

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120825\
 Data File : VL043305.D
 Acq On : 08 Dec 2025 08:44
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/09/2025
 Supervised By : Mahesh Dadoda 12/11/2025

Quant Time: Dec 09 00:07:49 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M

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

QLast Update : Wed Nov 19 01:11:25 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	129333	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	319801	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	246102	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.367 95 185245 10.269 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	194161	10.644	ppbv	98
3) Chlorodifluoromethane	1.473	51	181461	10.115	ppbv	95
4) Chloromethane	1.531	50	69866	10.244	ppbv	96
5) Vinyl Chloride	1.580	62	68051	9.124	ppbv	98
6) Bromomethane	1.667	94	33036	9.137	ppbv	97
7) Chloroethane	1.703	64	28027	9.648	ppbv	93
8) Dichlorotetrafluoroethane	1.554	85	158307	10.433	ppbv	97
9) Propene	1.479	41	71565	9.394	ppbv #	1
10) Heptane	4.969	43	214107	9.444	ppbv	99
11) Trichlorofluoromethane	1.874	101	201211	11.385	ppbv	96
12) 1,1,2-Trichlorotrifluoro...	2.136	101	154240	11.178	ppbv	97
13) Ethanol	1.719	45	22019	8.220	ppbv	97
14) Bromoethene	1.780	108	55354	10.465	ppbv	96
15) Acetone	1.832	43	154196	8.581	ppbv	99
16) 1,3-Butadiene	1.606	39	76902	9.600	ppbv	97
17) tert-Butyl alcohol	2.036	59	210170	8.911	ppbv	98
18) 1,1-Dichloroethene	2.030	96	67377	10.487	ppbv	94
19) Isopropyl Alcohol	1.884	45	84553	8.327	ppbv #	86
20) Methylene Chloride	2.059	84	60771	11.604	ppbv	96
21) Allyl Chloride	2.091	41	105856	8.756	ppbv	98
22) trans-1,2-Dichloroethene	2.337	96	75565	10.291	ppbv	94
23) Vinyl Acetate	2.457	43	204427	9.424	ppbv #	96
24) 1,1-Dichloroethane	2.405	63	146480	10.334	ppbv	98
25) Ethyl Acetate	2.829	43	373216	9.630	ppbv	99
26) Hexane	2.819	57	168150	9.897	ppbv	98
27) Carbon Disulfide	2.146	76	188702	10.878	ppbv	99
28) Methyl tert-Butyl Ether	2.434	73	84588	10.142	ppbv	96
29) Chloroform	2.842	83	280385	11.610	ppbv	97
30) Cyclohexane	3.845	84	138616	9.731	ppbv	94
31) cis-1,2-Dichloroethene	2.716	61	166393	9.853	ppbv	96
32) 1,1,1-Trichloroethane	3.360	97	280239	10.886	ppbv	99
34) 2-Butanone	2.551	43	234600	10.392	ppbv	100
35) Carbon Tetrachloride	3.752	117	294900	12.149	ppbv	98
36) Benzene	3.648	78	339149	11.074	ppbv	99
37) 1,2-Dichloroethane	3.211	62	209977	11.721	ppbv	98
38) Trichloroethene	4.535	130	135509	11.309	ppbv	98
39) 1,2-Dichloropropane	4.302	63	121360	10.827	ppbv	87
40) 1,4-Dioxane	4.564	88	44522	8.836	ppbv #	98
41) Tetrahydrofuran	3.046	42	120028	9.628	ppbv	98
42) Bromodichloromethane	4.477	83	299904	12.136	ppbv	99
43) Methyl Methacrylate	4.865	69	152174	9.361	ppbv	98
44) 2,2,4-Trimethylpentane	4.629	57	573790	10.909	ppbv	99
45) t-1,3-Dichloropropene	6.402	75	117128	7.729	ppbv	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M

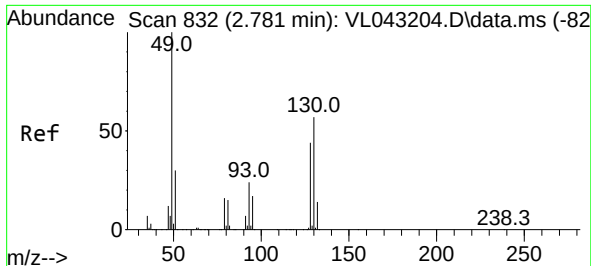
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2025

QLast Update : Wed Nov 19 01:11:25 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.580	75	146255m	8.219	ppbv	
47) 1,1,2-Trichloroethane	6.564	97	135385	11.381	ppbv	95
48) Dibromochloromethane	7.370	129	240386	11.753	ppbv	99
49) Bromoform	9.471	173	217719	12.018	ppbv	98
50) 4-Methyl-2-Pentanone	5.729	43	310023	9.749	ppbv	97
51) 2-Hexanone	7.419	43	219906	8.905	ppbv #	99
52) Tetrachloroethene	8.212	164	123188	10.813	ppbv	98
53) Toluene	6.920	91	368638	10.165	ppbv	100
54) 1,2-Dibromoethane	7.636	107	185272	10.583	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.914	131	231860	12.819	ppbv	97
57) Chlorobenzene	8.911	112	301763	11.943	ppbv	95
58) Ethyl Benzene	9.344	91	527984	11.146	ppbv	95
59) m/p-Xylene	9.522	91	897418m	23.631	ppbv	
60) o-Xylene	9.953	91	447628	11.799	ppbv	99
61) Styrene	9.859	104	167047	10.061	ppbv	99
62) Isopropylbenzene	10.529	105	797107	11.744	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.950	83	290145	12.020	ppbv	99
64) n-propylbenzene	10.979	120	205431	11.779	ppbv	99
65) tert-Butylbenzene	11.523	119	694372	11.455	ppbv	100
66) Benzyl Chloride	11.607	91	30971	5.035	ppbv	98
67) sec-Butylbenzene	11.759	105	982704	11.615	ppbv	99
69) p-Isopropyltoluene	11.918	119	812059	11.330	ppbv	99
70) n-Butylbenzene	12.274	91	780968	11.231	ppbv	99
71) 2-Chlorotoluene	10.892	91	588943	11.289	ppbv	99
72) 4-Ethyltoluene	11.118	105	539530	11.678	ppbv	99
73) 1,3,5-Trimethylbenzene	11.196	105	445981	11.503	ppbv	97
74) 1,2,4-Trimethylbenzene	11.529	105	499268	11.800	ppbv	91
75) 1,3-Dichlorobenzene	11.597	146	298569	12.092	ppbv	98
76) 1,4-Dichlorobenzene	11.662	146	298168	12.074	ppbv	99
77) 1,2-Dichlorobenzene	11.937	146	286499	12.068	ppbv	99
78) Hexachloro-1,3-Butadiene	13.876	225	220765	11.143	ppbv	99
79) Naphthalene	13.507	128	403341	10.733	ppbv	99
80) Naphthalene,2-methyl-	14.452	142	91763	9.302	ppbv	97
81) 1,2,4-Trichlorobenzene	13.432	180	202078	12.024	ppbv	99

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



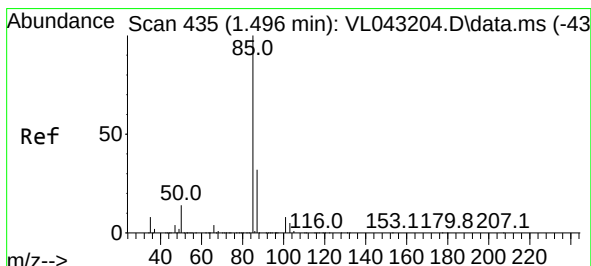
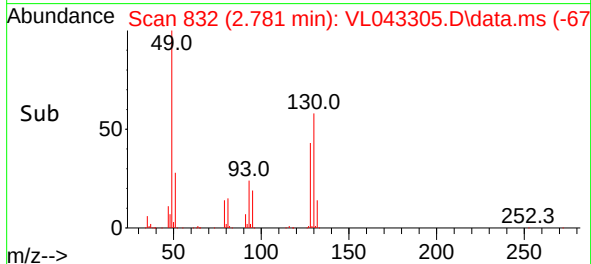
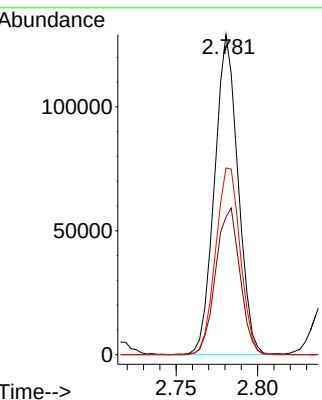
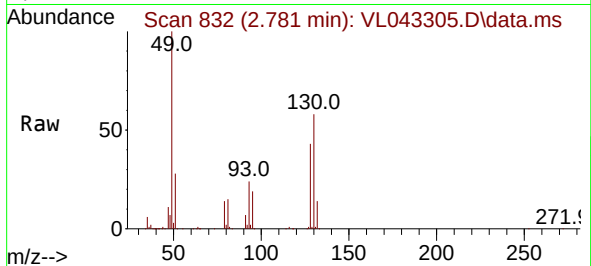
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 832
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 12933
Ion Ratio Lower Upper
49 100
128 47.5 23.0 69.0
130 61.0 29.9 89.7

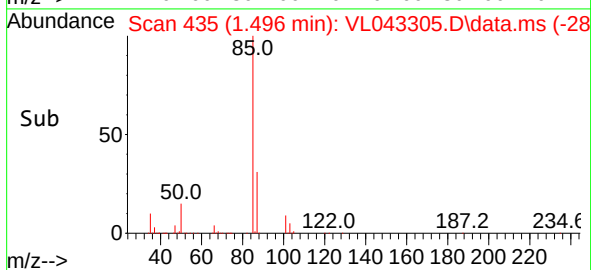
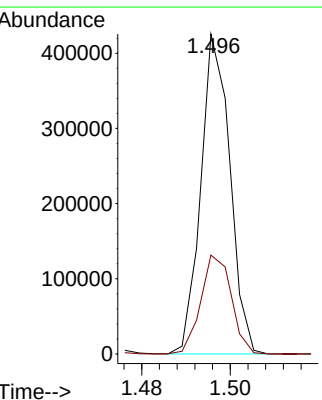
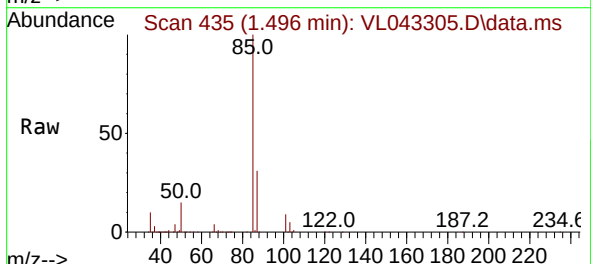
Manual Integrations
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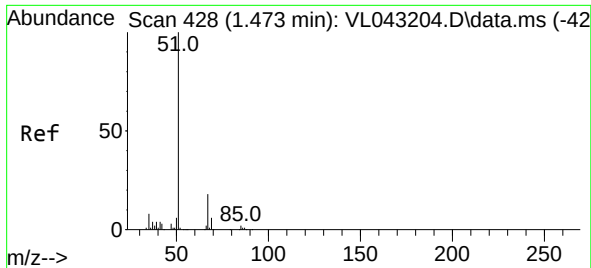
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#2
Dichlorodifluoromethane
Concen: 10.644 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

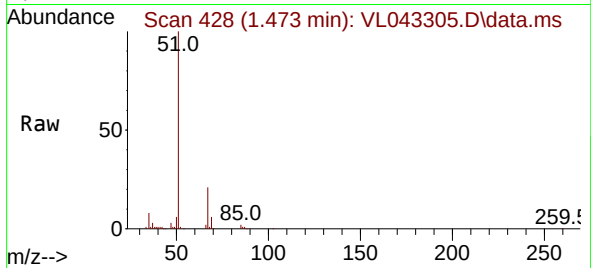
Tgt Ion: 85 Resp: 194161
Ion Ratio Lower Upper
85 100
87 30.9 25.4 38.2





#3
Chlorodifluoromethane
Concen: 10.115 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

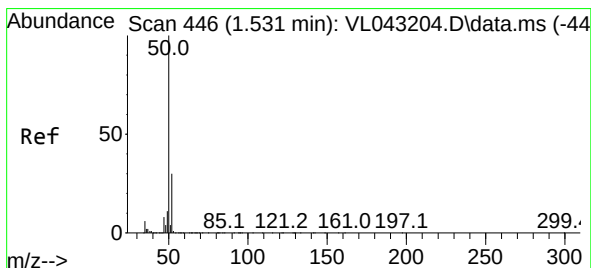
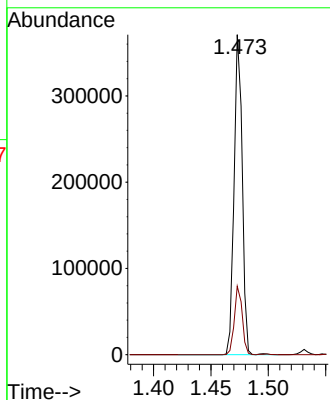
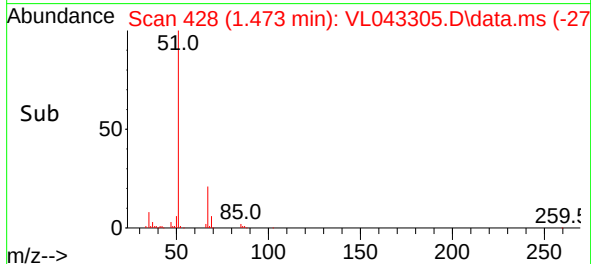
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



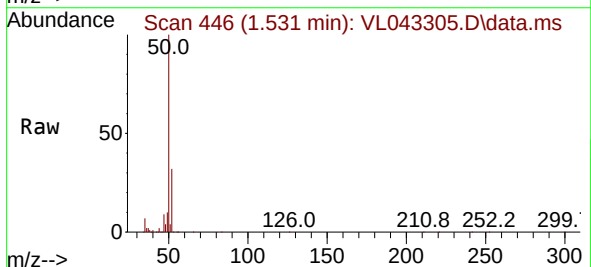
Tgt Ion: 51 Resp: 18146
Ion Ratio Lower Upper
51 100
67 20.9 14.9 22.3

Manual Integrations
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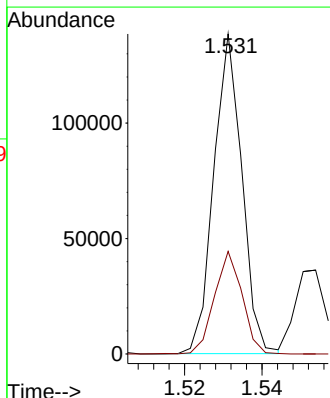
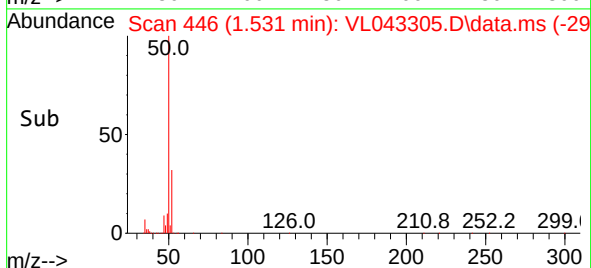
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

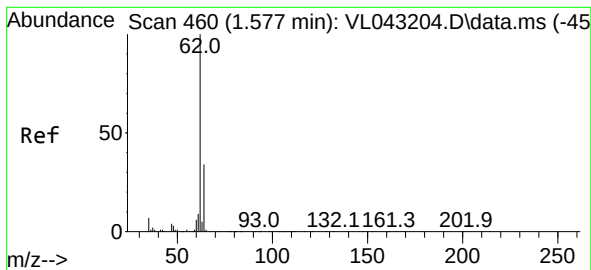


#4
Chloromethane
Concen: 10.244 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44



Tgt Ion: 50 Resp: 69866
Ion Ratio Lower Upper
50 100
52 32.0 24.1 36.1





#5

Vinyl Chloride

Concen: 9.124 ppbv

RT: 1.580 min Scan# 4

Delta R.T. 0.003 min

Lab File: VL043305.D

Acq: 08 Dec 2025 08:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 6805

Ion Ratio Lower Upper

62 100

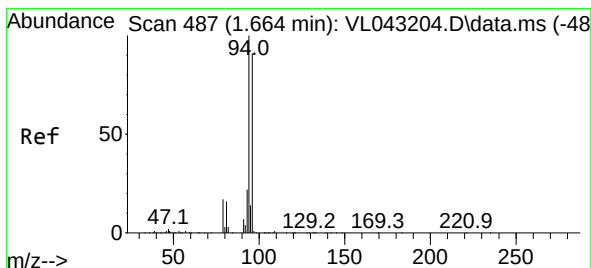
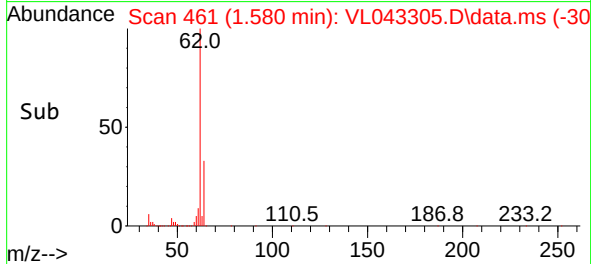
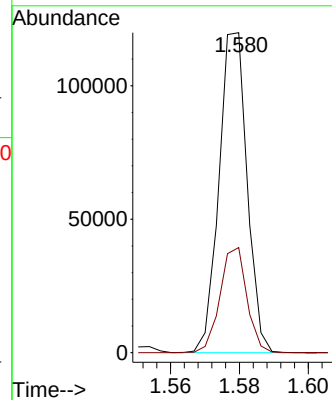
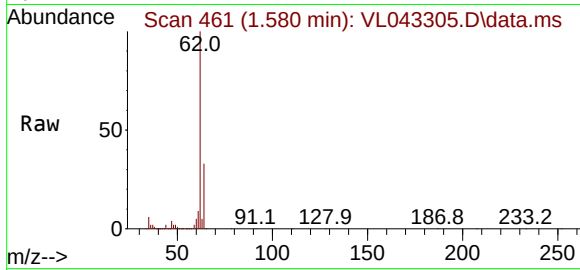
64 32.9 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025

Supervised By :Mahesh Dadoda 12/11/2025



#6

Bromomethane

Concen: 9.137 ppbv

RT: 1.667 min Scan# 488

Delta R.T. 0.003 min

Lab File: VL043305.D

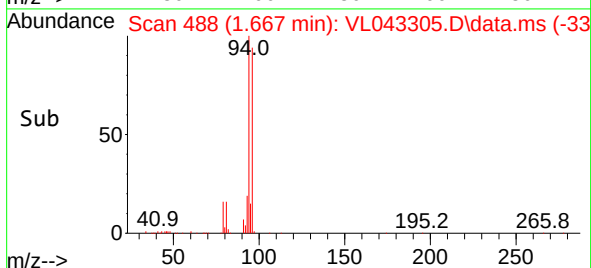
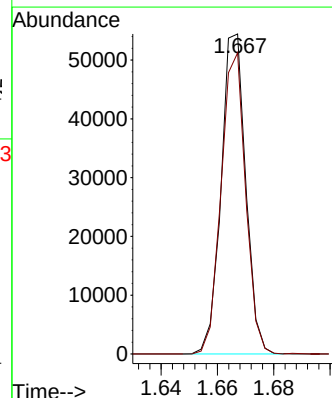
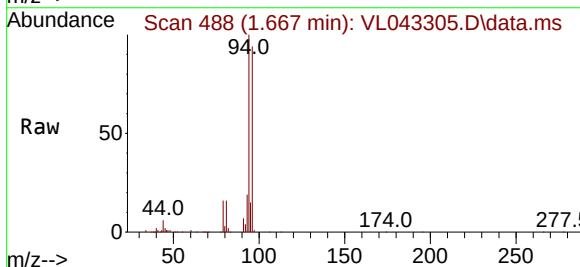
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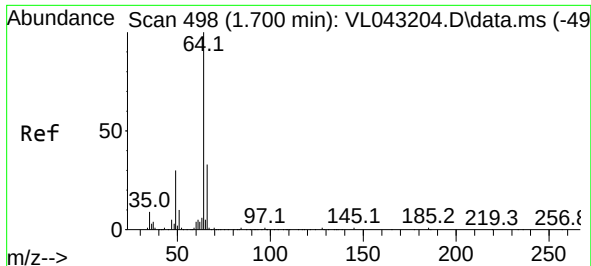
Tgt Ion: 94 Resp: 33036

Ion Ratio Lower Upper

94 100

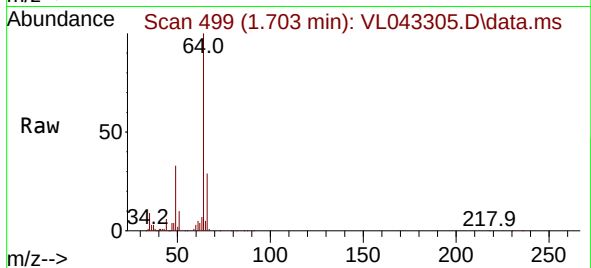
96 94.1 72.9 109.3





#7
Chloroethane
Concen: 9.648 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

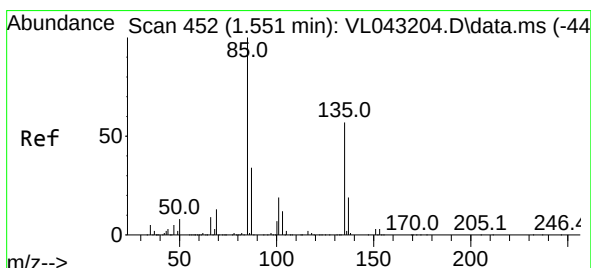
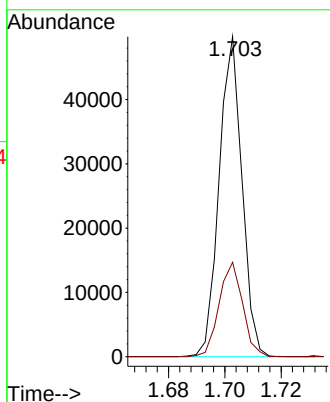
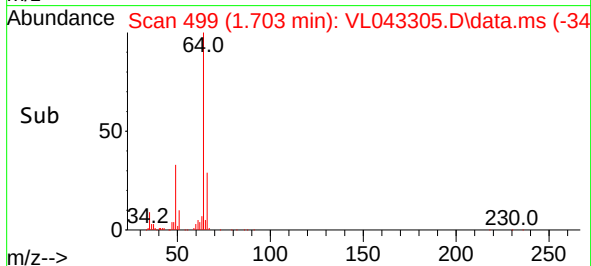
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



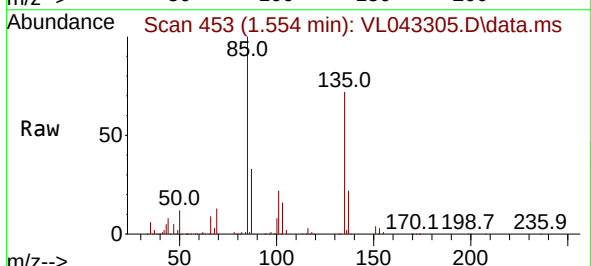
Tgt Ion: 64 Resp: 2802
Ion Ratio Lower Upper
64 100
66 29.5 26.8 40.2

Manual Integrations
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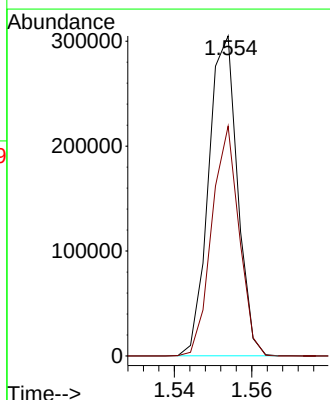
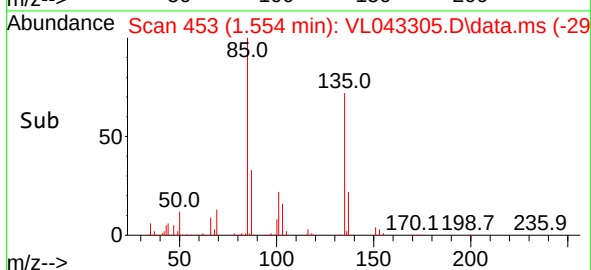
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

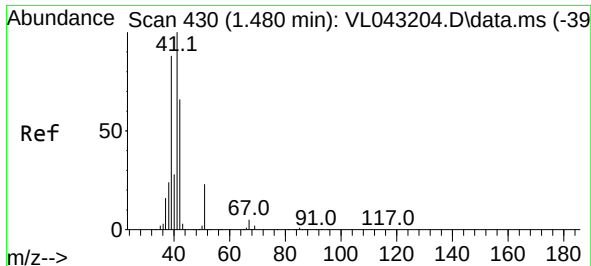


#8
Dichlorotetrafluoroethane
Concen: 10.433 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44



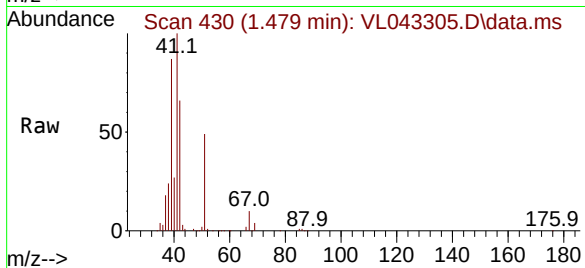
Tgt Ion: 85 Resp: 158307
Ion Ratio Lower Upper
85 100
135 67.8 52.6 79.0





#9
Propene
Concen: 9.394 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

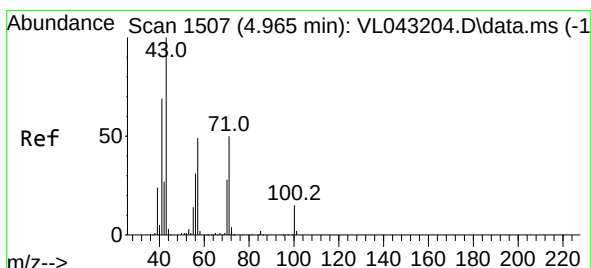
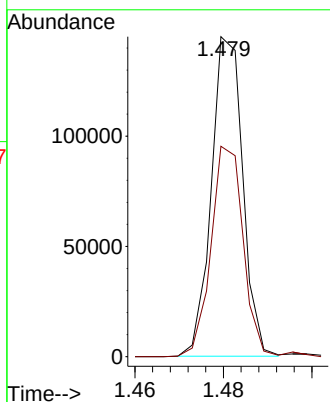
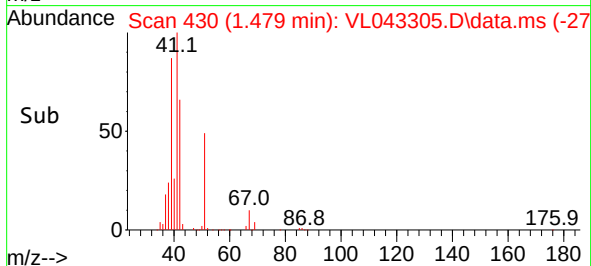
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



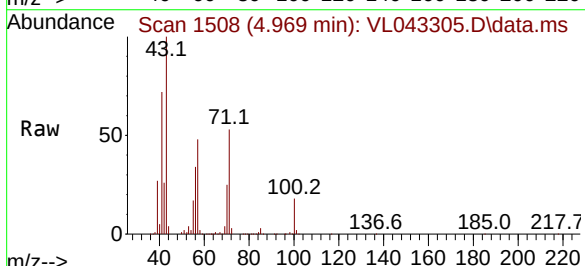
Tgt Ion: 41 Resp: 7156
Ion Ratio Lower Upper
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42 68.4 3.7 5.5

Manual Integrations
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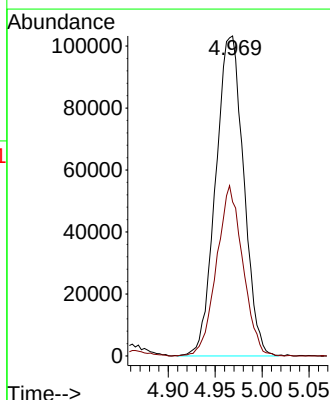
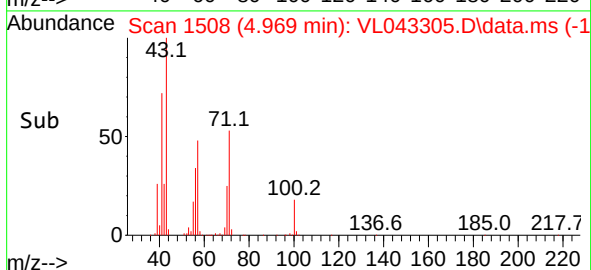
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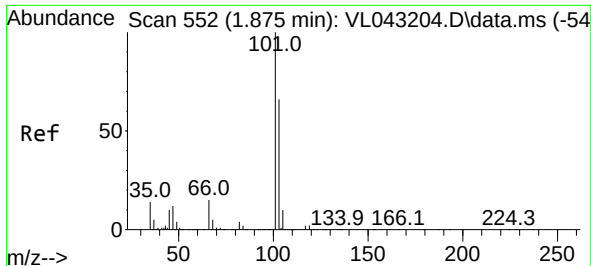


#10
Heptane
Concen: 9.444 ppbv
RT: 4.969 min Scan# 1508
Delta R.T. 0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44



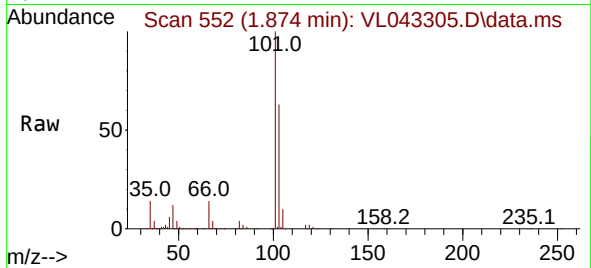
Tgt Ion: 43 Resp: 214107
Ion Ratio Lower Upper
43 100
57 50.0 39.7 59.5





#11
 Trichlorofluoromethane
 Concen: 11.385 ppbv
 RT: 1.874 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL043305.D
 Acq: 08 Dec 2025 08:44

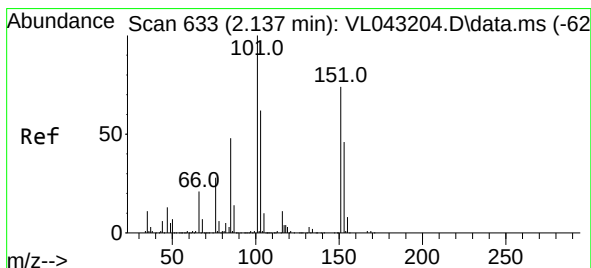
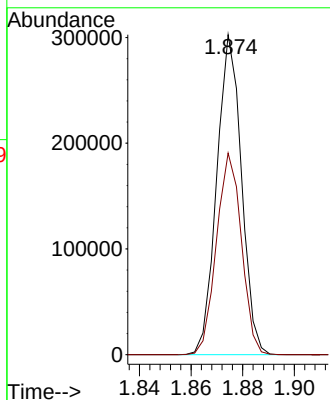
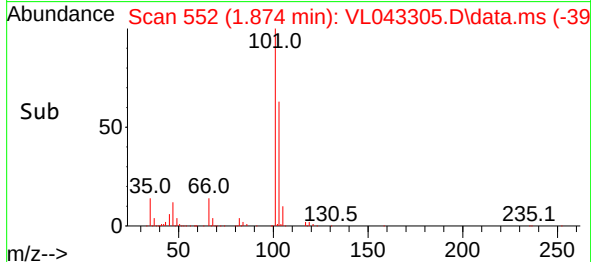
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



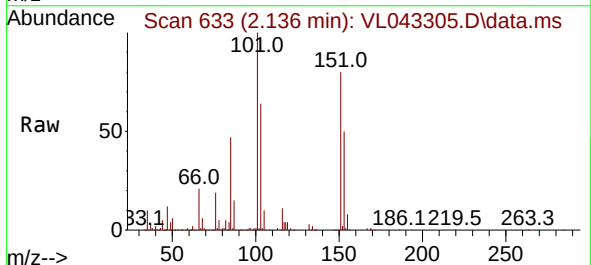
Tgt Ion:101 Resp: 20121
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.6 79.0

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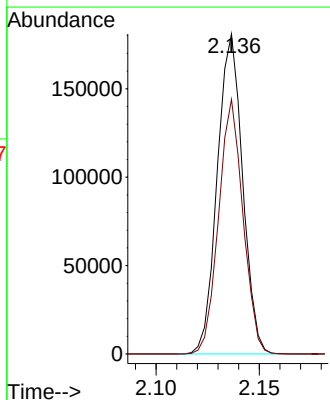
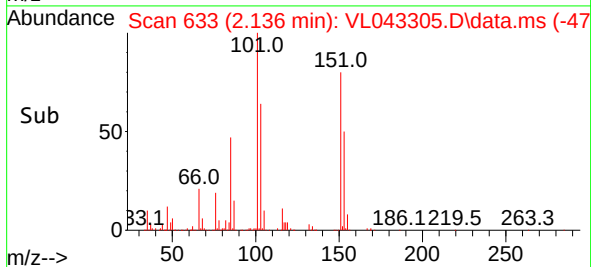
Reviewed By :Semsettin Yesilyurt 12/09/2025
 Supervised By :Mahesh Dadoda 12/11/2025

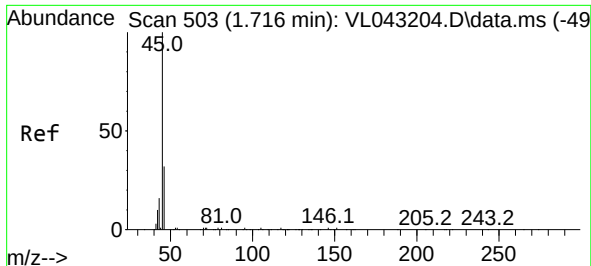


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.178 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: VL043305.D
 Acq: 08 Dec 2025 08:44



Tgt Ion:101 Resp: 154240
 Ion Ratio Lower Upper
 101 100
 151 76.6 59.2 88.8





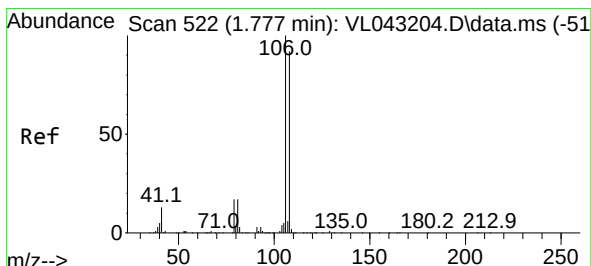
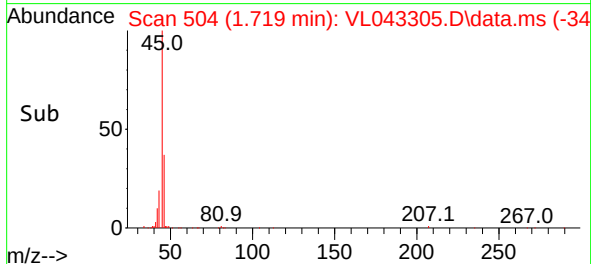
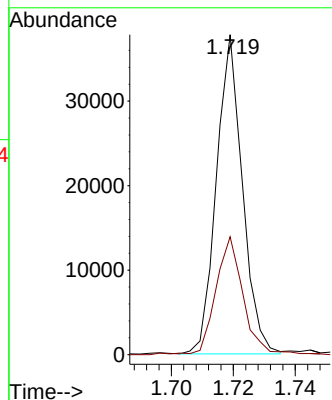
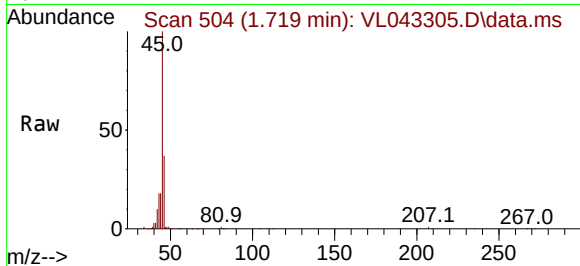
#13
Ethanol
Concen: 8.220 ppbv
RT: 1.719 min Scan# 503
Delta R.T. 0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 22019
Ion Ratio Lower Upper
45 100
46 39.2 15.0 59.8

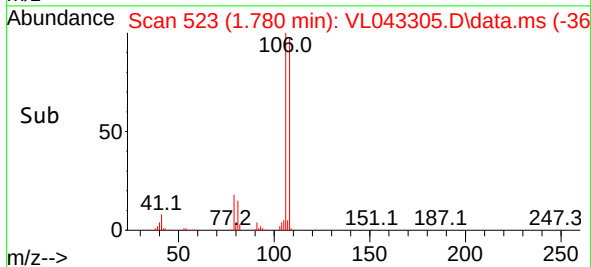
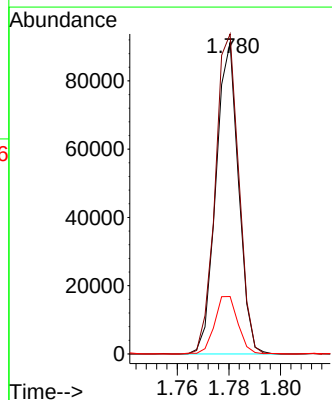
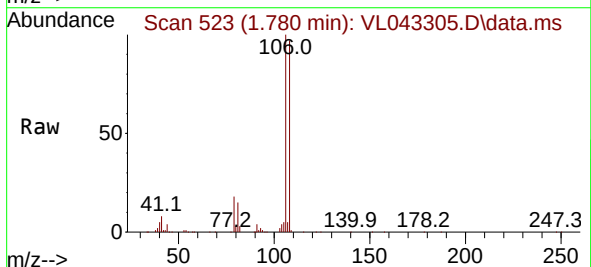
Manual Integrations
APPROVED

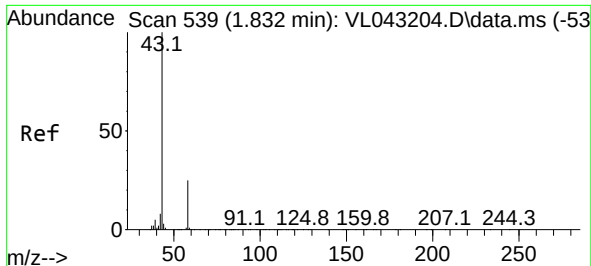
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#14
Bromoethene
Concen: 10.465 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Tgt Ion:108 Resp: 55354
Ion Ratio Lower Upper
108 100
106 106.7 88.9 133.3
79 19.4 16.5 24.7





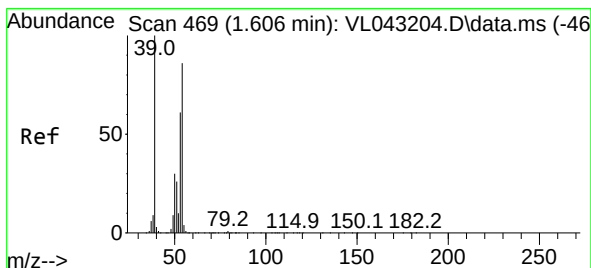
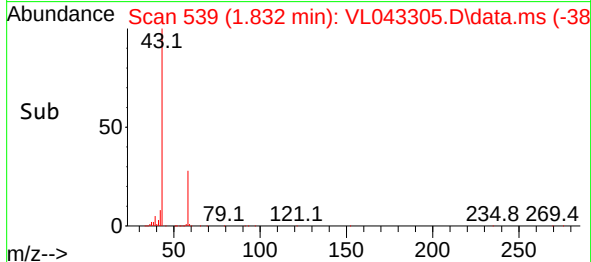
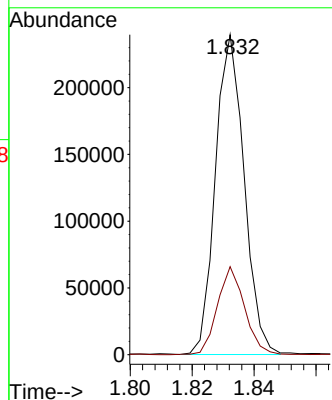
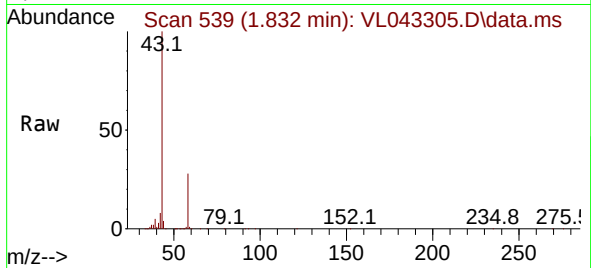
#15
Acetone
Concen: 8.581 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 154190
Ion Ratio Lower Upper
43 100
58 26.2 20.7 31.1

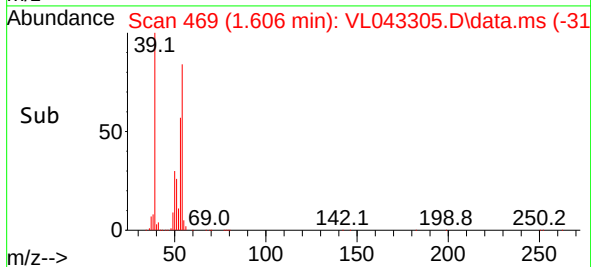
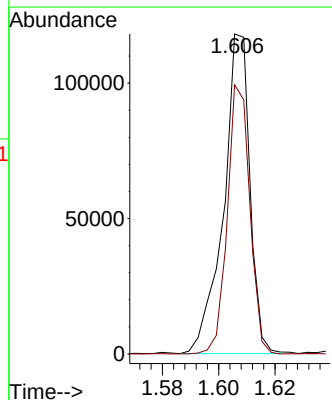
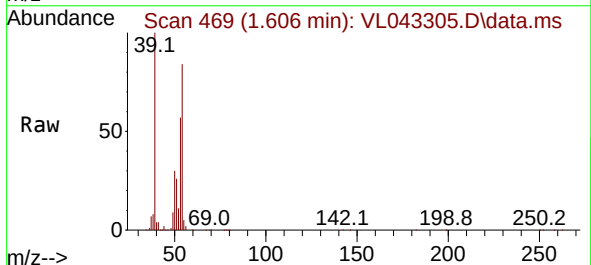
Manual Integrations
APPROVED

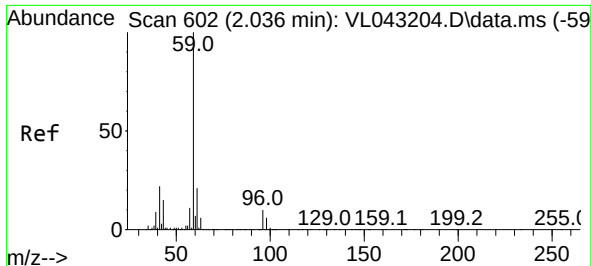
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#16
1,3-Butadiene
Concen: 9.600 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

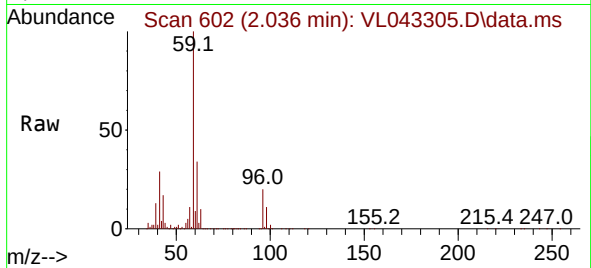
Tgt Ion: 39 Resp: 76902
Ion Ratio Lower Upper
39 100
54 71.7 59.4 89.2





#17
tert-Butyl alcohol
Concen: 8.911 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

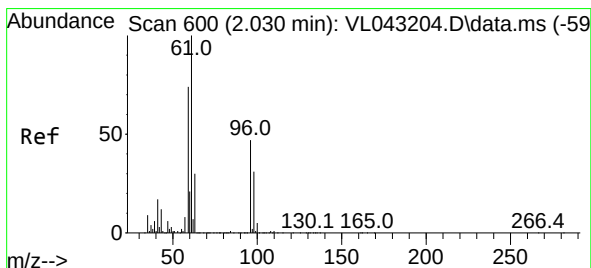
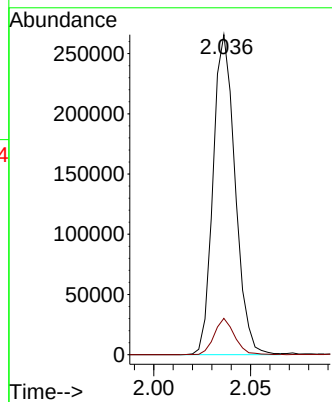
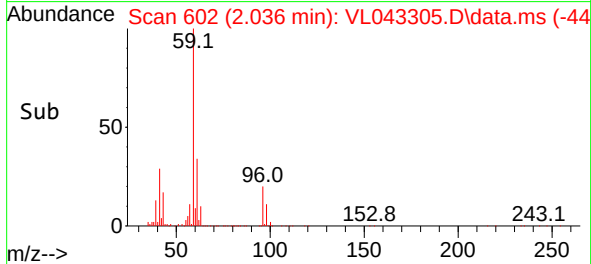
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



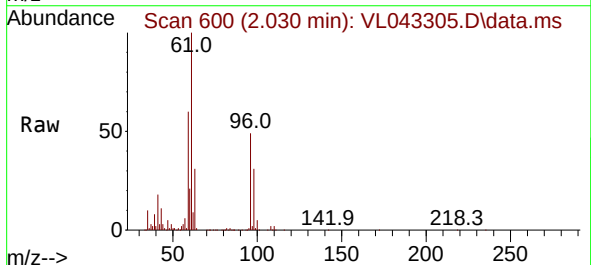
Tgt Ion: 59 Resp: 210170
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4

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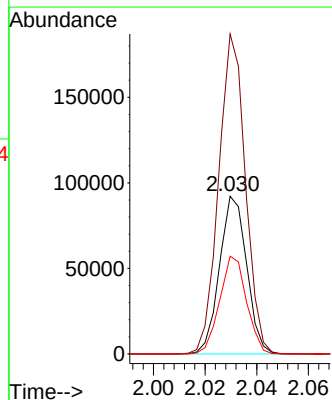
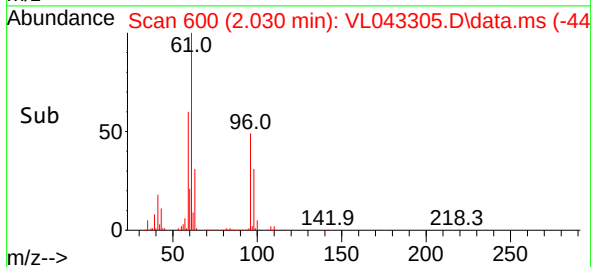
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

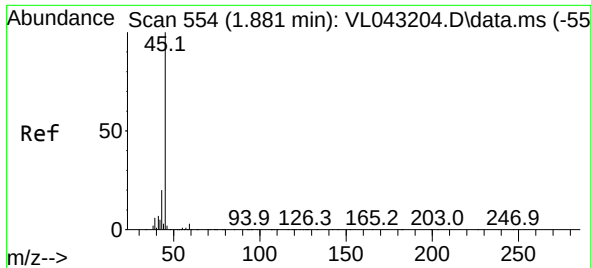


#18
1,1-Dichloroethene
Concen: 10.487 ppbv
RT: 2.030 min Scan# 600
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44



Tgt Ion: 96 Resp: 67377
Ion Ratio Lower Upper
96 100
61 202.7 170.6 255.8
98 62.0 52.2 78.4





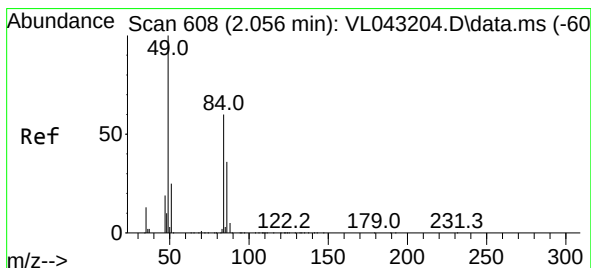
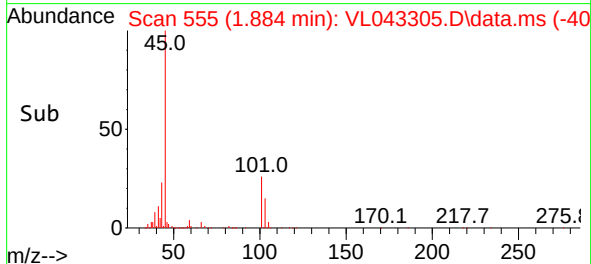
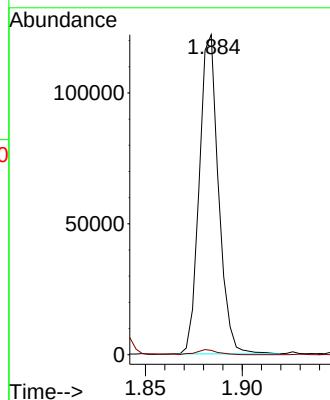
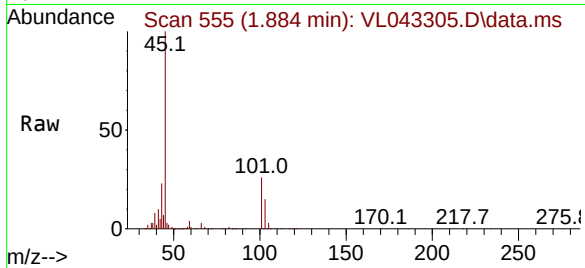
#19
Isopropyl Alcohol
Concen: 8.327 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 8455
Ion Ratio Lower Upper
45 100
58 47.9 31.3 46.9

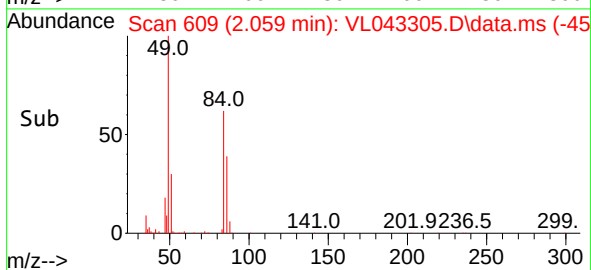
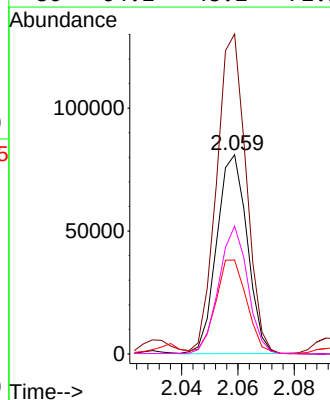
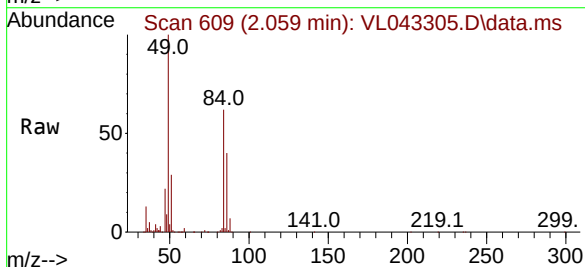
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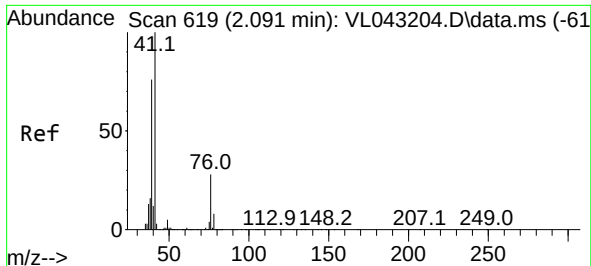
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#20
Methylene Chloride
Concen: 11.604 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Tgt Ion: 84 Resp: 60771
Ion Ratio Lower Upper
84 100
49 160.8 132.9 199.3
51 47.0 34.8 52.2
86 64.2 48.2 72.2





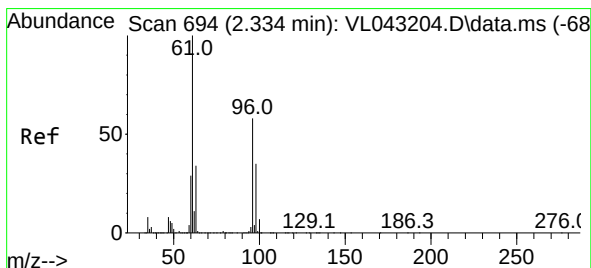
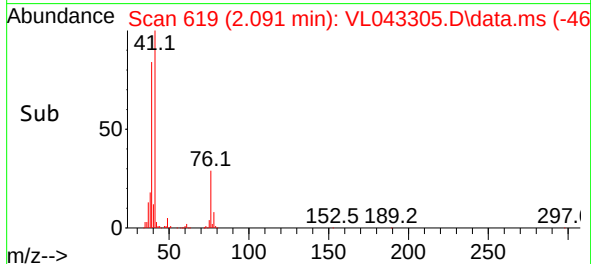
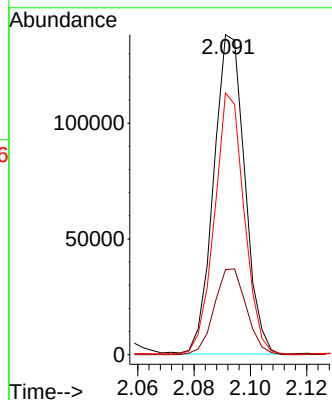
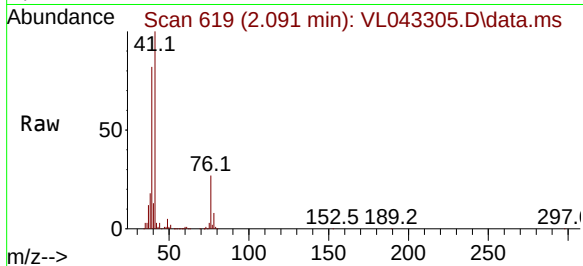
#21
 Allyl Chloride
 Concen: 8.756 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.000 min
 Lab File: VL043305.D
 Acq: 08 Dec 2025 08:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 105850
 Ion Ratio Lower Upper
 41 100
 76 27.6 22.1 33.1
 39 78.1 61.0 91.4

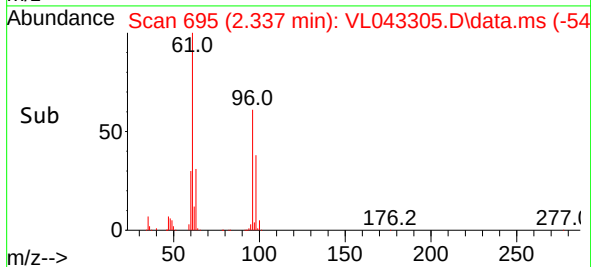
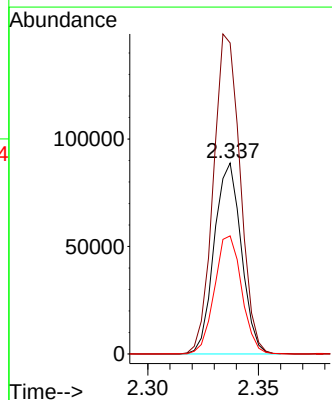
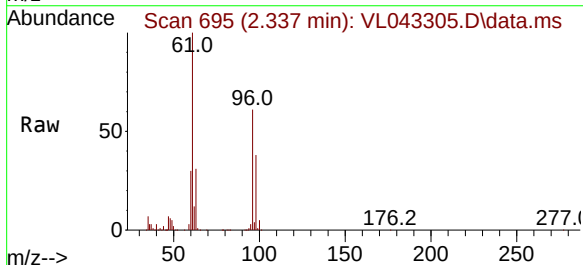
Manual Integrations
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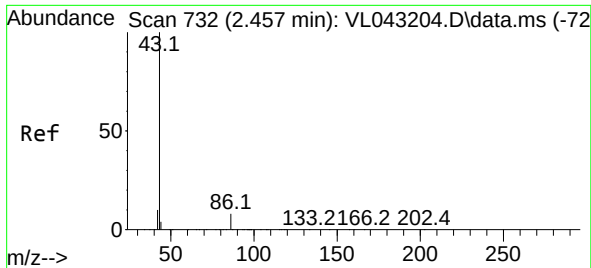
Reviewed By :Semsettin Yesilyurt 12/09/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#22
 trans-1,2-Dichloroethene
 Concen: 10.291 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. 0.003 min
 Lab File: VL043305.D
 Acq: 08 Dec 2025 08:44

Tgt Ion: 96 Resp: 75565
 Ion Ratio Lower Upper
 96 100
 61 163.0 139.0 208.6
 98 61.8 49.4 74.2





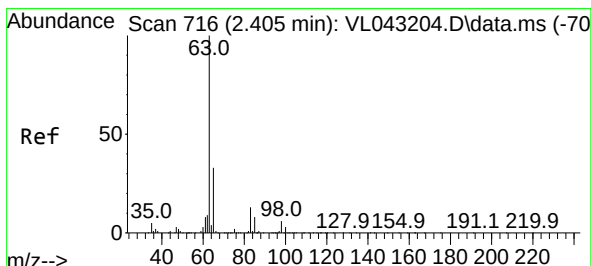
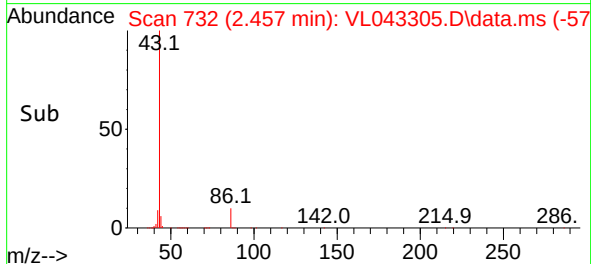
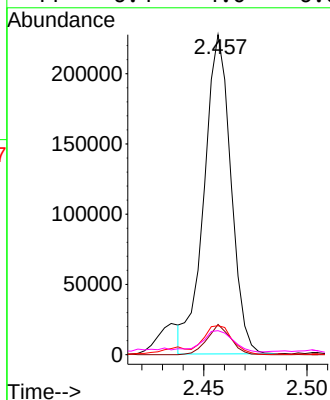
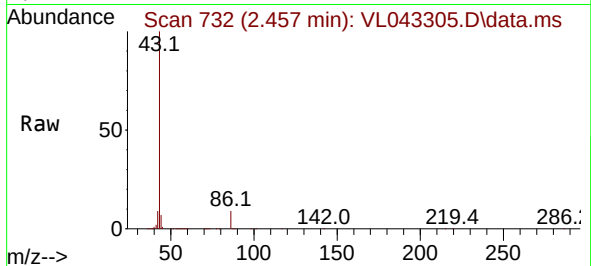
#23
 Vinyl Acetate
 Concen: 9.424 ppbv
 RT: 2.457 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VL043305.D
 Acq: 08 Dec 2025 08:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 20442
 Ion Ratio Lower Upper
 43 100
 86 9.5 6.2 9.2
 42 8.6 8.0 12.0
 44 6.4 4.0 6.0

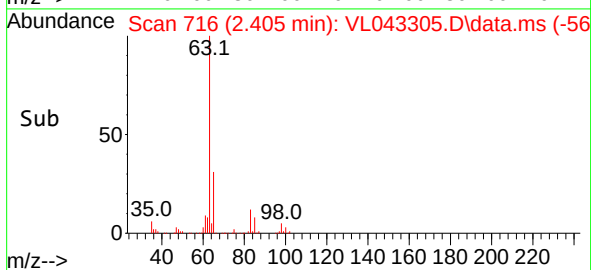
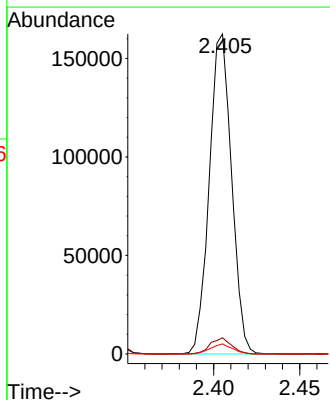
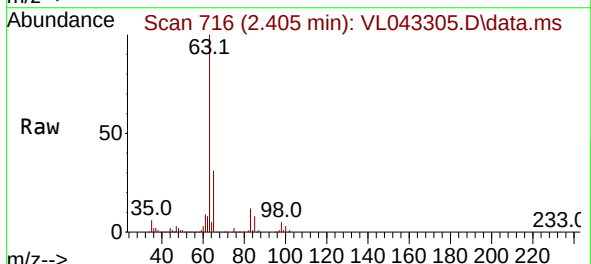
Manual Integrations
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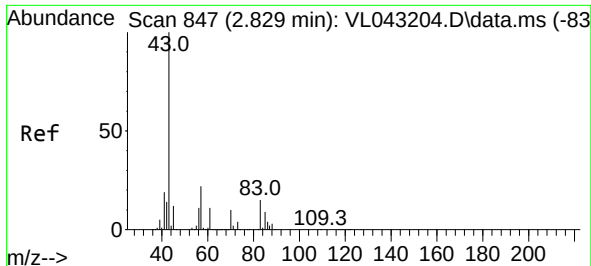
Reviewed By :Semsettin Yesilyurt 12/09/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#24
 1,1-Dichloroethane
 Concen: 10.334 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VL043305.D
 Acq: 08 Dec 2025 08:44

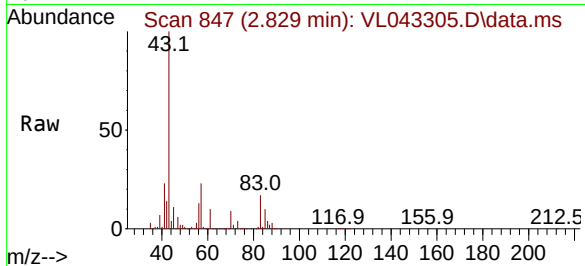
Tgt Ion: 63 Resp: 146480
 Ion Ratio Lower Upper
 63 100
 98 5.0 2.8 8.4
 100 3.2 1.3 3.9





#25
Ethyl Acetate
Concen: 9.630 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

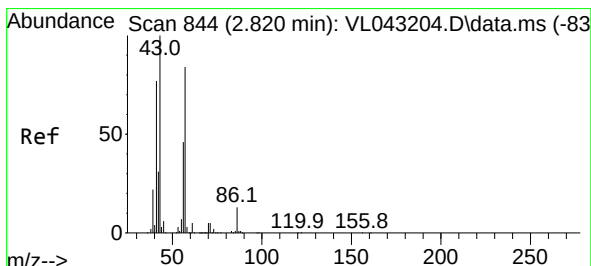
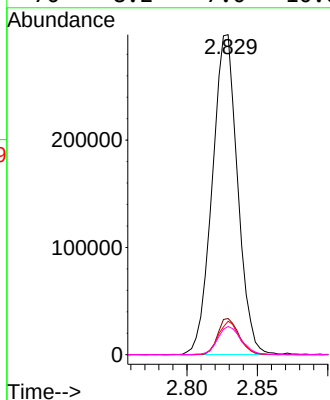
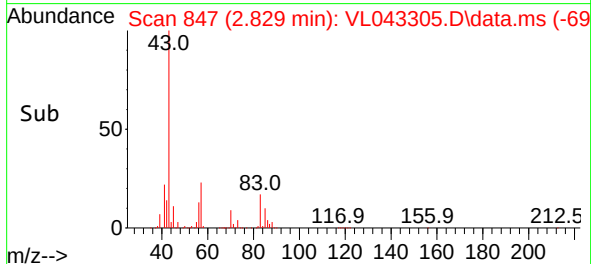
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



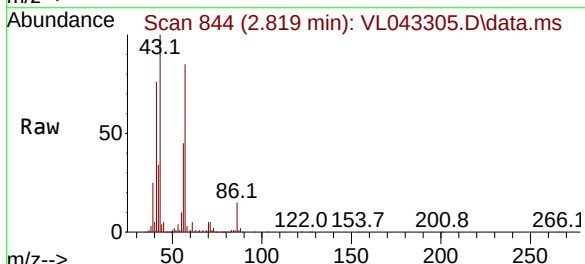
Tgt Ion: 43 Resp: 373210
Ion Ratio Lower Upper
43 100
45 9.5 8.1 12.1
61 8.8 7.0 10.4
70 8.2 7.0 10.6

Manual Integrations
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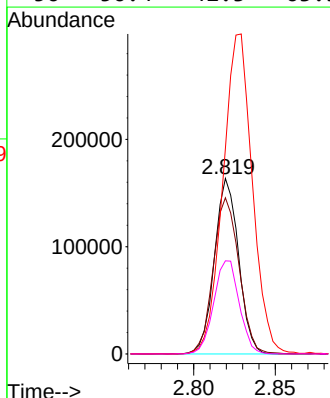
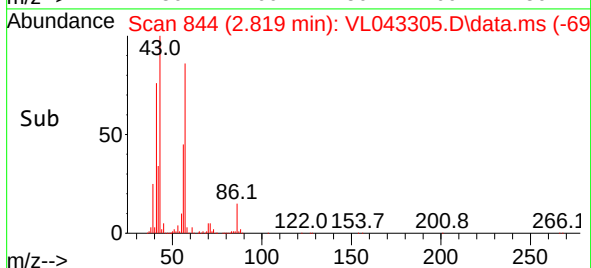
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

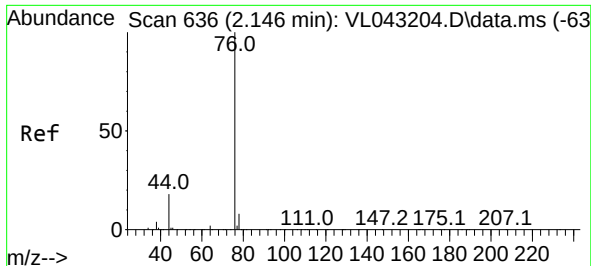


#26
Hexane
Concen: 9.897 ppbv
RT: 2.819 min Scan# 844
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44



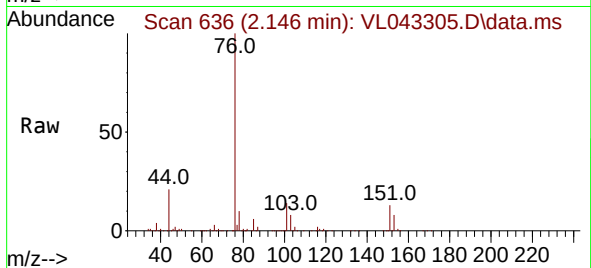
Tgt Ion: 57 Resp: 168150
Ion Ratio Lower Upper
57 100
41 95.7 74.6 111.8
43 222.8 179.0 268.4
56 56.4 42.3 63.5





#27
Carbon Disulfide
Concen: 10.878 ppbv
RT: 2.146 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

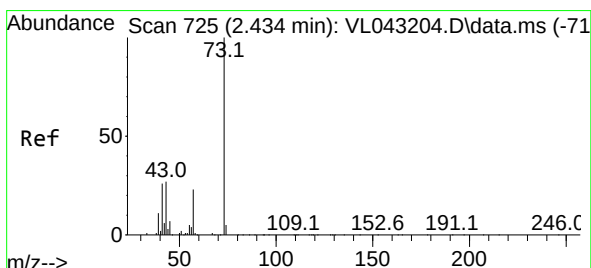
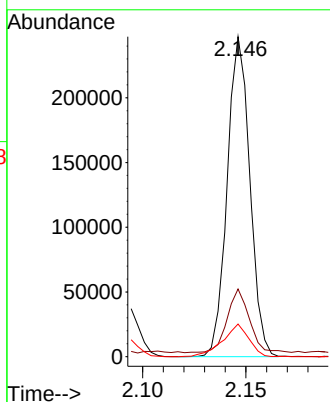
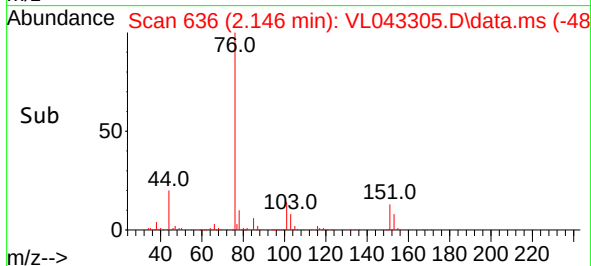
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



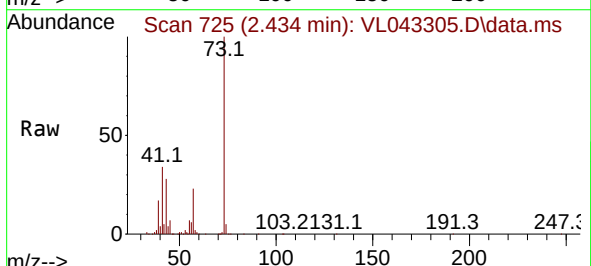
Tgt Ion: 76 Resp: 188702
Ion Ratio Lower Upper
76 100
44 20.4 16.1 24.1
78 11.8 9.6 14.4

Manual Integrations
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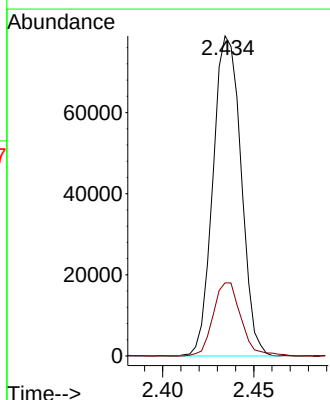
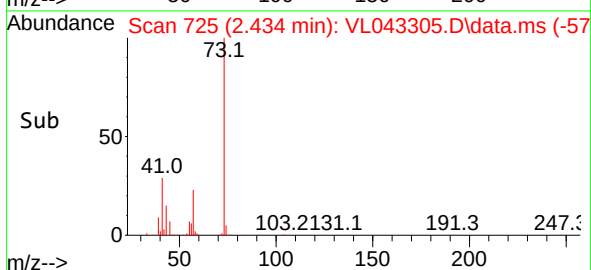
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

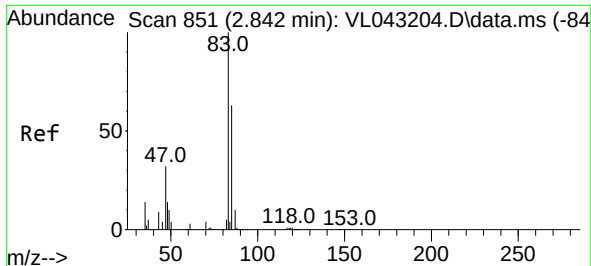


#28
Methyl tert-Butyl Ether
Concen: 10.142 ppbv
RT: 2.434 min Scan# 725
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44



Tgt Ion: 73 Resp: 84588
Ion Ratio Lower Upper
73 100
57 22.7 19.8 29.8





#29

Chloroform

Concen: 11.610 ppbv

RT: 2.842 min Scan# 851

Delta R.T. -0.000 min

Lab File: VL043305.D

Acq: 08 Dec 2025 08:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 280385

Ion Ratio Lower Upper

83 100

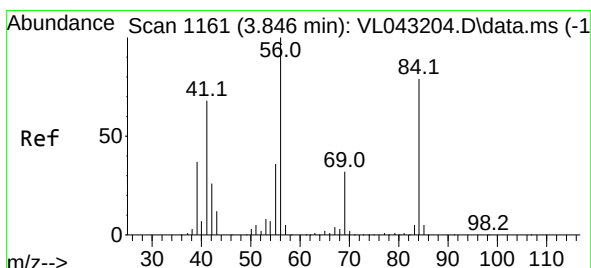
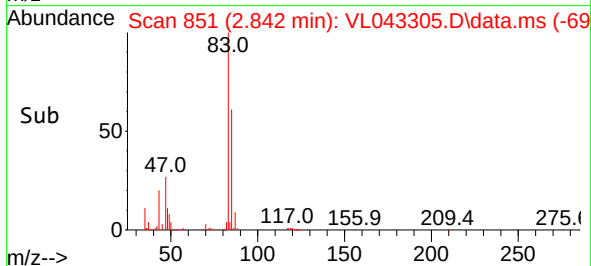
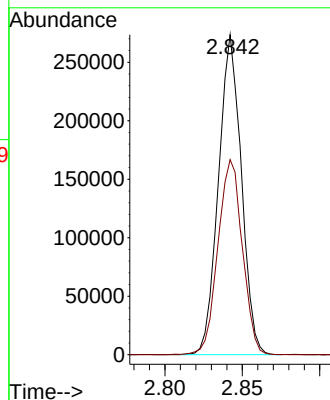
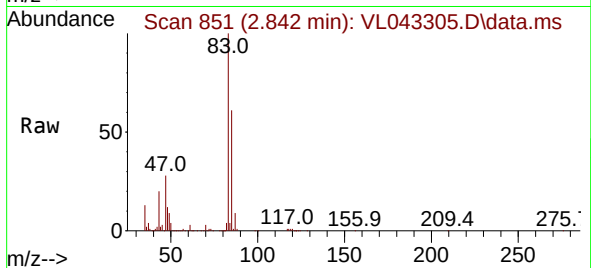
85 60.9 50.5 75.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/09/2025

Supervised By :Mahesh Dadoda 12/11/2025



#30

Cyclohexane

Concen: 9.731 ppbv

RT: 3.845 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VL043305.D

Acq: 08 Dec 2025 08:44

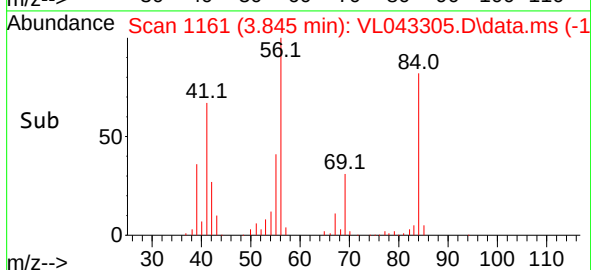
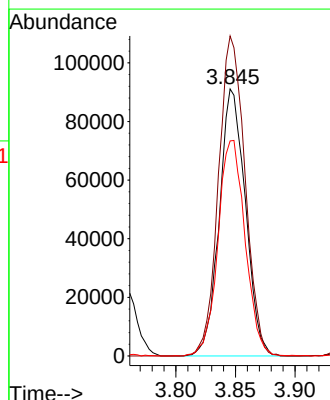
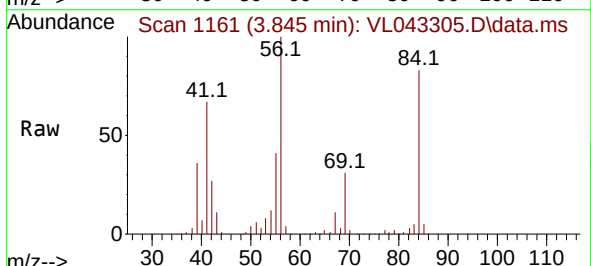
Tgt Ion: 84 Resp: 138616

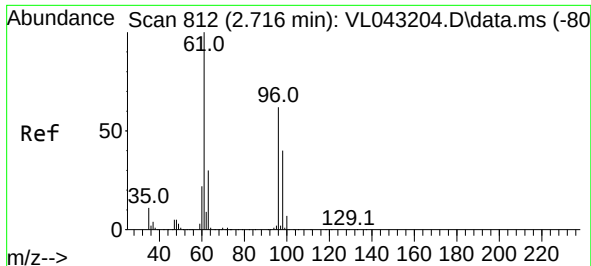
Ion Ratio Lower Upper

84 100

56 121.7 104.7 157.1

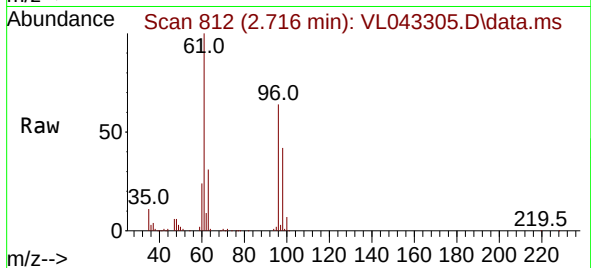
41 84.0 69.0 103.6





#31
 cis-1,2-Dichloroethene
 Concen: 9.853 ppbv
 RT: 2.716 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: VL043305.D
 Acq: 08 Dec 2025 08:44

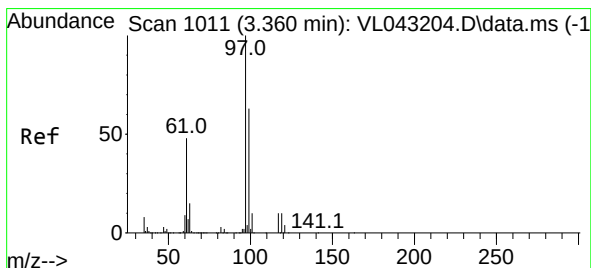
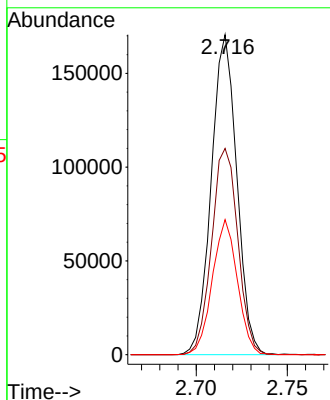
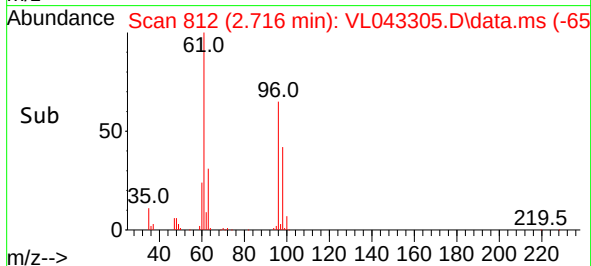
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



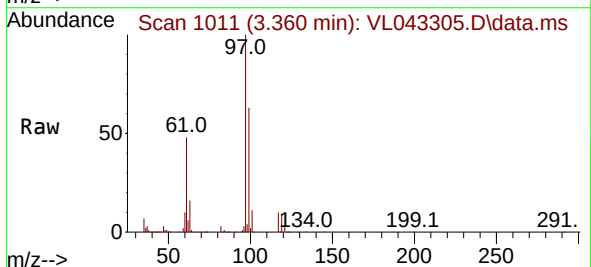
Tgt Ion: 61 Resp: 16639
 Ion Ratio Lower Upper
 61 100
 96 64.4 49.3 73.9
 98 42.2 32.1 48.1

Manual Integrations
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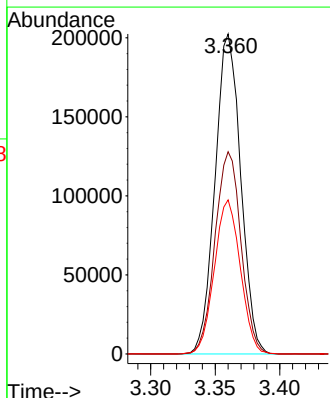
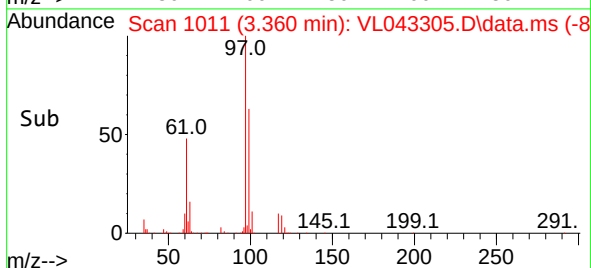
Reviewed By :Semsettin Yesilyurt 12/09/2025
 Supervised By :Mahesh Dadoda 12/11/2025

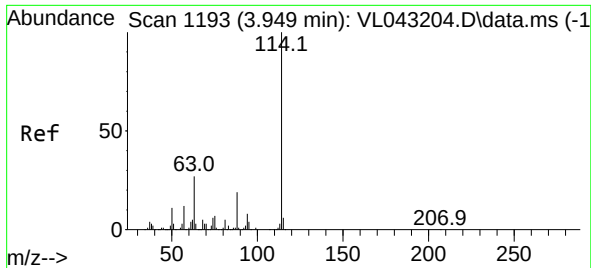


#32
 1,1,1-Trichloroethane
 Concen: 10.886 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. -0.000 min
 Lab File: VL043305.D
 Acq: 08 Dec 2025 08:44



Tgt Ion: 97 Resp: 280239
 Ion Ratio Lower Upper
 97 100
 99 64.0 50.3 75.5
 61 48.7 38.9 58.3





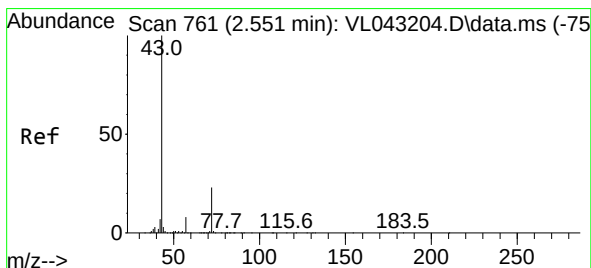
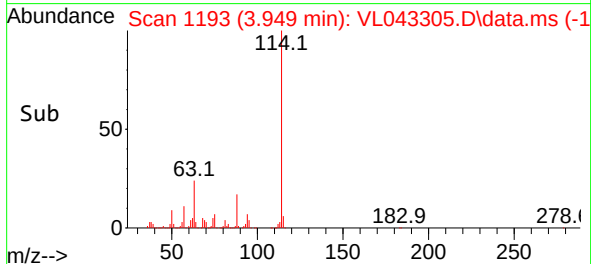
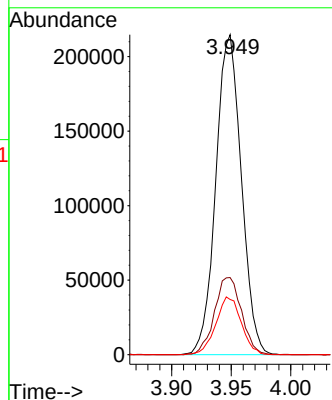
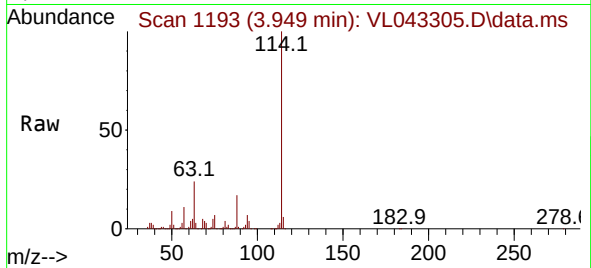
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 31980
Ion Ratio Lower Upper
114 100
63 25.6 21.0 31.6
88 18.0 14.9 22.3

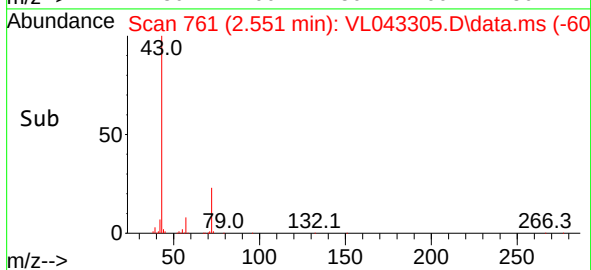
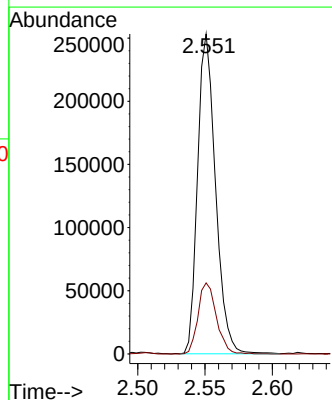
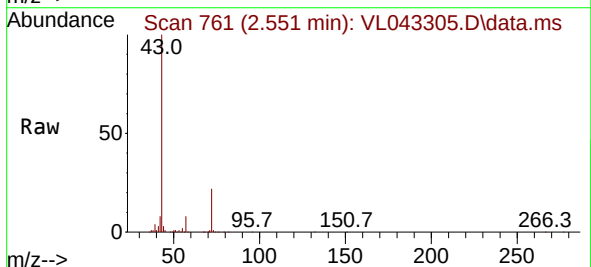
Manual Integrations
APPROVED

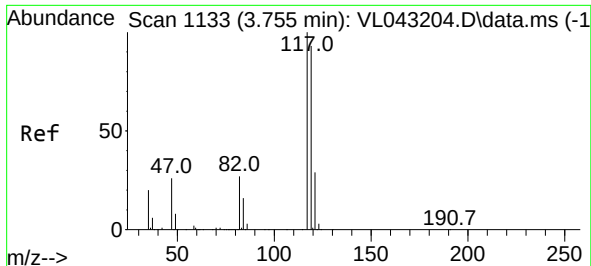
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#34
2-Butanone
Concen: 10.392 ppbv
RT: 2.551 min Scan# 761
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

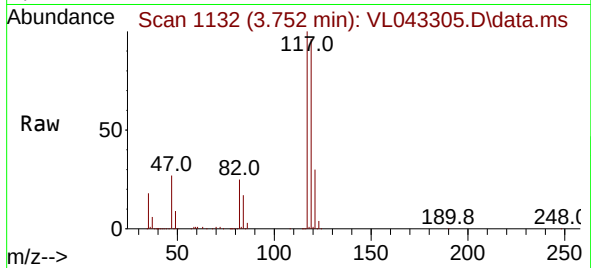
Tgt Ion: 43 Resp: 234600
Ion Ratio Lower Upper
43 100
72 22.7 18.1 27.1





#35
Carbon Tetrachloride
Concen: 12.149 ppbv
RT: 3.752 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

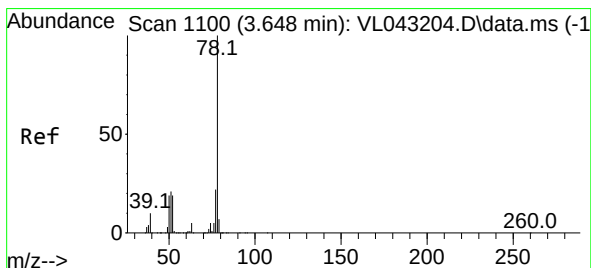
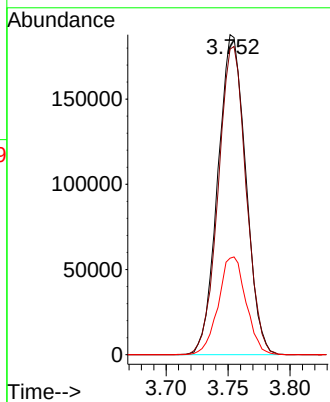
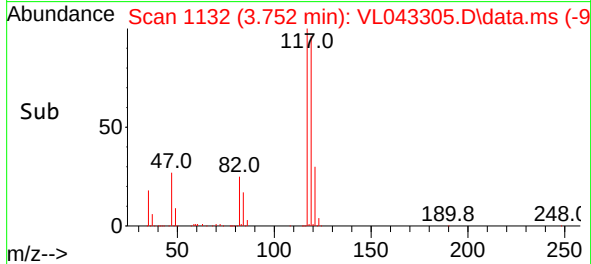
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



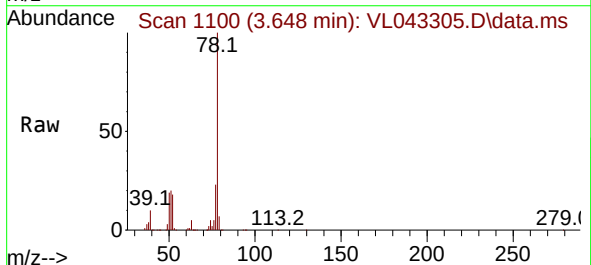
Tgt Ion:117 Resp: 294900
Ion Ratio Lower Upper
117 100
119 95.5 74.6 112.0
121 30.1 23.2 34.8

Manual Integrations
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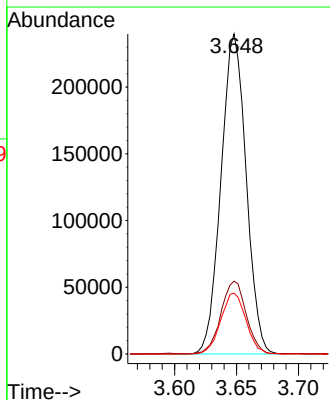
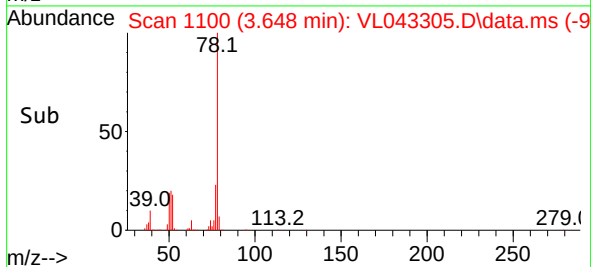
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

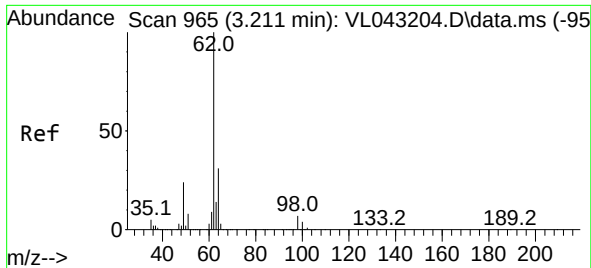


#36
Benzene
Concen: 11.074 ppbv
RT: 3.648 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44



Tgt Ion: 78 Resp: 339149
Ion Ratio Lower Upper
78 100
77 22.7 17.5 26.3
50 19.0 15.5 23.3





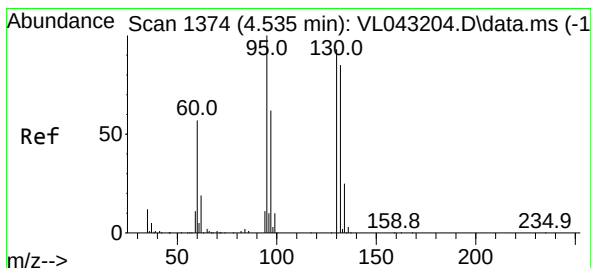
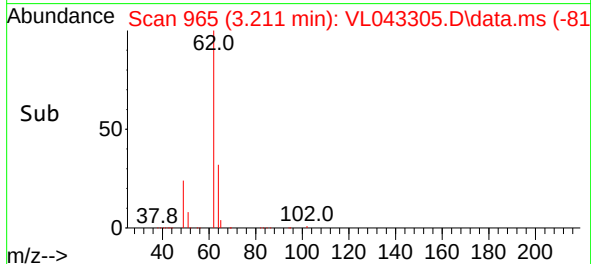
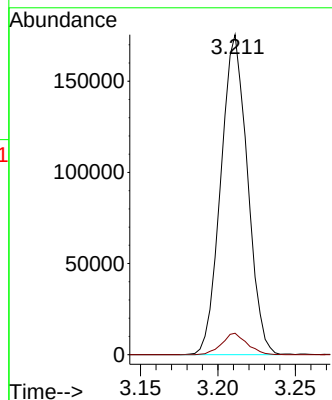
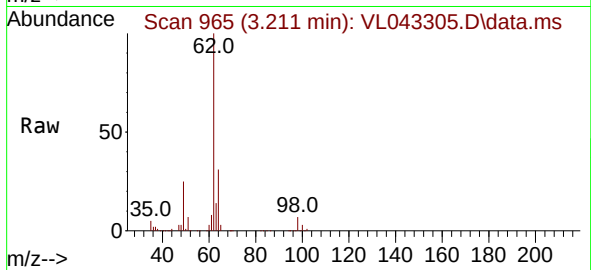
#37
1,2-Dichloroethane
Concen: 11.721 ppbv
RT: 3.211 min Scan# 965
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 20997
Ion Ratio Lower Upper
62 100
98 6.3 5.5 8.3

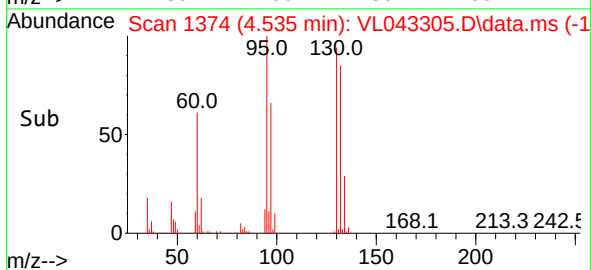
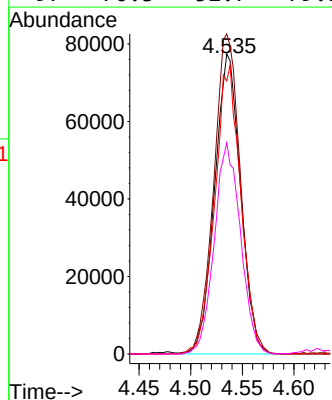
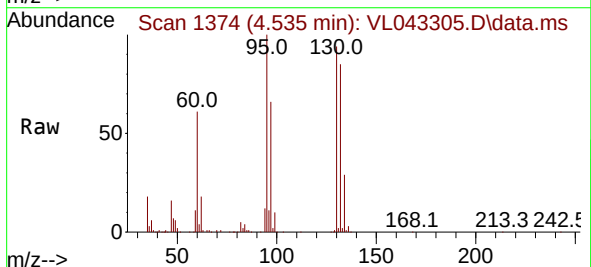
Manual Integrations
APPROVED

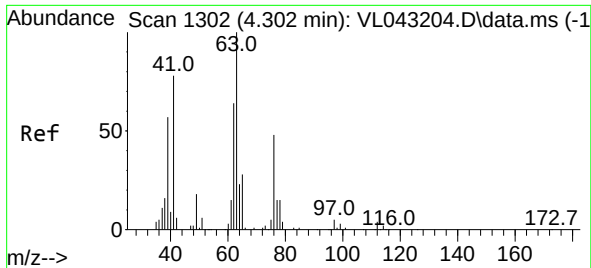
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#38
Trichloroethene
Concen: 11.309 ppbv
RT: 4.535 min Scan# 1374
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Tgt Ion:130 Resp: 135509
Ion Ratio Lower Upper
130 100
95 106.7 85.7 128.5
132 90.9 73.4 110.0
97 70.3 52.7 79.1





#39

1,2-Dichloropropane

Concen: 10.827 ppbv

RT: 4.302 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VL043305.D

Acq: 08 Dec 2025 08:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 121360

Ion Ratio Lower Upper

63 100

41 91.0 62.6 93.8

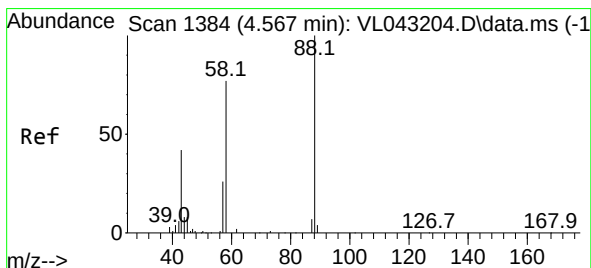
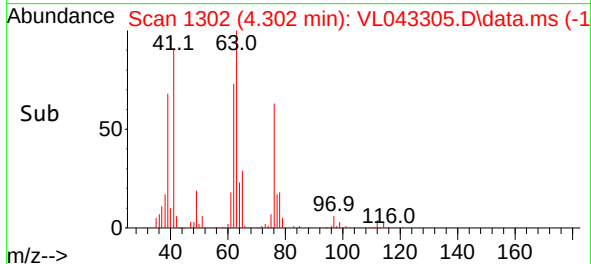
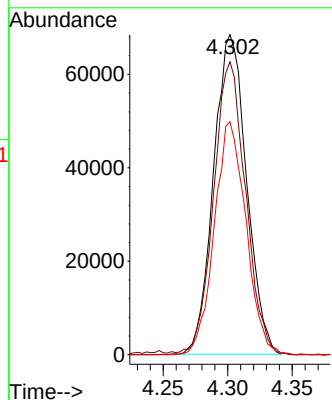
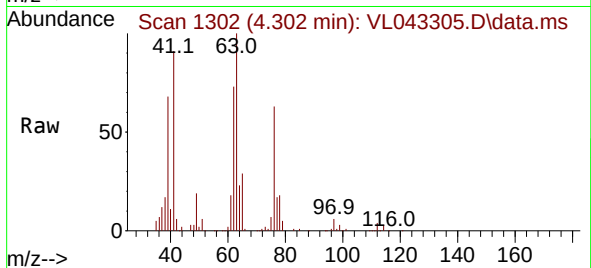
62 72.5 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025

Supervised By :Mahesh Dadoda 12/11/2025



#40

1,4-Dioxane

Concen: 8.836 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. -0.003 min

Lab File: VL043305.D

Acq: 08 Dec 2025 08:44

Tgt Ion: 88 Resp: 44522

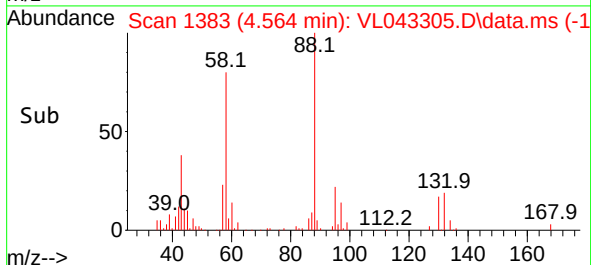
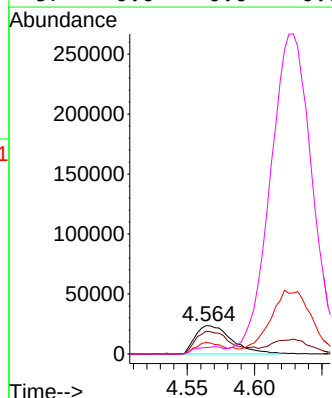
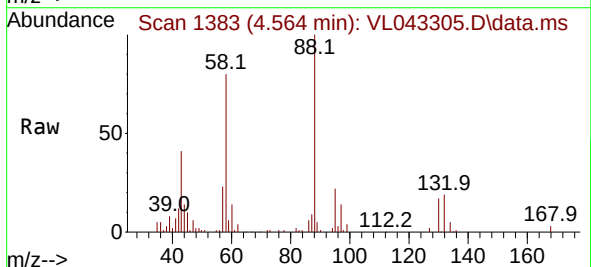
Ion Ratio Lower Upper

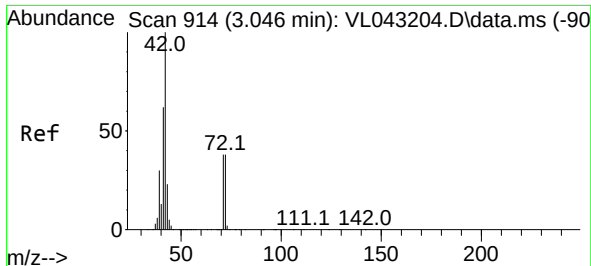
88 100

58 80.4 63.0 94.6

43 38.4 32.5 48.7

57 0.0 0.0 0.0





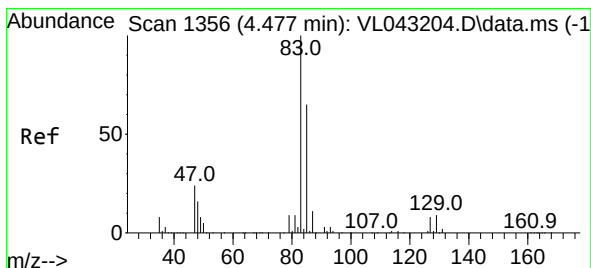
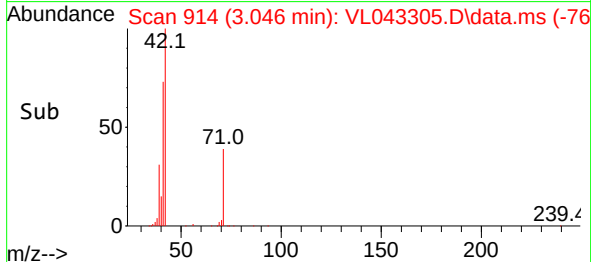
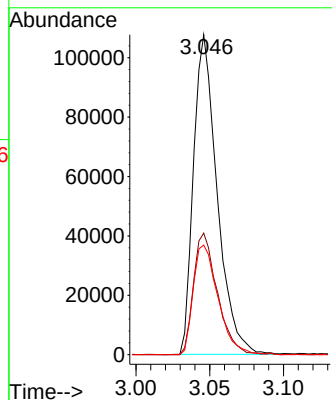
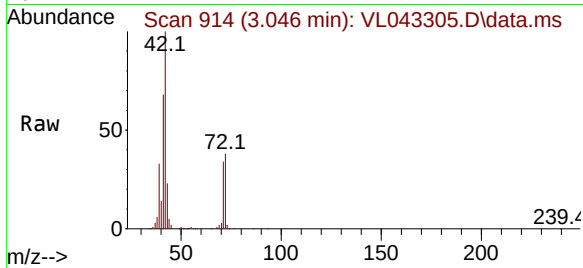
#41
Tetrahydrofuran
Concen: 9.628 ppbv
RT: 3.046 min Scan# 914
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 120028
Ion Ratio Lower Upper
42 100
72 38.4 30.6 46.0
71 36.1 30.5 45.7

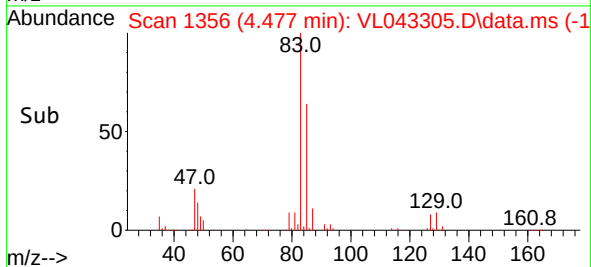
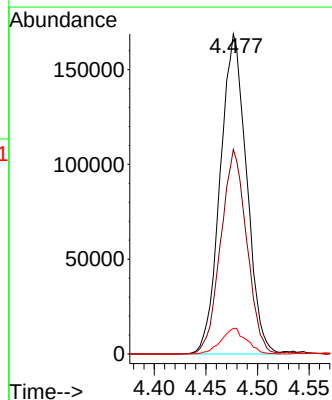
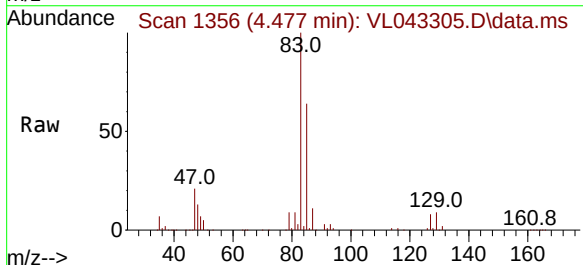
Manual Integrations
APPROVED

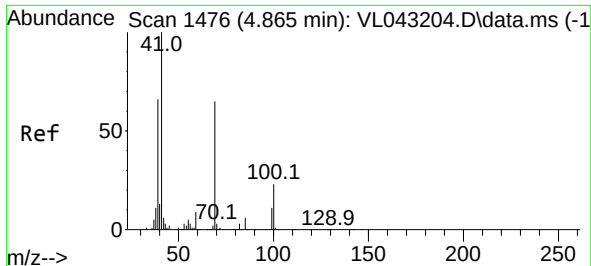
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#42
Bromodichloromethane
Concen: 12.136 ppbv
RT: 4.477 min Scan# 1356
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

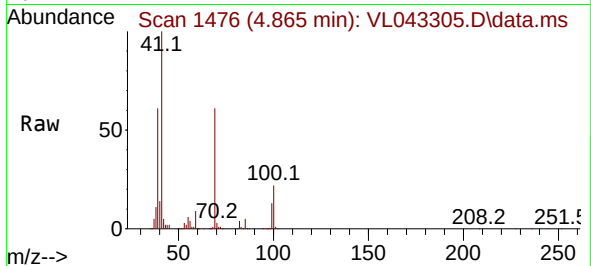
Tgt Ion: 83 Resp: 299904
Ion Ratio Lower Upper
83 100
85 63.9 51.7 77.5
127 8.0 6.3 9.5





#43
Methyl Methacrylate
Concen: 9.361 ppbv
RT: 4.865 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

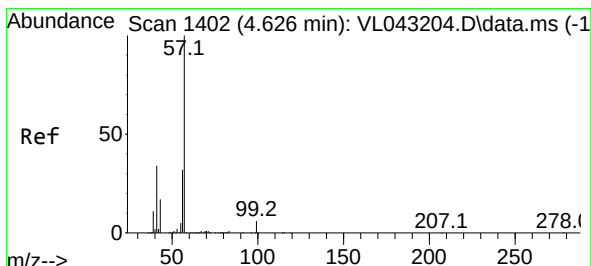
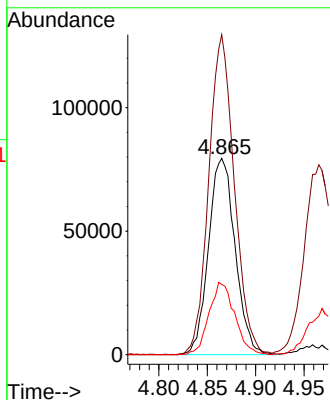
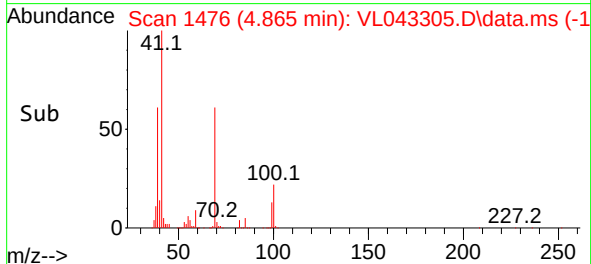
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



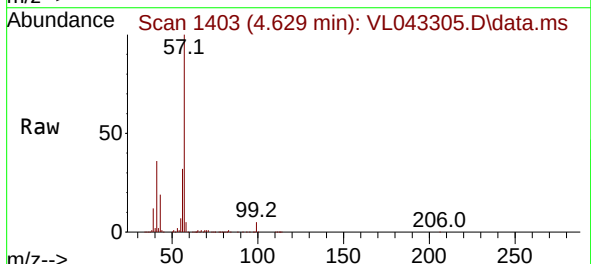
Tgt Ion: 69 Resp: 152174
Ion Ratio Lower Upper
69 100
41 155.9 126.7 190.1
100 35.6 28.6 43.0

Manual Integrations
APPROVED

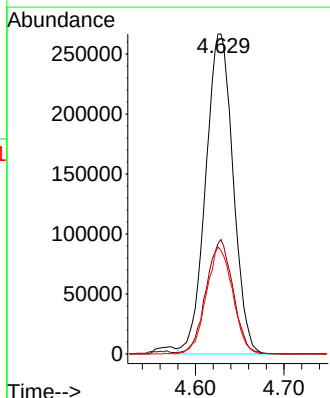
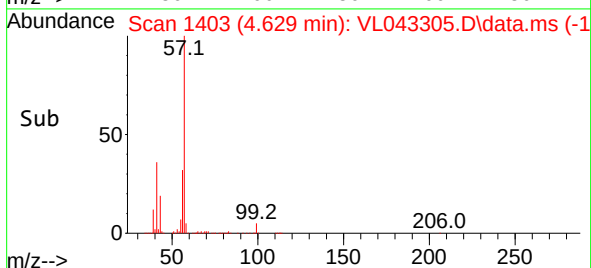
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

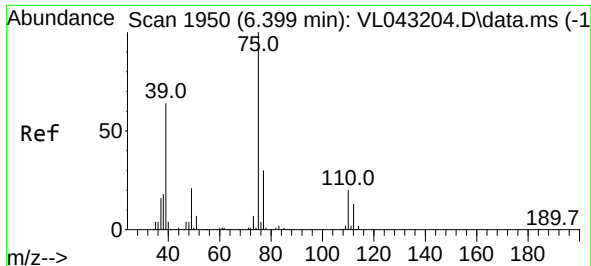


#44
2,2,4-Trimethylpentane
Concen: 10.909 ppbv
RT: 4.629 min Scan# 1403
Delta R.T. 0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44



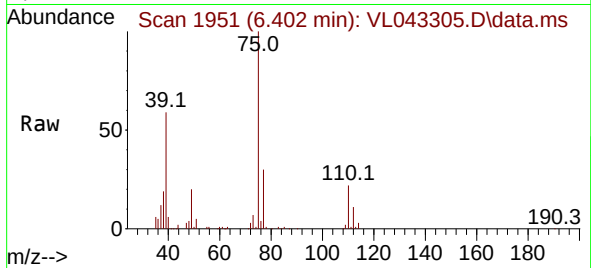
Tgt Ion: 57 Resp: 573790
Ion Ratio Lower Upper
57 100
41 36.1 28.0 42.0
56 32.4 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 7.729 ppbv
RT: 6.402 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

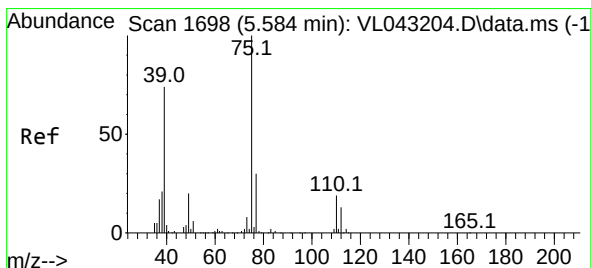
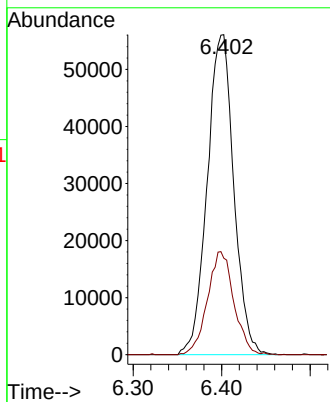
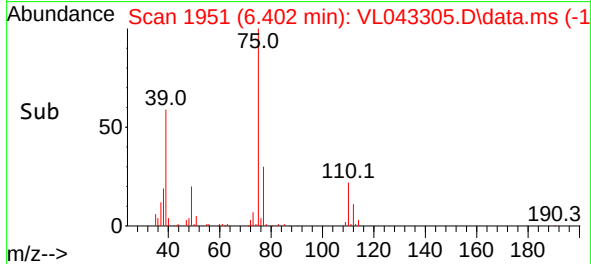
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 117128
Ion Ratio Lower Upper
75 100
77 30.1 24.3 36.5

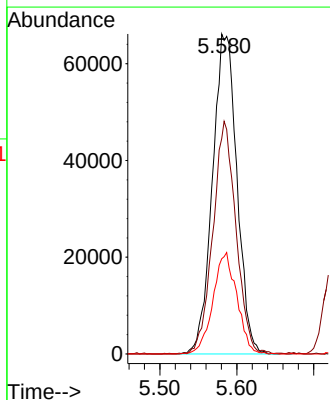
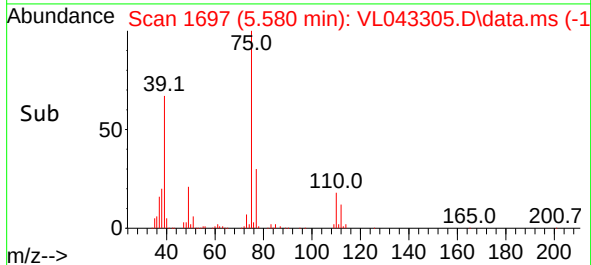
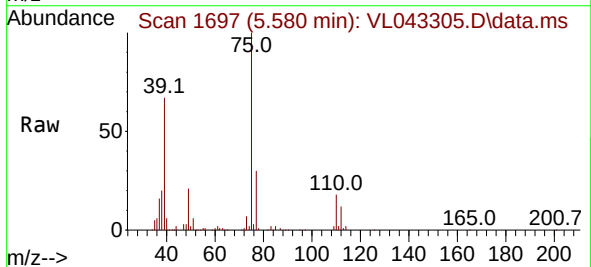
Manual Integrations
APPROVED

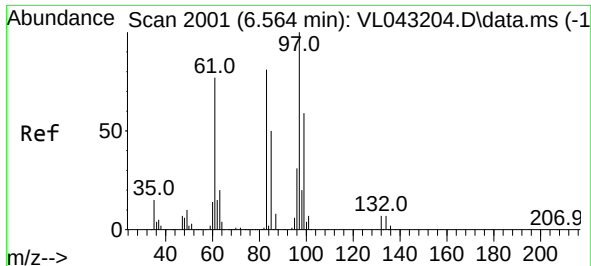
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#46
cis-1,3-Dichloropropene
Concen: 8.219 ppbv m
RT: 5.580 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Tgt Ion: 75 Resp: 146255
Ion Ratio Lower Upper
75 100
39 67.3 59.1 88.7
77 29.8 24.2 36.2





#47

1,1,2-Trichloroethane

Concen: 11.381 ppbv

RT: 6.564 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VL043305.D

Acq: 08 Dec 2025 08:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 13538

Ion Ratio Lower Upper

97 100

83 84.4 64.6 97.0

85 52.5 39.4 59.2

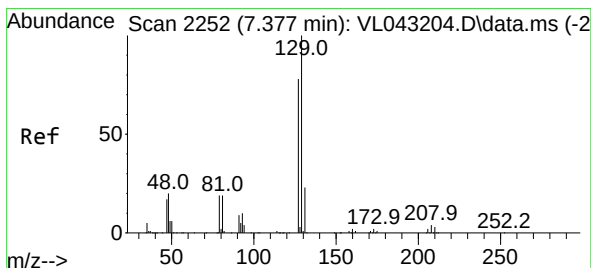
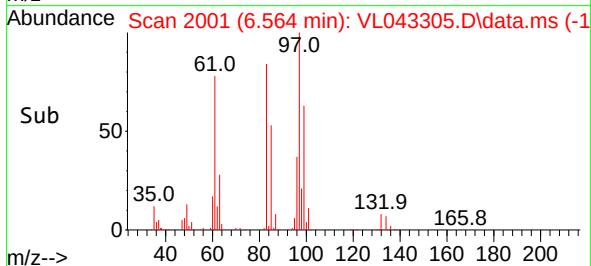
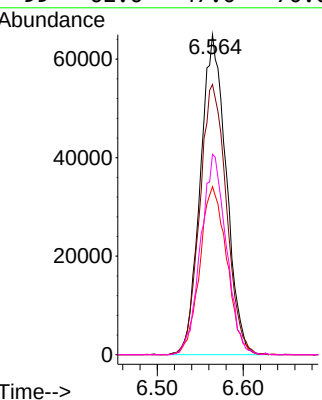
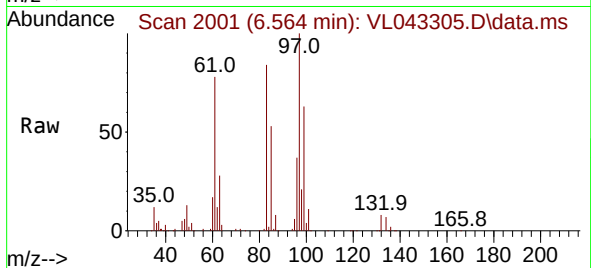
99 62.6 47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025

Supervised By :Mahesh Dadoda 12/11/2025



#48

Dibromochloromethane

Concen: 11.753 ppbv

RT: 7.370 min Scan# 2250

Delta R.T. -0.007 min

Lab File: VL043305.D

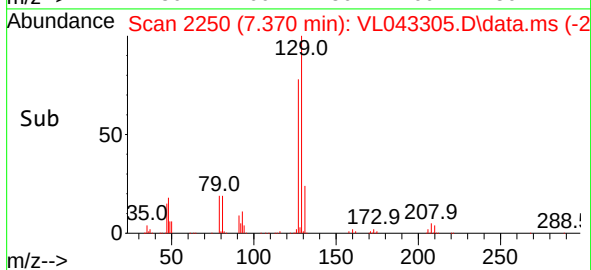
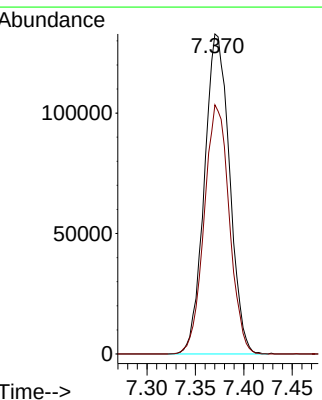
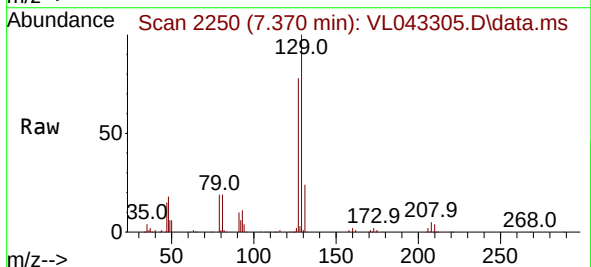
Acq: 08 Dec 2025 08:44

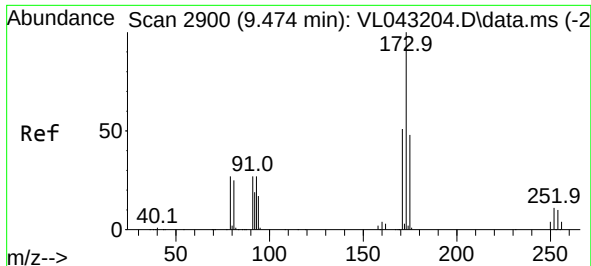
Tgt Ion:129 Resp: 240386

Ion Ratio Lower Upper

129 100

127 77.6 39.3 117.9





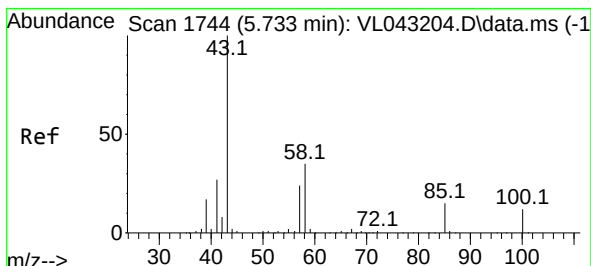
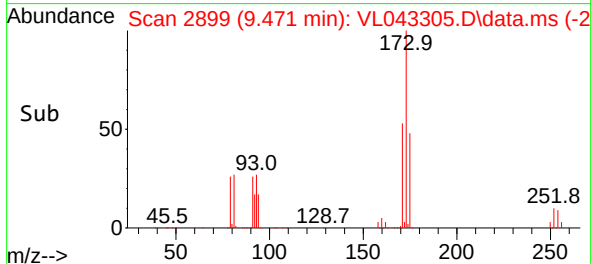
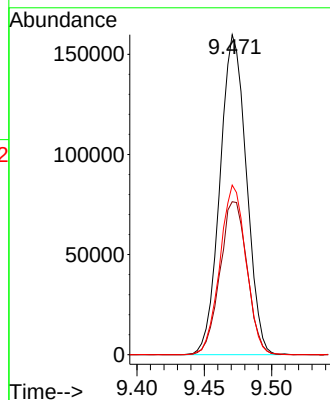
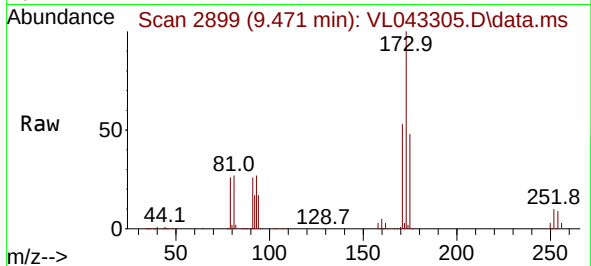
#49
Bromoform
Concen: 12.018 ppbv
RT: 9.471 min Scan# 217719
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 217719
Ion Ratio Lower Upper
173 100
175 49.1 38.6 58.0
171 52.5 40.6 61.0

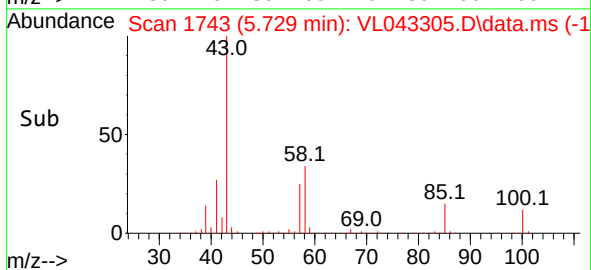
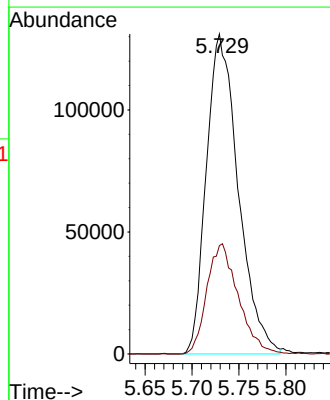
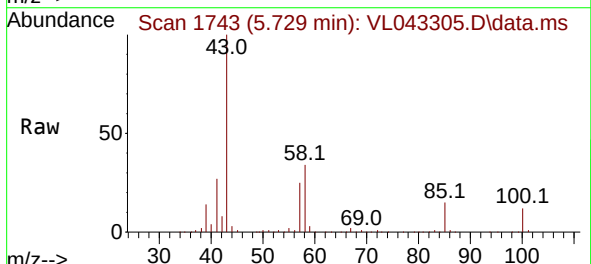
Manual Integrations
APPROVED

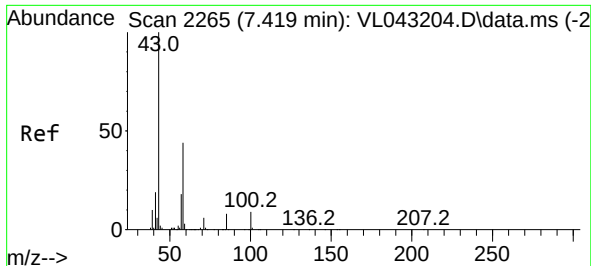
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#50
4-Methyl-2-Pentanone
Concen: 9.749 ppbv
RT: 5.729 min Scan# 1743
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

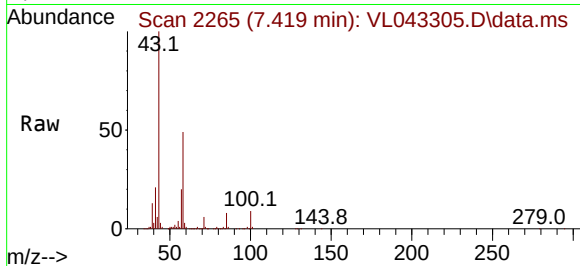
Tgt Ion: 43 Resp: 310023
Ion Ratio Lower Upper
43 100
58 34.0 28.4 42.6





#51
2-Hexanone
Concen: 8.905 ppbv
RT: 7.419 min Scan# 21990
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

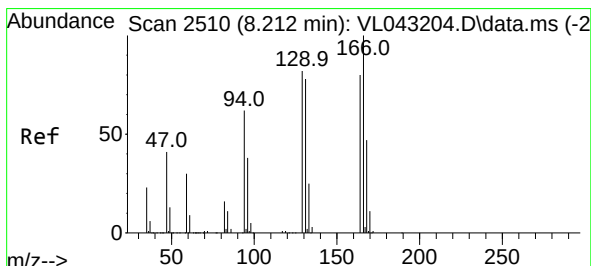
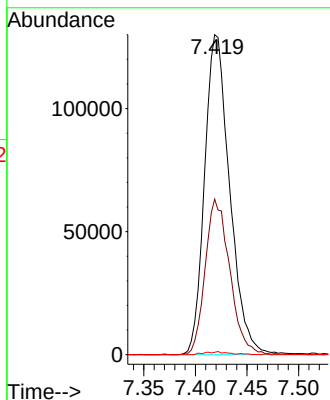
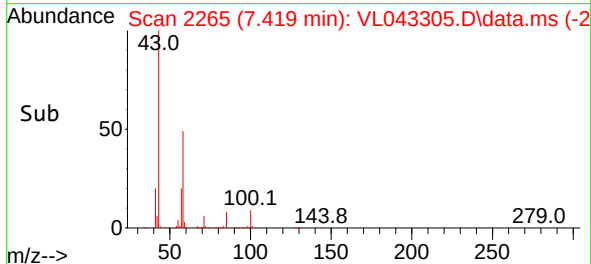
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 21990
Ion Ratio Lower Upper
43 100
58 47.6 38.4 57.6
98 1.0 0.0 0.0

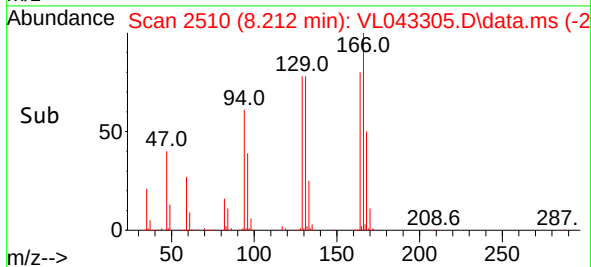
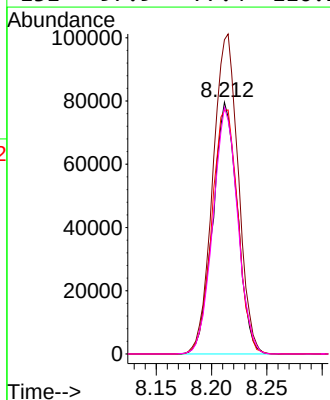
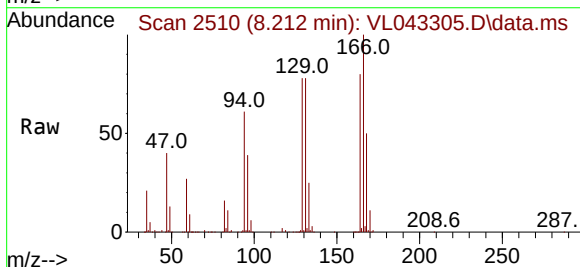
Manual Integrations
APPROVED

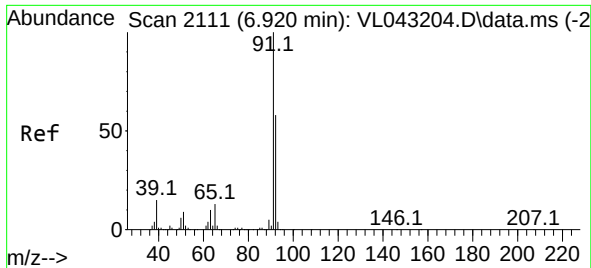
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#52
Tetrachloroethene
Concen: 10.813 ppbv
RT: 8.212 min Scan# 2510
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

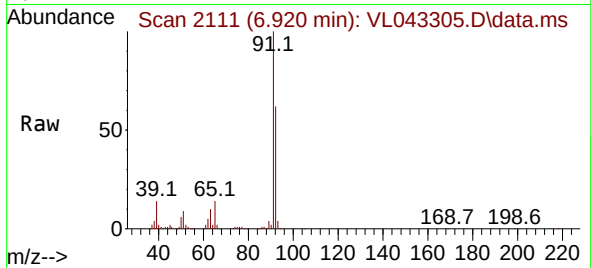
Tgt Ion:164 Resp: 123188
Ion Ratio Lower Upper
164 100
166 124.8 99.4 149.2
129 96.7 81.8 122.8
131 97.9 77.4 116.2





#53
Toluene
Concen: 10.165 ppbv
RT: 6.920 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

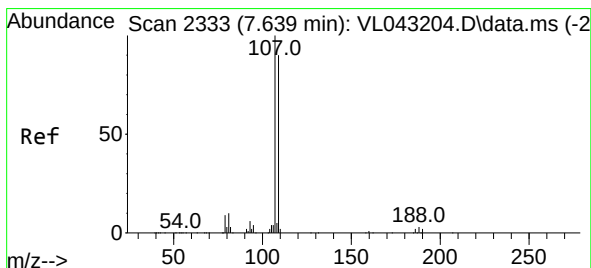
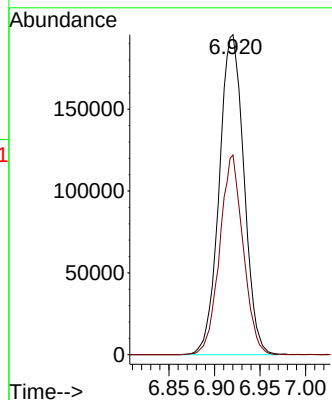
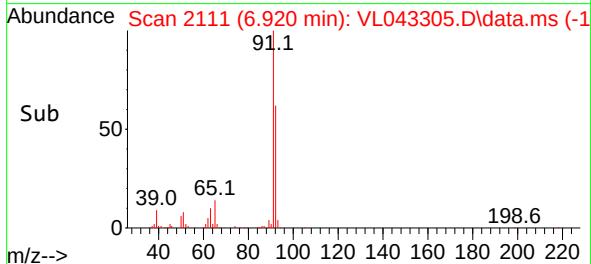
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



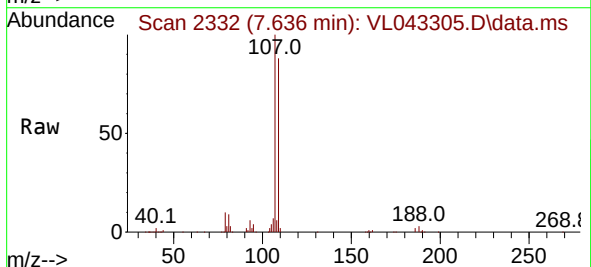
Tgt Ion: 91 Resp: 368638
Ion Ratio Lower Upper
91 100
92 59.4 47.4 71.0

Manual Integrations
APPROVED

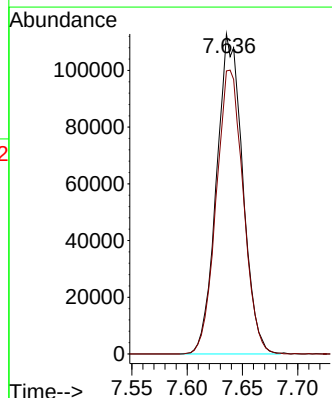
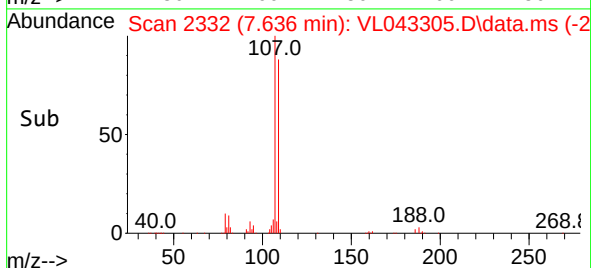
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

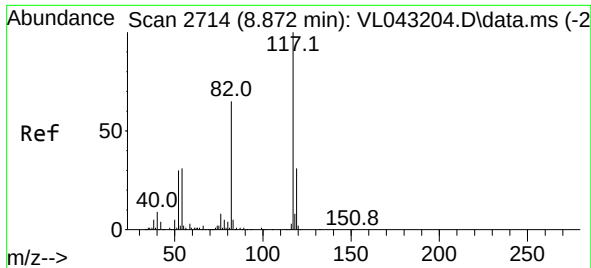


#54
1,2-Dibromoethane
Concen: 10.583 ppbv
RT: 7.636 min Scan# 2332
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44



Tgt Ion:107 Resp: 185272
Ion Ratio Lower Upper
107 100
109 88.4 72.1 108.1





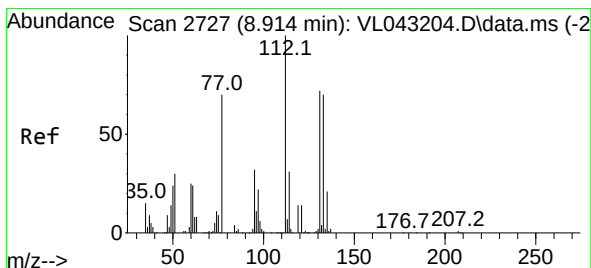
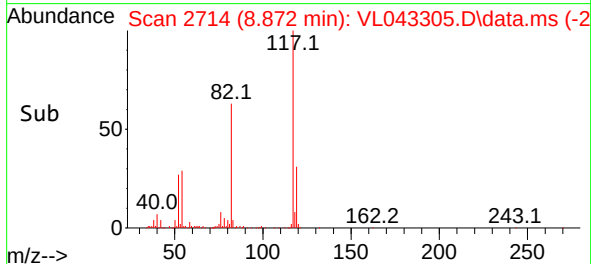
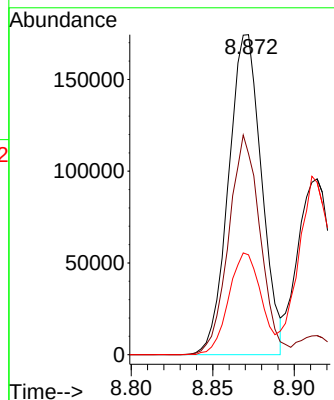
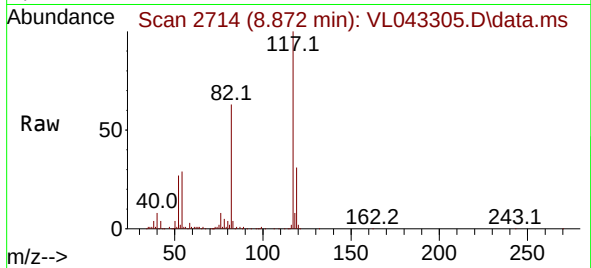
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 2714
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 24610
Ion Ratio Lower Upper
117 100
82 71.1 56.1 84.1
119 30.4 25.0 37.6

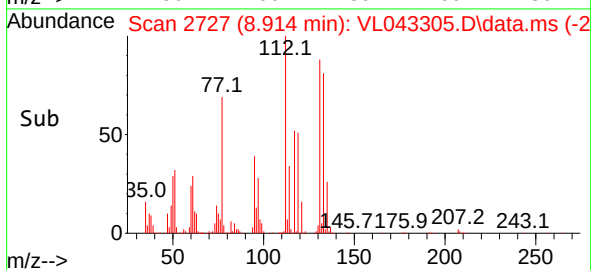
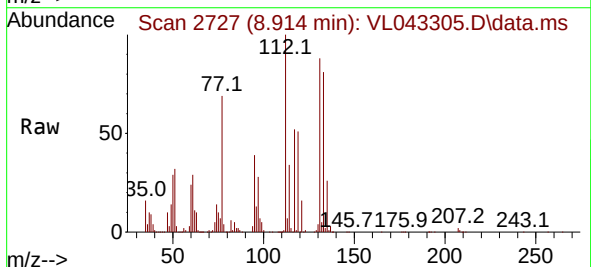
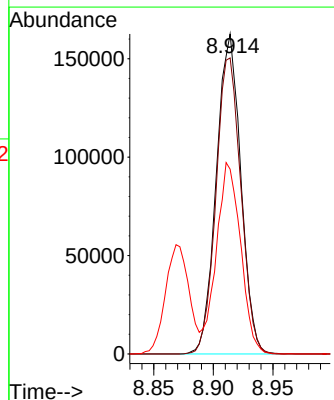
Manual Integrations
APPROVED

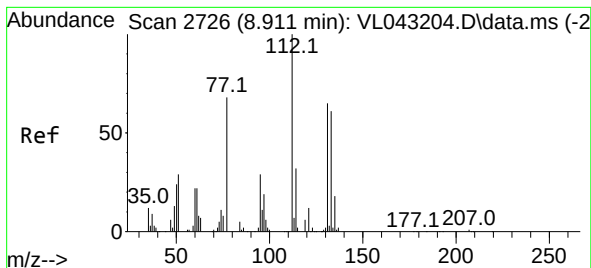
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 12.819 ppbv
RT: 8.914 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Tgt Ion:131 Resp: 231860
Ion Ratio Lower Upper
131 100
133 94.4 77.4 116.2
119 58.4 49.1 73.7





#57

Chlorobenzene

Concen: 11.943 ppbv

RT: 8.911 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL043305.D

Acq: 08 Dec 2025 08:44

Instrument :

MSVOA_L

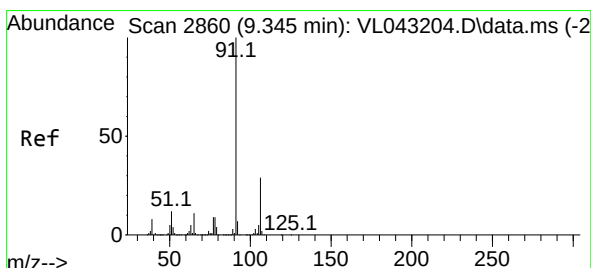
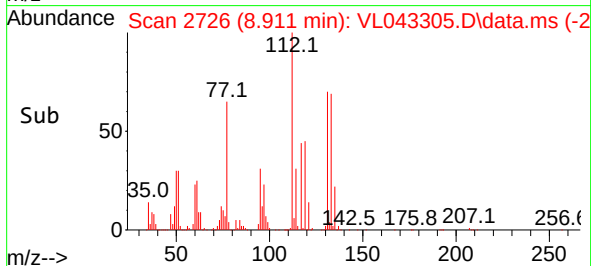
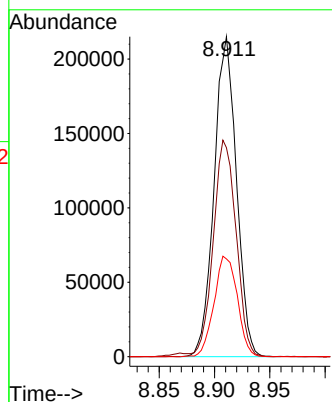
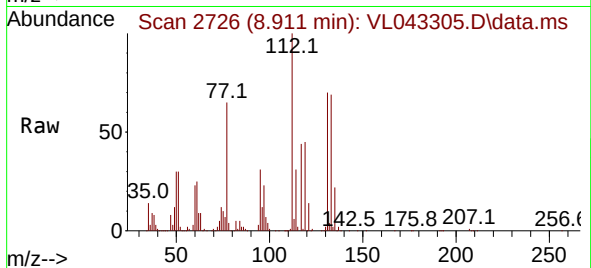
ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 30176
 Ion Ratio Lower Upper
 112 100
 77 65.2 55.5 83.3
 114 30.6 29.1 35.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#58

Ethyl Benzene

Concen: 11.146 ppbv

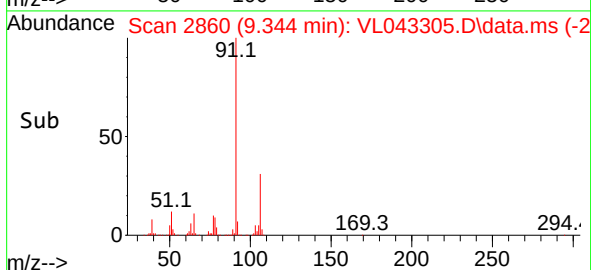
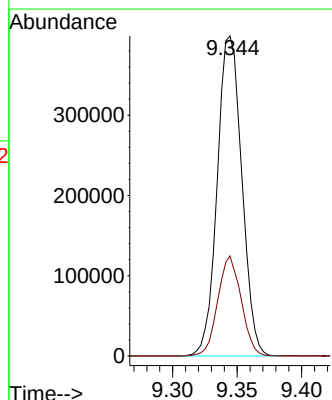
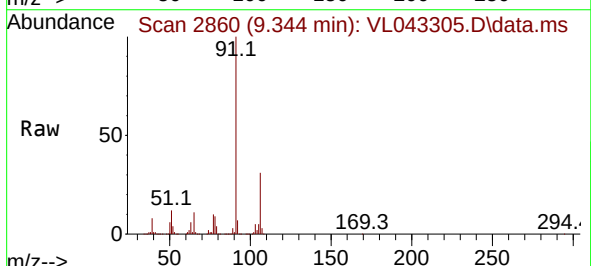
RT: 9.344 min Scan# 2860

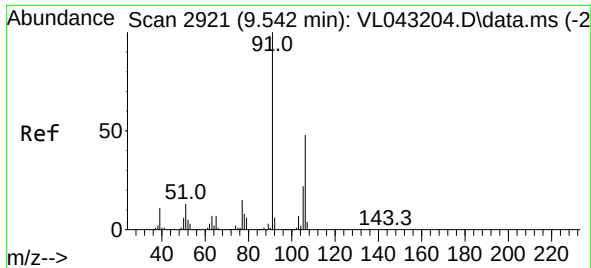
Delta R.T. -0.000 min

Lab File: VL043305.D

Acq: 08 Dec 2025 08:44

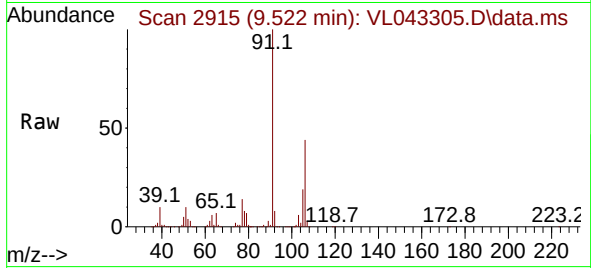
Tgt Ion: 91 Resp: 527984
 Ion Ratio Lower Upper
 91 100
 106 31.2 22.8 34.2





#59
m/p-Xylene
Concen: 23.631 ppbv m
RT: 9.522 min Scan# 2915
Delta R.T. -0.020 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

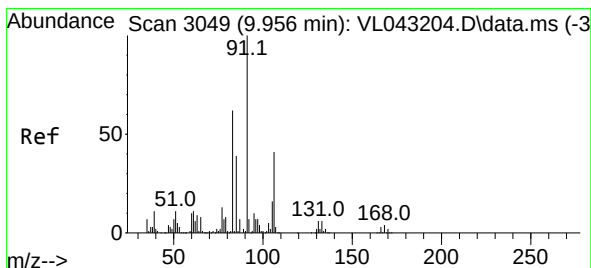
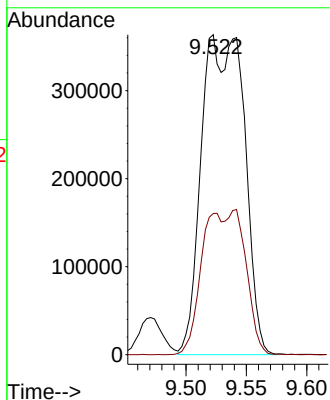
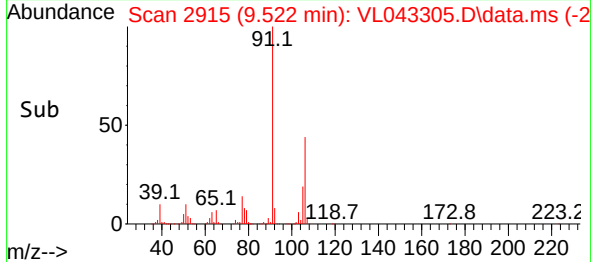
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 897418
Ion Ratio Lower Upper
91 100
106 45.6 36.1 54.1

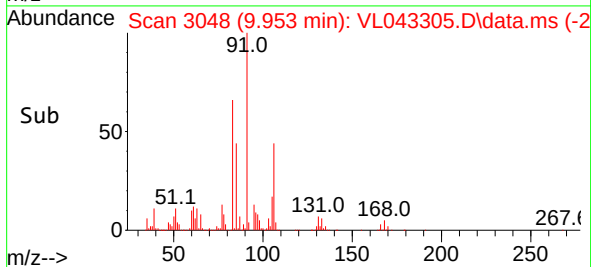
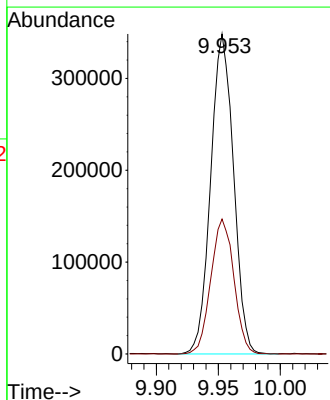
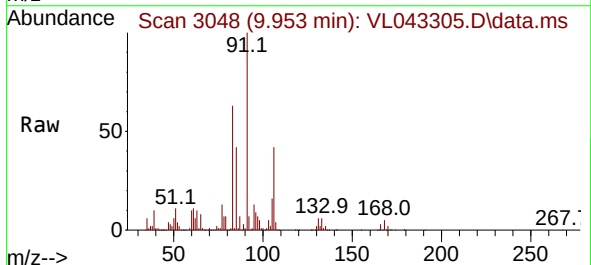
Manual Integrations
APPROVED

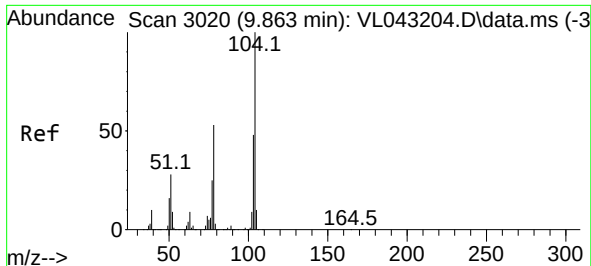
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#60
o-Xylene
Concen: 11.799 ppbv
RT: 9.953 min Scan# 3048
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

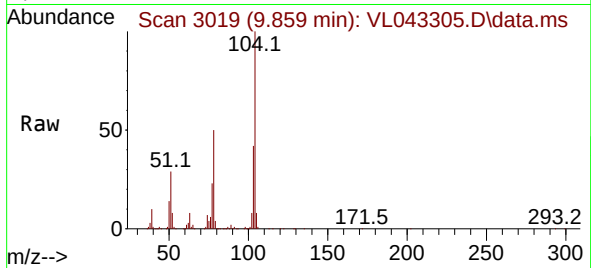
Tgt Ion: 91 Resp: 447628
Ion Ratio Lower Upper
91 100
106 42.5 20.9 62.8





#61
Styrene
Concen: 10.061 ppbv
RT: 9.859 min Scan# 3020
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

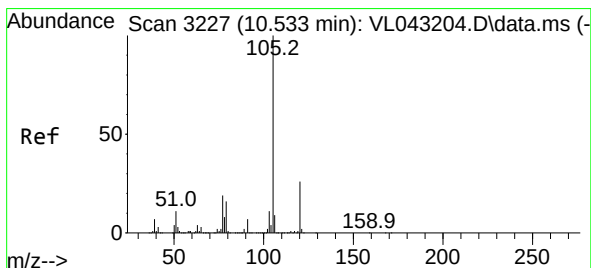
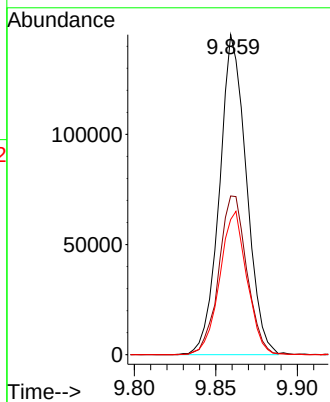
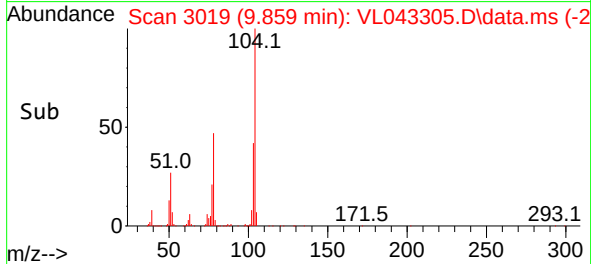
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:104 Resp: 16704
Ion Ratio Lower Upper
104 100
78 51.8 42.1 63.1
103 45.3 37.2 55.8

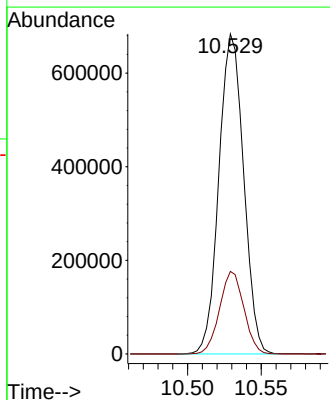
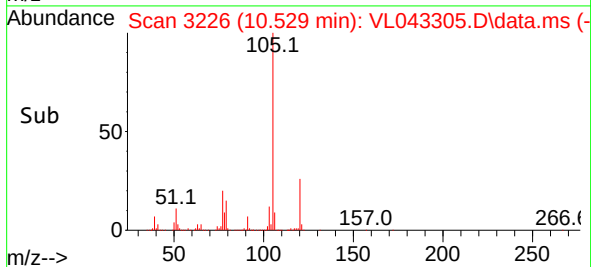
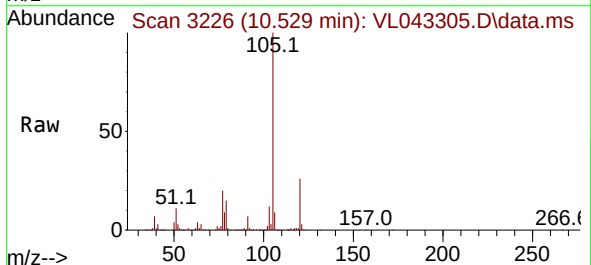
Manual Integrations
APPROVED

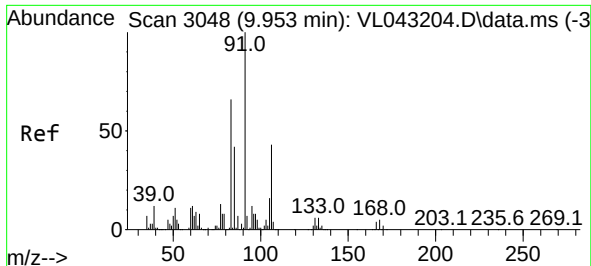
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#62
Isopropylbenzene
Concen: 11.744 ppbv
RT: 10.529 min Scan# 3226
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

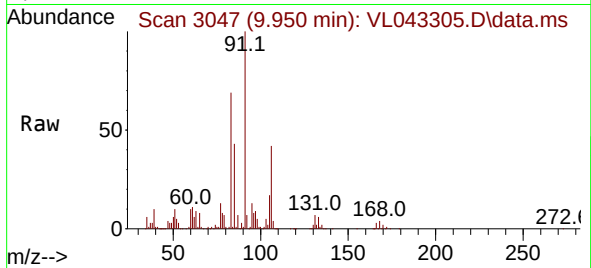
Tgt Ion:105 Resp: 797107
Ion Ratio Lower Upper
105 100
120 25.3 19.8 29.8





#63
1,1,2,2-Tetrachloroethane
Concen: 12.020 ppbv
RT: 9.950 min Scan# 3048
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

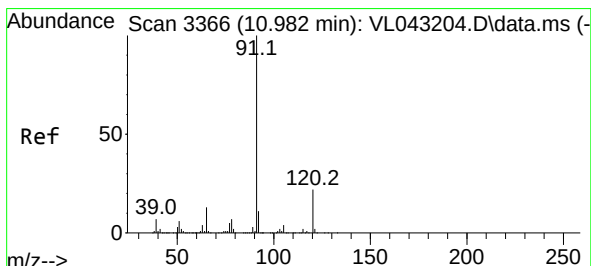
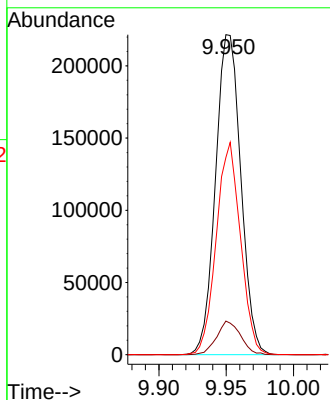
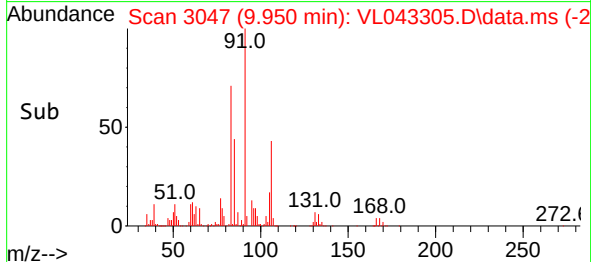
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 290145
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 63.4 31.9 95.9

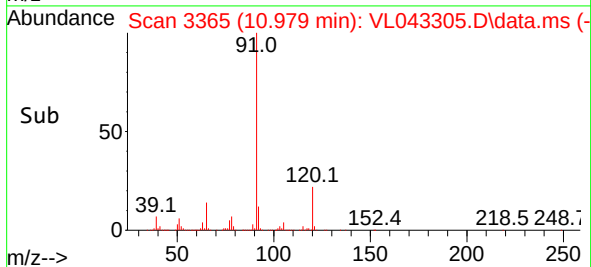
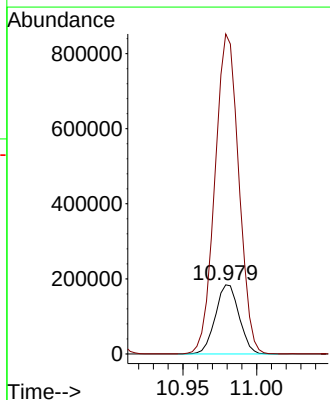
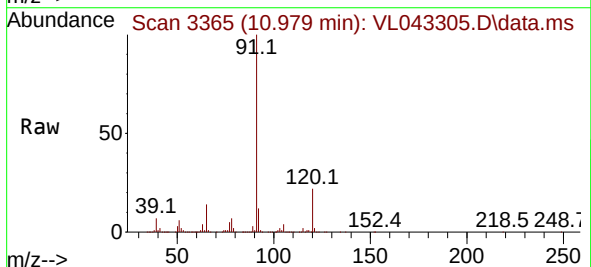
Manual Integrations
APPROVED

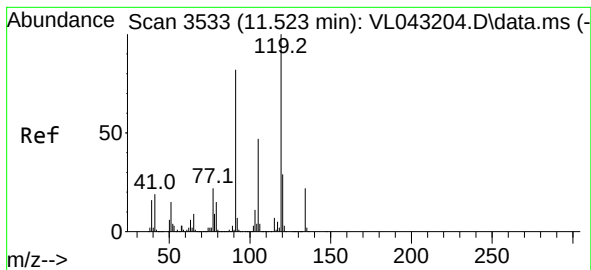
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#64
n-propylbenzene
Concen: 11.779 ppbv
RT: 10.979 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

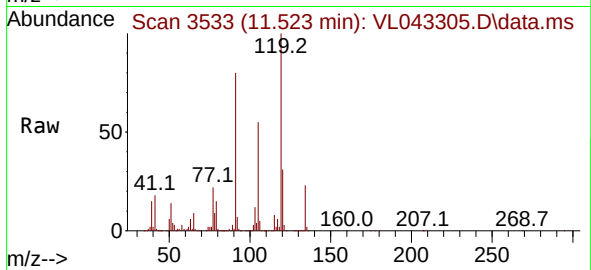
Tgt Ion:120 Resp: 205431
Ion Ratio Lower Upper
120 100
91 467.7 377.1 565.7





#65
tert-Butylbenzene
Concen: 11.455 ppbv
RT: 11.523 min Scan# 3533
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

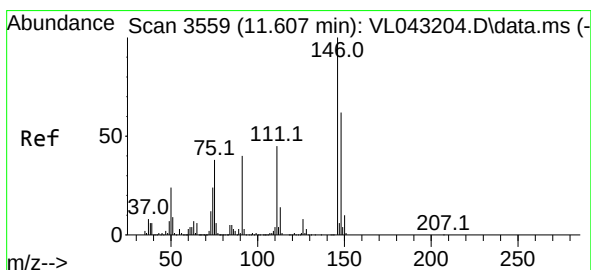
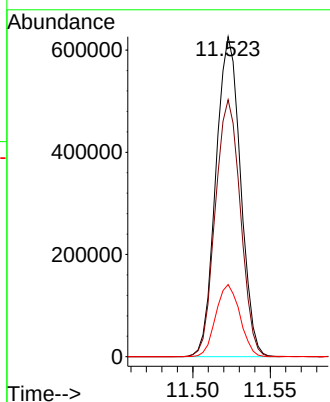
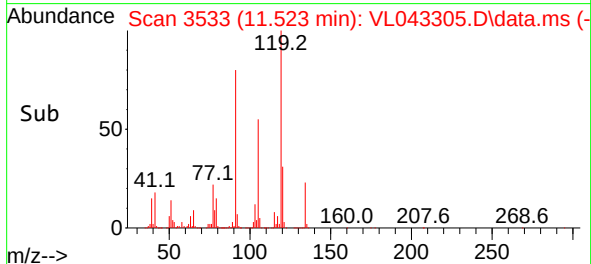
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



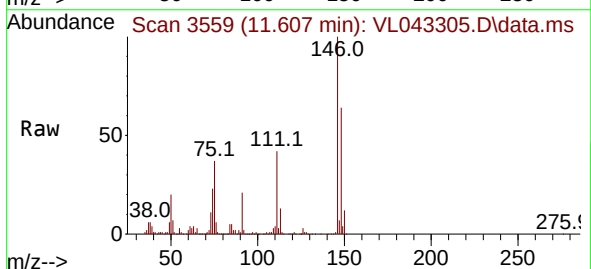
Tgt Ion: 119 Resp: 694372
Ion Ratio Lower Upper
119 100
91 81.7 65.3 97.9
134 22.0 17.0 25.4

Manual Integrations
APPROVED

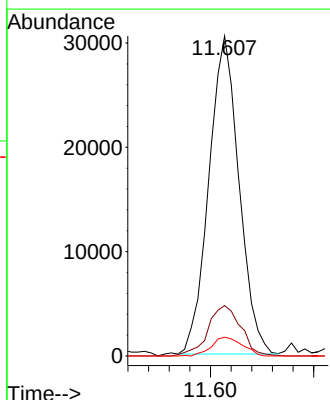
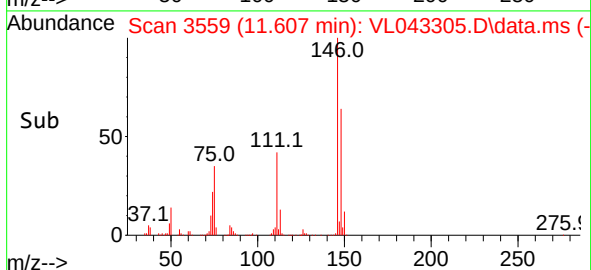
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

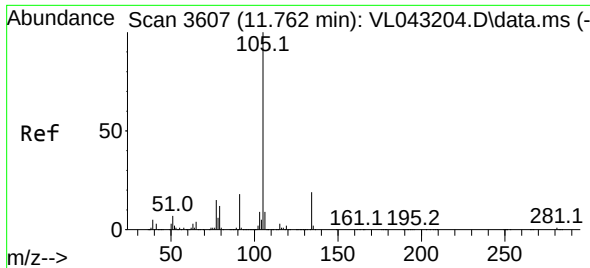


#66
Benzyl Chloride
Concen: 5.035 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44



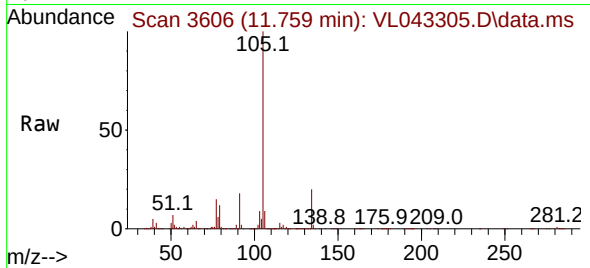
Tgt Ion: 91 Resp: 30971
Ion Ratio Lower Upper
91 100
126 17.2 14.4 21.6
128 6.0 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 11.615 ppbv
 RT: 11.759 min Scan# 3606
 Delta R.T. -0.003 min
 Lab File: VL043305.D
 Acq: 08 Dec 2025 08:44

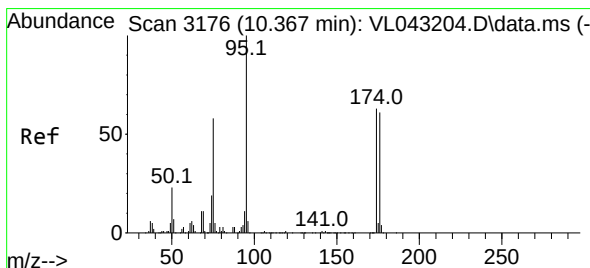
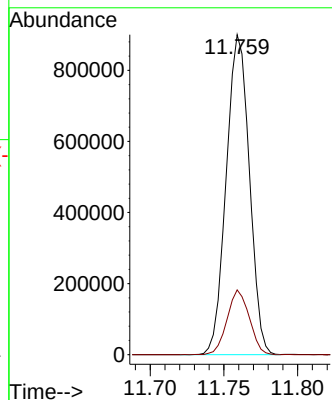
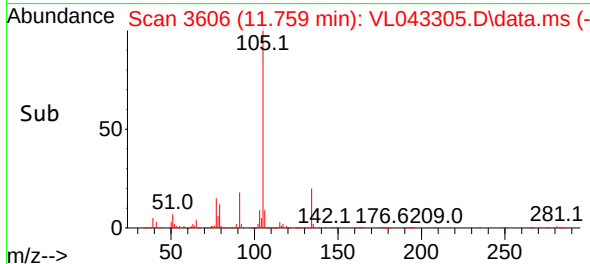
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 982704
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.0 22.6

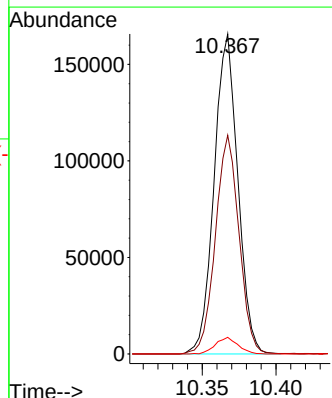
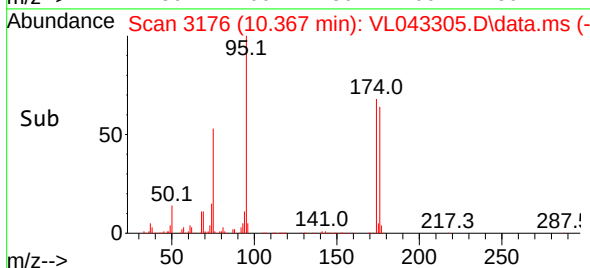
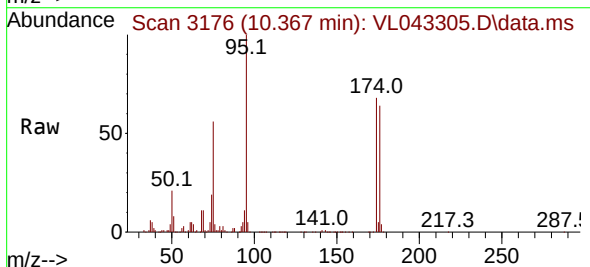
Manual Integrations
 APPROVED

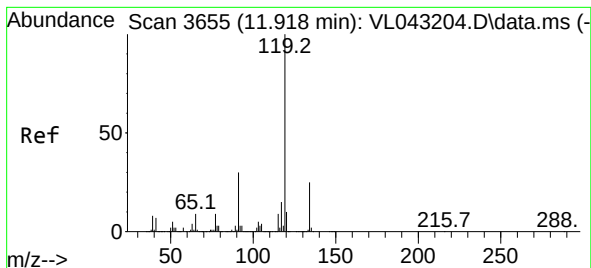
Reviewed By :Semsettin Yesilyurt 12/09/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.269 ppbv
 RT: 10.367 min Scan# 3176
 Delta R.T. -0.000 min
 Lab File: VL043305.D
 Acq: 08 Dec 2025 08:44

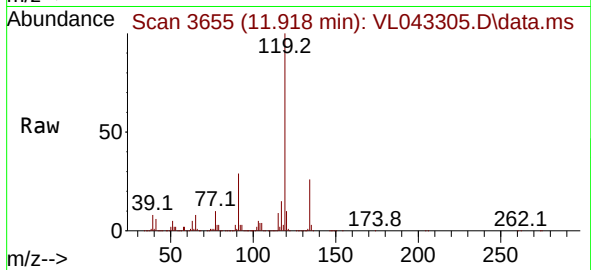
Tgt Ion: 95 Resp: 185245
 Ion Ratio Lower Upper
 95 100
 174 68.3 50.2 75.2
 175 5.0 4.1 6.1





#69
p-Isopropyltoluene
Concen: 11.330 ppbv
RT: 11.918 min Scan# 3655
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

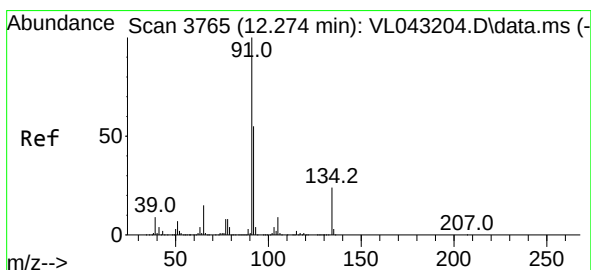
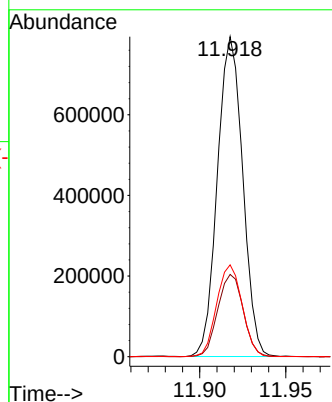
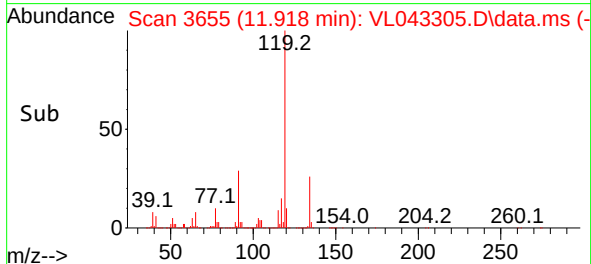
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



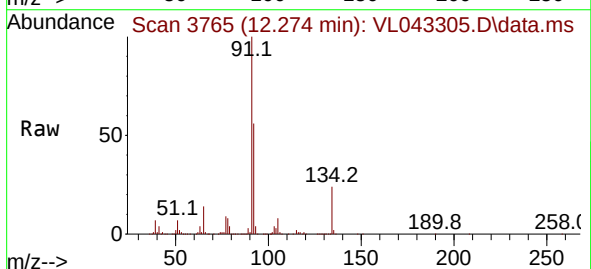
Tgt Ion: 119 Resp: 812059
Ion Ratio Lower Upper
119 100
134 25.9 20.2 30.2
91 29.0 23.8 35.8

Manual Integrations
APPROVED

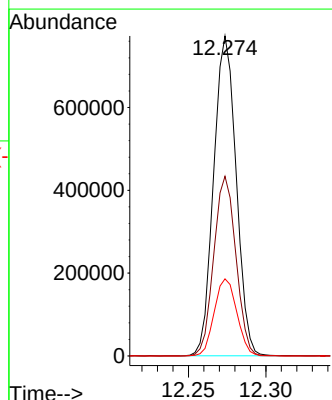
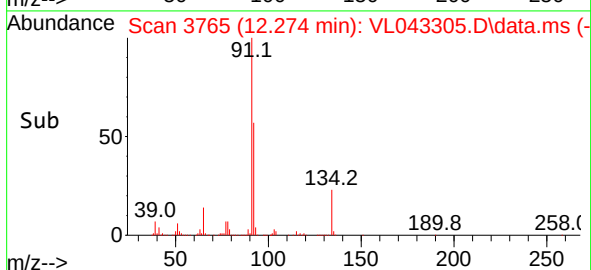
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

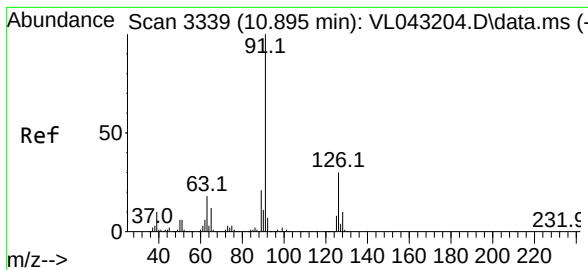


#70
n-Butylbenzene
Concen: 11.231 ppbv
RT: 12.274 min Scan# 3765
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44



Tgt Ion: 91 Resp: 780968
Ion Ratio Lower Upper
91 100
92 55.2 43.5 65.3
134 24.3 19.0 28.6





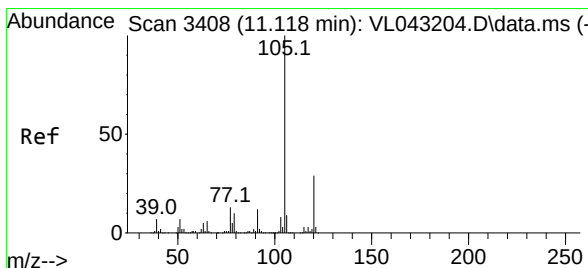
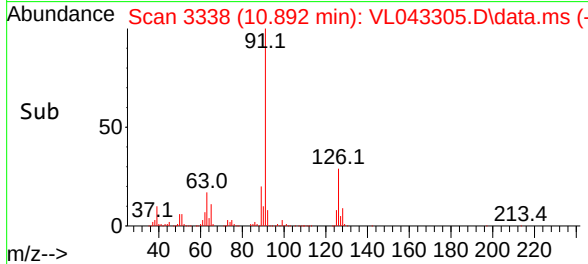
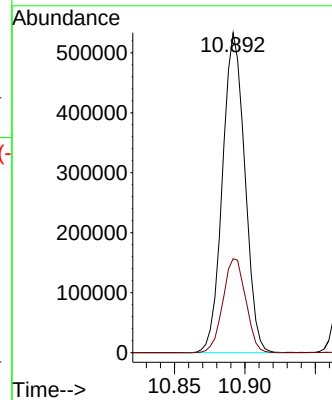
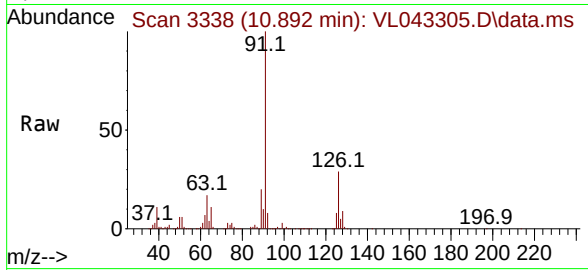
#71
2-Chlorotoluene
Concen: 11.289 ppbv
RT: 10.892 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 58894
Ion Ratio Lower Upper
91 100
126 30.0 11.7 46.7

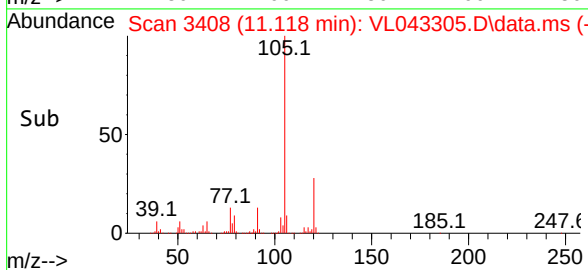
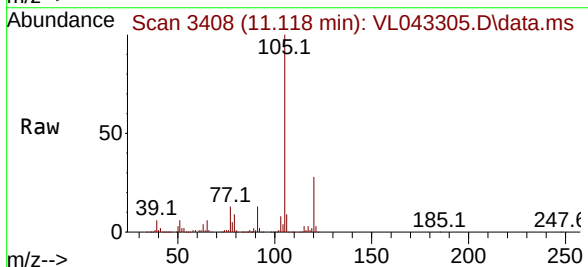
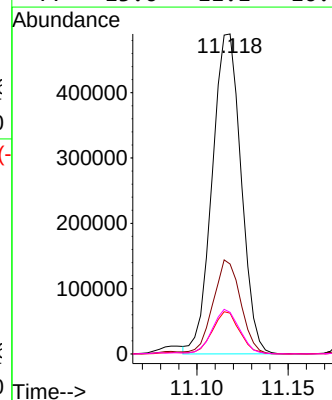
Manual Integrations
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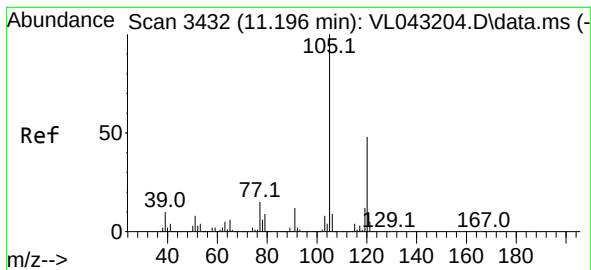
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#72
4-Ethyltoluene
Concen: 11.678 ppbv
RT: 11.118 min Scan# 3408
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Tgt Ion:105 Resp: 539530
Ion Ratio Lower Upper
105 100
120 28.8 23.8 35.8
91 12.8 10.3 15.5
77 13.6 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 11.503 ppbv

RT: 11.196 min Scan# 3432

Delta R.T. -0.000 min

Lab File: VL043305.D

Acq: 08 Dec 2025 08:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 44598

Ion Ratio Lower Upper

105 100

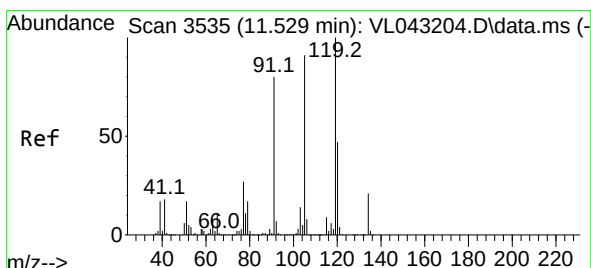
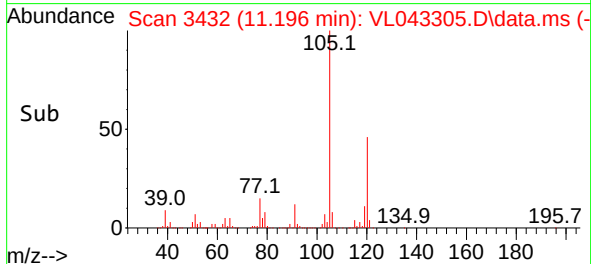
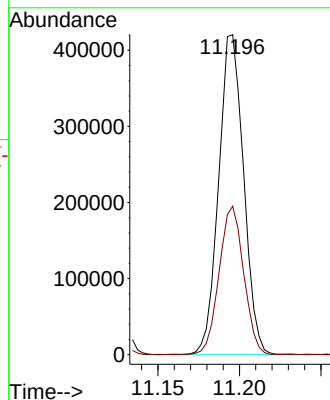
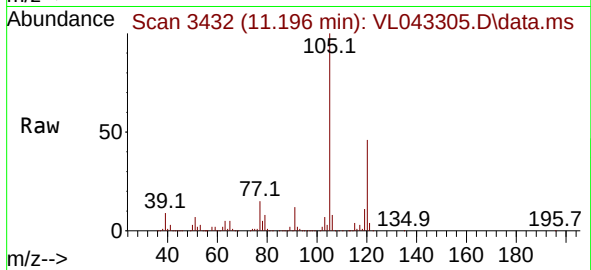
120 46.5 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025

Supervised By :Mahesh Dadoda 12/11/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.800 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. -0.000 min

Lab File: VL043305.D

Acq: 08 Dec 2025 08:44

Tgt Ion:105 Resp: 499268

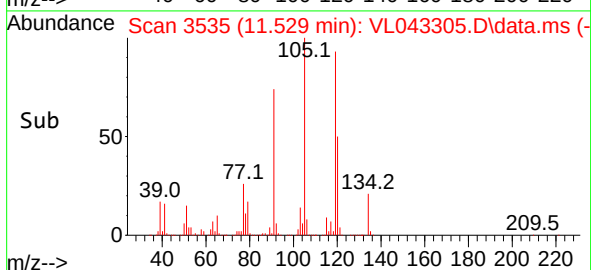
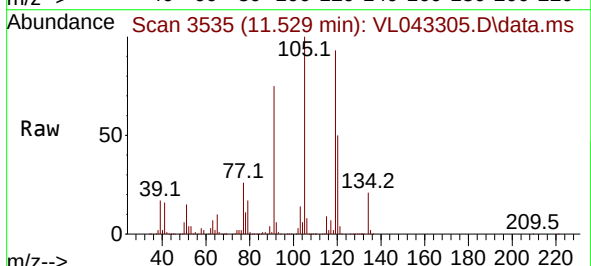
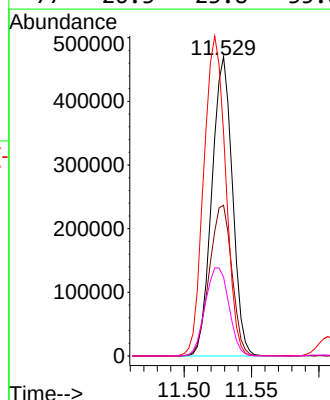
Ion Ratio Lower Upper

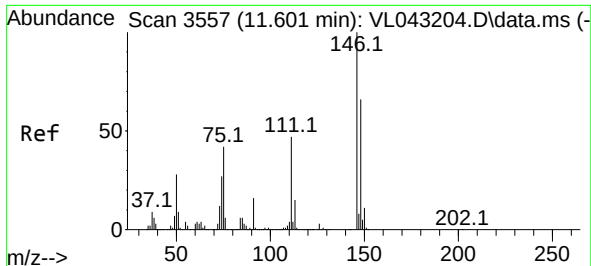
105 100

120 50.4 41.7 62.5

91 74.6 70.0 105.0

77 26.3 23.8 35.8





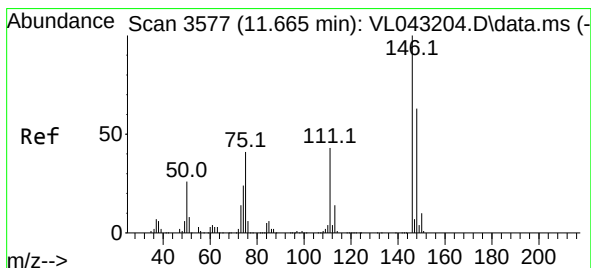
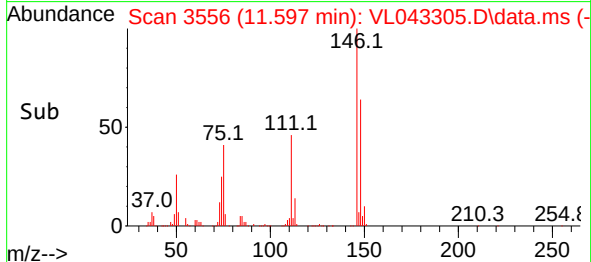
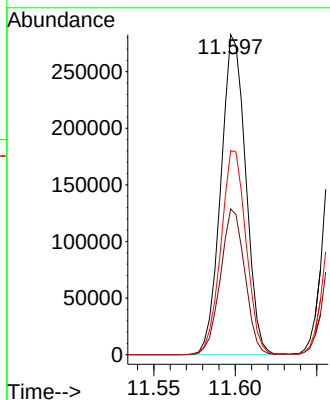
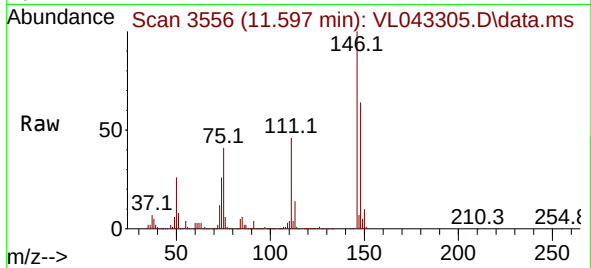
#75
1,3-Dichlorobenzene
Concen: 12.092 ppbv
RT: 11.597 min Scan# 3556
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 298569
Ion Ratio Lower Upper
146 100
111 44.8 23.4 70.3
148 64.8 31.6 95.0

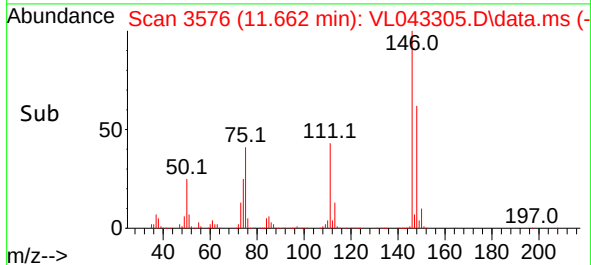
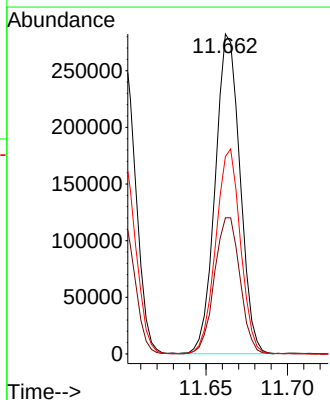
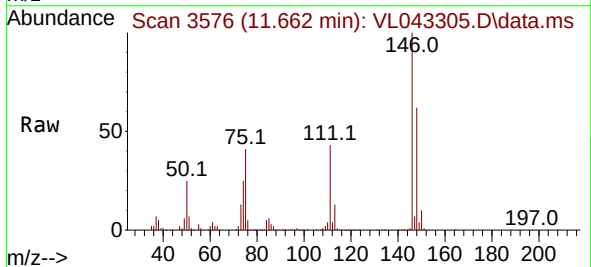
Manual Integrations
APPROVED

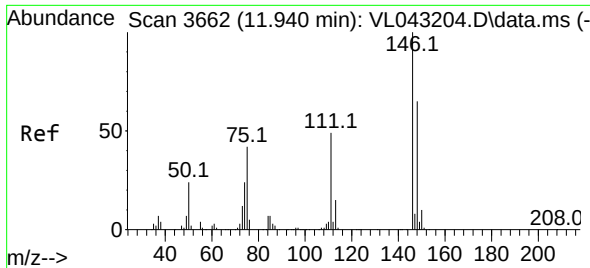
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#76
1,4-Dichlorobenzene
Concen: 12.074 ppbv
RT: 11.662 min Scan# 3576
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

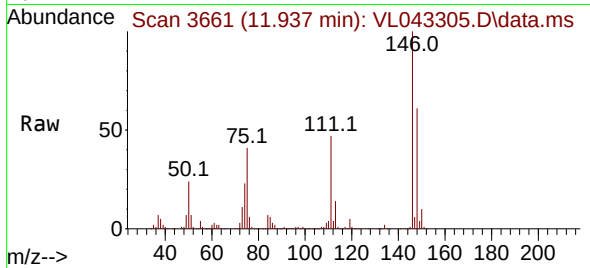
Tgt Ion:146 Resp: 298168
Ion Ratio Lower Upper
146 100
111 44.2 22.8 68.3
148 64.0 31.8 95.4





#77
1,2-Dichlorobenzene
Concen: 12.068 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.003 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44

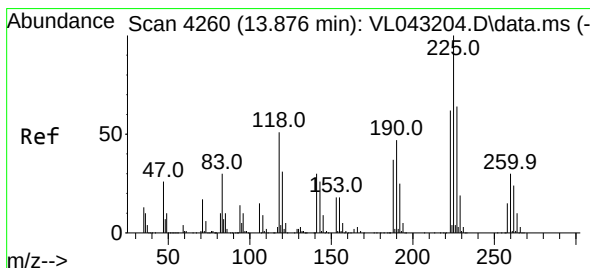
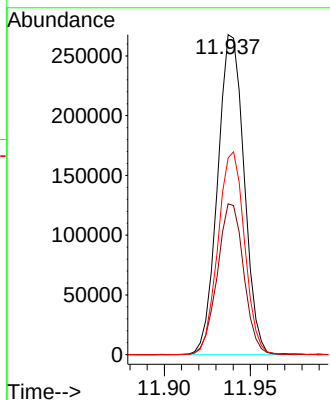
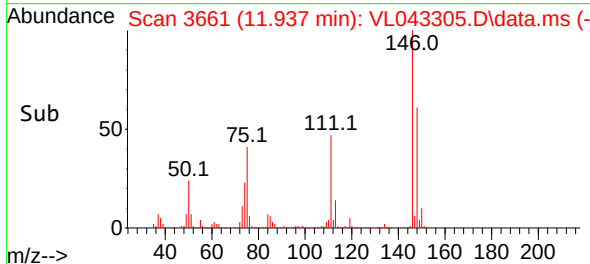
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



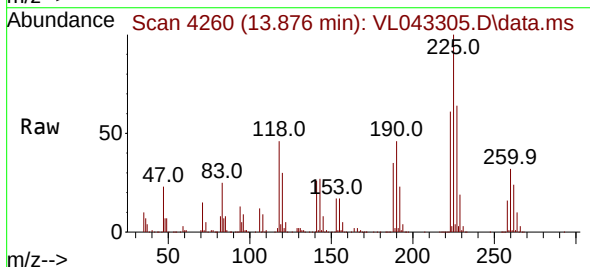
Tgt Ion:146 Resp: 286495
Ion Ratio Lower Upper
146 100
111 47.3 24.3 73.0
148 63.7 31.6 94.7

Manual Integrations
APPROVED

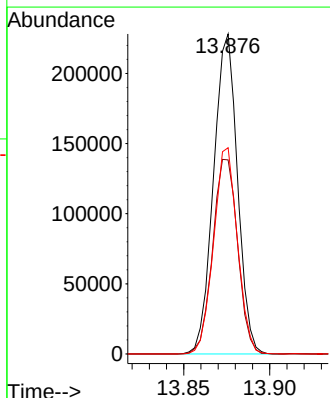
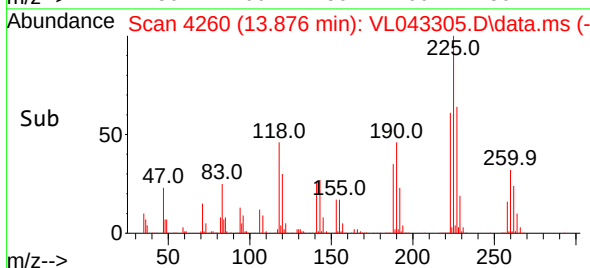
Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

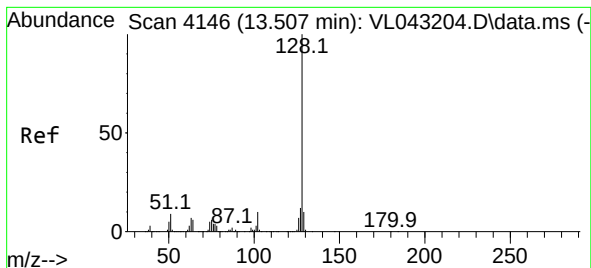


#78
Hexachloro-1,3-Butadiene
Concen: 11.143 ppbv
RT: 13.876 min Scan# 4260
Delta R.T. -0.000 min
Lab File: VL043305.D
Acq: 08 Dec 2025 08:44



Tgt Ion:225 Resp: 220765
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.4
227 64.1 51.1 76.7





#79

Naphthalene

Concen: 10.733 ppbv

RT: 13.507 min Scan# 4146

Delta R.T. -0.000 min

Lab File: VL043305.D

Acq: 08 Dec 2025 08:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

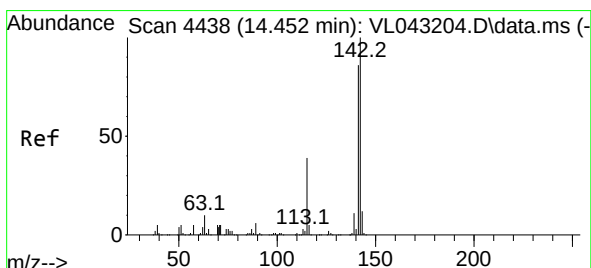
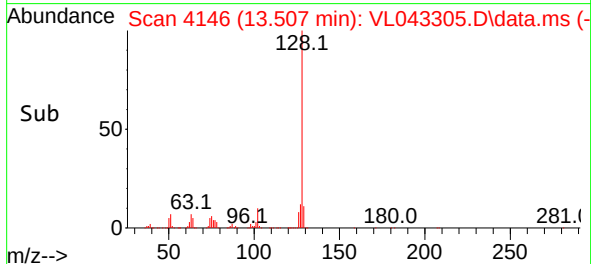
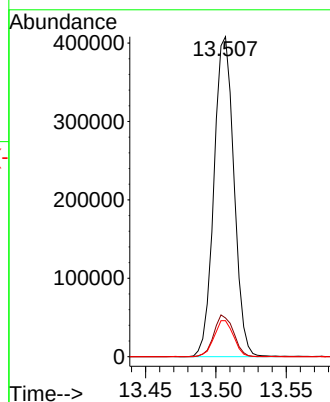
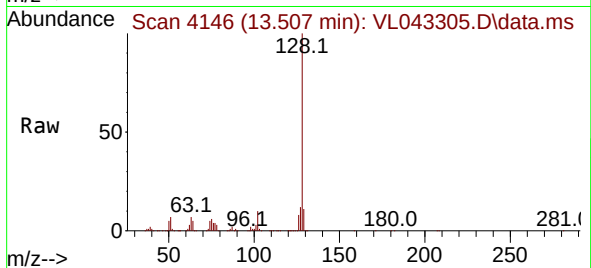
Tgt Ion:128 Resp: 40334

Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.9	14.9
129	11.2	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025



#80

Naphthalene,2-methyl-

Concen: 9.302 ppbv

RT: 14.452 min Scan# 4438

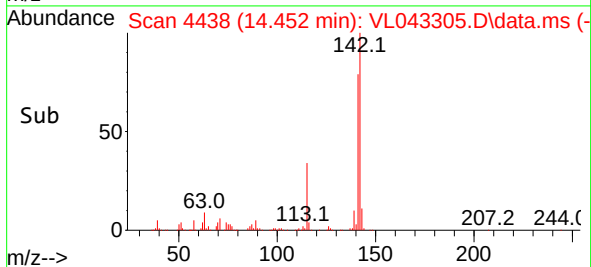
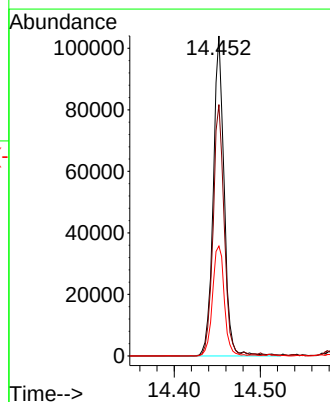
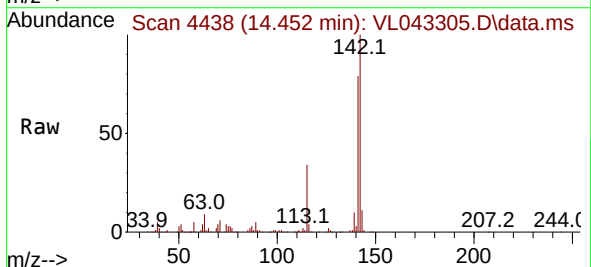
Delta R.T. -0.000 min

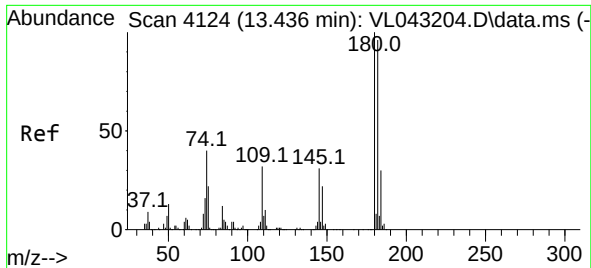
Lab File: VL043305.D

Acq: 08 Dec 2025 08:44

Tgt Ion:142 Resp: 91763

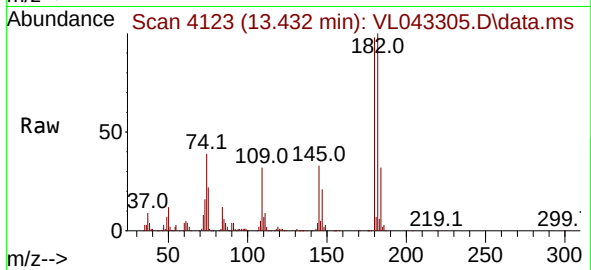
Ion	Ratio	Lower	Upper
142	100		
141	81.6	67.1	100.7
115	37.9	31.9	47.9





#81
 1,2,4-Trichlorobenzene
 Concen: 12.024 ppbv
 RT: 13.432 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL043305.D
 Acq: 08 Dec 2025 08:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 202078
 Ion Ratio Lower Upper
 180 100
 182 97.5 77.4 116.2
 184 30.7 24.2 36.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
 Supervised By :Mahesh Dadoda 12/11/2025

