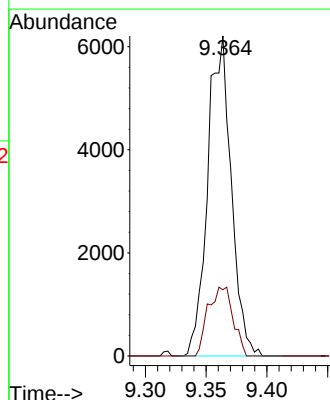
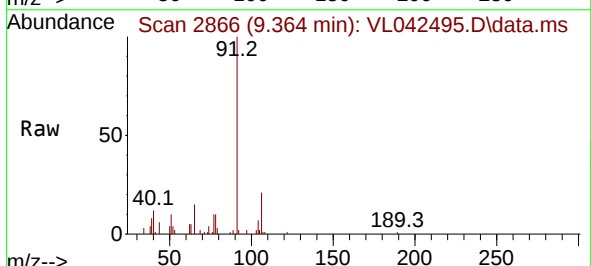
RT: 9.364 min Scan# 2866

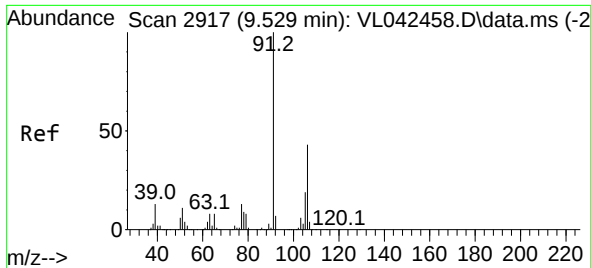
Delta R.T. 0.010 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Tgt Ion: 91	Resp:	8364
Ion Ratio	Lower	Upper
91	100	
106	20.7	21.9 32.9





#59

m/p-Xylene

Concen: 0.641 ppbv m

RT: 9.542 min Scan# 2917

Delta R.T. 0.013 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Instrument :

MSVOA_L

ClientSampleId :

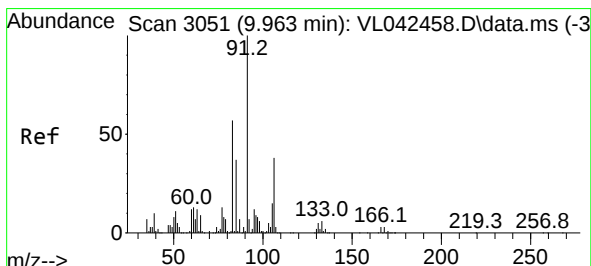
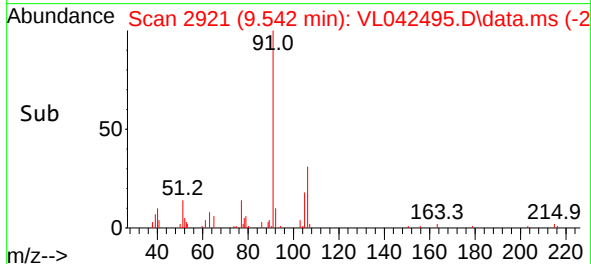
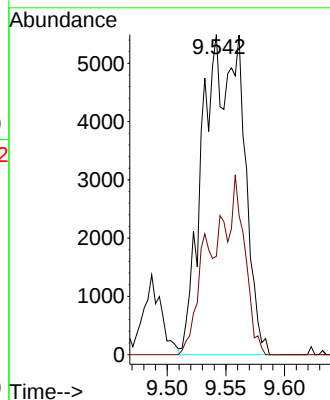
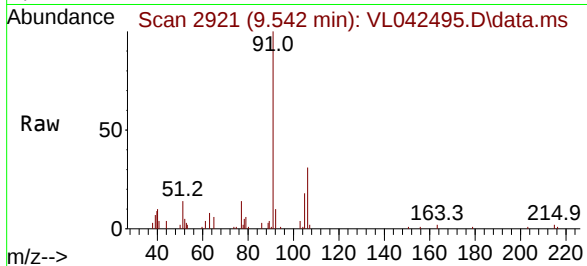
MDL1 0.45

Tgt Ion: 91 Resp: 13117
 Ion Ratio Lower Upper
 91 100
 106 0.0 34.2 51.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#60

o-Xylene

Concen: 0.317 ppbv m

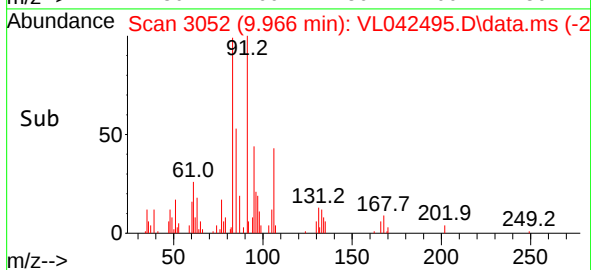
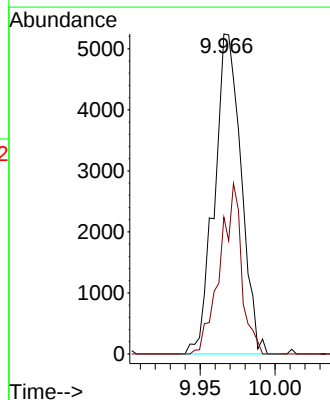
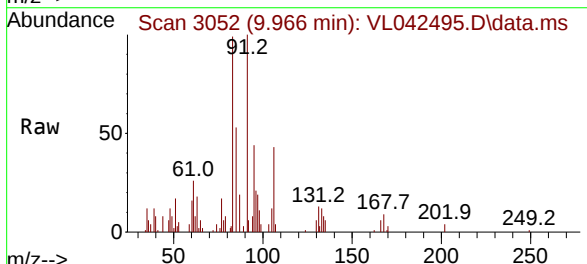
RT: 9.966 min Scan# 3052

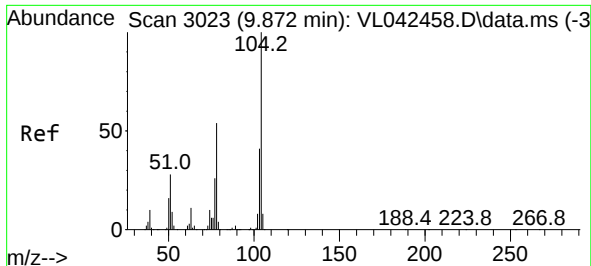
Delta R.T. 0.003 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

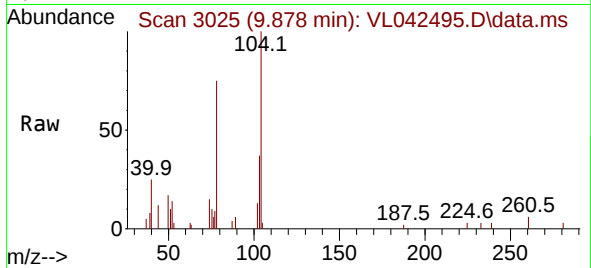
Tgt Ion: 91 Resp: 6504
 Ion Ratio Lower Upper
 91 100
 106 43.2 20.1 60.2





#61
Styrene
Concen: 0.311 ppbv
RT: 9.878 min Scan# 3023
Delta R.T. 0.007 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

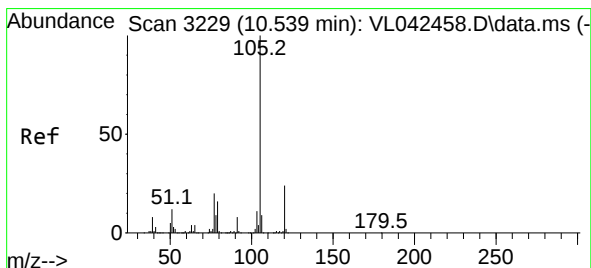
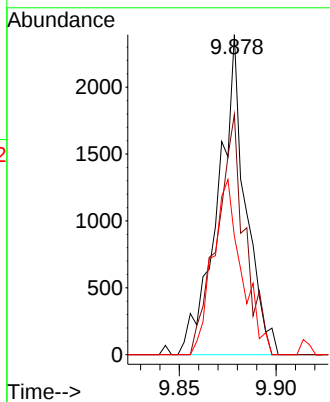
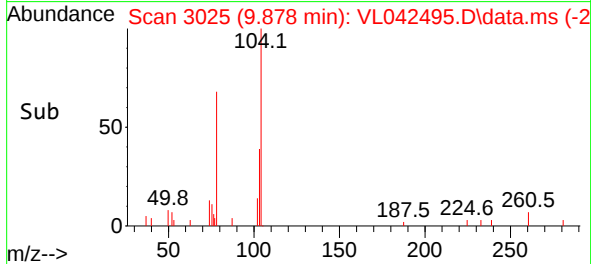
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



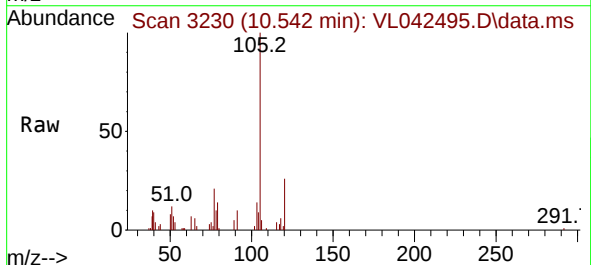
Tgt Ion:104 Resp: 2382
Ion Ratio Lower Upper
104 100
78 75.4 46.9 70.3
103 58.7 36.6 55.0

Manual Integrations
APPROVED

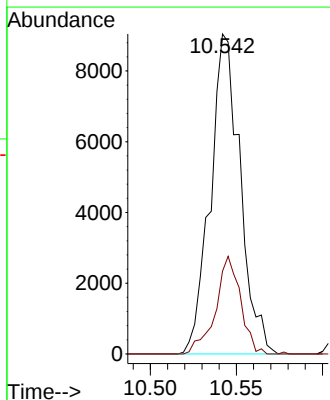
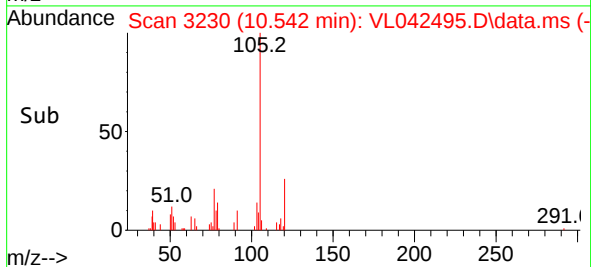
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

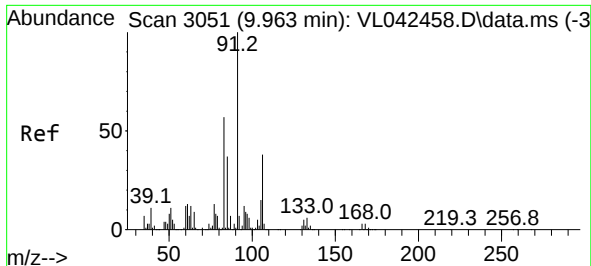


#62
Isopropylbenzene
Concen: 0.369 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26



Tgt Ion:105 Resp: 10906
Ion Ratio Lower Upper
105 100
120 25.6 18.8 28.2





#63

1,1,2,2-Tetrachloroethane

Concen: 0.509 ppbv

RT: 9.972 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.45

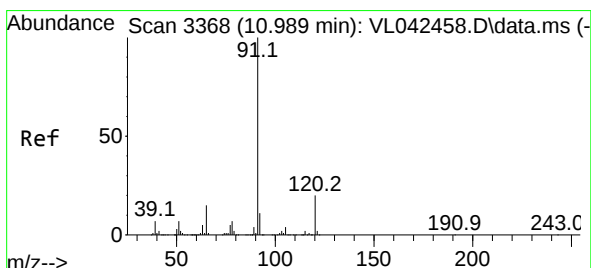
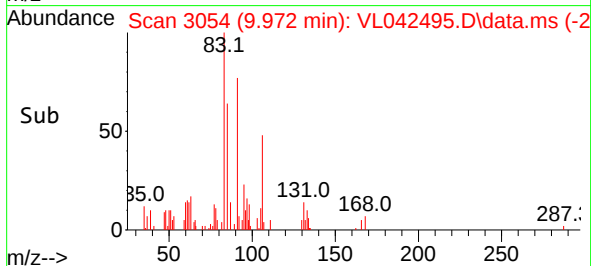
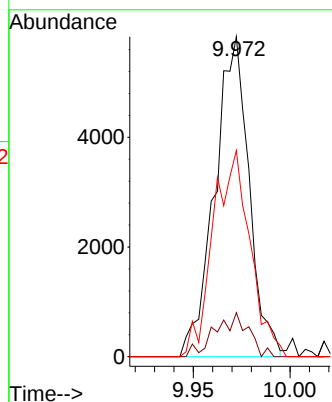
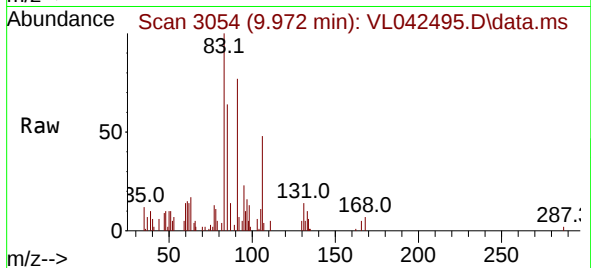
Tgt Ion:	83	Resp:	7180
Ion	Ratio	Lower	Upper
83	100		
131	13.3	4.7	14.1
85	69.6	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025

Supervised By :Mahesh Dadoda 05/09/2025



#64

n-propylbenzene

Concen: 0.345 ppbv

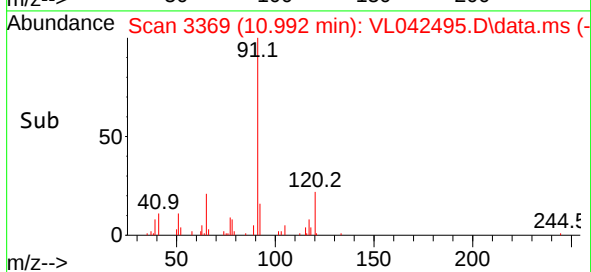
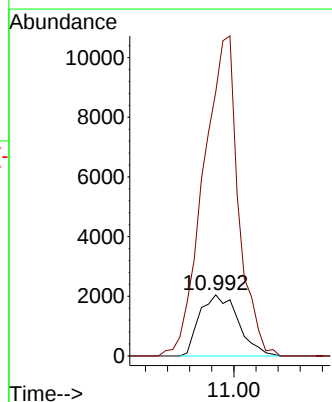
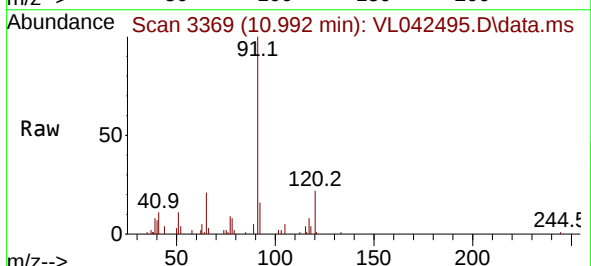
RT: 10.992 min Scan# 3369

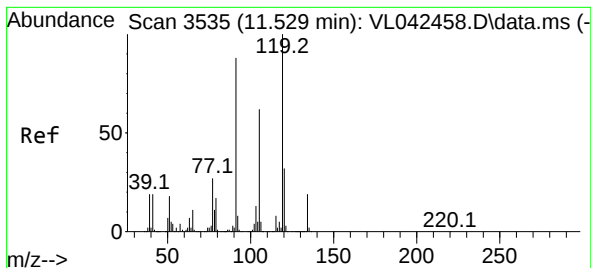
Delta R.T. 0.003 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Tgt Ion:	120	Resp:	2494
Ion	Ratio	Lower	Upper
120	100		
91	474.0	408.6	612.8





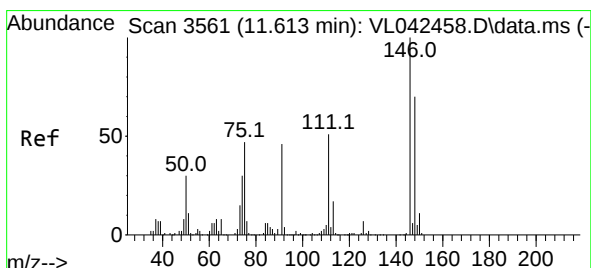
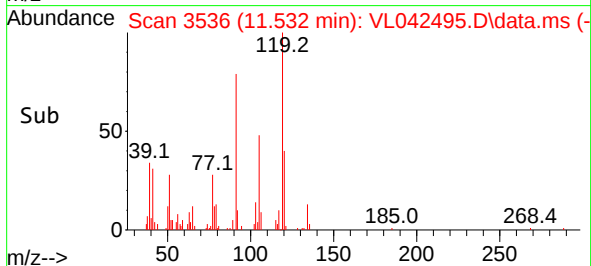
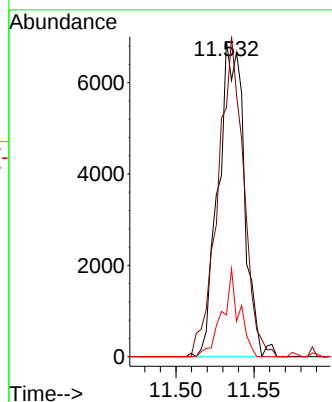
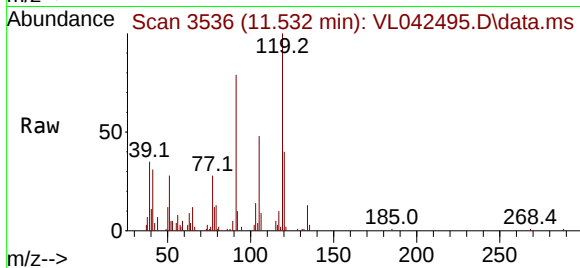
#65
tert-Butylbenzene
Concen: 0.302 ppbv m
RT: 11.532 min Scan# 3536
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45

Tgt Ion:	119	Resp:	7960
Ion	Ratio	Lower	Upper
119	100		
91	100.4	71.6	107.4
134	18.4	15.0	22.4

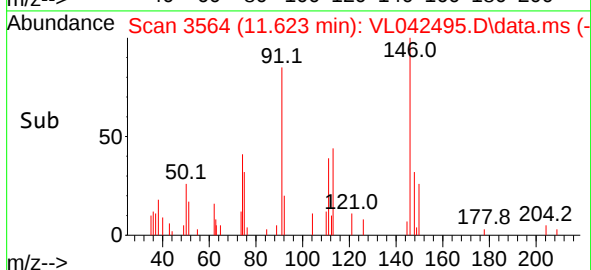
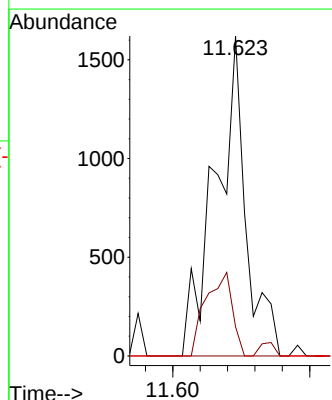
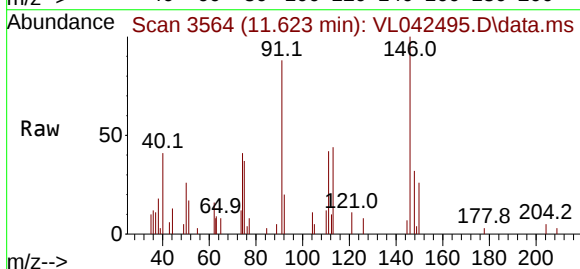
Manual Integrations
APPROVED

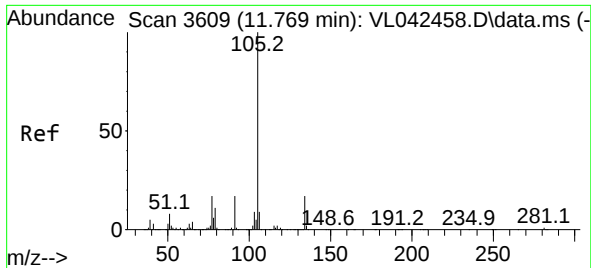
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#66
Benzyl Chloride
Concen: 0.411 ppbv m
RT: 11.623 min Scan# 3564
Delta R.T. 0.010 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

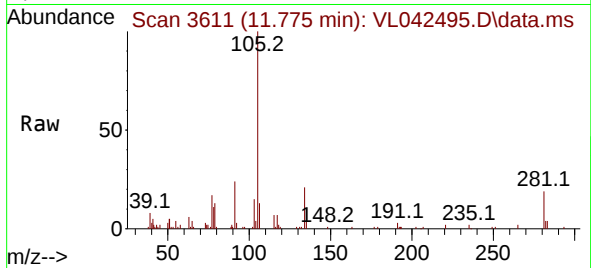
Tgt Ion:	91	Resp:	1253
Ion	Ratio	Lower	Upper
91	100		
126	24.8	13.3	19.9#
128	0.0	4.2	6.4#





#67
 sec-Butylbenzene
 Concen: 0.334 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.007 min
 Lab File: VL042495.D
 Acq: 06 May 2025 14:26

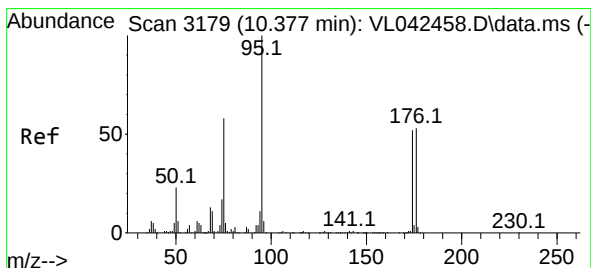
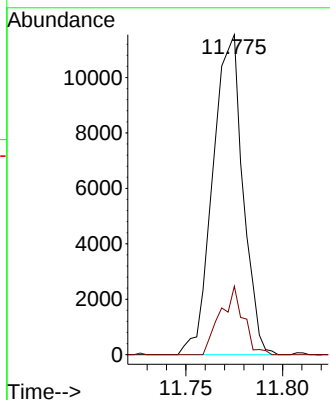
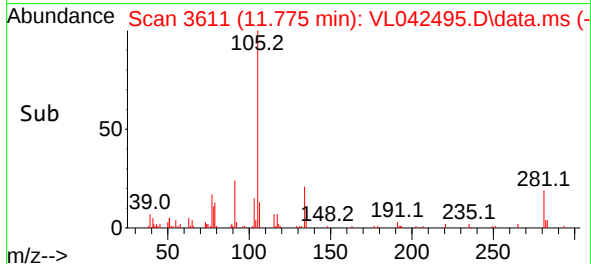
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL1 0.45



Tgt Ion: 105 Resp: 1250
 Ion Ratio Lower Upper
 105 100
 134 16.5 14.1 21.1

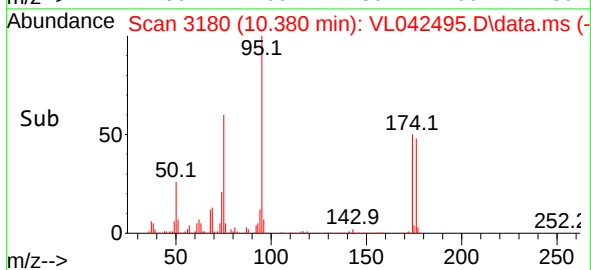
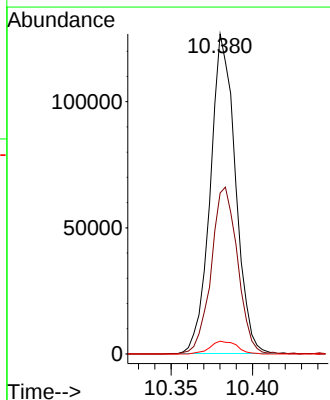
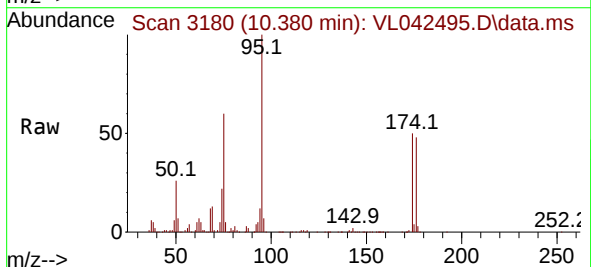
Manual Integrations
 APPROVED

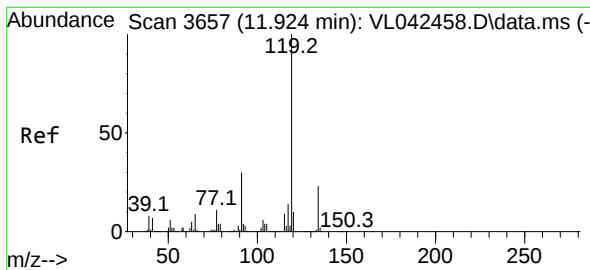
Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.015 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.003 min
 Lab File: VL042495.D
 Acq: 06 May 2025 14:26

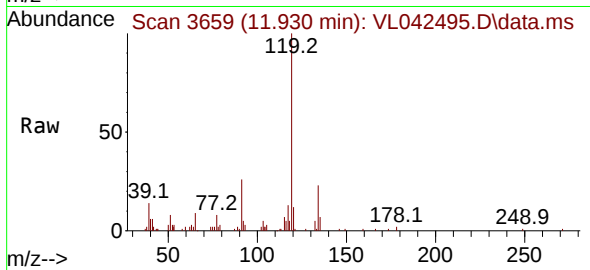
Tgt Ion: 95 Resp: 135652
 Ion Ratio Lower Upper
 95 100
 174 54.8 42.7 64.1
 175 4.3 3.6 5.4





#69
p-Isopropyltoluene
Concen: 0.321 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. 0.006 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

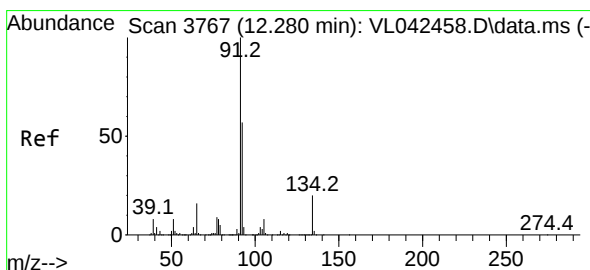
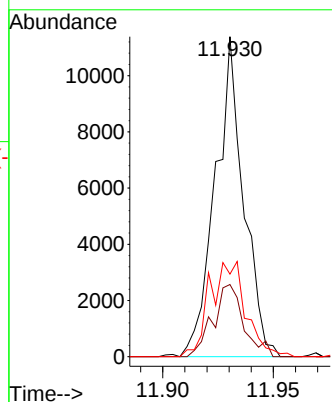
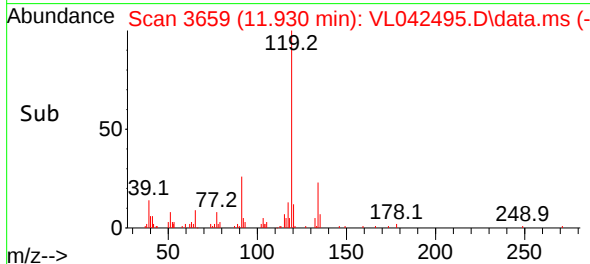
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



Tgt Ion: 119 Resp: 1014
Ion Ratio Lower Upper
119 100
134 24.4 19.0 28.4
91 38.3 25.5 38.3

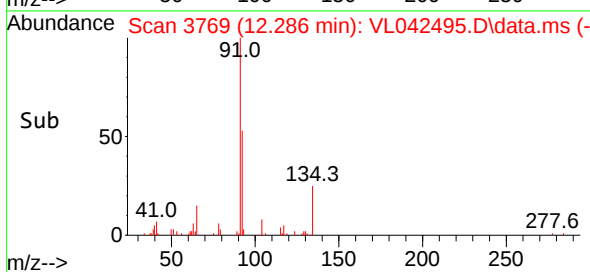
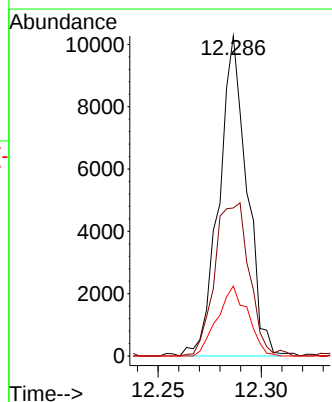
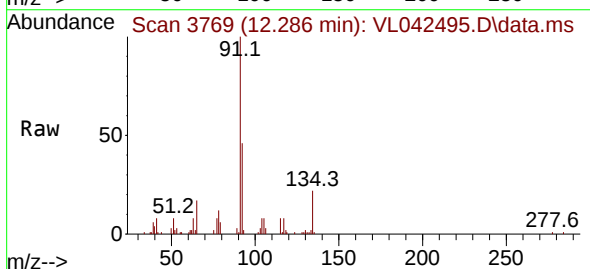
Manual Integrations
APPROVED

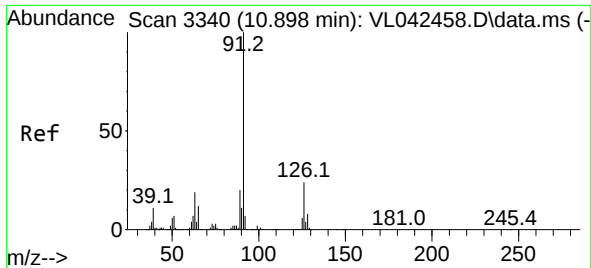
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#70
n-Butylbenzene
Concen: 0.295 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. 0.006 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Tgt Ion: 91 Resp: 9641
Ion Ratio Lower Upper
91 100
92 59.9 44.0 66.0
134 23.8 16.8 25.2





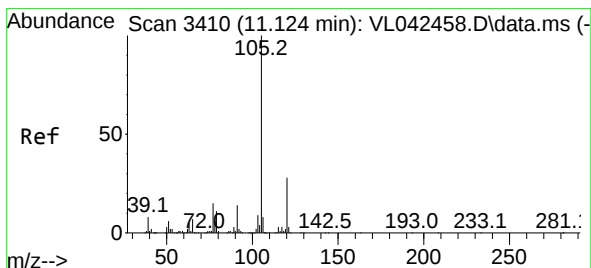
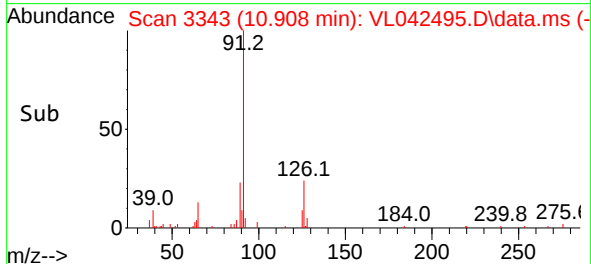
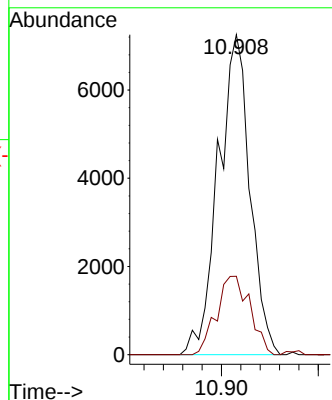
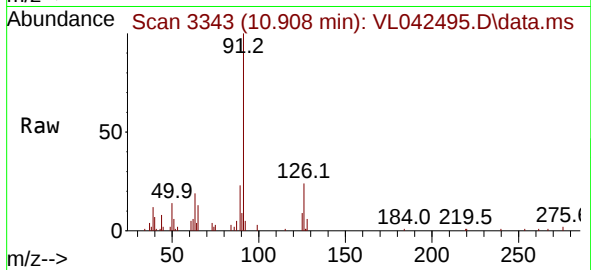
#71
2-Chlorotoluene
Concen: 0.355 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45

Tgt Ion: 91 Resp: 823
Ion Ratio Lower Upper
91 100
126 26.4 10.6 42.2

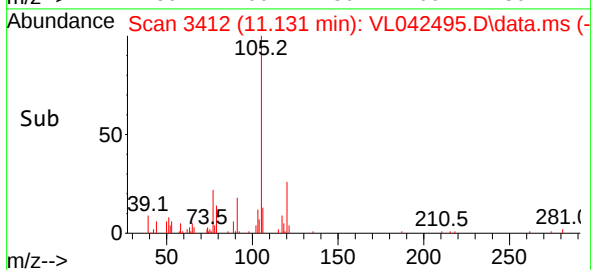
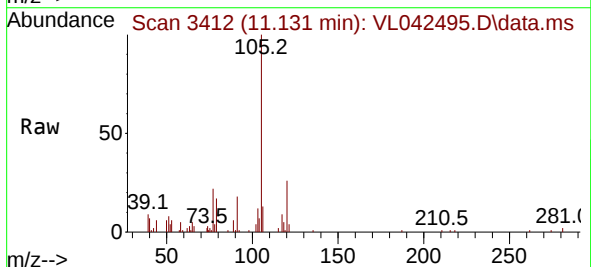
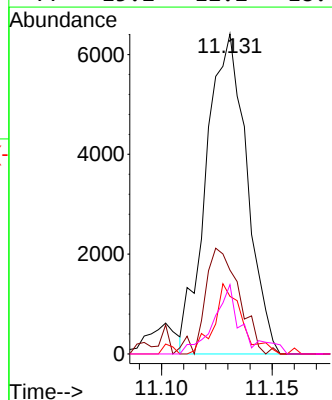
Manual Integrations
APPROVED

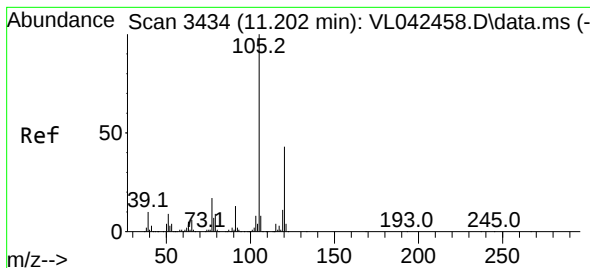
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#72
4-Ethyltoluene
Concen: 0.338 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.006 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Tgt Ion:105 Resp: 8165
Ion Ratio Lower Upper
105 100
120 31.4 22.0 33.0
91 16.1 11.2 16.8
77 15.2 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.320 ppbv

RT: 11.209 min Scan# 3434

Delta R.T. 0.006 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

Instrument :

MSVOA_L

ClientSampleId :

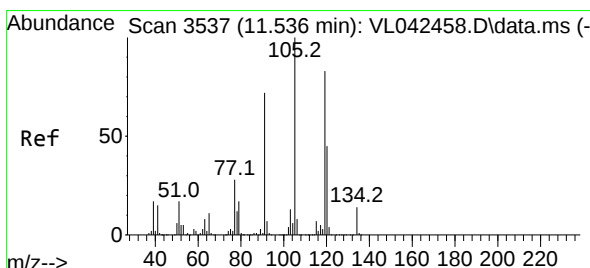
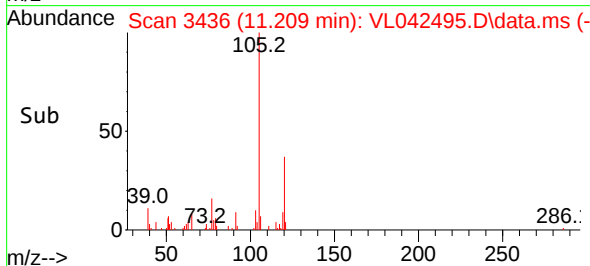
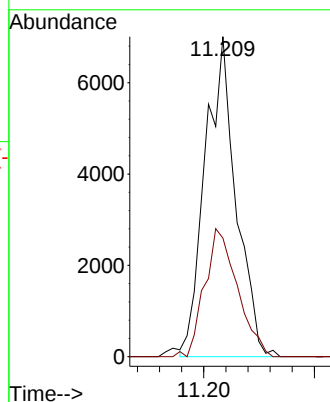
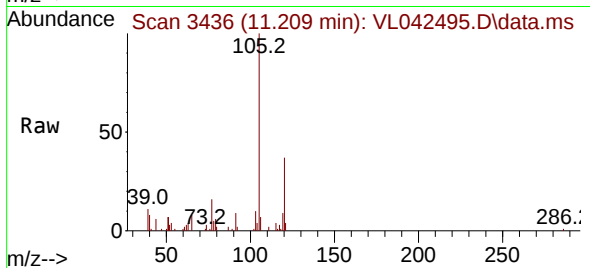
MDL1 0.45

Tgt Ion:105 Resp: 6809
 Ion Ratio Lower Upper
 105 100
 120 41.4 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
 Supervised By :Mahesh Dadoda 05/09/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.341 ppbv

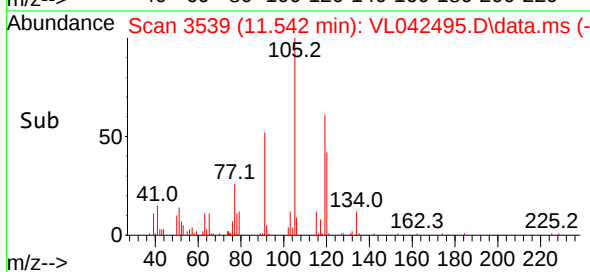
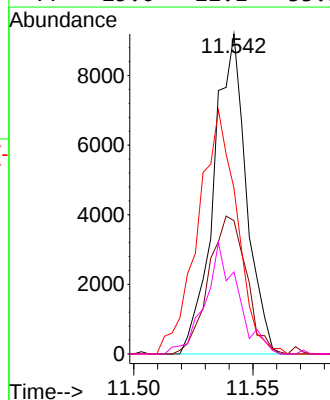
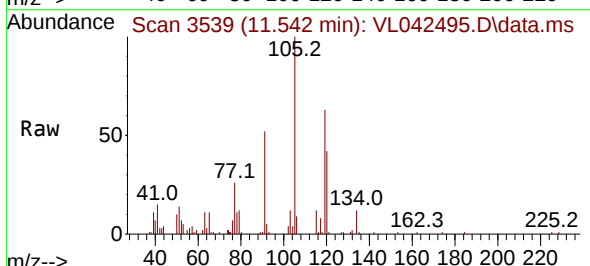
RT: 11.542 min Scan# 3539

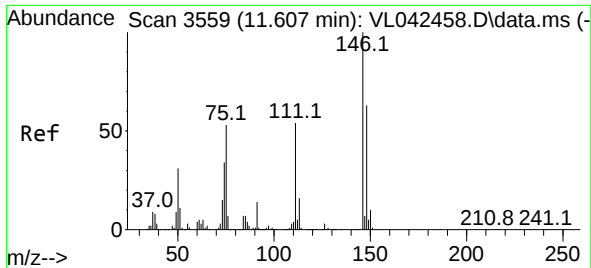
Delta R.T. 0.007 min

Lab File: VL042495.D

Acq: 06 May 2025 14:26

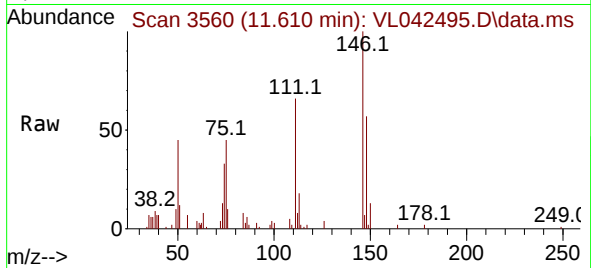
Tgt Ion:105 Resp: 8755
 Ion Ratio Lower Upper
 105 100
 120 41.0 36.1 54.1
 91 50.1 57.6 86.4#
 77 25.0 22.1 33.1





#75
1,3-Dichlorobenzene
Concen: 0.503 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

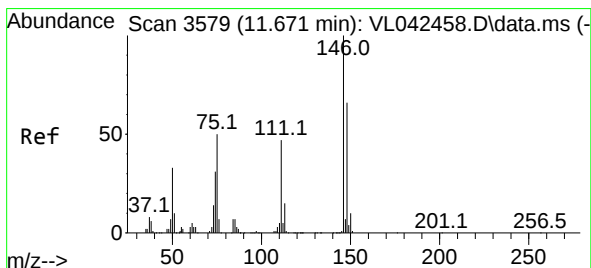
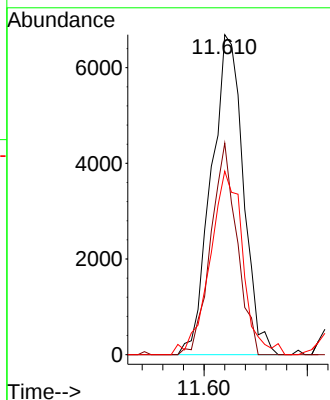
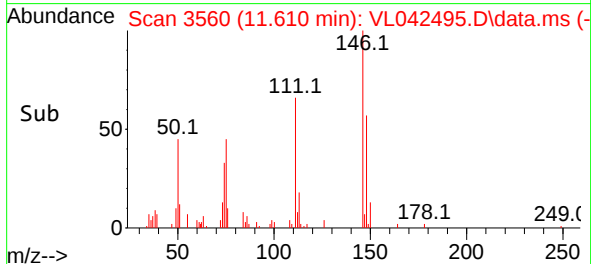
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



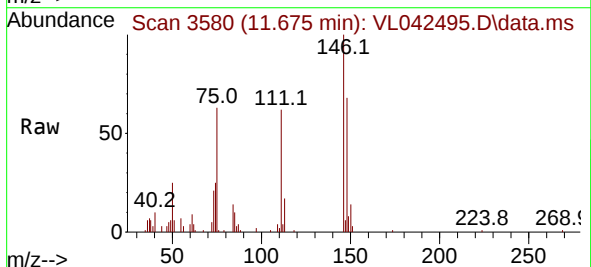
Tgt Ion:146 Resp: 7200
Ion Ratio Lower Upper
146 100
111 54.1 26.1 78.3
148 58.6 32.0 96.0

Manual Integrations
APPROVED

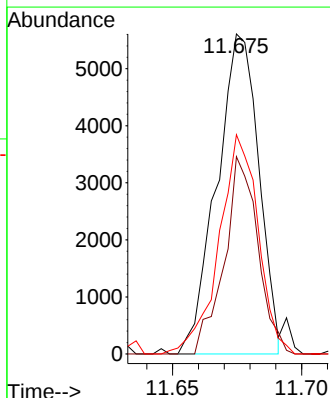
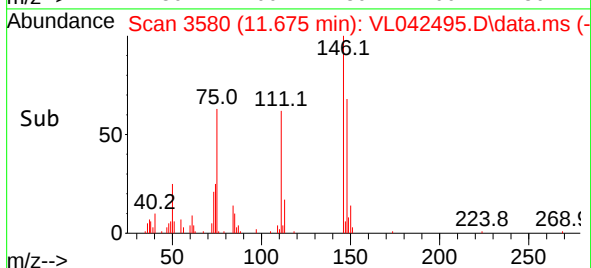
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

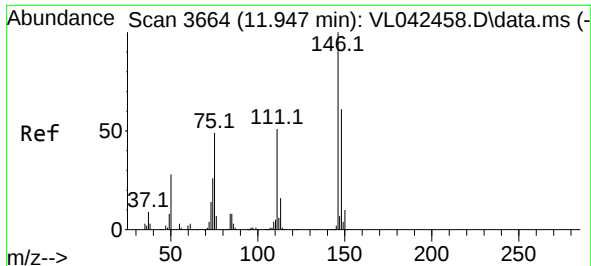


#76
1,4-Dichlorobenzene
Concen: 0.469 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26



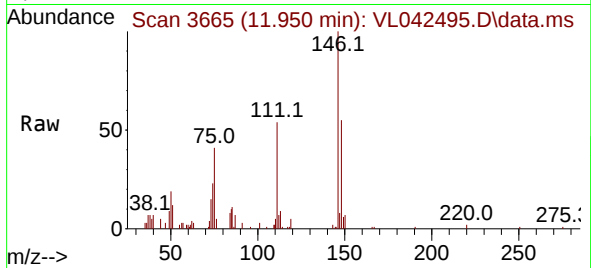
Tgt Ion:146 Resp: 6355
Ion Ratio Lower Upper
146 100
111 49.2 24.4 73.2
148 63.5 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 0.499 ppbv
RT: 11.950 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

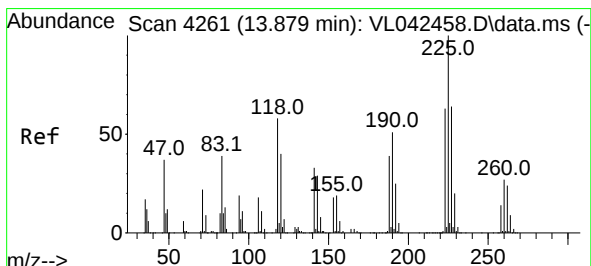
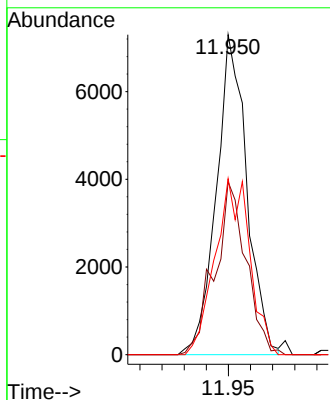
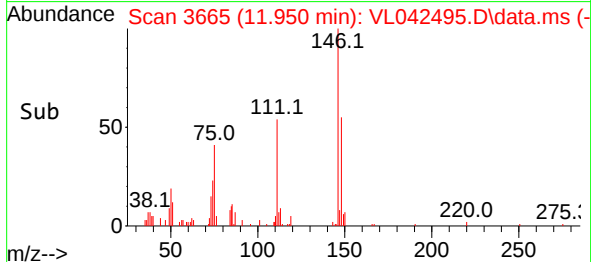
Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45



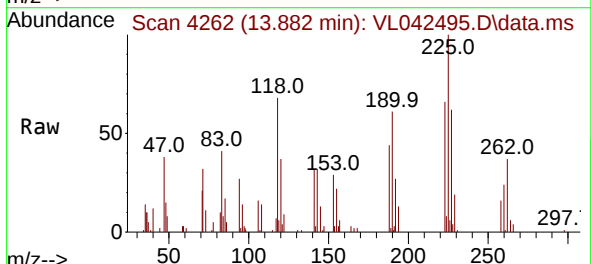
Tgt Ion:146 Resp: 698
Ion Ratio Lower Upper
146 100
111 55.6 26.5 79.5
148 62.4 31.5 94.5

Manual Integrations
APPROVED

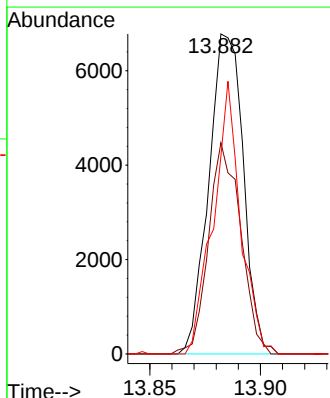
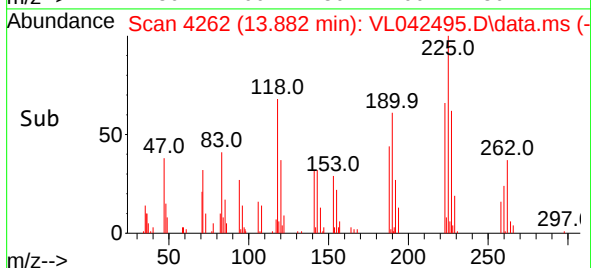
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

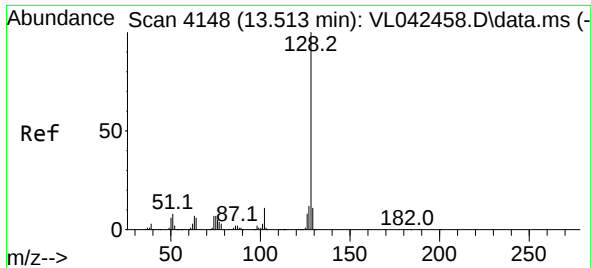


#78
Hexachloro-1,3-Butadiene
Concen: 0.527 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. 0.003 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26



Tgt Ion:225 Resp: 7369
Ion Ratio Lower Upper
225 100
223 61.1 50.2 75.4
227 67.6 51.2 76.8





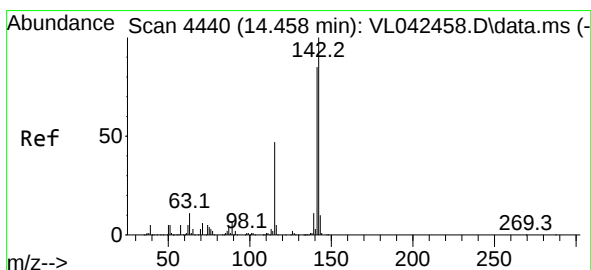
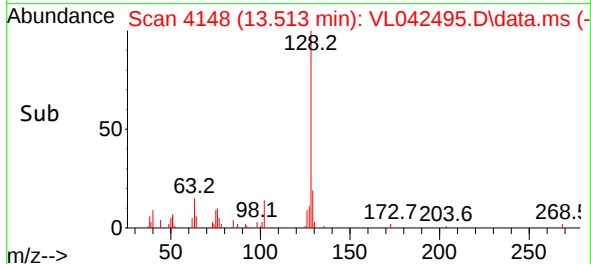
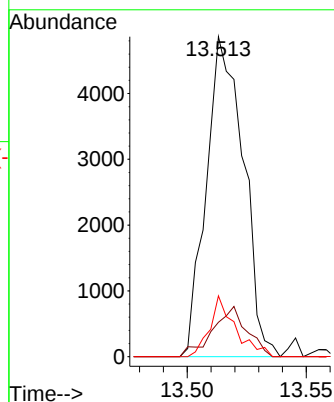
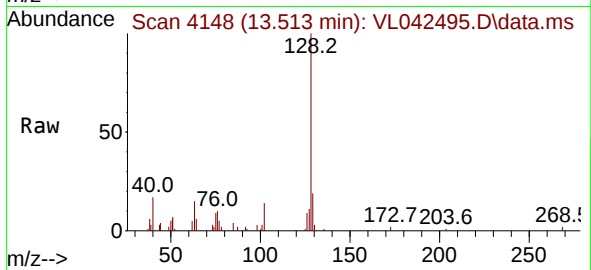
#79
Naphthalene
Concen: 0.243 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. 0.000 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Instrument :
MSVOA_L
ClientSampleId :
MDL1 0.45

Tgt Ion:128	Resp:	526
Ion Ratio	Lower	Upper
128	100	
127	10.7	9.7 14.5
129	19.0	8.6 13.0

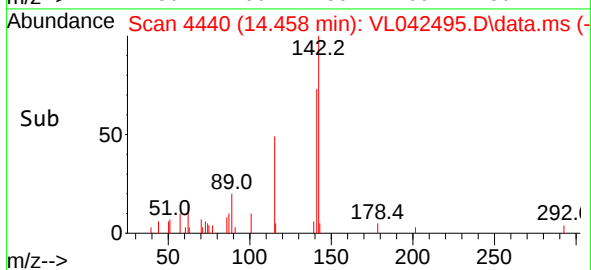
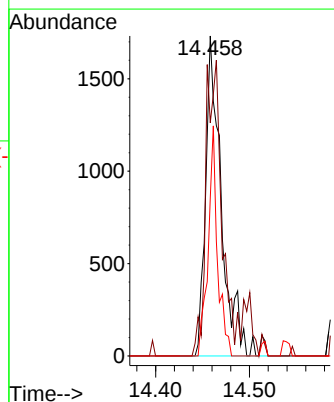
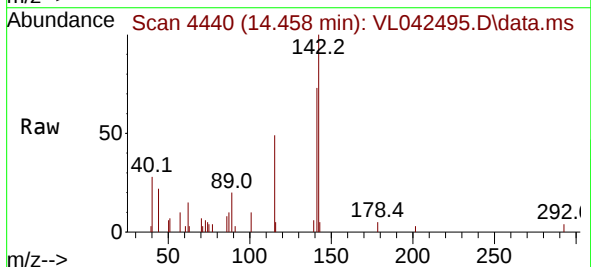
Manual Integrations
APPROVED

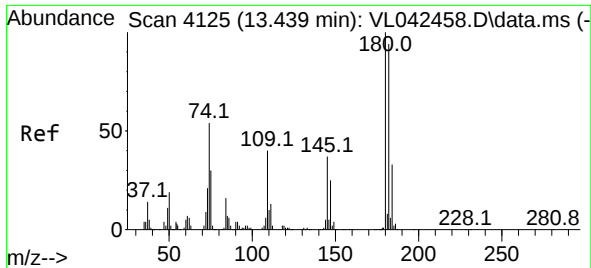
Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025



#80
Naphthalene,2-methyl-
Concen: 0.127 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VL042495.D
Acq: 06 May 2025 14:26

Tgt Ion:142	Resp:	2039
Ion Ratio	Lower	Upper
142	100	
141	105.7	67.4 101.0
115	42.6	36.9 55.3





#81

1,2,4-Trichlorobenzene

Concen: 0.299 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL042495.D

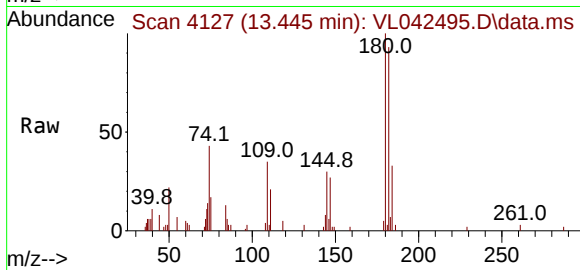
Acq: 06 May 2025 14:26

Instrument :

MSVOA_L

ClientSampleId :

MDL1 0.45



Tgt Ion:	180	Resp:	345
Ion Ratio	Lower	Upper	
180	100		
182	94.3	74.6	111.8
184	35.7	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2025
Supervised By :Mahesh Dadoda 05/09/2025

