

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
 Data File : VW032241.D
 Acq On : 24 Sep 2025 12:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025

Quant Time: Sep 25 05:02:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	159364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	285121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	263383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	147797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	126820	55.644	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 111.280%			
35) Dibromofluoromethane	7.898	113	109934	54.956	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 109.920%			
50) Toluene-d8	10.325	98	375602	53.487	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.617	95	140573	54.134	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 108.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	50462	47.960	ug/l	96
3) Chloromethane	2.259	50	51179	46.393	ug/l	100
4) Vinyl Chloride	2.405	62	71326	49.779	ug/l	100
5) Bromomethane	2.820	94	63936	49.968	ug/l	87
6) Chloroethane	2.966	64	52157	51.688	ug/l	98
7) Trichlorofluoromethane	3.302	101	63784	44.928	ug/l	96
8) Diethyl Ether	3.716	74	57140	53.933	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	85171	53.255	ug/l	99
10) Methyl Iodide	4.314	142	130051	53.404	ug/l	98
11) Tert butyl alcohol	5.228	59	34067	244.370	ug/l	98
12) 1,1-Dichloroethene	4.076	96	91646	54.413	ug/l	97
13) Acrolein	3.930	56	8421	39.297	ug/l	95
14) Allyl chloride	4.704	41	121556	50.809	ug/l	99
15) Acrylonitrile	5.405	53	144458	280.449	ug/l	100
16) Acetone	4.161	43	118689	240.461	ug/l	99
17) Carbon Disulfide	4.417	76	195933	46.511	ug/l	97
18) Methyl Acetate	4.704	43	114902	73.062	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	175812	55.278	ug/l	99
20) Methylene Chloride	4.948	84	107657	53.735	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	100969	53.663	ug/l	95
22) Diisopropyl ether	6.344	45	297735	57.180	ug/l	95
23) Vinyl Acetate	6.283	43	910958	257.319	ug/l	99
24) 1,1-Dichloroethane	6.240	63	187934	55.131	ug/l	99
25) 2-Butanone	7.191	43	193146	276.147	ug/l	98
26) 2,2-Dichloropropane	7.191	77	90367	50.059	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	124653	54.445	ug/l	98
28) Bromochloromethane	7.533	49	90321	57.881	ug/l	97
29) Tetrahydrofuran	7.557	42	126259	284.070	ug/l	98
30) Chloroform	7.691	83	217916	55.991	ug/l	95
31) Cyclohexane	7.972	56	129420	46.256	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	155704	54.804	ug/l	99
36) 1,1-Dichloropropene	8.093	75	133665	51.535	ug/l	99
37) Ethyl Acetate	7.277	43	82193	52.826	ug/l	100
38) Carbon Tetrachloride	8.081	117	141782	50.993	ug/l	98
39) Methylcyclohexane	9.343	83	148947	48.484	ug/l	96
40) Benzene	8.337	78	426097	53.147	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	45837	53.025	ug/l	96
42) 1,2-Dichloroethane	8.410	62	150558	54.171	ug/l	99
43) Isopropyl Acetate	8.435	43	151768	51.995	ug/l	98
44) Trichloroethene	9.099	130	103757	51.462	ug/l	90
45) 1,2-Dichloropropane	9.374	63	106903	55.313	ug/l	96
46) Dibromomethane	9.465	93	75073	55.381	ug/l	97
47) Bromodichloromethane	9.648	83	170688	55.409	ug/l	94
48) Methyl methacrylate	9.441	41	73737	54.816	ug/l	95
49) 1,4-Dioxane	9.465	88	19214	1173.130	ug/l #	88
51) 4-Methyl-2-Pentanone	10.215	43	471771	286.239	ug/l	99
52) Toluene	10.392	92	276980	52.868	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	143109	52.661	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	165518	53.380	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	99488	56.440	ug/l	97
56) Ethyl methacrylate	10.648	69	124101	55.068	ug/l	99
57) 1,3-Dichloropropane	10.934	76	162268	54.977	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	362434	301.308	ug/l	99
59) 2-Hexanone	10.971	43	328975	286.998	ug/l	99
60) Dibromochloromethane	11.130	129	121475	56.950	ug/l	99
61) 1,2-Dibromoethane	11.239	107	94474	54.500	ug/l	99
64) Tetrachloroethene	10.861	164	95085	54.852	ug/l	95
65) Chlorobenzene	11.660	112	325820	54.349	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.733	131	110786	56.131	ug/l	96
67) Ethyl Benzene	11.733	91	534019	54.368	ug/l	99
68) m/p-Xylenes	11.837	106	412192	109.038	ug/l	100
69) o-Xylene	12.166	106	194080	54.277	ug/l	99
70) Styrene	12.178	104	364451	57.819	ug/l	97
71) Bromoform	12.349	173	64592	55.101	ug/l #	97
73) Isopropylbenzene	12.465	105	501620	49.958	ug/l	98
74) N-amyl acetate	12.270	43	138299	47.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.709	83	124582	52.209	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	87585m	47.302	ug/l	
77) Bromobenzene	12.745	156	132779	51.857	ug/l	96
78) n-propylbenzene	12.800	91	624108	51.197	ug/l	98
79) 2-Chlorotoluene	12.891	91	383600	51.459	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	437834	51.503	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	34736	50.511	ug/l	96
82) 4-Chlorotoluene	12.983	91	397572	49.825	ug/l	97
83) tert-Butylbenzene	13.202	119	371745	51.573	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	451989	51.391	ug/l	99
85) sec-Butylbenzene	13.379	105	537371	49.932	ug/l	100
86) p-Isopropyltoluene	13.495	119	455074	49.723	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	257879	50.020	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	260422	50.395	ug/l	96
89) n-Butylbenzene	13.818	91	432965	49.621	ug/l	98
90) Hexachloroethane	14.092	117	83029	49.598	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	240599	52.711	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	21859	51.853	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	145050	49.738	ug/l	99
94) Hexachlorobutadiene	15.226	225	67827	46.895	ug/l	98
95) Naphthalene	15.360	128	340442	51.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	139633	51.484	ug/l	99

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ClientSampleId :
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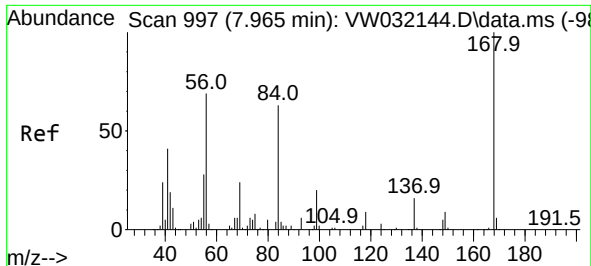
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 09/26/2025

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Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

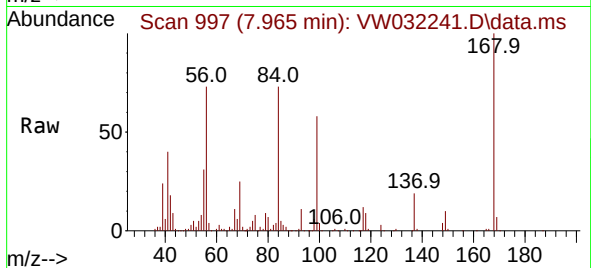
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032241.D
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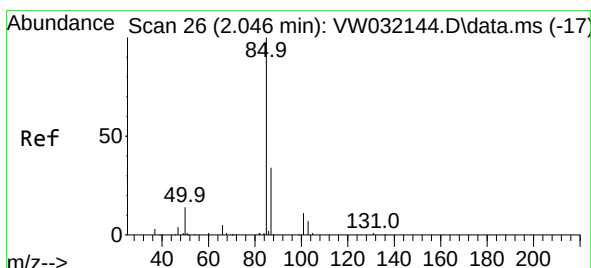
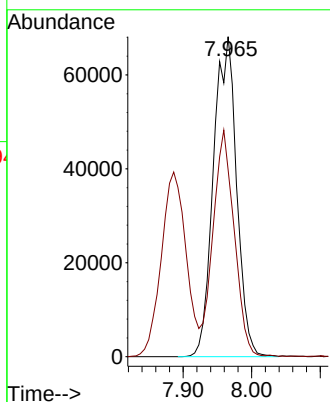
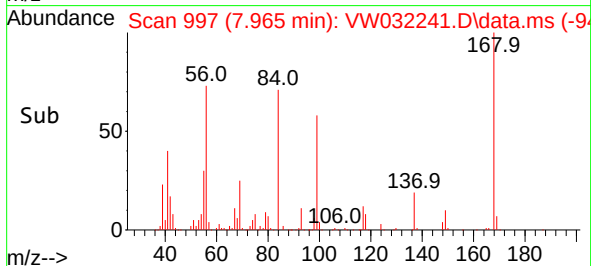
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 15936
Ion Ratio Lower Upper
168 100
99 58.3 49.3 73.9

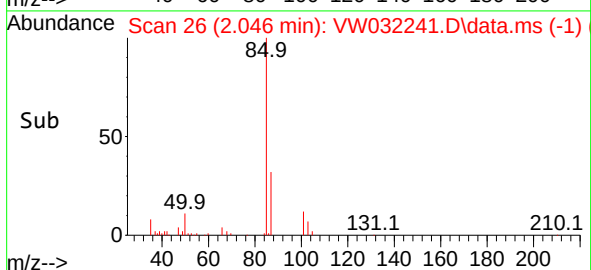
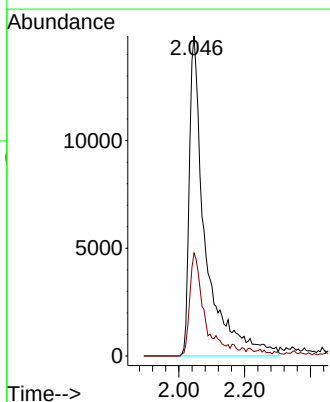
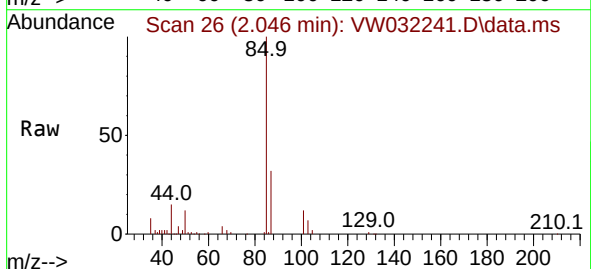
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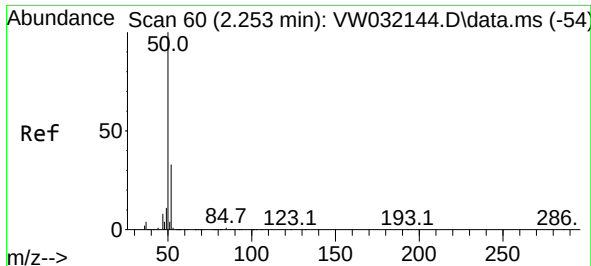
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#2
Dichlorodifluoromethane
Concen: 47.960 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 85 Resp: 50462
Ion Ratio Lower Upper
85 100
87 32.1 17.2 51.6





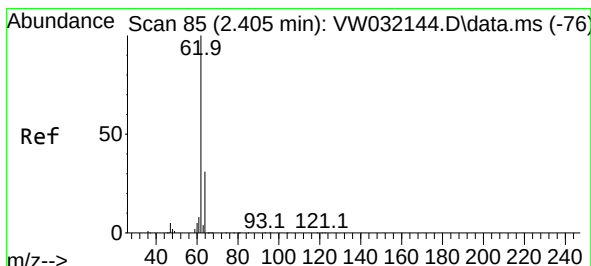
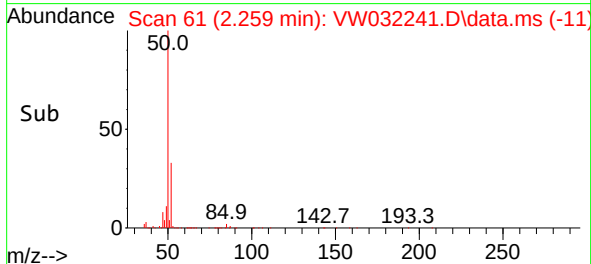
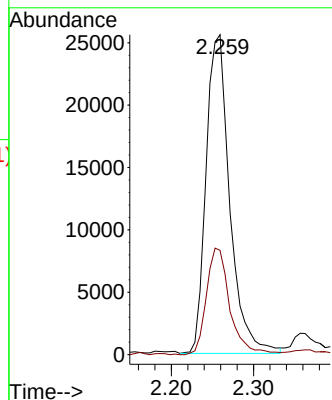
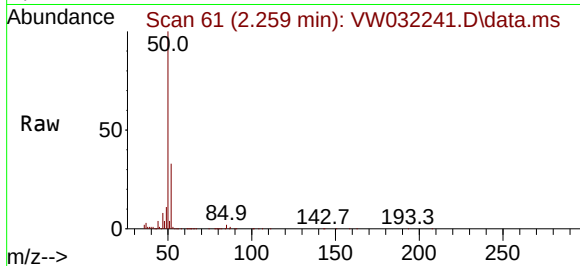
#3
Chloromethane
Concen: 46.393 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 51179
Ion Ratio Lower Upper
50 100
52 32.7 26.1 39.1

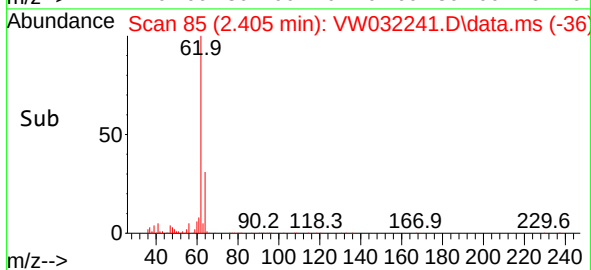
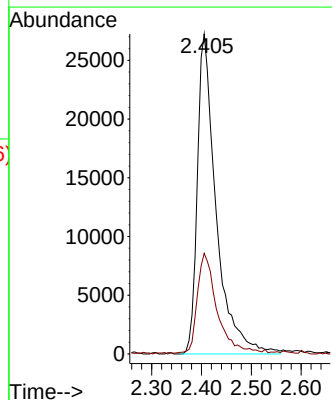
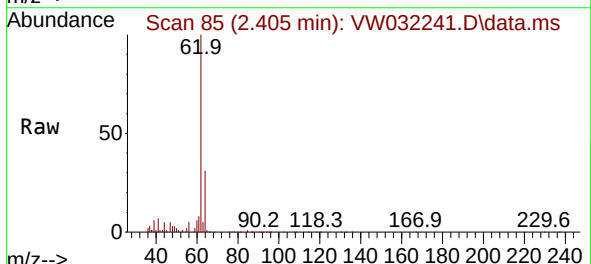
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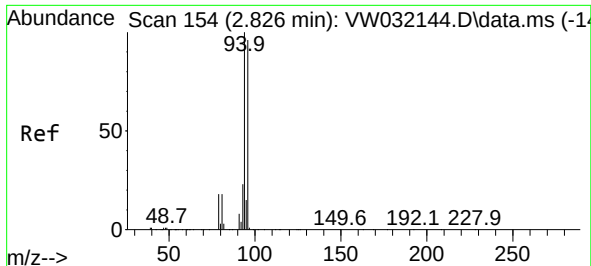
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#4
Vinyl Chloride
Concen: 49.779 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 62 Resp: 71326
Ion Ratio Lower Upper
62 100
64 31.0 24.8 37.2





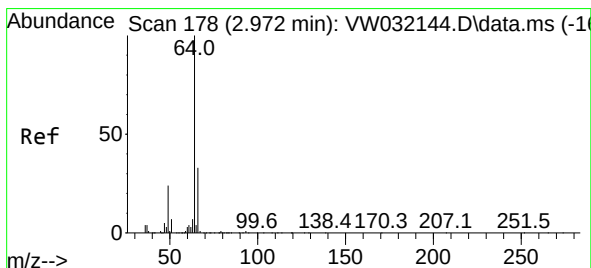
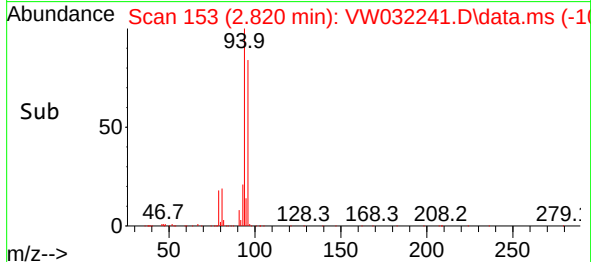
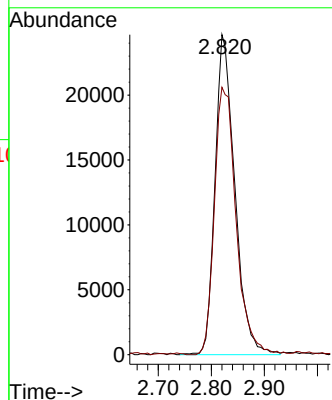
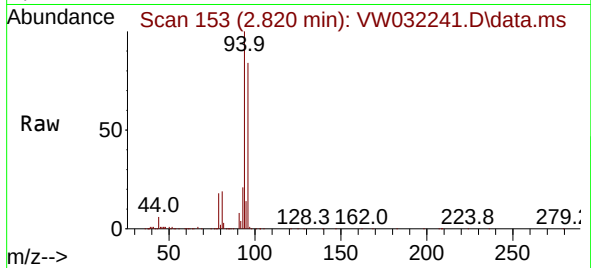
#5
Bromomethane
Concen: 49.968 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Instrument :
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Tgt Ion: 94 Resp: 63930
Ion Ratio Lower Upper
94 100
96 83.2 76.6 115.0

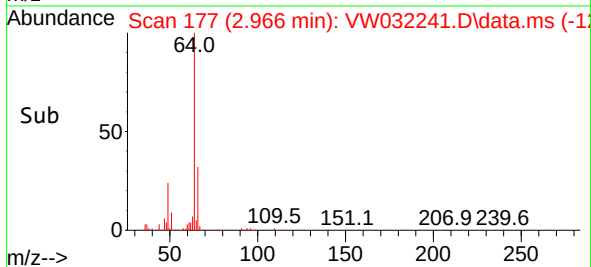
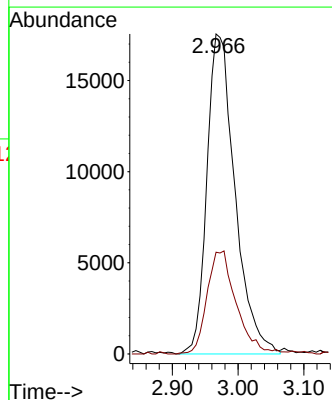
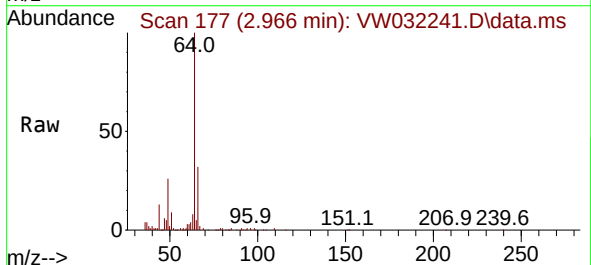
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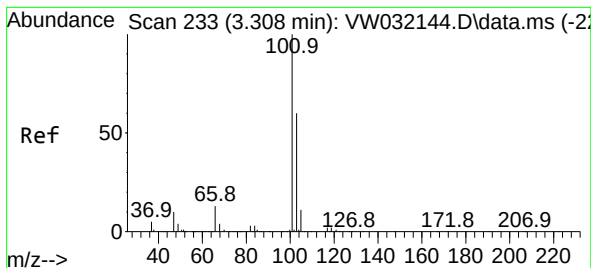
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#6
Chloroethane
Concen: 51.688 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 64 Resp: 52157
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





#7

Trichlorofluoromethane

Concen: 44.928 ug/l

RT: 3.302 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 63784

Ion Ratio Lower Upper

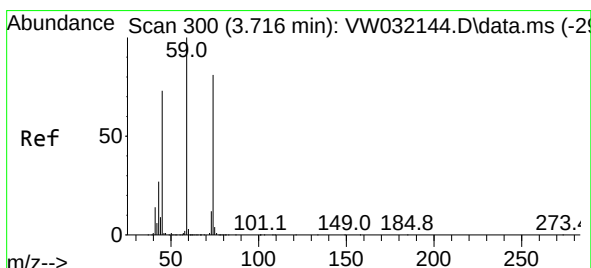
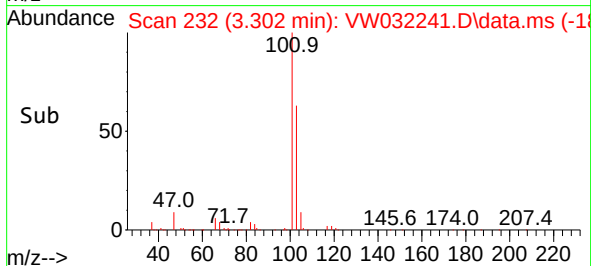
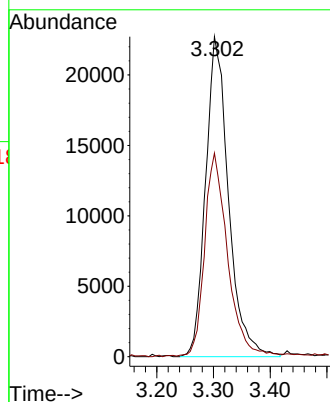
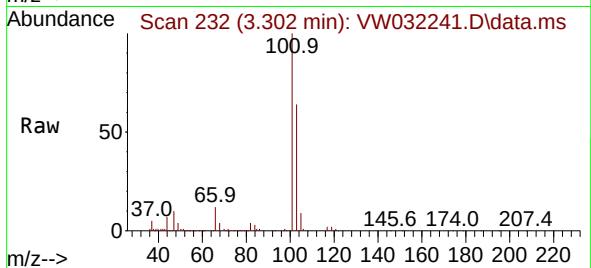
101 100

103 63.2 47.8 71.8

Manual Integrations

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#8

Diethyl Ether

Concen: 53.933 ug/l

RT: 3.716 min Scan# 300

Delta R.T. 0.000 min

Lab File: VW032241.D

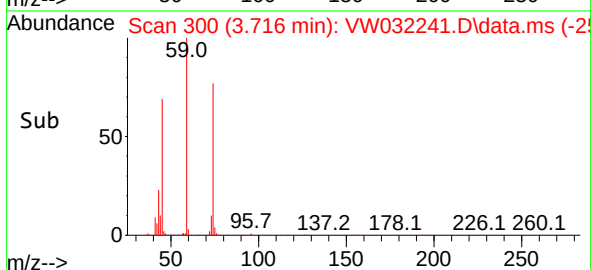
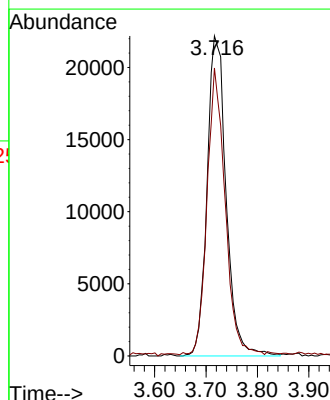
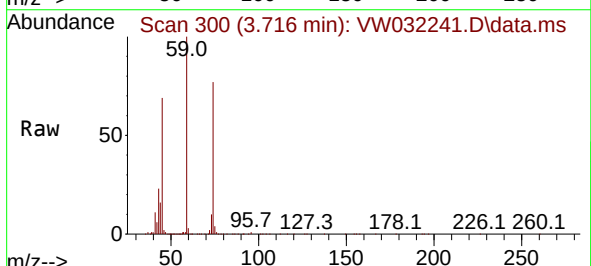
Acq: 24 Sep 2025 12:59

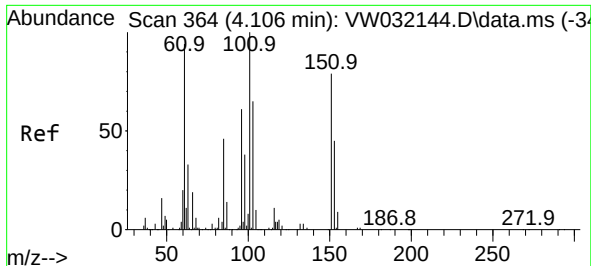
Tgt Ion: 74 Resp: 57140

Ion Ratio Lower Upper

74 100

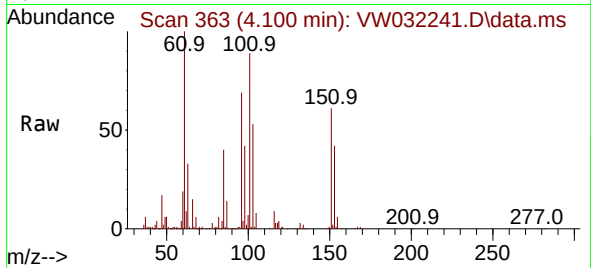
45 84.5 43.1 129.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.255 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
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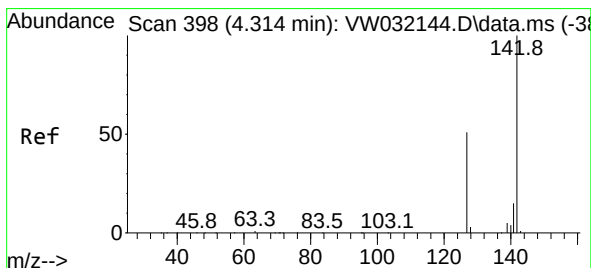
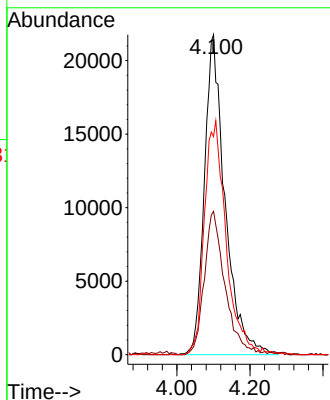
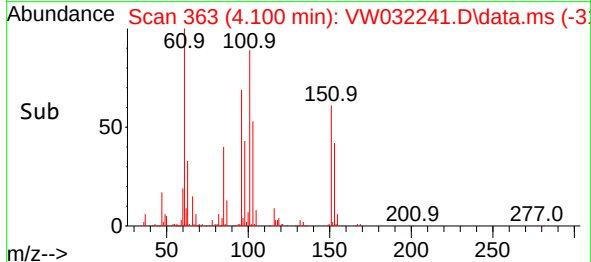
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



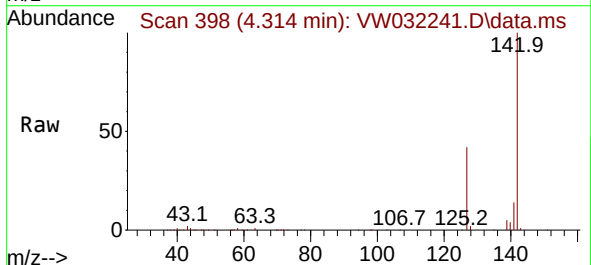
Tgt Ion:101 Resp: 8517
Ion Ratio Lower Upper
101 100
85 44.9 37.1 55.7
151 76.4 61.5 92.3

Manual Integrations
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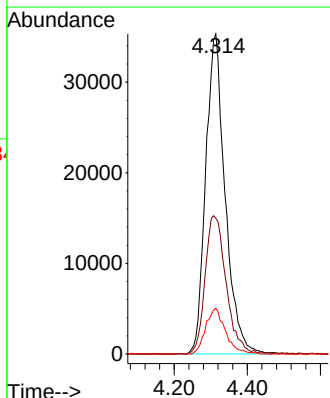
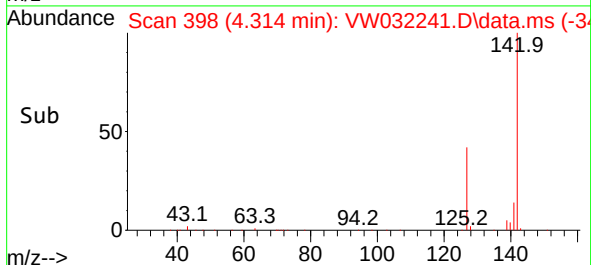
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

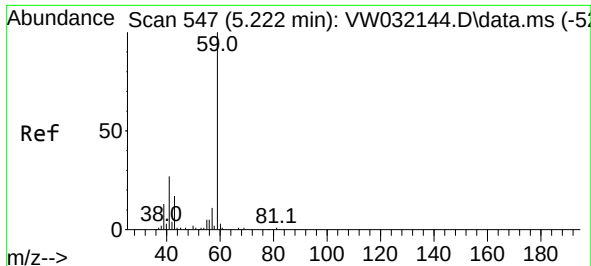


#10
Methyl Iodide
Concen: 53.404 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59



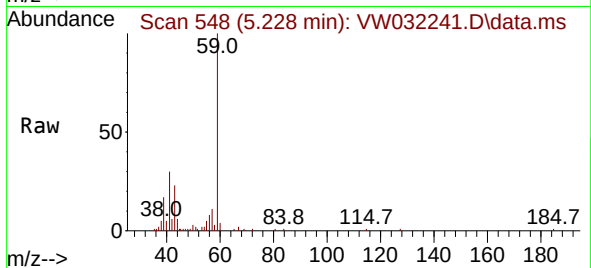
Tgt Ion:142 Resp: 130051
Ion Ratio Lower Upper
142 100
127 46.6 38.2 57.2
141 14.5 12.2 18.2





#11
Tert butyl alcohol
Concen: 244.370 ug/l
RT: 5.228 min Scan# 547
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

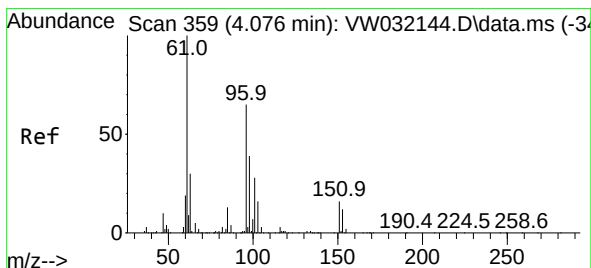
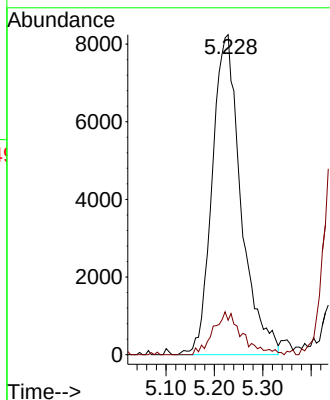
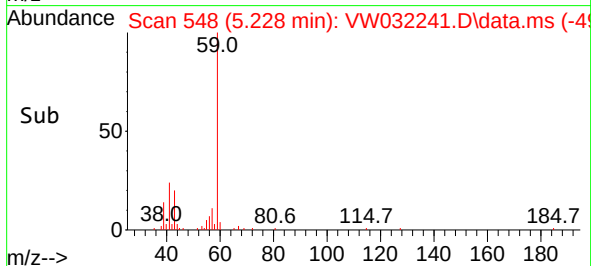
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



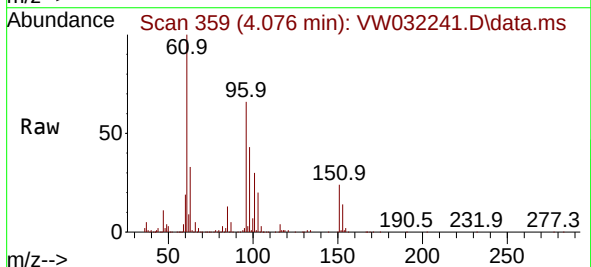
Tgt Ion: 59 Resp: 3406
Ion Ratio Lower Upper
59 100
57 12.9 9.8 14.6

Manual Integrations
APPROVED

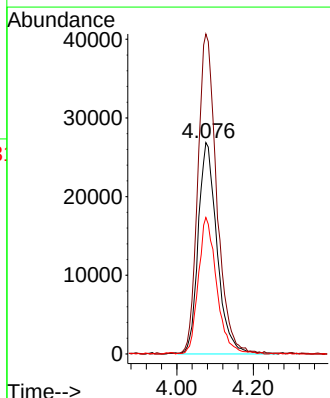
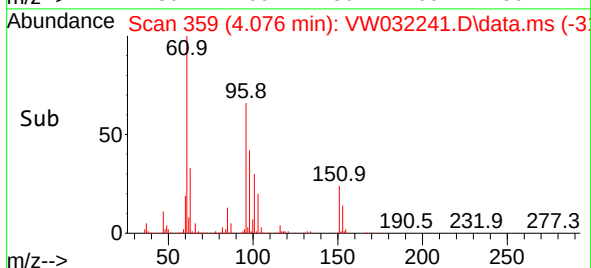
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

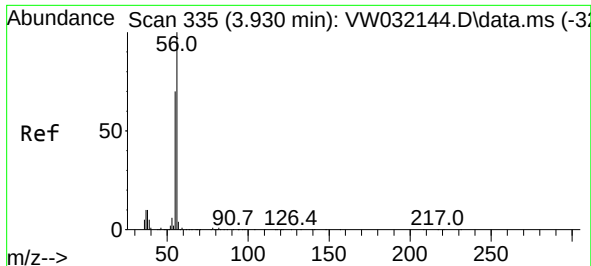


#12
1,1-Dichloroethene
Concen: 54.413 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59



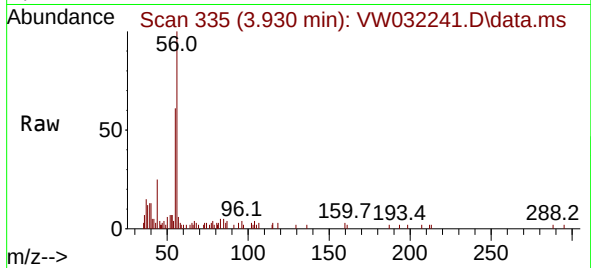
Tgt Ion: 96 Resp: 91646
Ion Ratio Lower Upper
96 100
61 151.1 123.0 184.4
98 64.6 48.5 72.7





#13
Acrolein
Concen: 39.297 ug/l
RT: 3.930 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

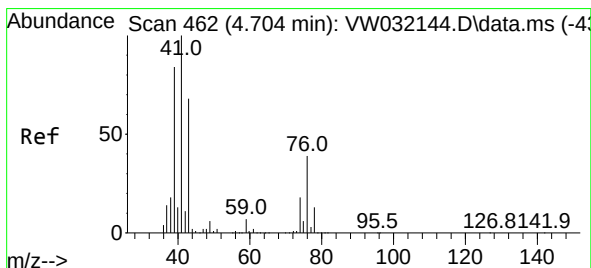
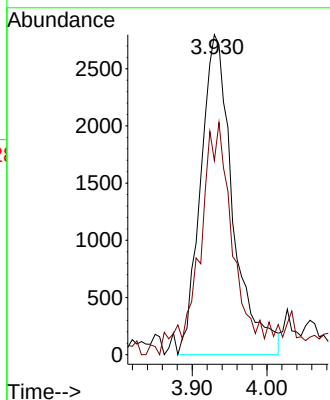
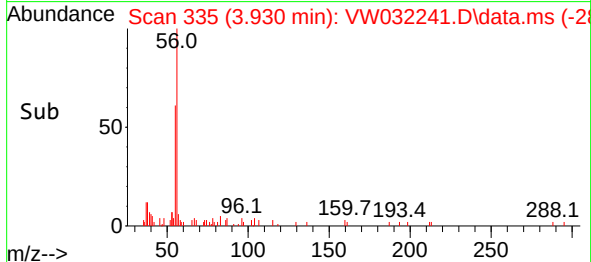
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 842
Ion Ratio Lower Upper
56 100
55 74.3 56.4 84.6

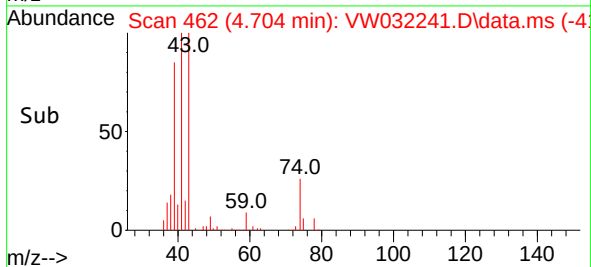
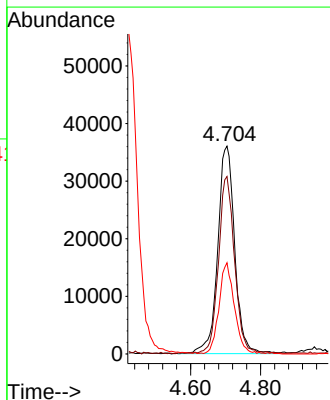
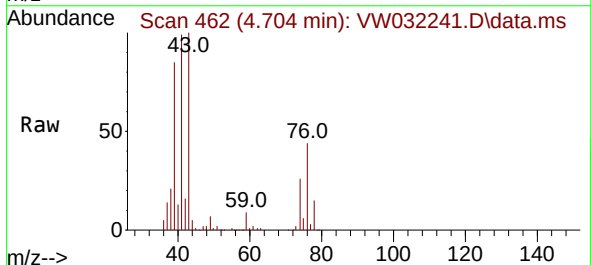
Manual Integrations
APPROVED

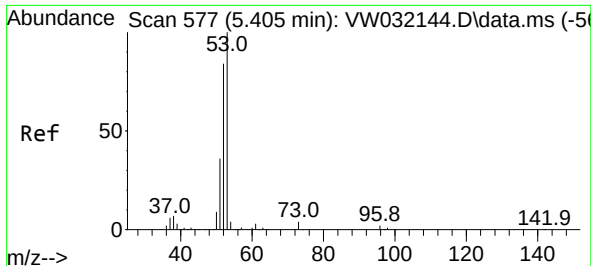
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#14
Allyl chloride
Concen: 50.809 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

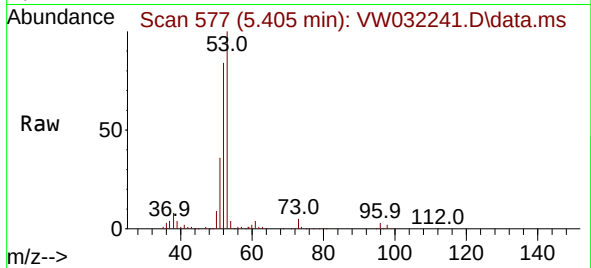
Tgt Ion: 41 Resp: 121556
Ion Ratio Lower Upper
41 100
39 81.7 64.1 96.1
76 39.0 31.4 47.2





#15
Acrylonitrile
Concen: 280.449 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

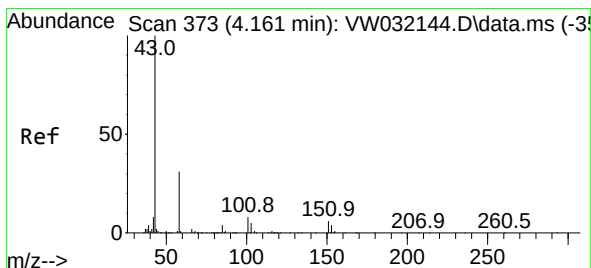
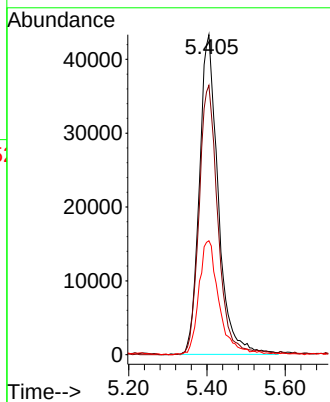
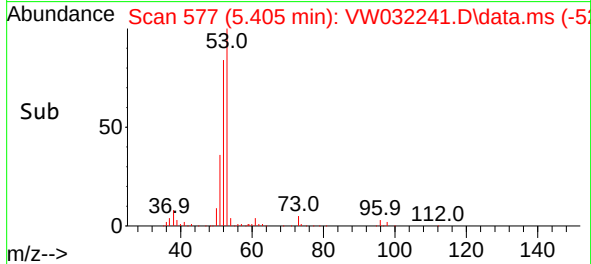
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 144458
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.2
51 37.8 30.3 45.5

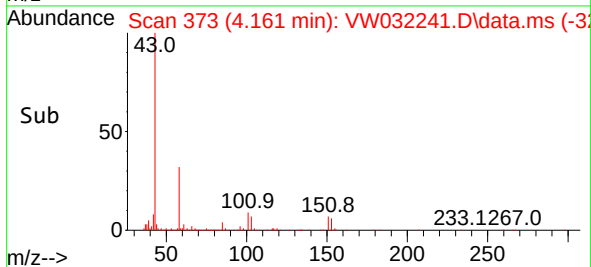
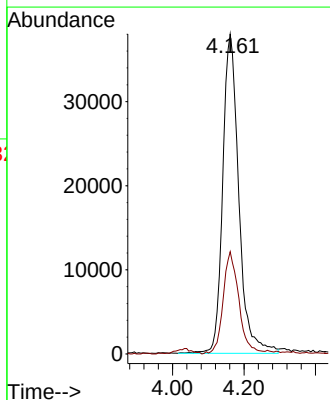
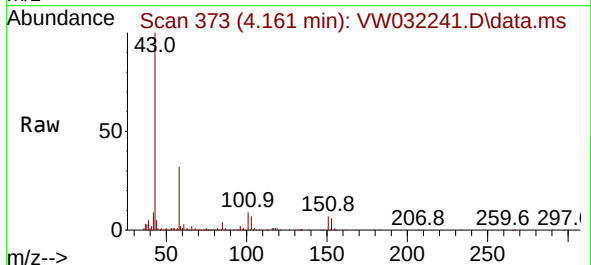
Manual Integrations
APPROVED

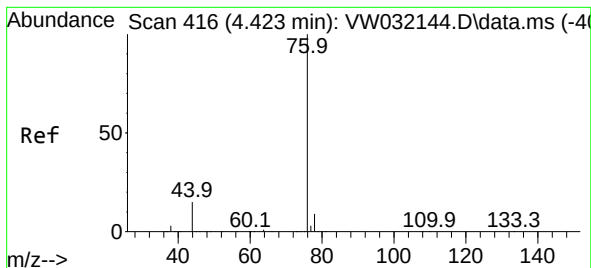
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#16
Acetone
Concen: 240.461 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 43 Resp: 118689
Ion Ratio Lower Upper
43 100
58 31.2 25.3 37.9





#17

Carbon Disulfide

Concen: 46.511 ug/l

RT: 4.417 min Scan# 415

Delta R.T. -0.006 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 19593

Ion Ratio Lower Upper

76 100

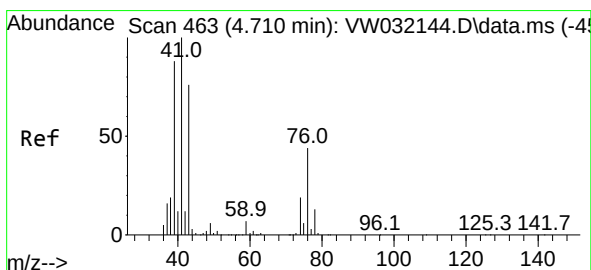
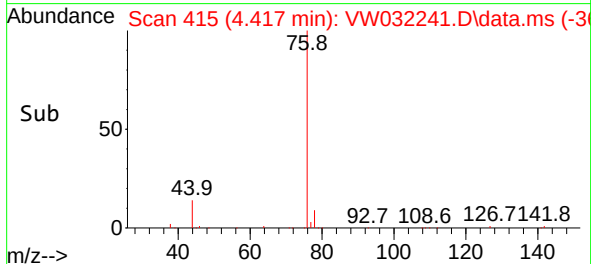
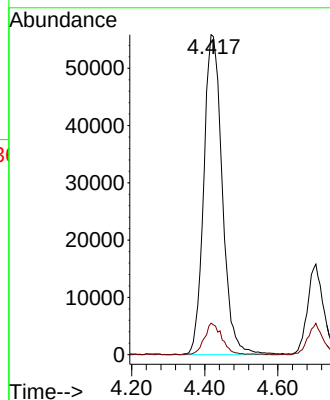
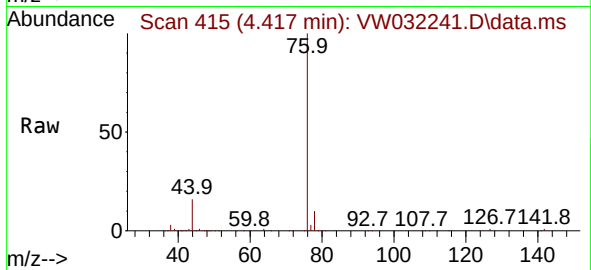
78 9.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#18

Methyl Acetate

Concen: 73.062 ug/l

RT: 4.704 min Scan# 462

Delta R.T. -0.006 min

Lab File: VW032241.D

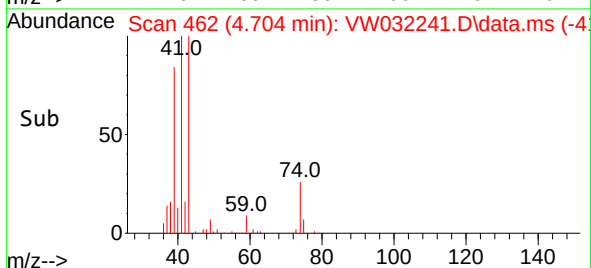
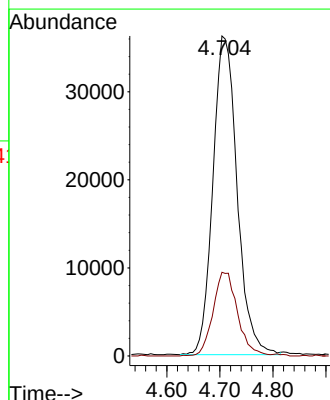
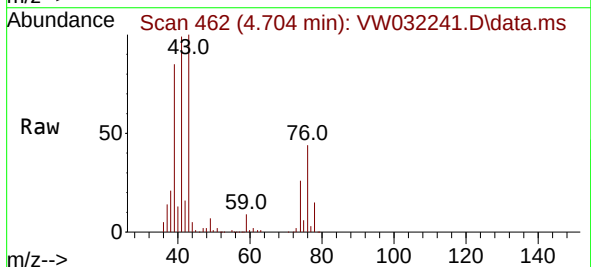
Acq: 24 Sep 2025 12:59

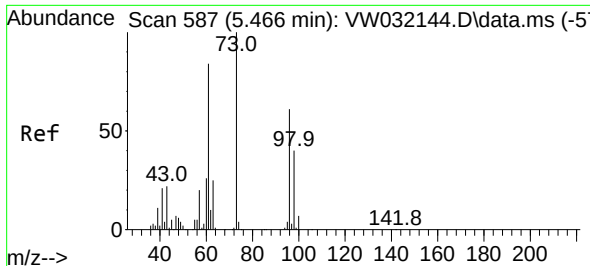
Tgt Ion: 43 Resp: 114902

Ion Ratio Lower Upper

43 100

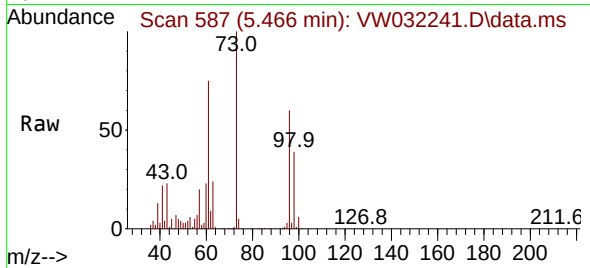
74 26.5 20.2 30.4





#19
Methyl tert-butyl Ether
Concen: 55.278 ug/l
RT: 5.466 min Scan# 501
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

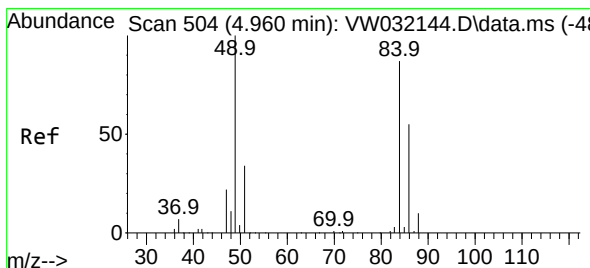
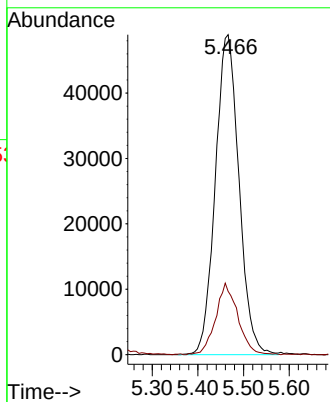
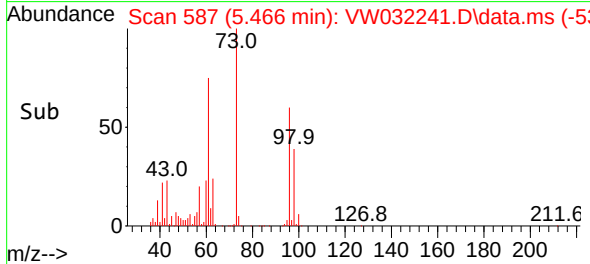
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 175812
Ion Ratio Lower Upper
73 100
57 19.6 16.2 24.4

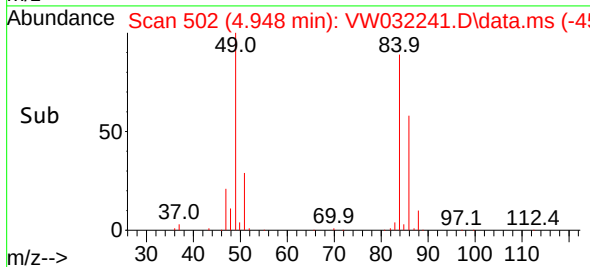
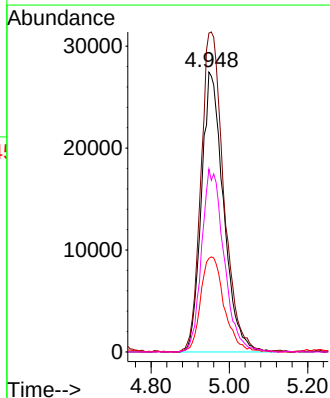
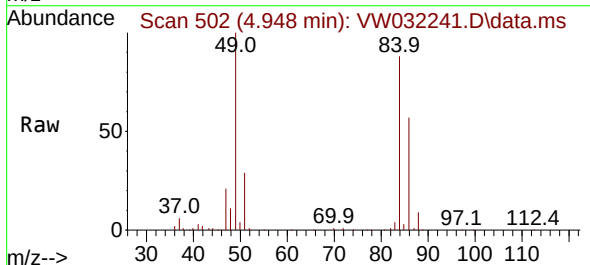
Manual Integrations
APPROVED

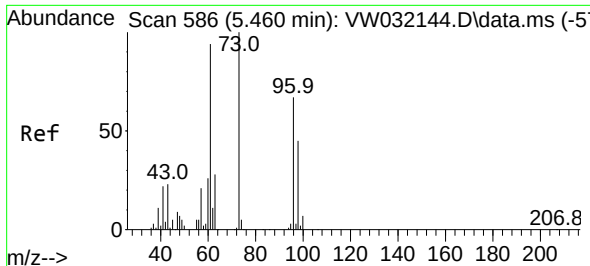
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#20
Methylene Chloride
Concen: 53.735 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

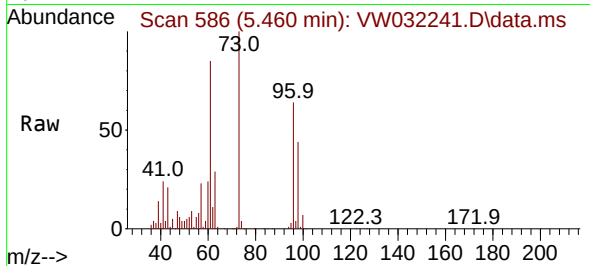
Tgt Ion: 84 Resp: 107657
Ion Ratio Lower Upper
84 100
49 114.0 92.2 138.4
51 33.5 31.0 46.6
86 65.3 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 53.663 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

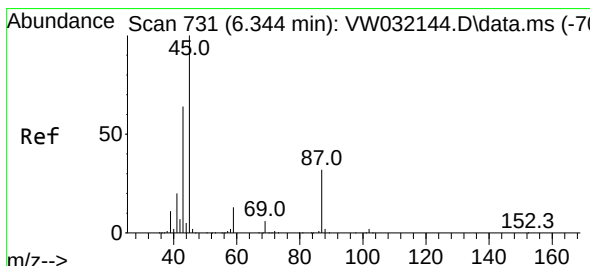
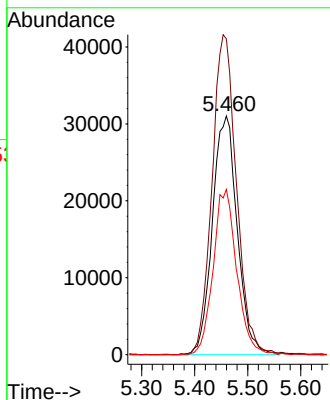
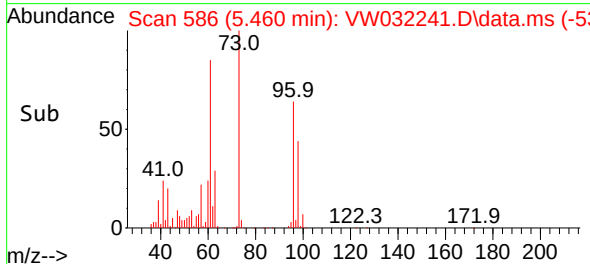
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 100969
Ion Ratio Lower Upper
96 100
61 132.3 112.5 168.7
98 69.2 54.2 81.4

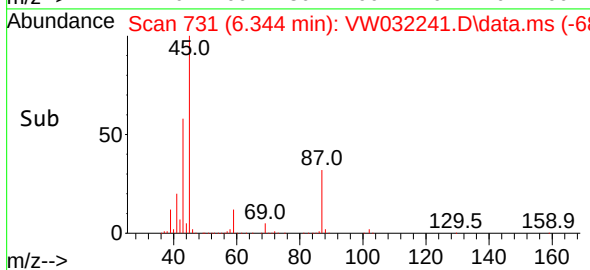
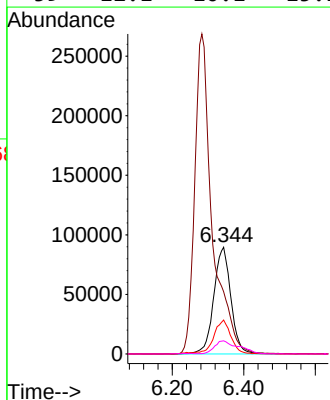
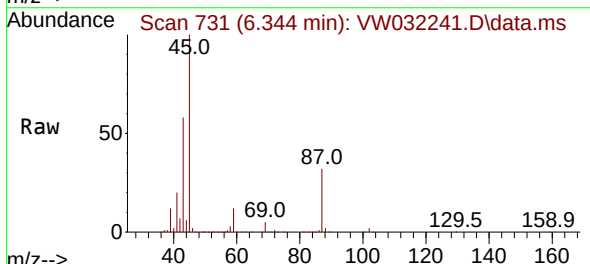
Manual Integrations
APPROVED

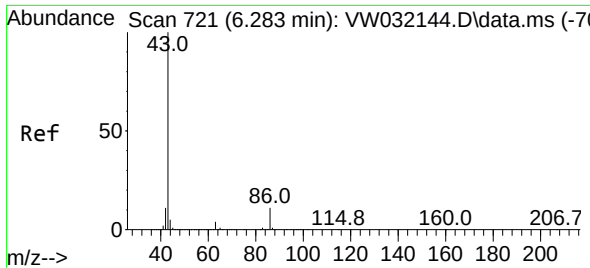
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#22
Diisopropyl ether
Concen: 57.180 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

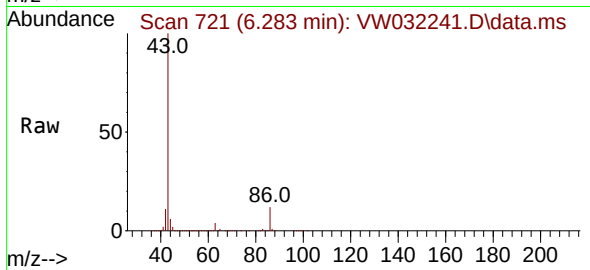
Tgt Ion: 45 Resp: 297735
Ion Ratio Lower Upper
45 100
43 58.0 51.4 77.2
87 31.7 25.9 38.9
59 12.1 10.1 15.1





#23
 Vinyl Acetate
 Concen: 257.319 ug/l
 RT: 6.283 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59

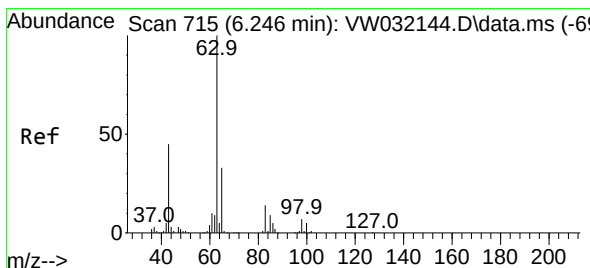
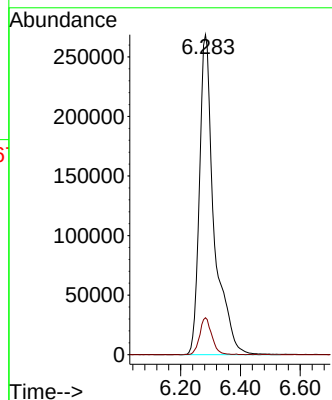
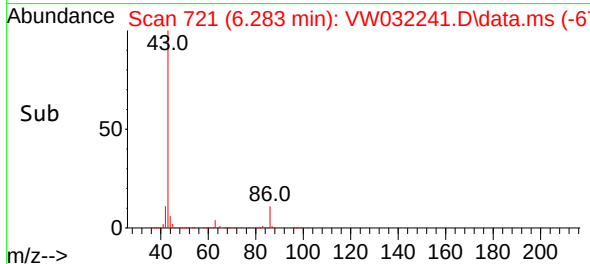
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050



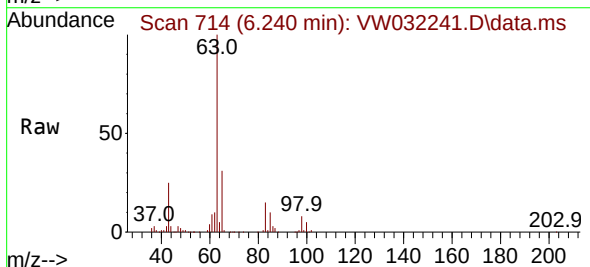
Tgt Ion: 43 Resp: 910958
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.8 13.2

Manual Integrations
 APPROVED

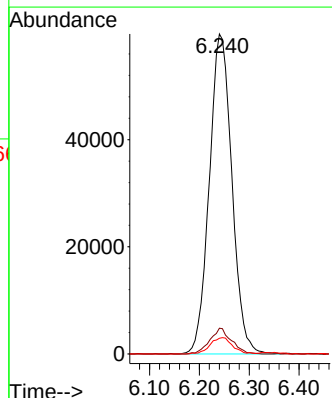
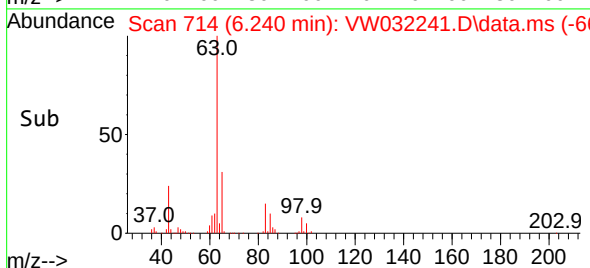
Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025

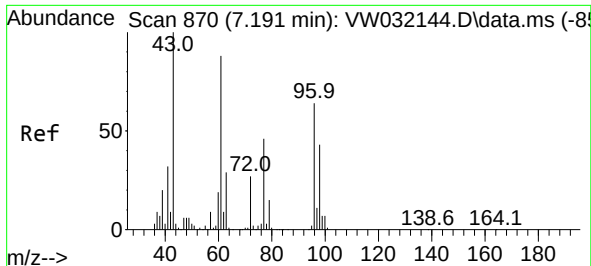


#24
 1,1-Dichloroethane
 Concen: 55.131 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59



Tgt Ion: 63 Resp: 187934
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 4.9 2.5 7.5





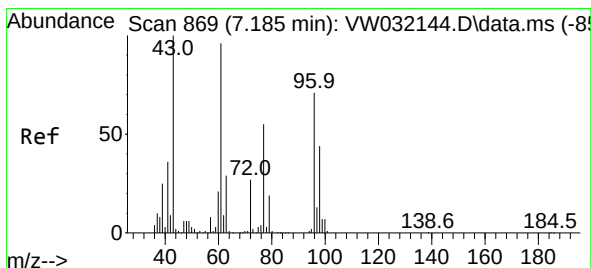
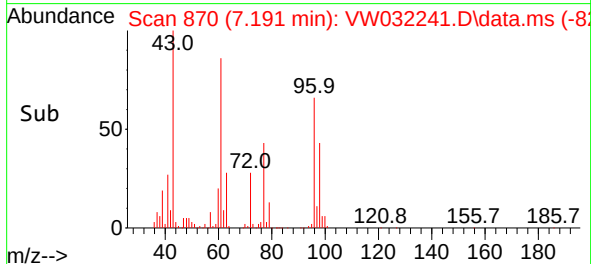
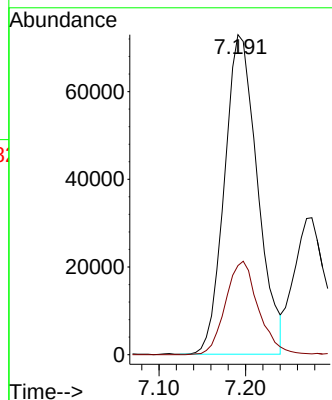
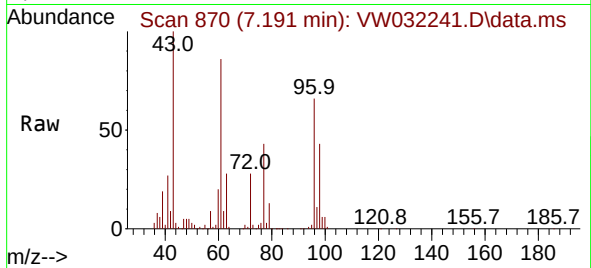
#25
2-Butanone
Concen: 276.147 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 193140
Ion Ratio Lower Upper
43 100
72 27.9 21.4 32.2

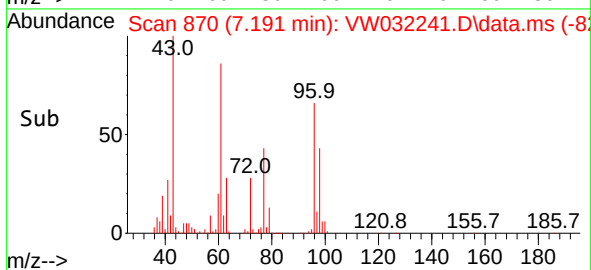
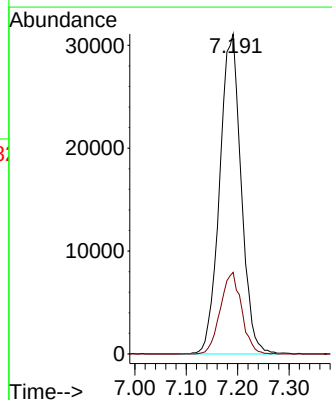
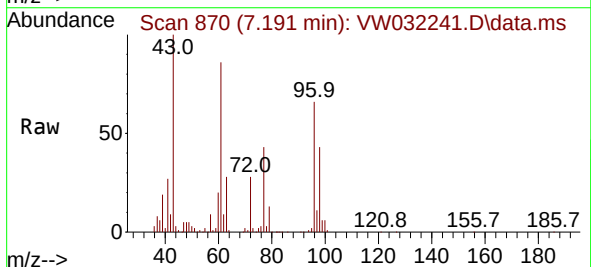
Manual Integrations
APPROVED

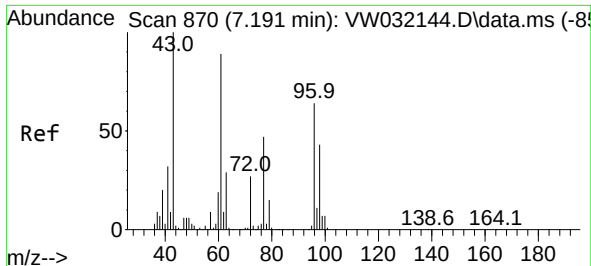
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#26
2,2-Dichloropropane
Concen: 50.059 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 77 Resp: 90367
Ion Ratio Lower Upper
77 100
97 25.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 54.445 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 12465

Ion Ratio Lower Upper

96 100

61 131.6 0.0 268.0

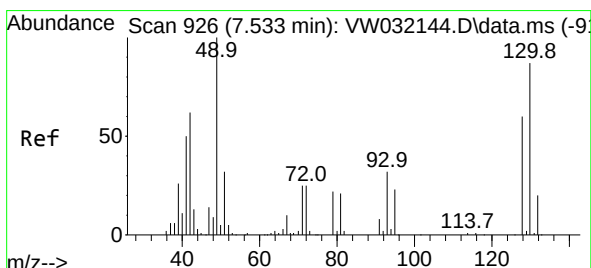
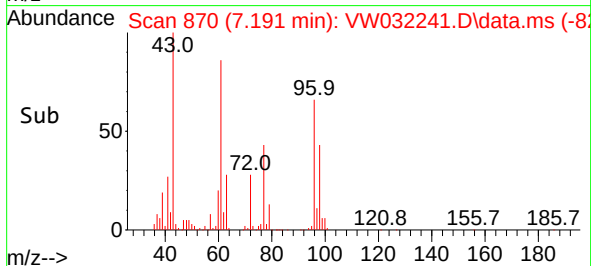
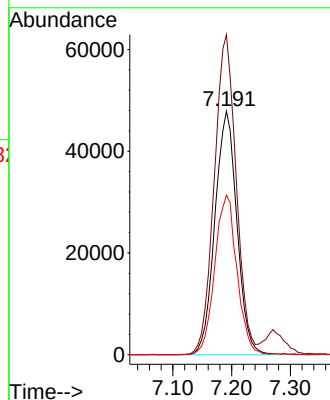
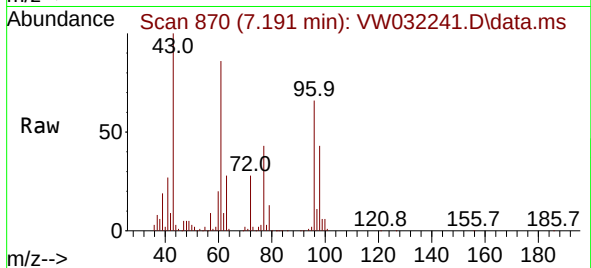
98 65.9 0.0 130.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#28

Bromochloromethane

Concen: 57.881 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

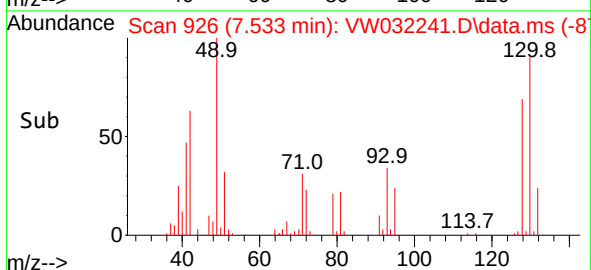
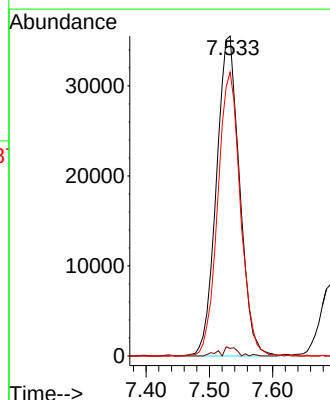
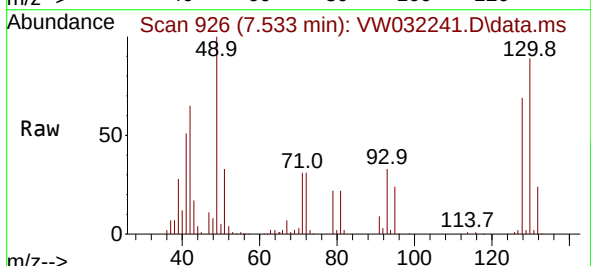
Tgt Ion: 49 Resp: 90321

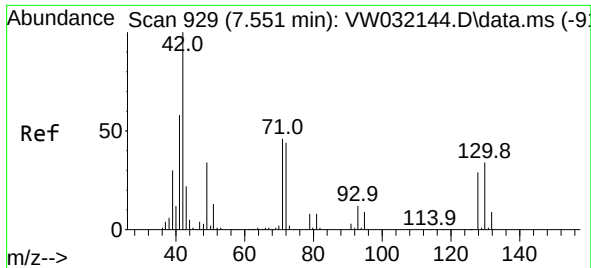
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

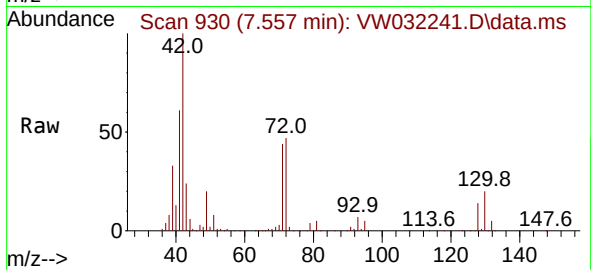
130 86.8 67.5 101.3





#29
Tetrahydrofuran
Concen: 284.070 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

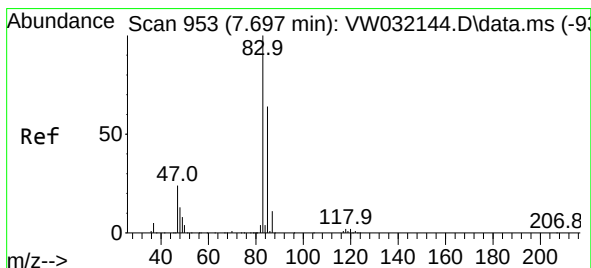
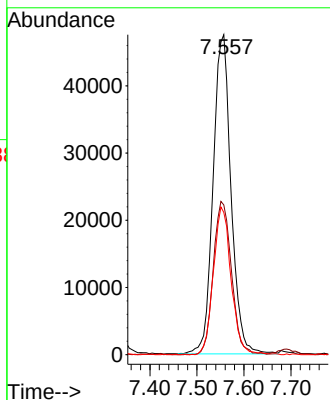
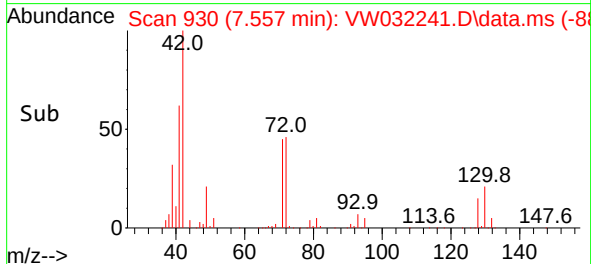
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 12625
Ion Ratio Lower Upper
42 100
72 48.7 37.4 56.2
71 45.9 36.0 54.0

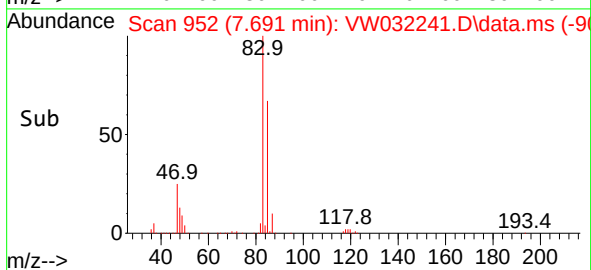
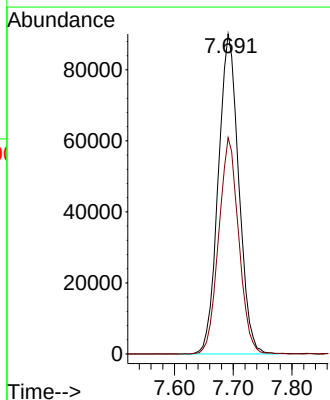
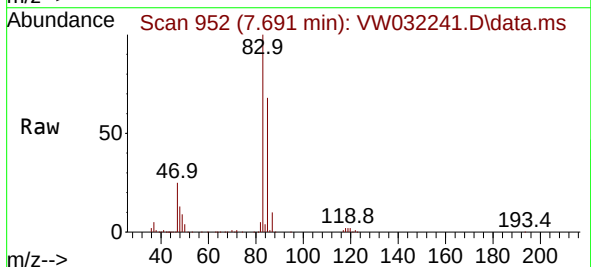
Manual Integrations
APPROVED

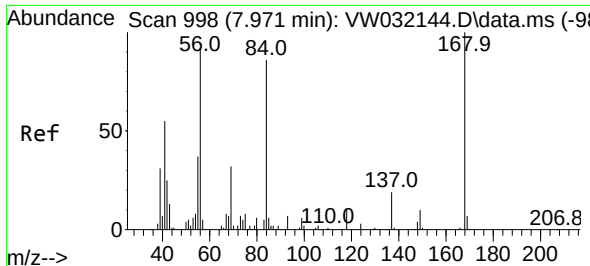
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#30
Chloroform
Concen: 55.991 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

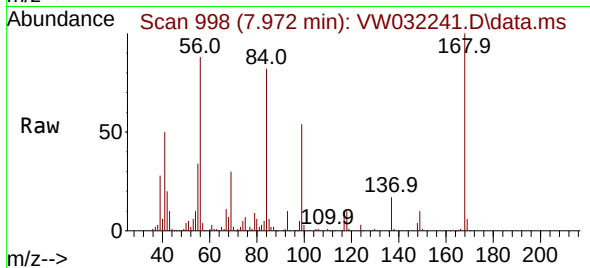
Tgt Ion: 83 Resp: 217916
Ion Ratio Lower Upper
83 100
85 67.6 51.2 76.8





#31
Cyclohexane
Concen: 46.256 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

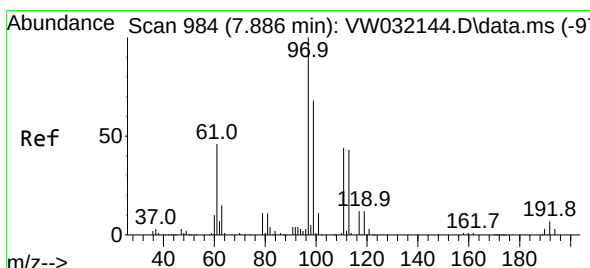
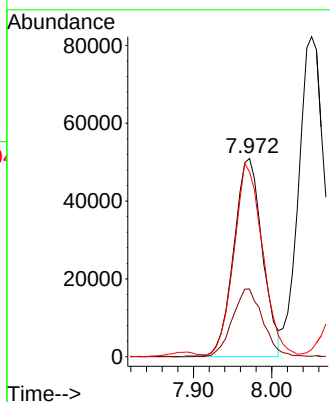
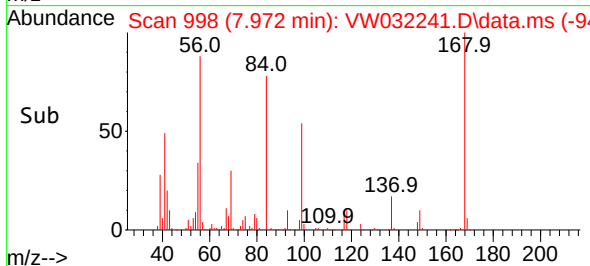
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 129420
Ion Ratio Lower Upper
56 100
69 34.1 27.7 41.5
84 90.9 74.6 112.0

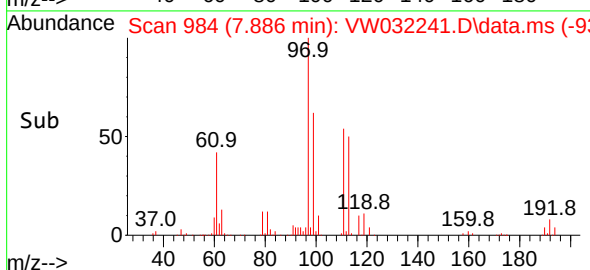
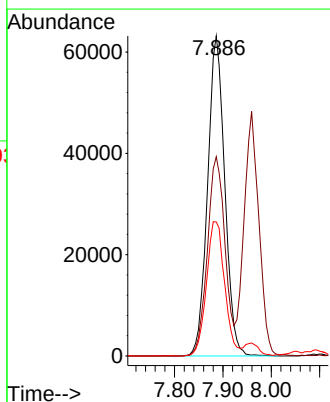
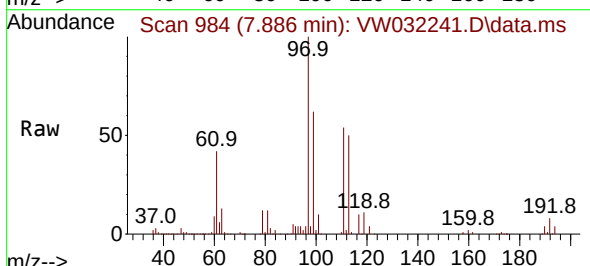
Manual Integrations
APPROVED

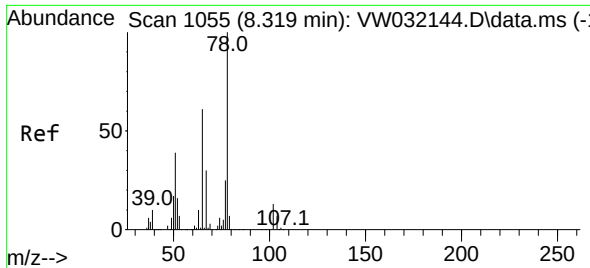
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#32
1,1,1-Trichloroethane
Concen: 54.804 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

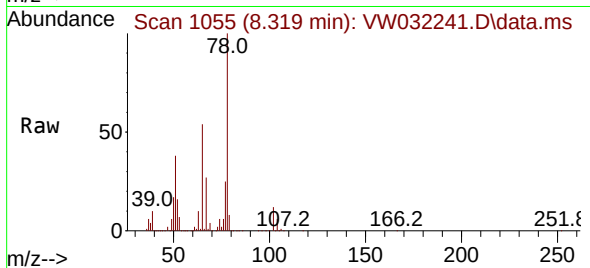
Tgt Ion: 97 Resp: 155704
Ion Ratio Lower Upper
97 100
99 63.8 50.9 76.3
61 44.6 36.2 54.4





#33
 1,2-Dichloroethane-d4
 Concen: 55.644 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59

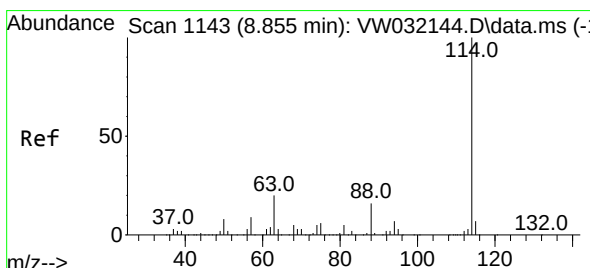
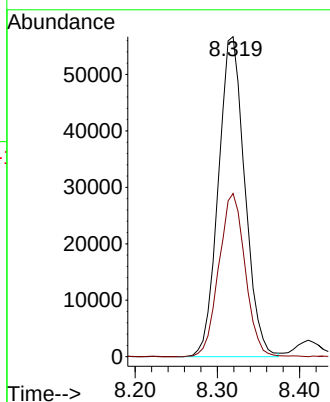
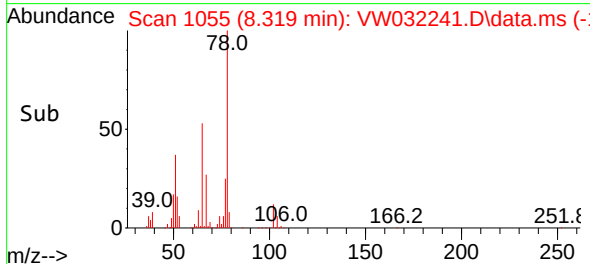
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 65 Resp: 126820
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.6

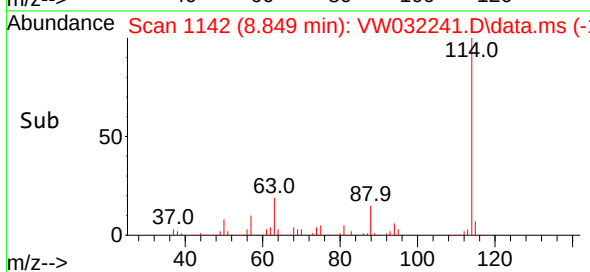
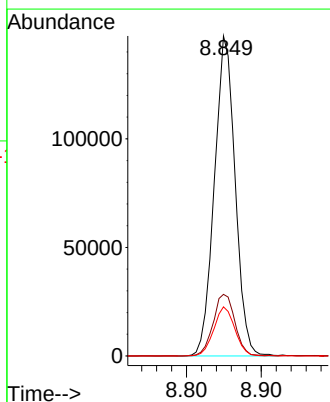
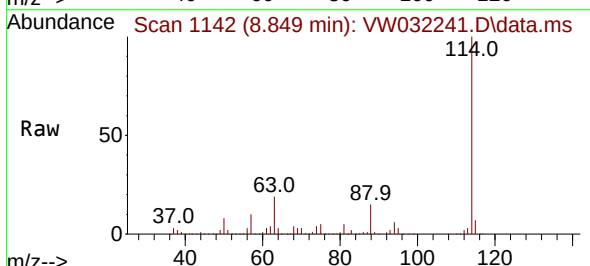
Manual Integrations
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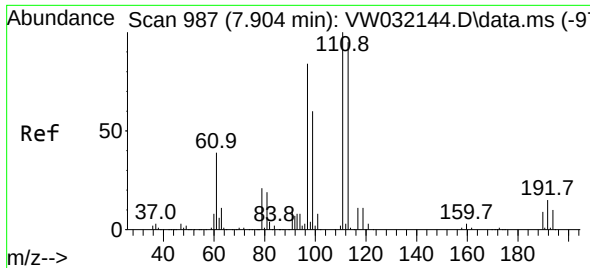
Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59

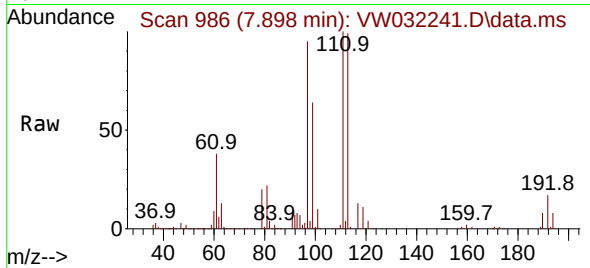
Tgt Ion:114 Resp: 285121
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.4
 88 15.3 0.0 32.0





#35
 Dibromofluoromethane
 Concen: 54.956 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59

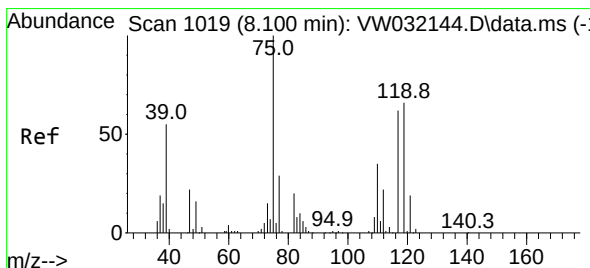
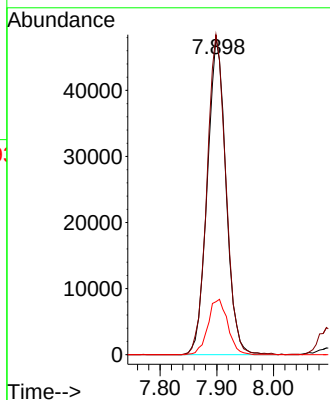
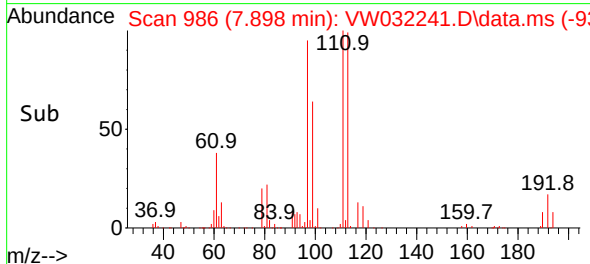
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 113 Resp: 109934
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.9 125.9
 192 18.5 14.6 21.8

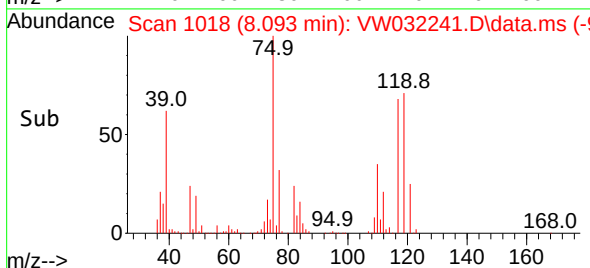
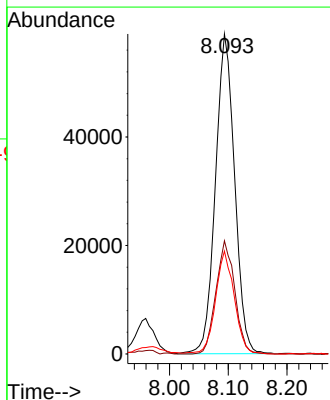
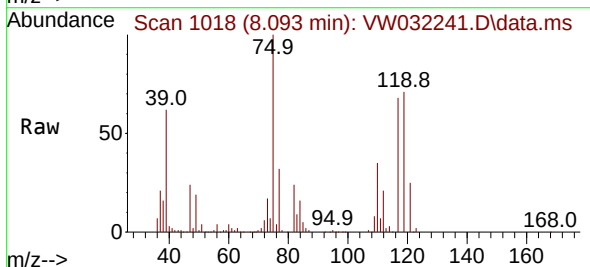
Manual Integrations
 APPROVED

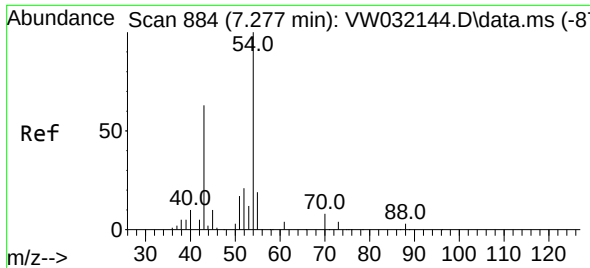
Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025



#36
 1,1-Dichloropropene
 Concen: 51.535 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59

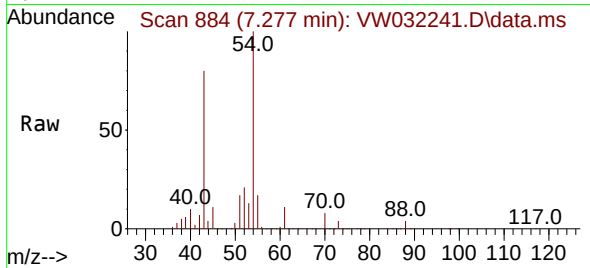
Tgt Ion: 75 Resp: 133665
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.5 52.5
 77 31.5 24.1 36.1





#37
Ethyl Acetate
Concen: 52.826 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

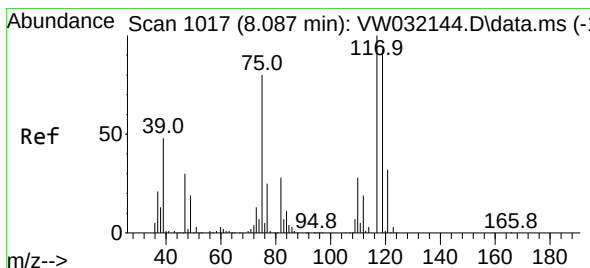
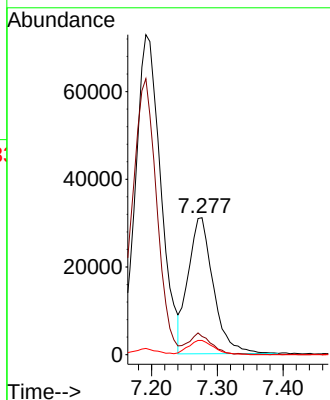
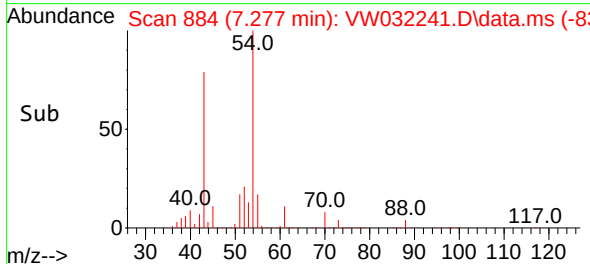
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 8219
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.8 8.9 13.3

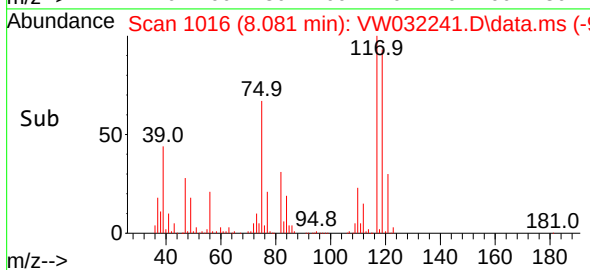
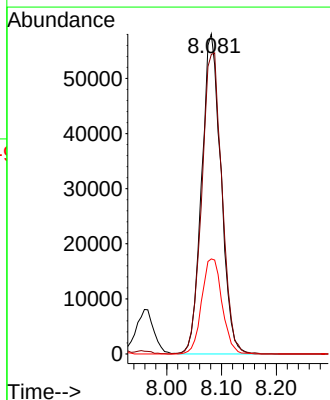
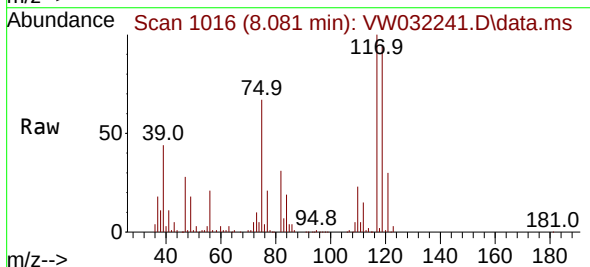
Manual Integrations
APPROVED

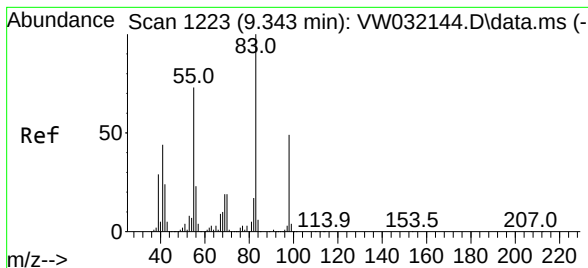
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#38
Carbon Tetrachloride
Concen: 50.993 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

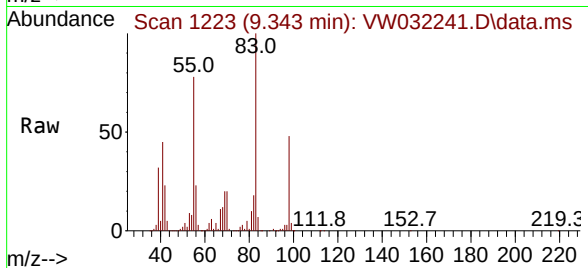
Tgt Ion:117 Resp: 141782
Ion Ratio Lower Upper
117 100
119 93.6 74.2 111.2
121 29.7 25.6 38.4





#39
Methylcyclohexane
Concen: 48.484 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

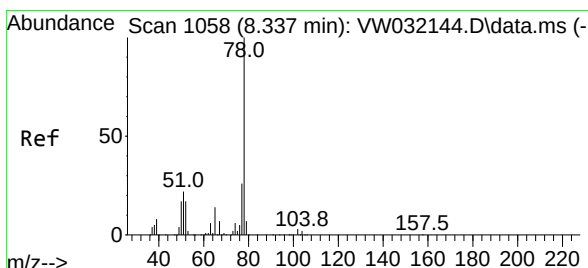
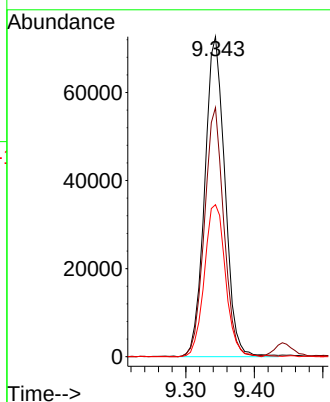
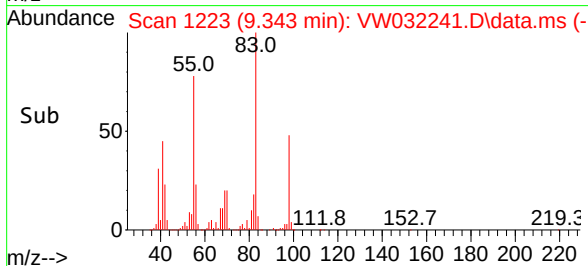
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 14894
Ion Ratio Lower Upper
83 100
55 77.8 58.4 87.6
98 47.5 39.4 59.2

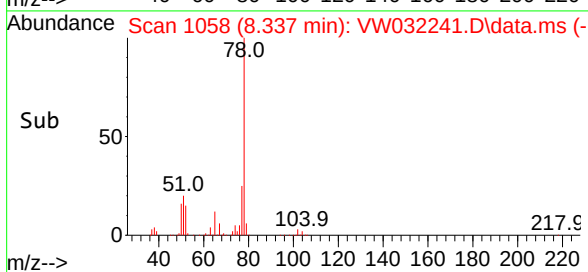
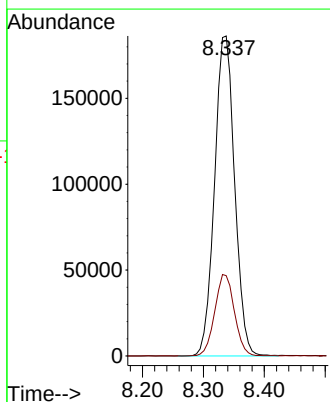
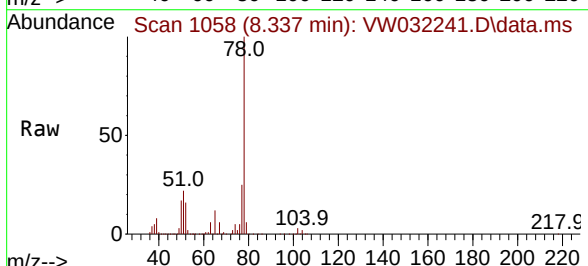
Manual Integrations
APPROVED

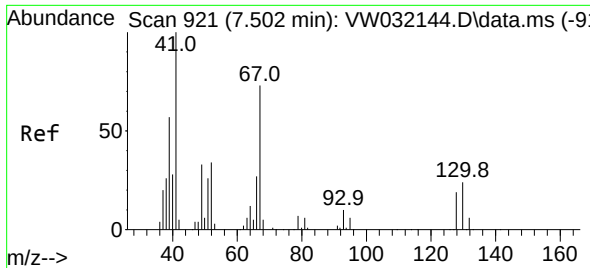
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#40
Benzene
Concen: 53.147 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

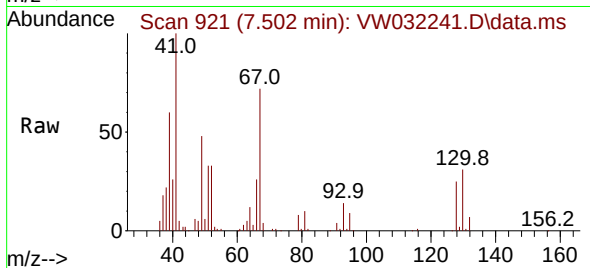
Tgt Ion: 78 Resp: 426097
Ion Ratio Lower Upper
78 100
77 25.1 20.7 31.1





#41
Methacrylonitrile
Concen: 53.025 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

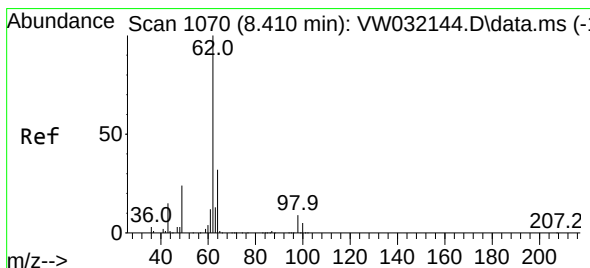
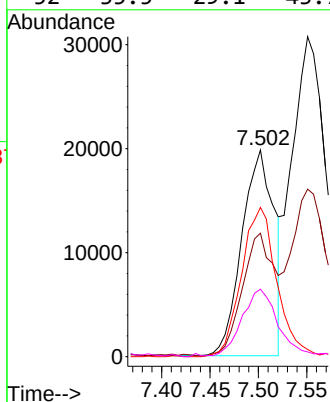
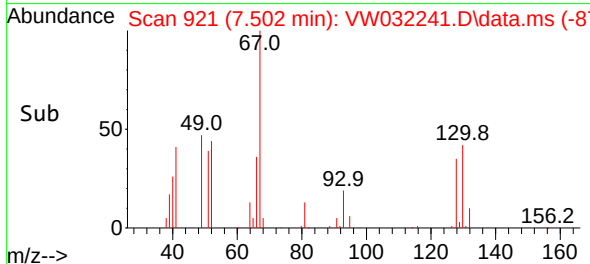
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	4583
Ion Ratio	100	Lower	Upper
39	58.6	50.9	76.3
67	80.0	65.6	98.4
52	35.5	29.1	43.7

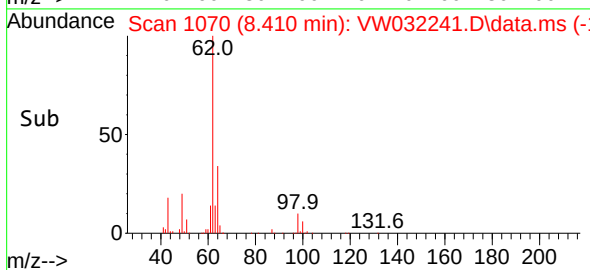
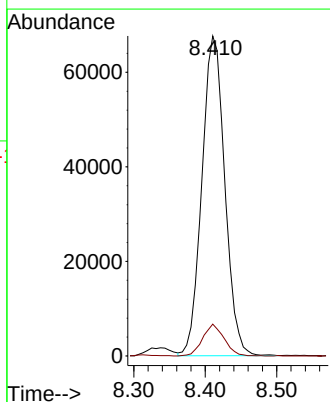
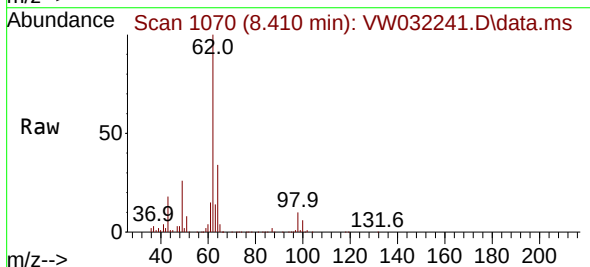
Manual Integrations
APPROVED

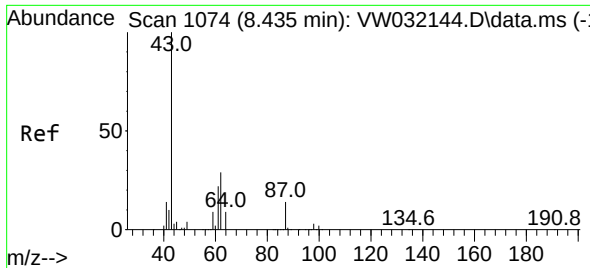
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#42
1,2-Dichloroethane
Concen: 54.171 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

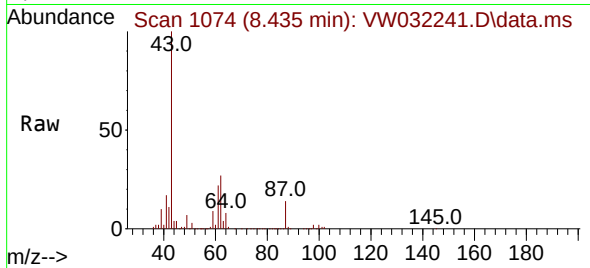
Tgt Ion:	62	Resp:	150558
Ion Ratio	100	Lower	Upper
98	9.3	0.0	18.0





#43
Isopropyl Acetate
Concen: 51.995 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

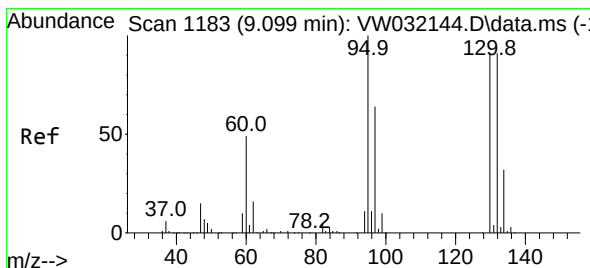
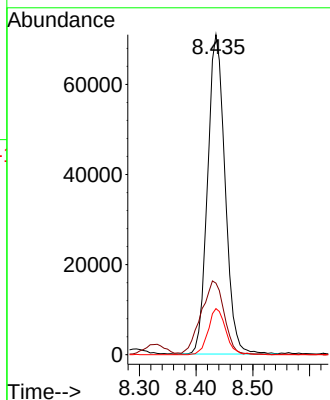
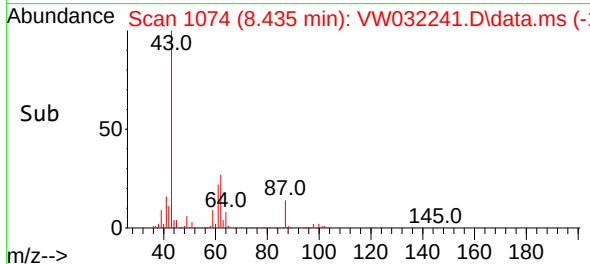
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 151768
Ion Ratio Lower Upper
43 100
61 30.2 23.3 34.9
87 14.5 11.1 16.7

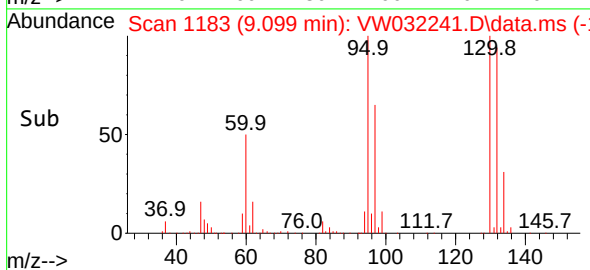
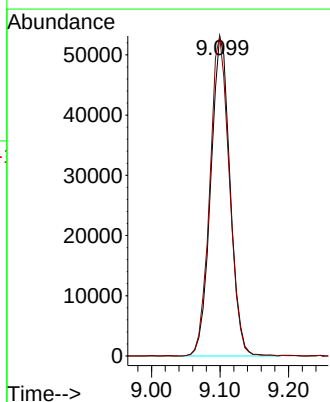
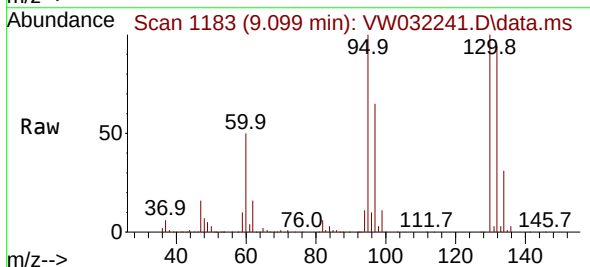
Manual Integrations
APPROVED

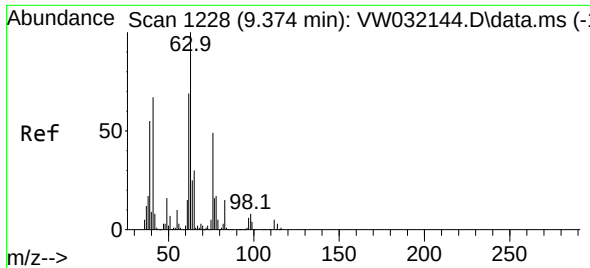
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#44
Trichloroethene
Concen: 51.462 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

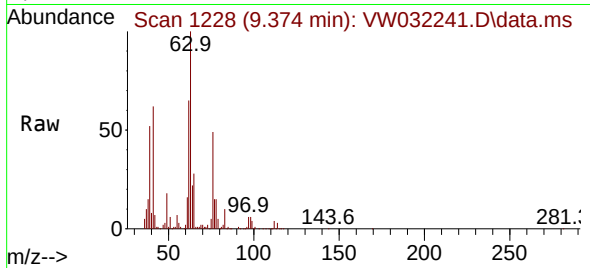
Tgt Ion:130 Resp: 103757
Ion Ratio Lower Upper
130 100
95 100.0 0.0 220.0





#45
1,2-Dichloropropane
Concen: 55.313 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

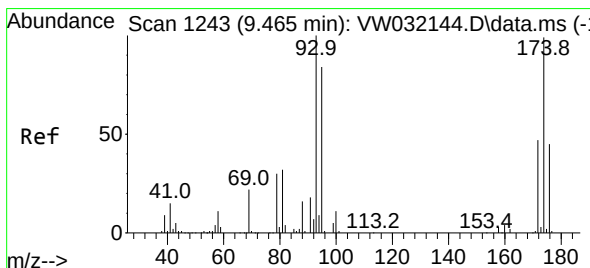
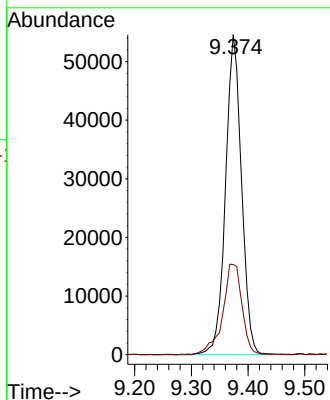
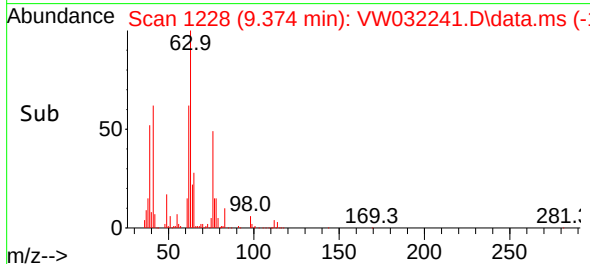
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 10690
Ion Ratio Lower Upper
63 100
65 28.2 24.3 36.5

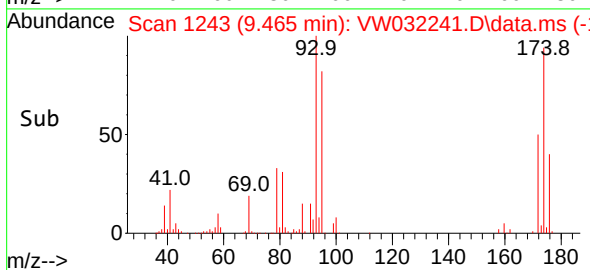
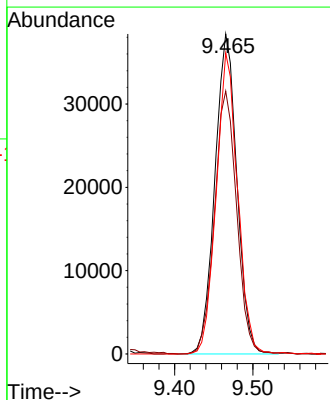
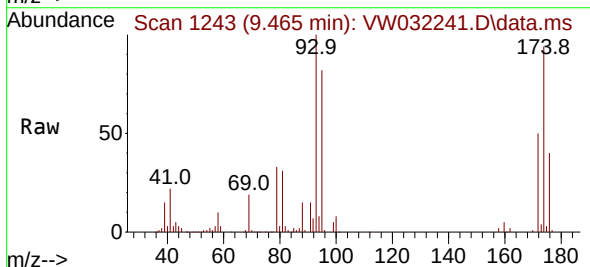
Manual Integrations
APPROVED

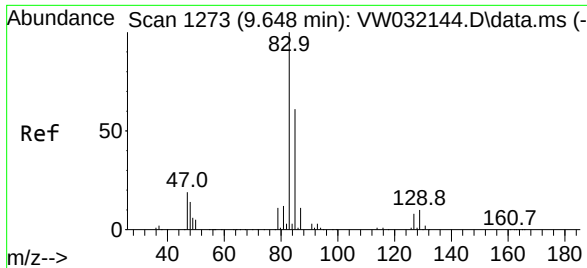
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#46
Dibromomethane
Concen: 55.381 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

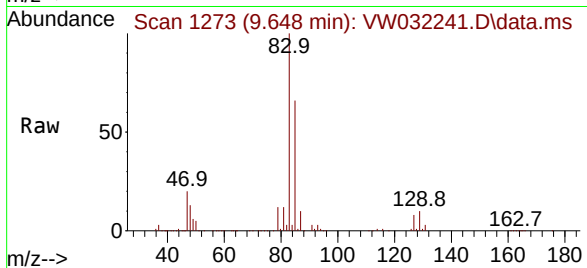
Tgt Ion: 93 Resp: 75073
Ion Ratio Lower Upper
93 100
95 82.6 67.4 101.2
174 91.3 75.7 113.5





#47
Bromodichloromethane
Concen: 55.409 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

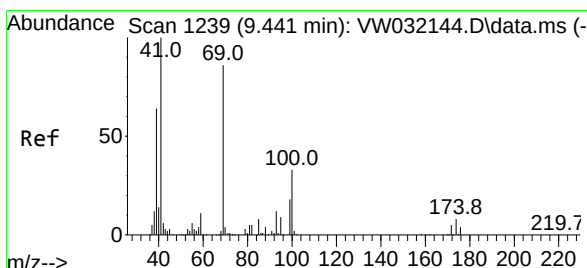
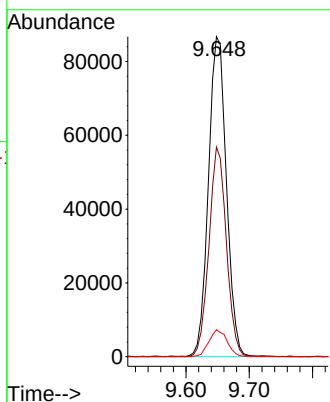
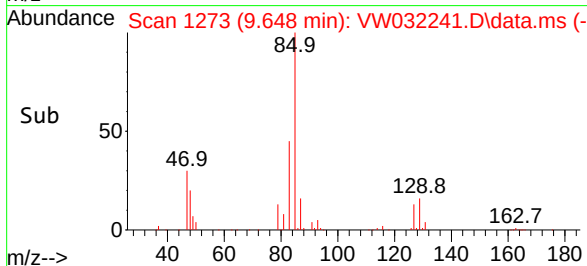
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 170688
Ion Ratio Lower Upper
83 100
85 65.6 48.7 73.1
127 8.4 6.4 9.6

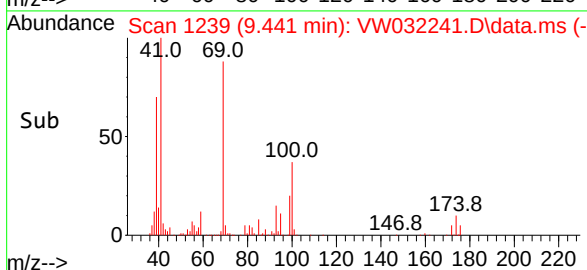
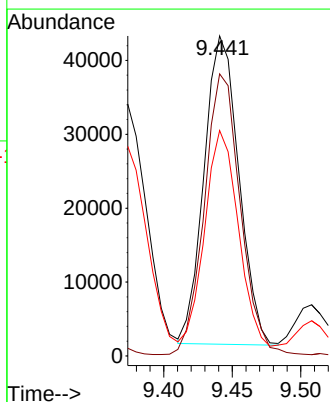
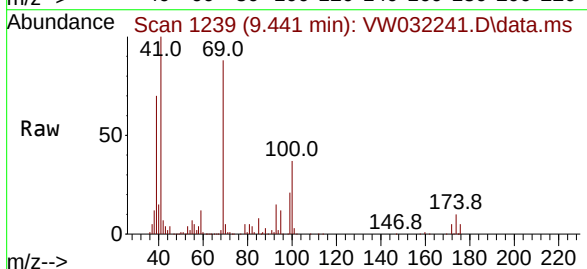
Manual Integrations
APPROVED

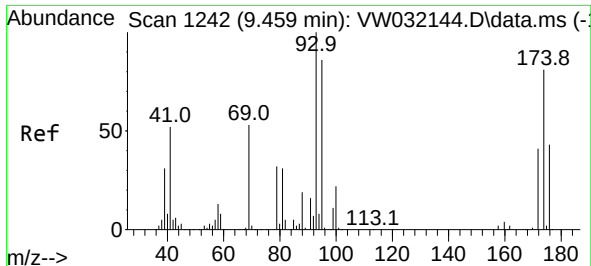
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#48
Methyl methacrylate
Concen: 54.816 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 41 Resp: 73737
Ion Ratio Lower Upper
41 100
69 94.5 71.5 107.3
39 73.4 55.9 83.9





#49

1,4-Dioxane

Concen: 1173.130 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

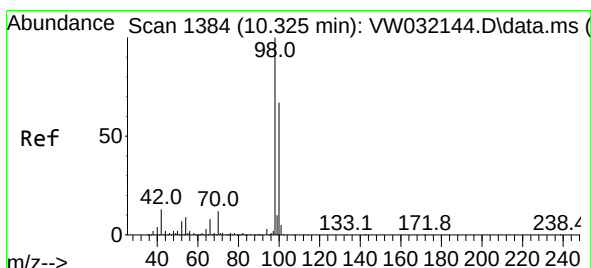
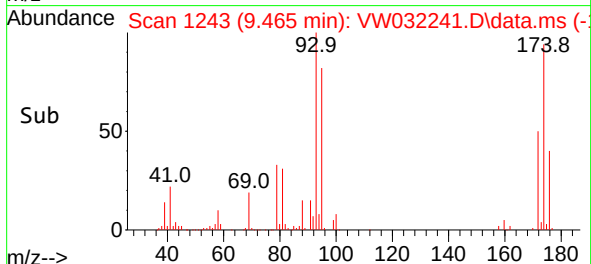
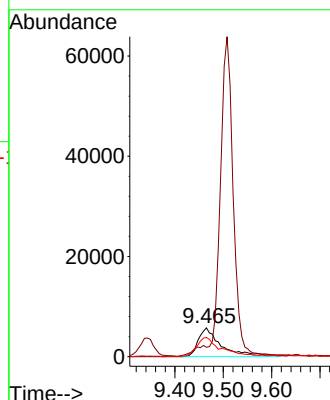
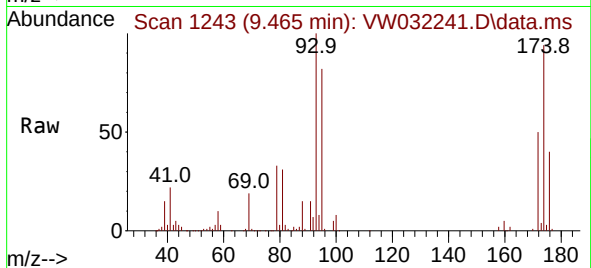
VSTDCCC050

Tgt Ion:	88	Resp:	19214
Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.0	27.0
58	69.1	55.4	83.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#50

Toluene-d8

Concen: 53.487 ug/l

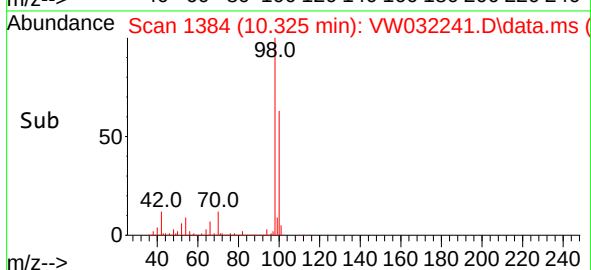
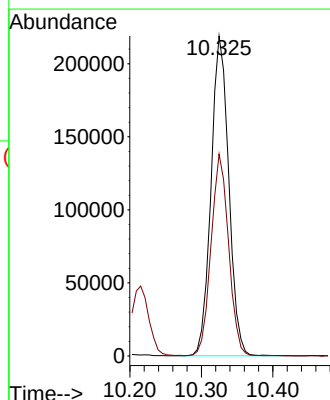
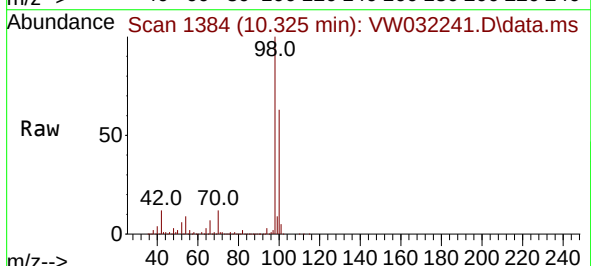
RT: 10.325 min Scan# 1384

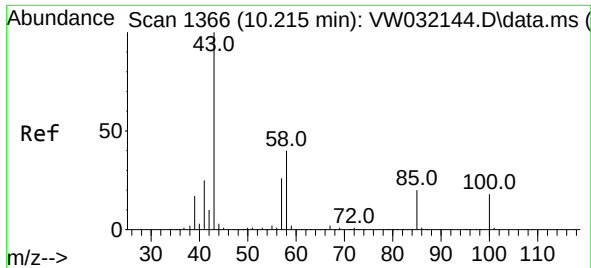
Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Tgt Ion:	98	Resp:	375602
Ion	Ratio	Lower	Upper
98	100		
100	62.5	51.4	77.2





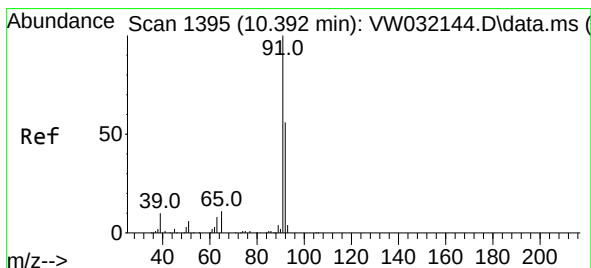
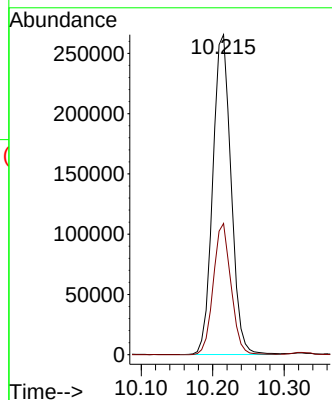
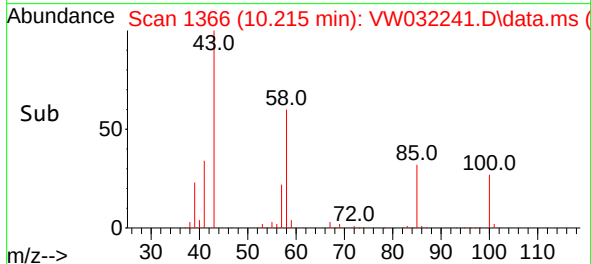
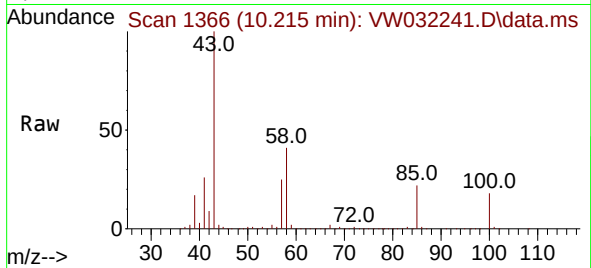
#51
4-Methyl-2-Pentanone
Concen: 286.239 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 47177
Ion Ratio Lower Upper
43 100
58 39.6 32.0 48.0

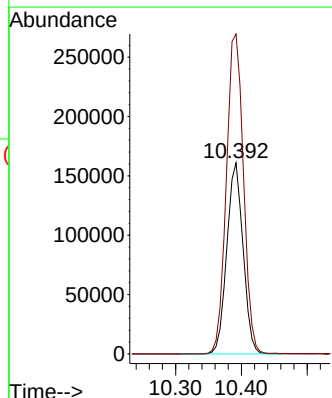
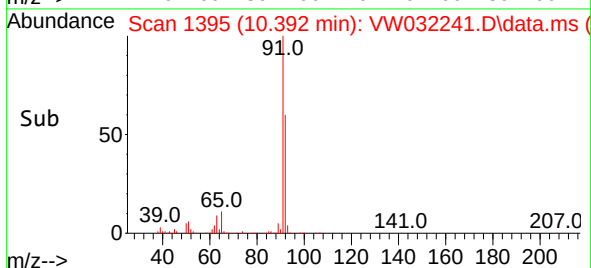
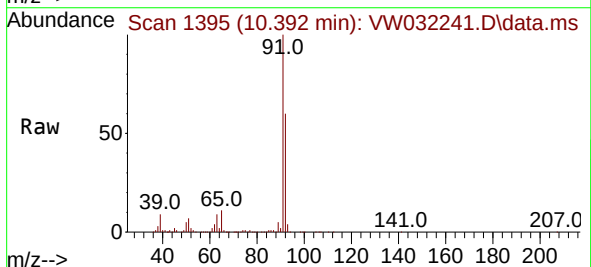
Manual Integrations
APPROVED

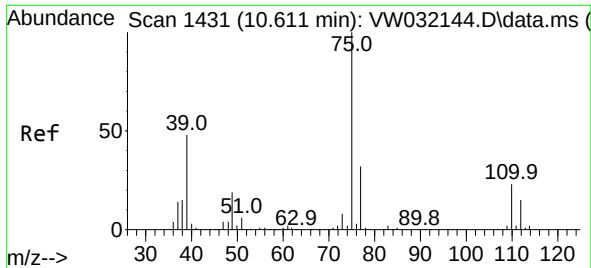
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#52
Toluene
Concen: 52.868 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

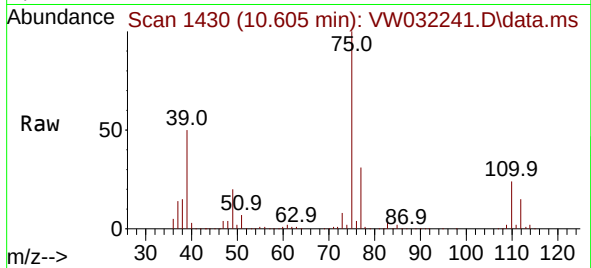
Tgt Ion: 92 Resp: 276980
Ion Ratio Lower Upper
92 100
91 176.3 137.5 206.3





#53
t-1,3-Dichloropropene
Concen: 52.661 ug/l
RT: 10.605 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

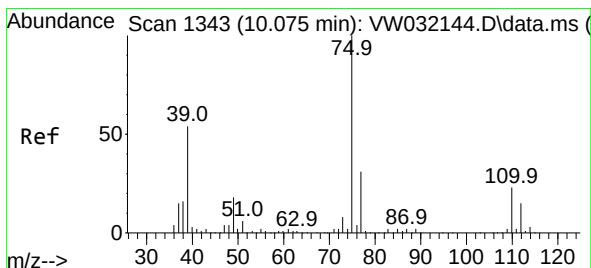
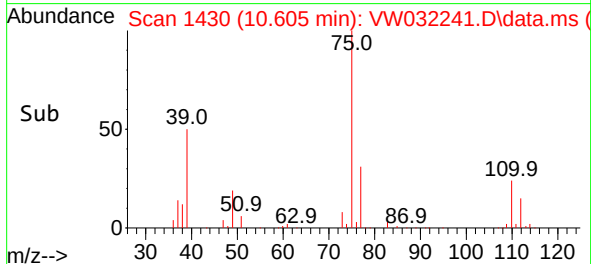
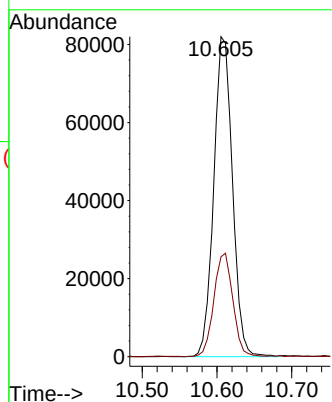
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 143109
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

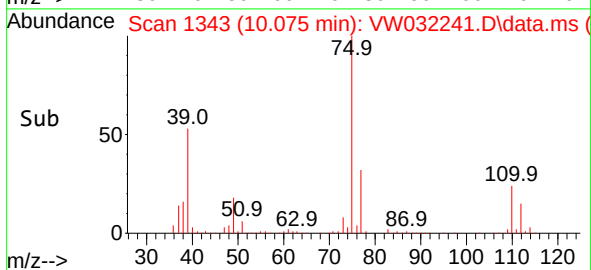
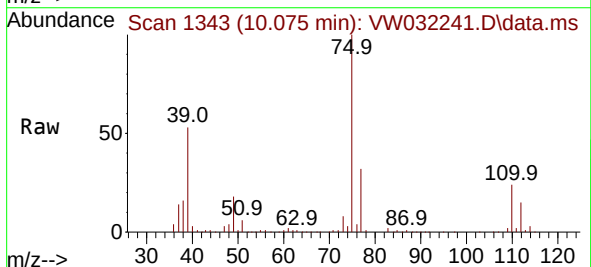
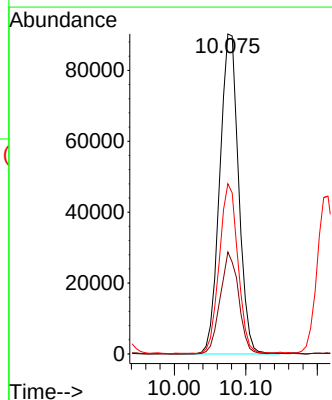
Manual Integrations
APPROVED

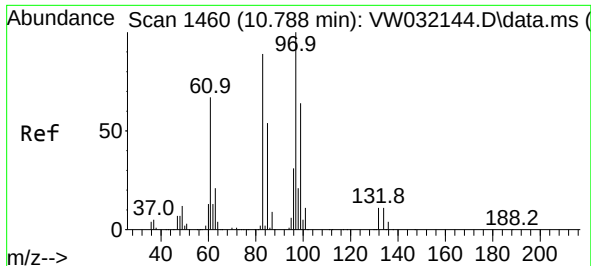
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#54
cis-1,3-Dichloropropene
Concen: 53.380 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 75 Resp: 165518
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
39 53.0 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 56.440 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 9948

Ion Ratio Lower Upper

97 100

83 84.6 71.0 106.6

85 54.7 42.8 64.2

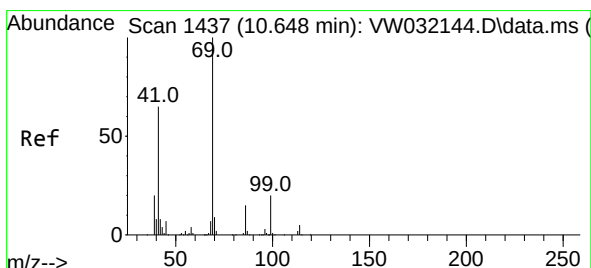
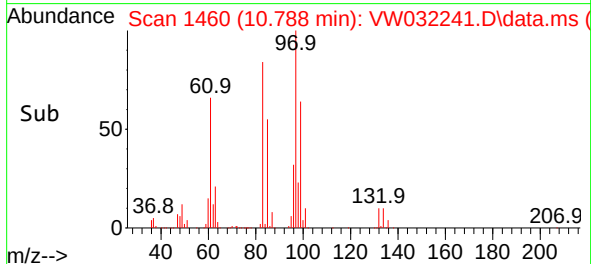
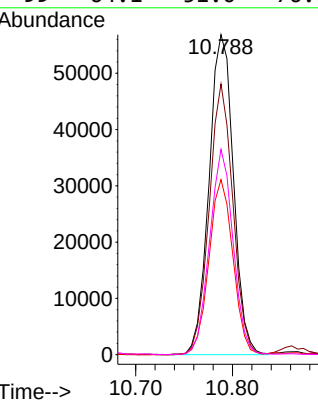
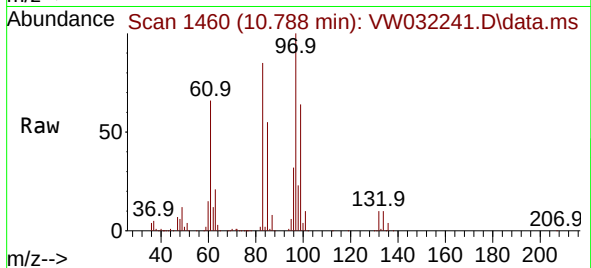
99 64.1 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#56

Ethyl methacrylate

Concen: 55.068 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

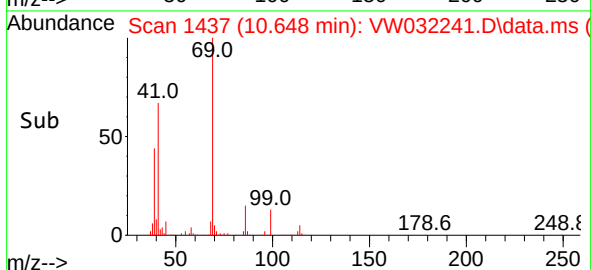
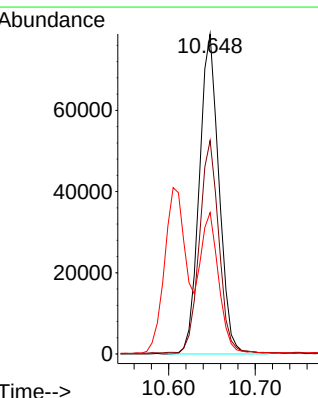
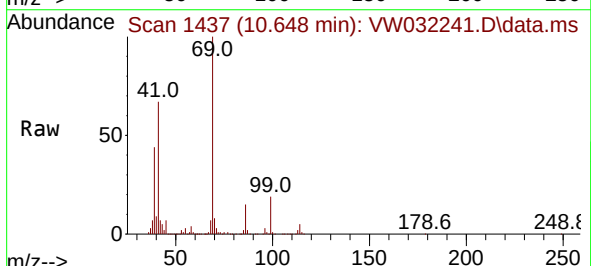
Tgt Ion: 69 Resp: 124101

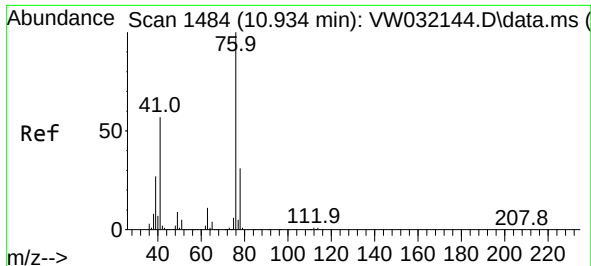
Ion Ratio Lower Upper

69 100

41 67.0 53.2 79.8

39 40.7 32.9 49.3





#57

1,3-Dichloropropane

Concen: 54.977 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 162268

Ion Ratio Lower Upper

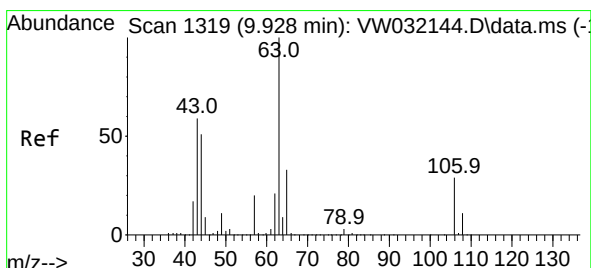
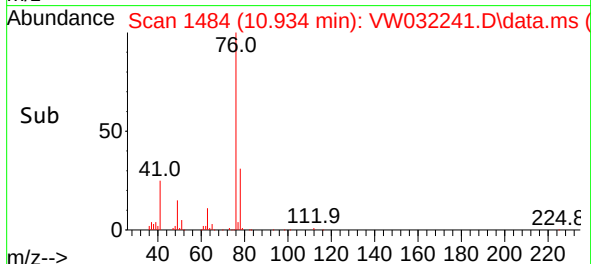
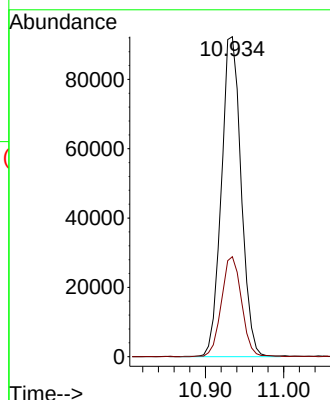
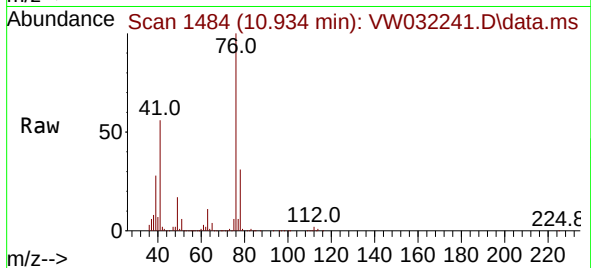
76 100

78 31.8 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 301.308 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032241.D

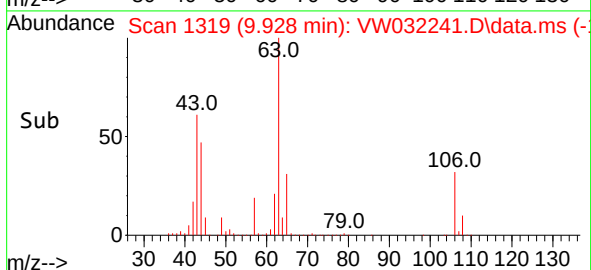
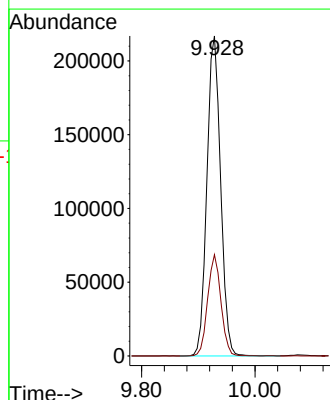
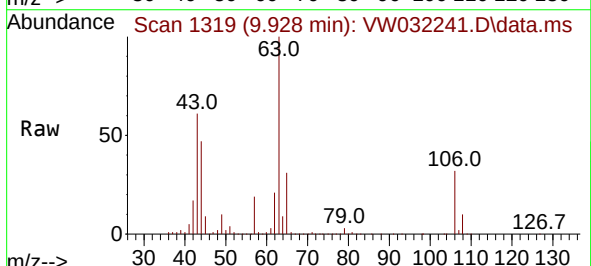
Acq: 24 Sep 2025 12:59

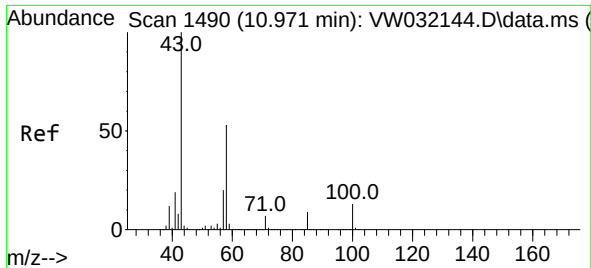
Tgt Ion: 63 Resp: 362434

Ion Ratio Lower Upper

63 100

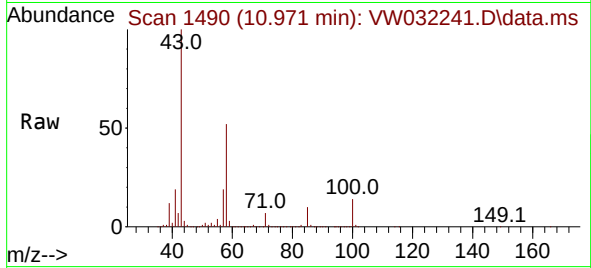
106 30.7 24.3 36.5





#59
2-Hexanone
Concen: 286.998 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

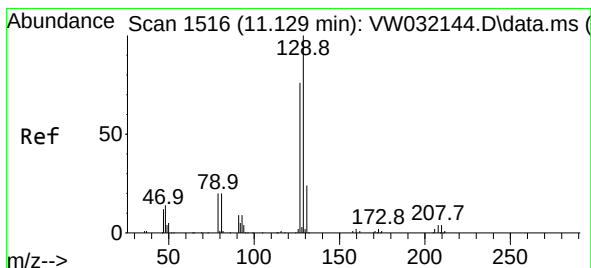
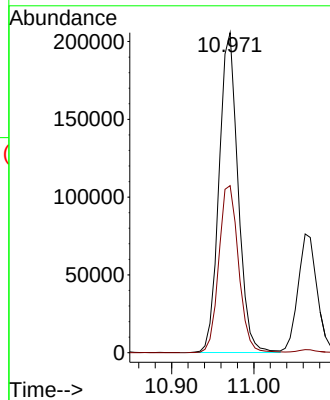
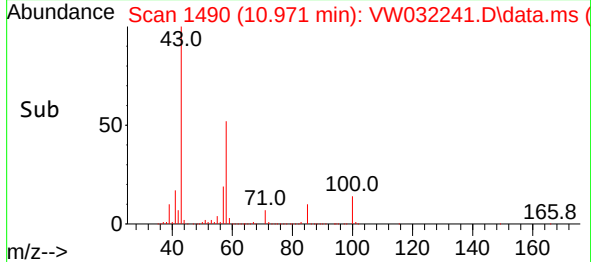
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



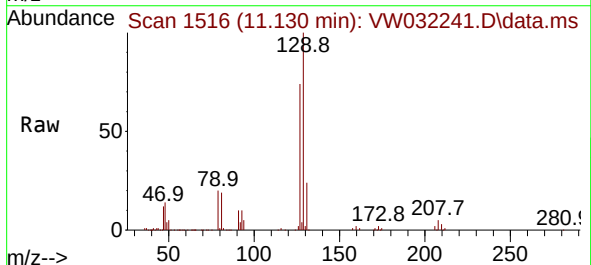
Tgt Ion: 43 Resp: 328975
Ion Ratio Lower Upper
43 100
58 54.5 27.5 82.4

Manual Integrations
APPROVED

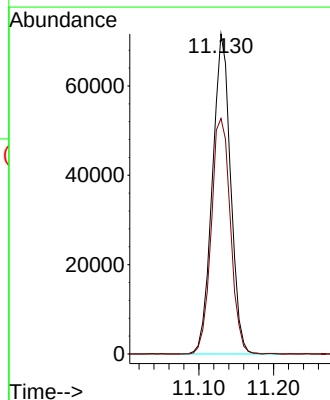
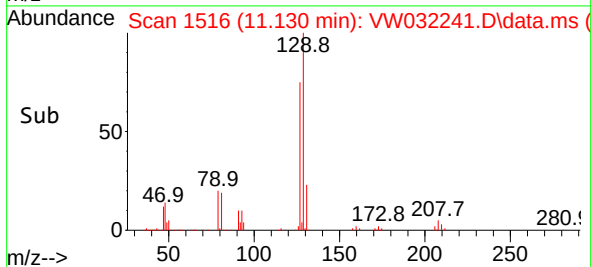
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

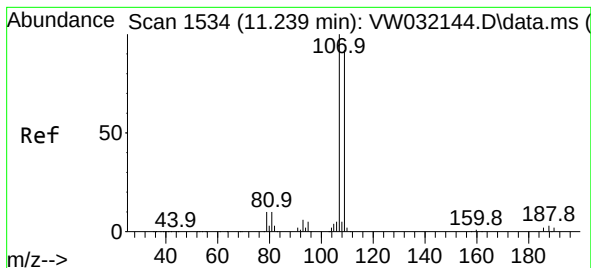


#60
Dibromochloromethane
Concen: 56.950 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59



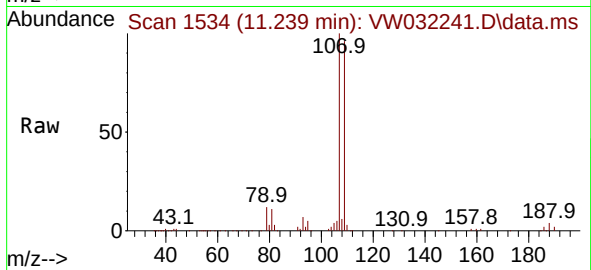
Tgt Ion:129 Resp: 121475
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.5





#61
1,2-Dibromoethane
Concen: 54.500 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

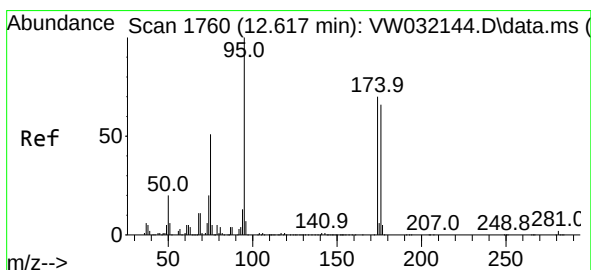
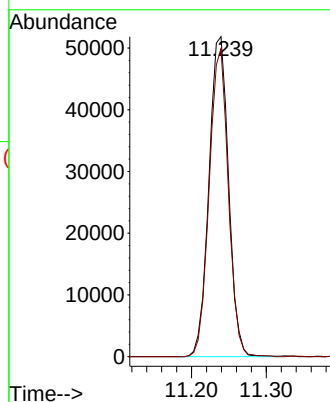
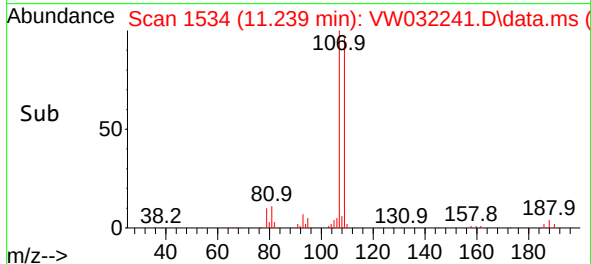
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



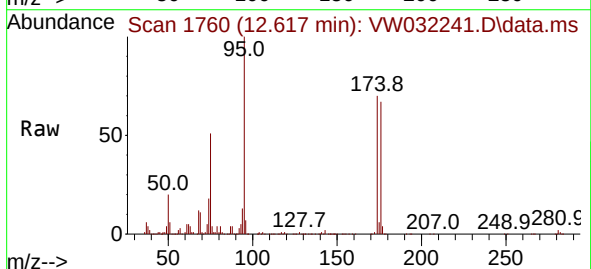
Tgt Ion:107 Resp: 94474
Ion Ratio Lower Upper
107 100
109 93.9 74.5 111.7

Manual Integrations
APPROVED

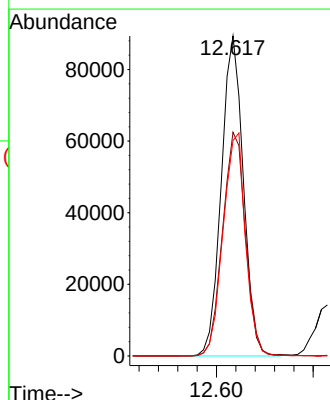
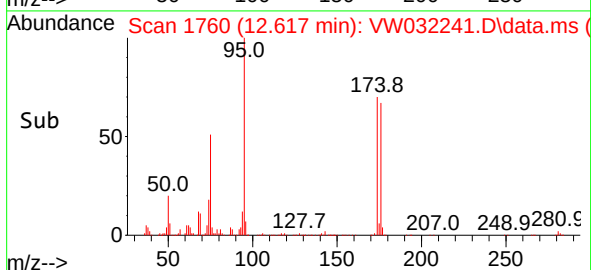
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

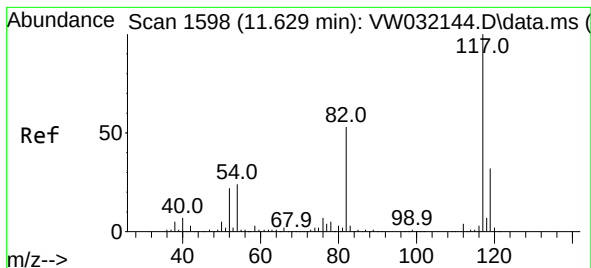


#62
4-Bromofluorobenzene
Concen: 54.134 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59



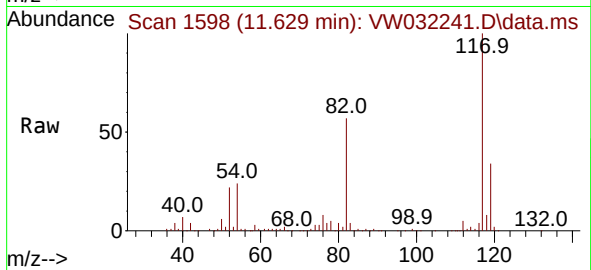
Tgt Ion: 95 Resp: 140573
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.6
176 71.1 0.0 140.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

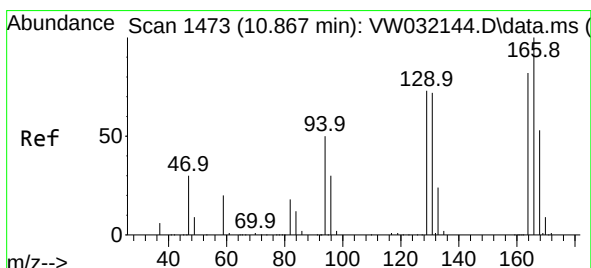
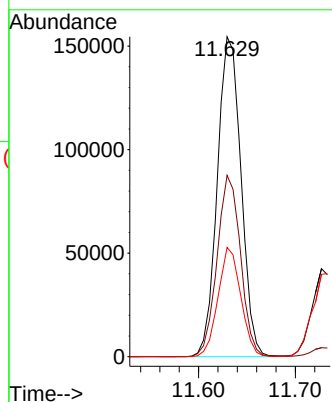
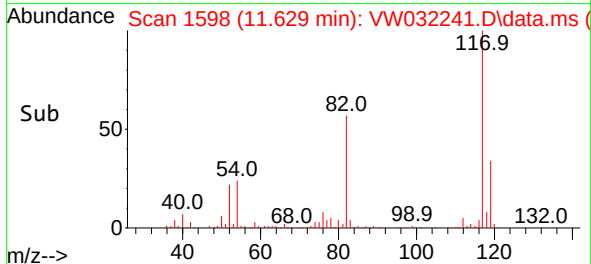
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



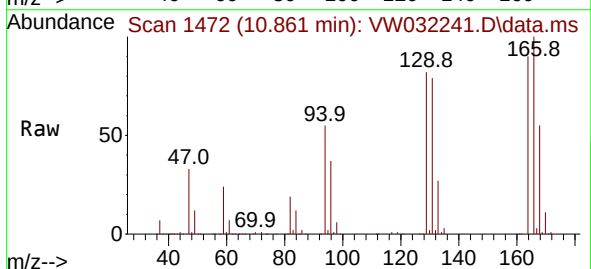
Tgt Ion:117 Resp: 26338
Ion Ratio Lower Upper
117 100
82 56.6 42.7 64.1
119 34.1 25.2 37.8

Manual Integrations
APPROVED

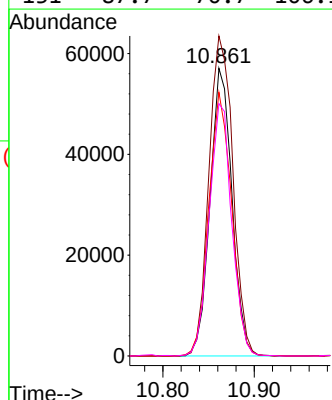
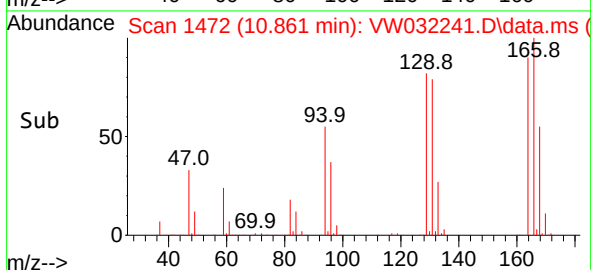
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

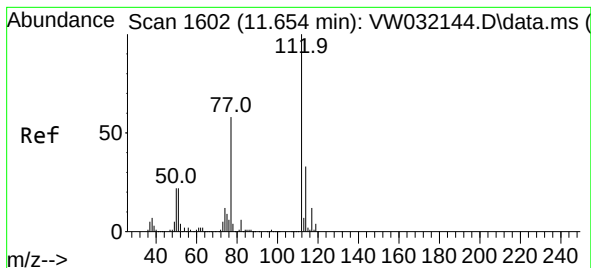


#64
Tetrachloroethene
Concen: 54.852 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59



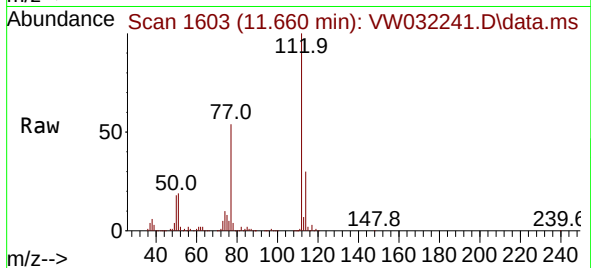
Tgt Ion:164 Resp: 95085
Ion Ratio Lower Upper
164 100
166 111.2 97.5 146.3
129 91.6 71.2 106.8
131 87.7 70.7 106.1





#65
Chlorobenzene
Concen: 54.349 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

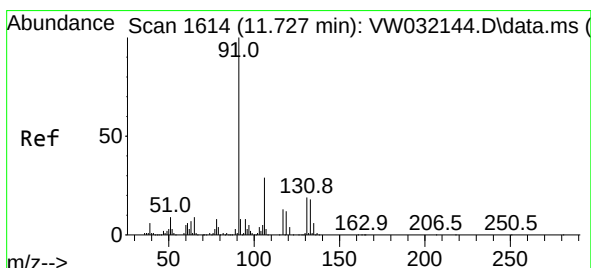
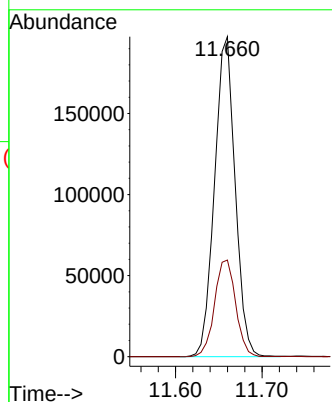
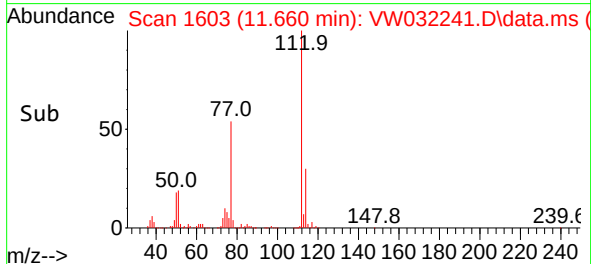
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



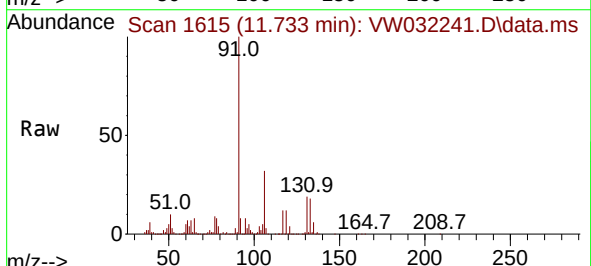
Tgt Ion:112 Resp: 325820
Ion Ratio Lower Upper
112 100
114 30.2 26.0 39.0

Manual Integrations
APPROVED

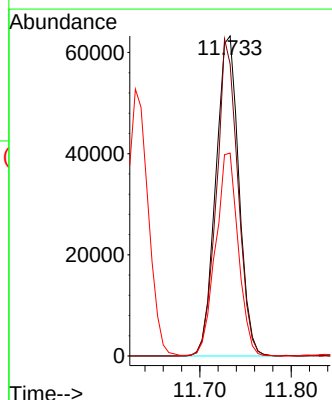
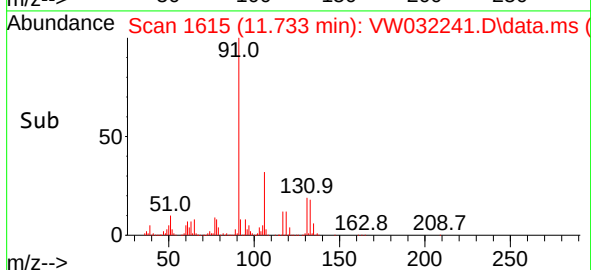
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

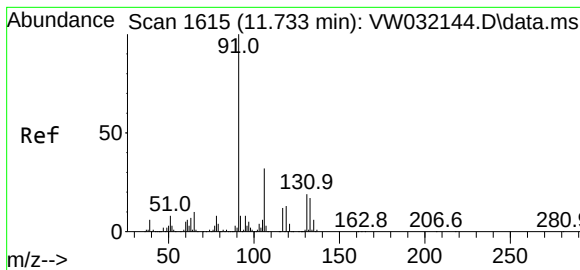


#66
1,1,1,2-Tetrachloroethane
Concen: 56.131 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59



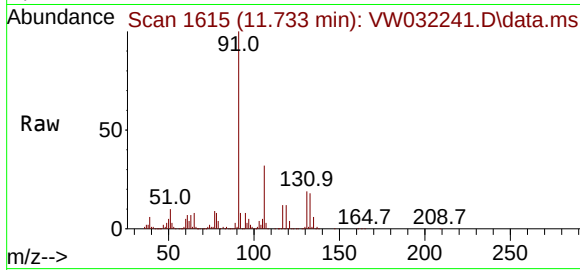
Tgt Ion:131 Resp: 110786
Ion Ratio Lower Upper
131 100
133 92.0 47.7 143.1
119 62.6 32.8 98.3





#67
Ethyl Benzene
Concen: 54.368 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

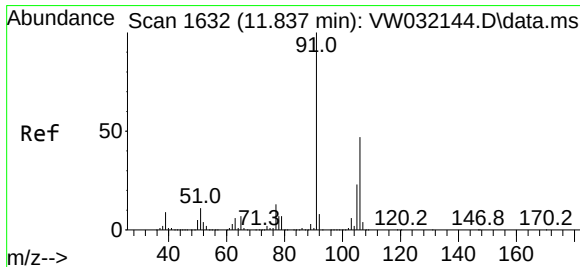
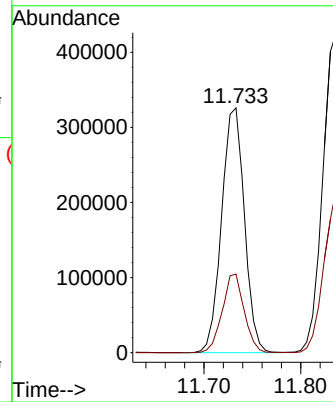
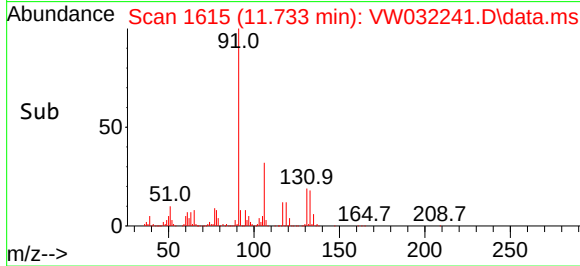
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 534019
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9

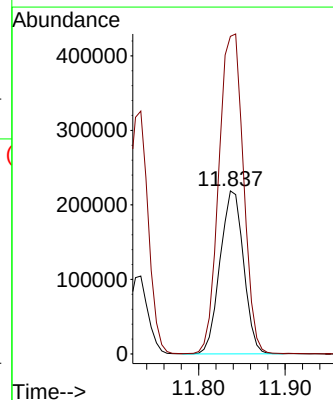
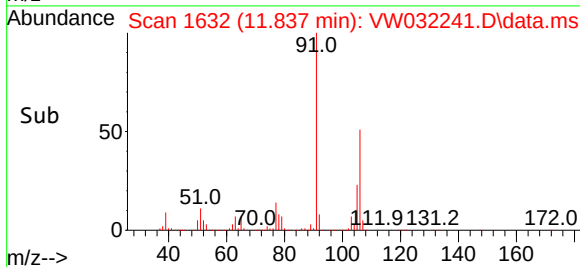
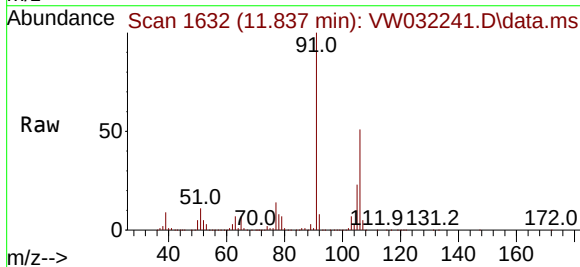
Manual Integrations
APPROVED

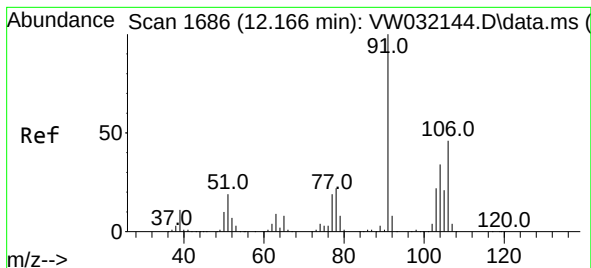
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#68
m/p-Xylenes
Concen: 109.038 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:106 Resp: 412192
Ion Ratio Lower Upper
106 100
91 205.8 164.2 246.2





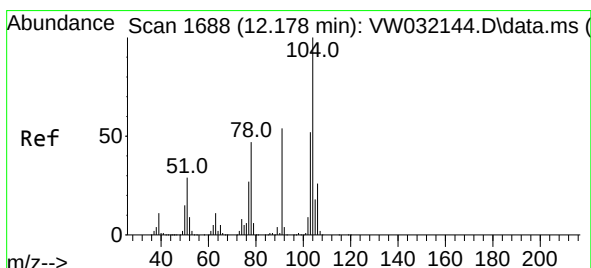
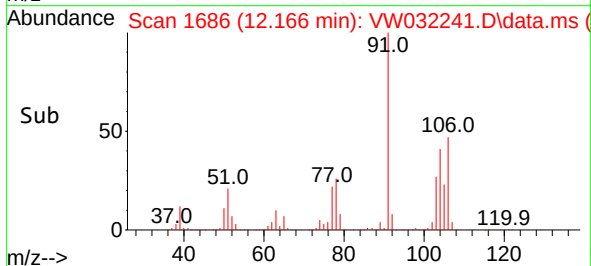
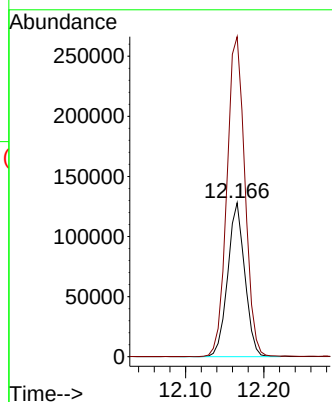
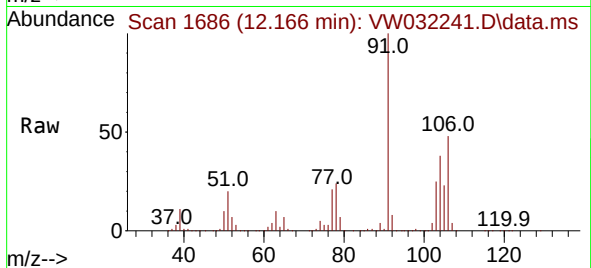
#69
o-Xylene
Concen: 54.277 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 194080
Ion Ratio Lower Upper
106 100
91 219.1 108.7 326.3

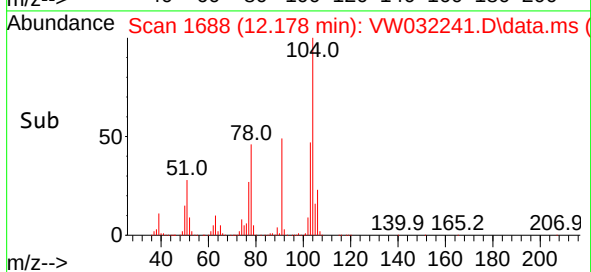
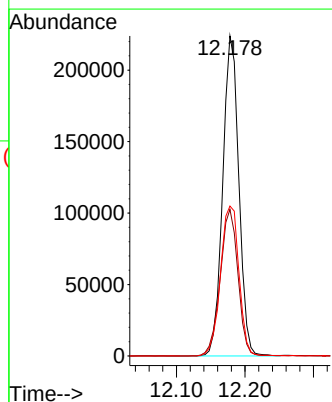
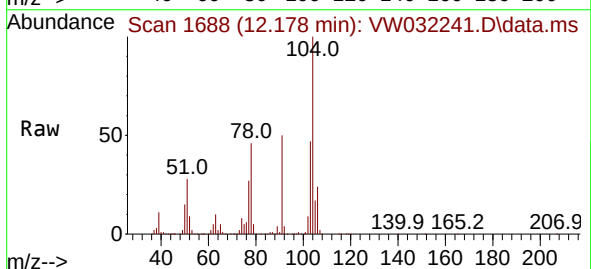
Manual Integrations
APPROVED

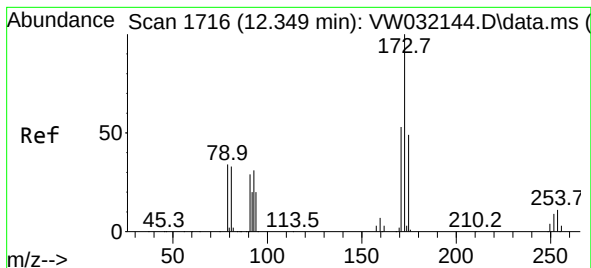
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#70
Styrene
Concen: 57.819 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:104 Resp: 364451
Ion Ratio Lower Upper
104 100
78 50.4 41.6 62.4
103 53.7 44.8 67.2





#71

Bromoform

Concen: 55.101 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

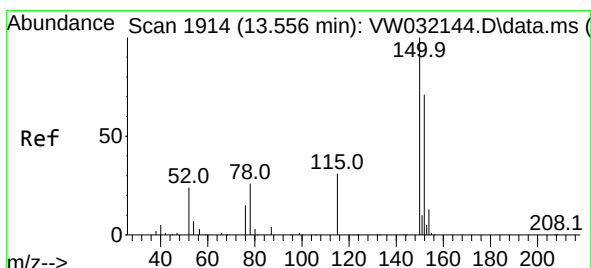
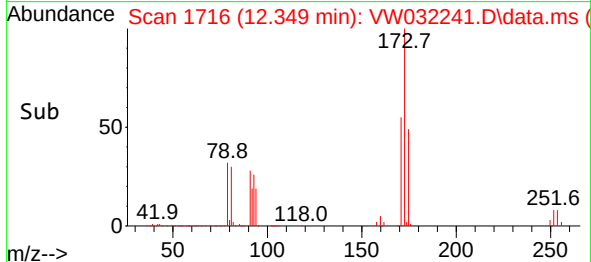
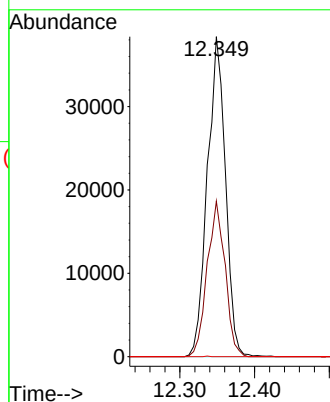
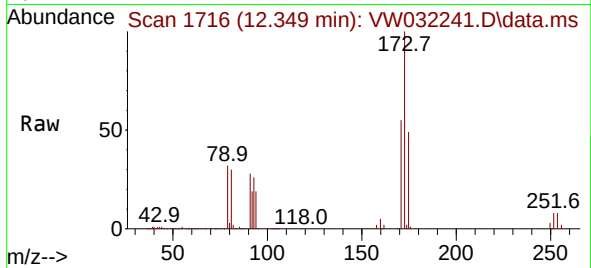
VSTDCCC050

Tgt Ion:173	Resp:	64592
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.9 74.7
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

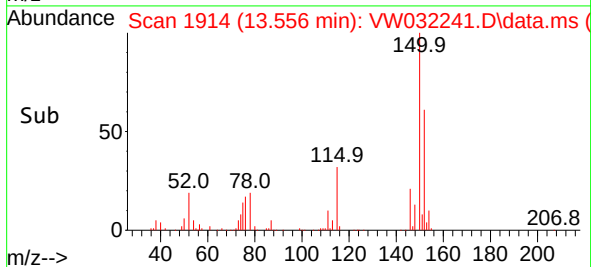
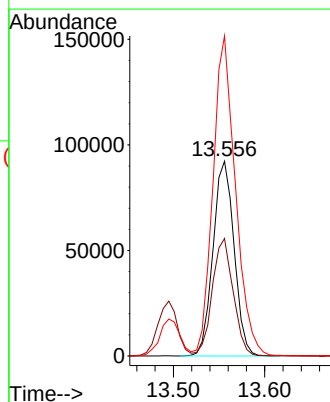
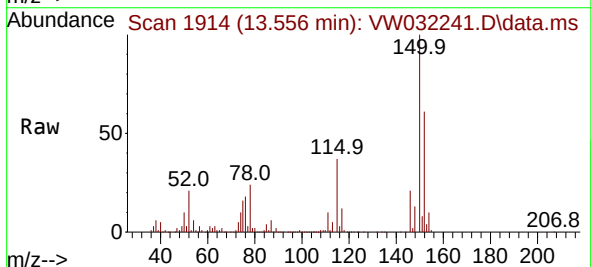
RT: 13.556 min Scan# 1914

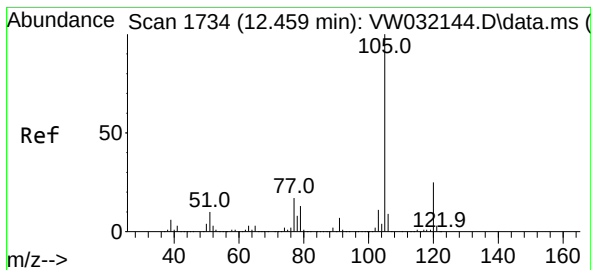
Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Tgt Ion:152	Resp:	147797
Ion Ratio	Lower	Upper
152	100	
115	59.7	31.8 95.4
150	175.3	0.0 343.0





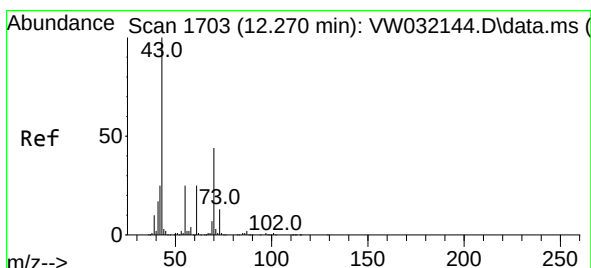
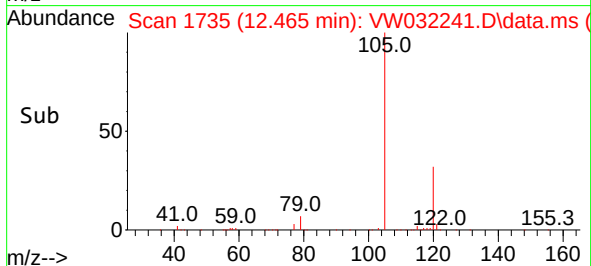
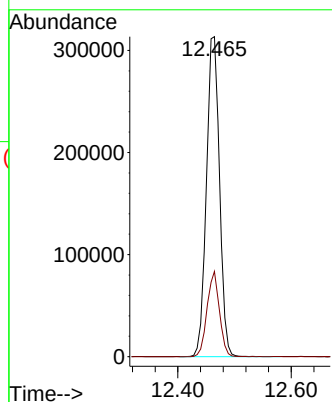
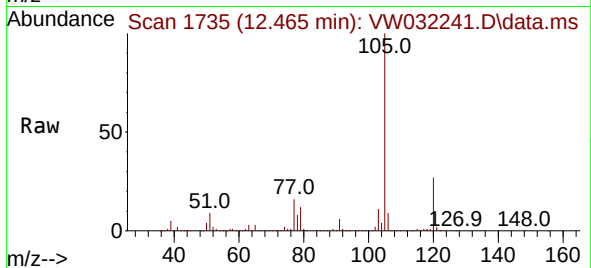
#73
Isopropylbenzene
Concen: 49.958 ug/l
RT: 12.465 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 501620
Ion Ratio Lower Upper
105 100
120 25.1 13.0 38.9

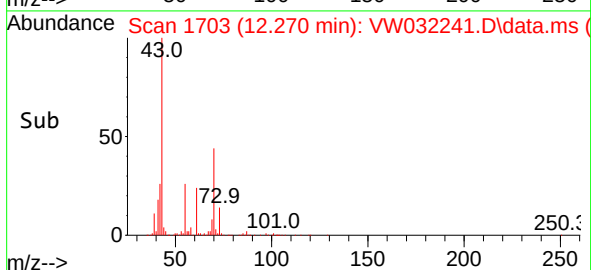
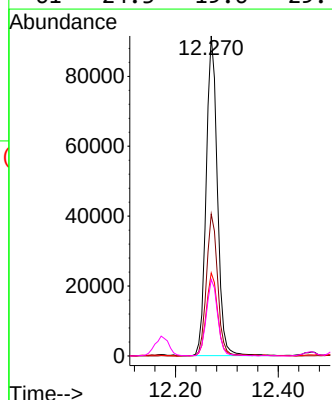
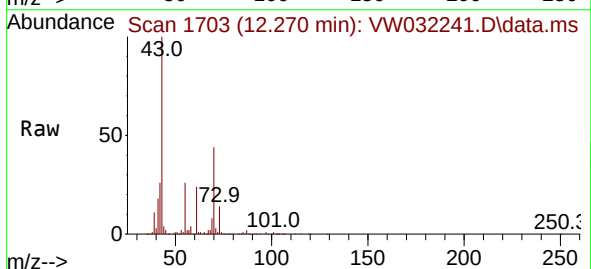
Manual Integrations
APPROVED

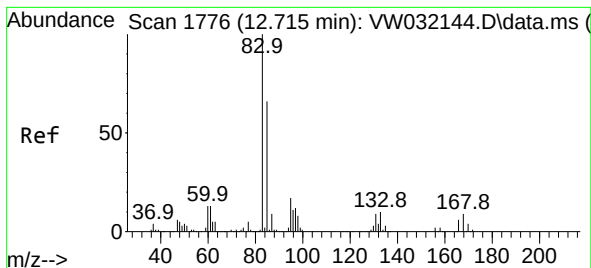
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#74
N-ethyl acetate
Concen: 47.441 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 43 Resp: 138299
Ion Ratio Lower Upper
43 100
70 44.5 35.3 52.9
55 26.2 19.9 29.9
61 24.3 19.6 29.4





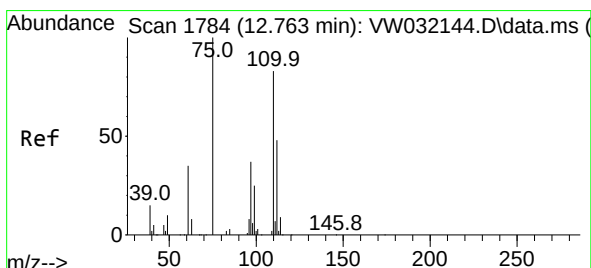
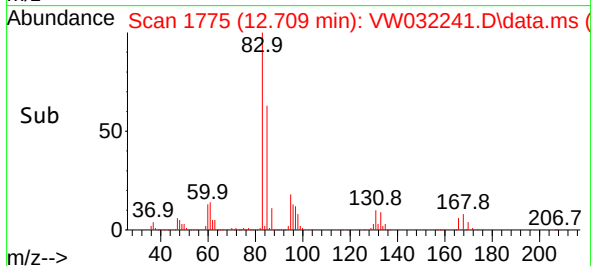
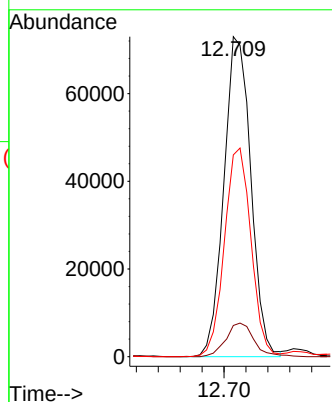
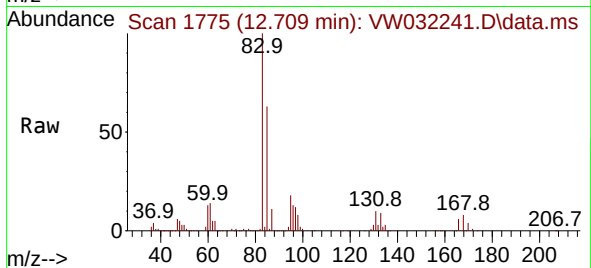
#75
1,1,2,2-Tetrachloroethane
Concen: 52.209 ug/l
RT: 12.709 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12458
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.4
85 64.4 32.2 96.6

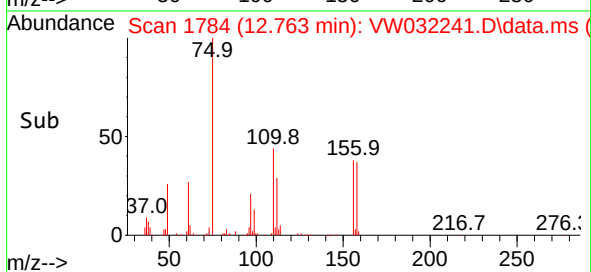
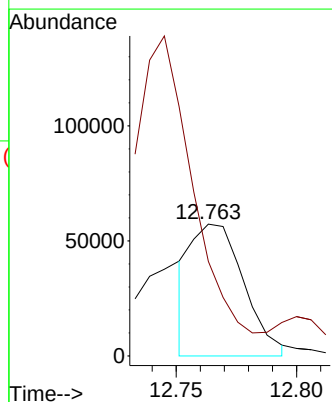
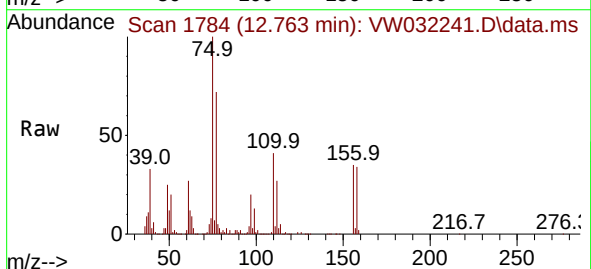
Manual Integrations
APPROVED

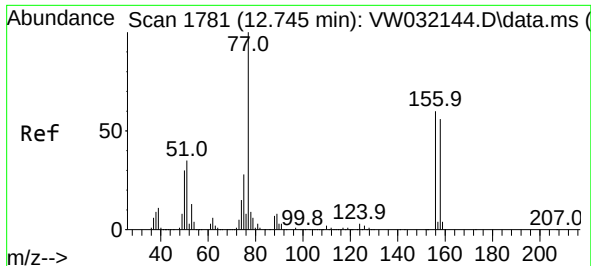
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#76
1,2,3-Trichloropropane
Concen: 47.302 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

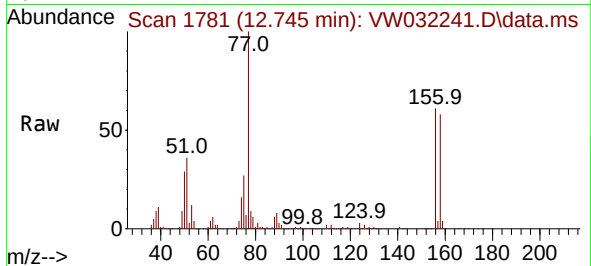
Tgt Ion: 75 Resp: 87585
Ion Ratio Lower Upper
75 100
77 288.3 141.7 425.1





#77
Bromobenzene
Concen: 51.857 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

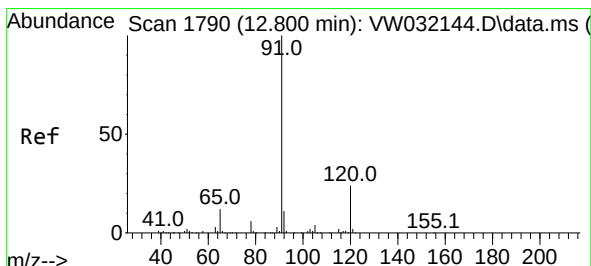
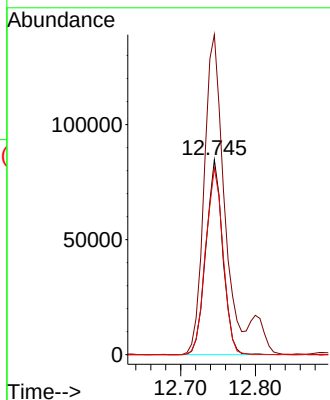
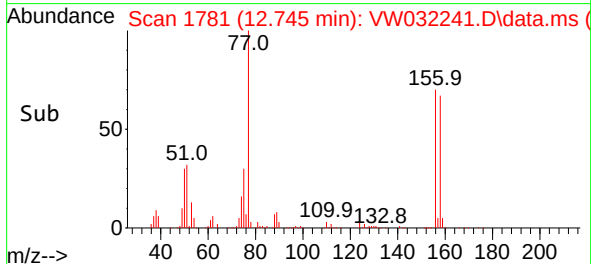
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



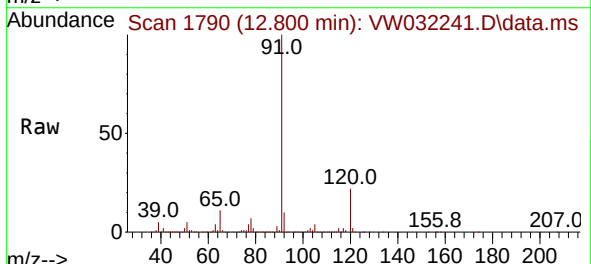
Tgt Ion: 156 Resp: 132779
Ion Ratio Lower Upper
156 100
77 190.2 98.6 295.7
158 99.2 48.4 145.0

Manual Integrations
APPROVED

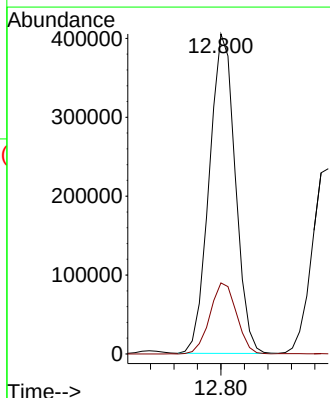
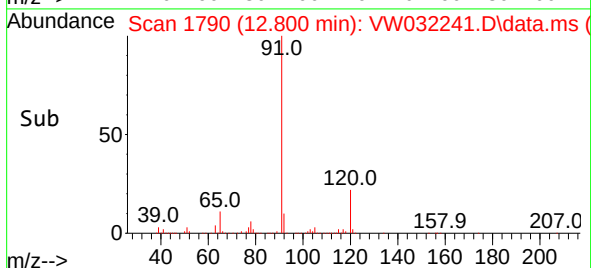
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

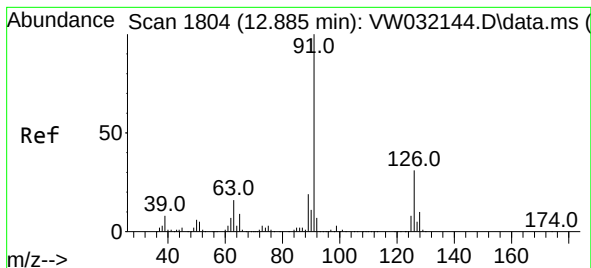


#78
n-propylbenzene
Concen: 51.197 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59



Tgt Ion: 91 Resp: 624108
Ion Ratio Lower Upper
91 100
120 22.7 11.8 35.4





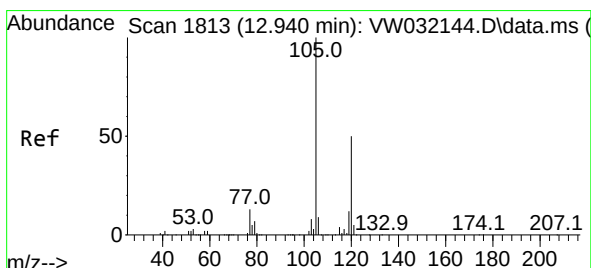
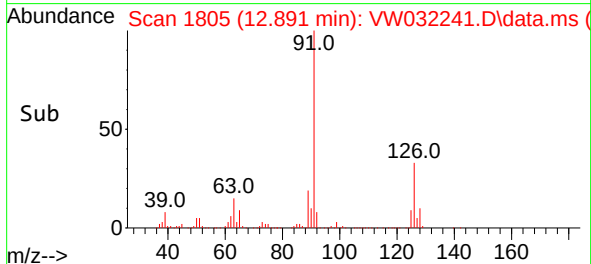
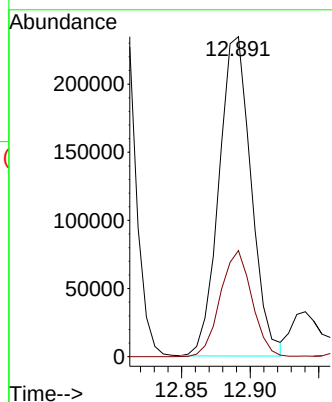
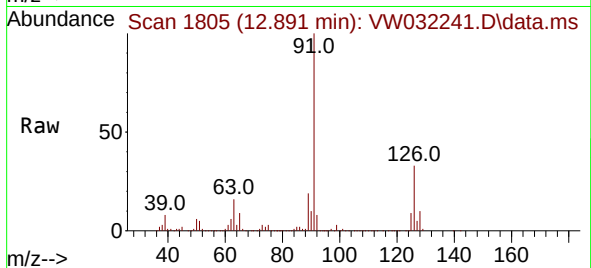
#79
2-Chlorotoluene
Concen: 51.459 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 383600
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7

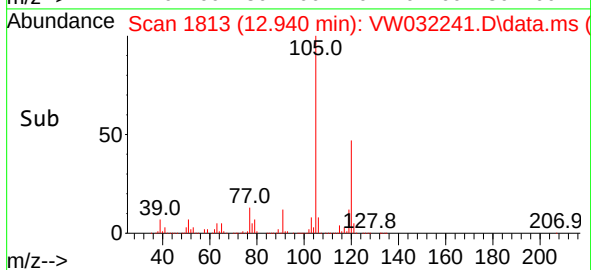
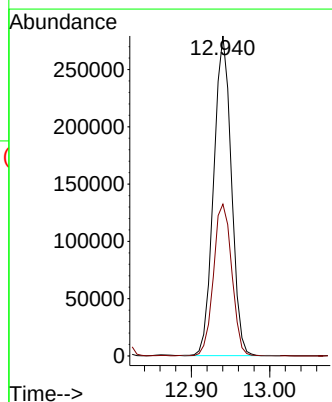
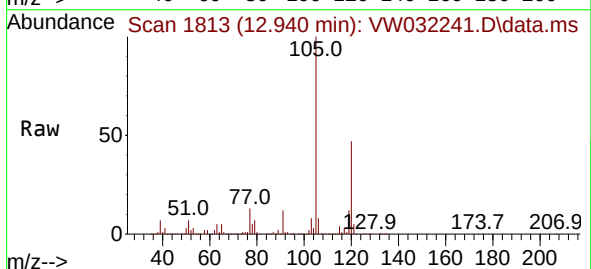
Manual Integrations
APPROVED

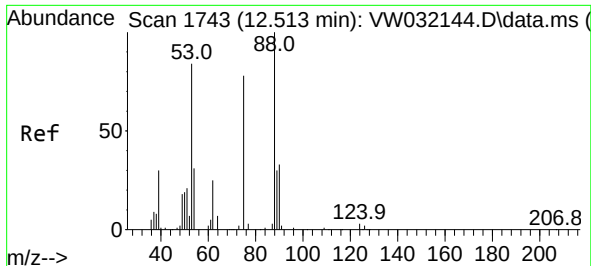
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.503 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

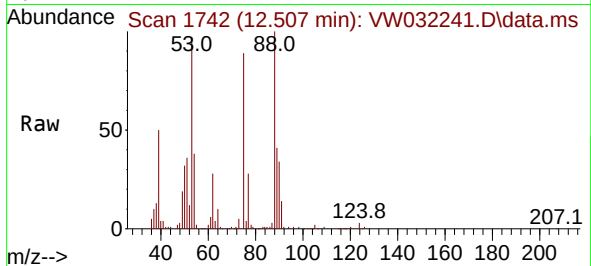
Tgt Ion:105 Resp: 437834
Ion Ratio Lower Upper
105 100
120 49.0 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 50.511 ug/l
RT: 12.507 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

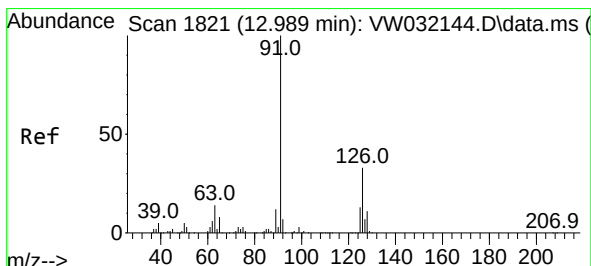
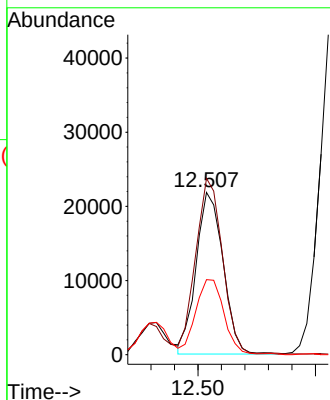
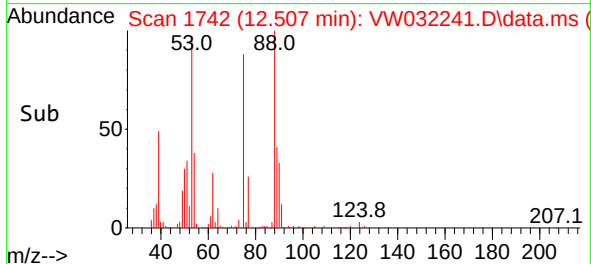
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 34730
Ion Ratio Lower Upper
75 100
53 107.4 91.0 136.6
89 49.1 39.4 59.2

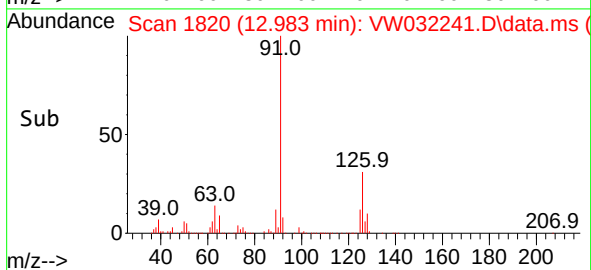
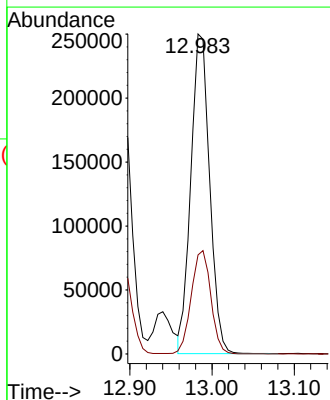
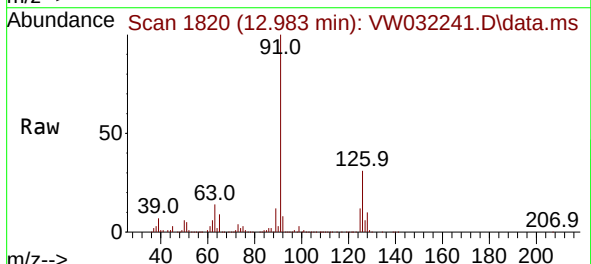
Manual Integrations
APPROVED

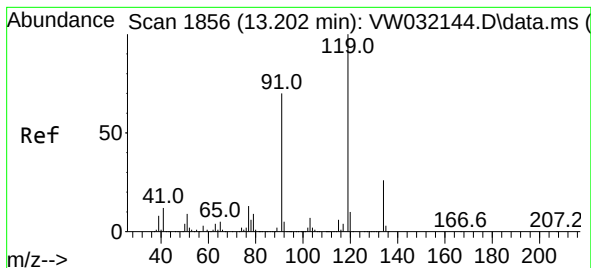
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#82
4-Chlorotoluene
Concen: 49.825 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

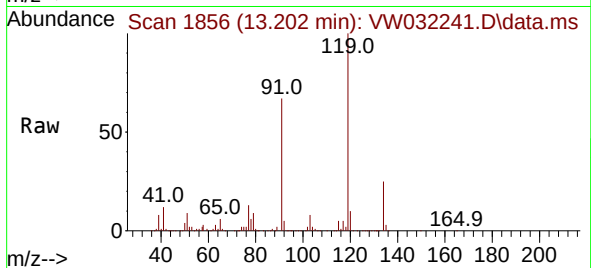
Tgt Ion: 91 Resp: 397572
Ion Ratio Lower Upper
91 100
126 33.6 16.1 48.2





#83
tert-Butylbenzene
Concen: 51.573 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

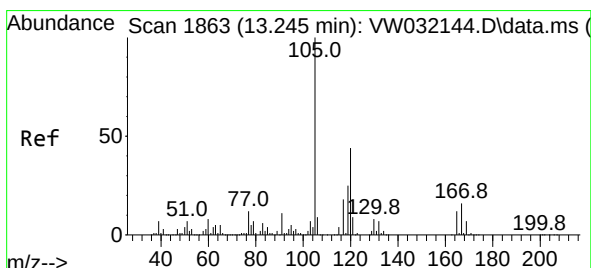
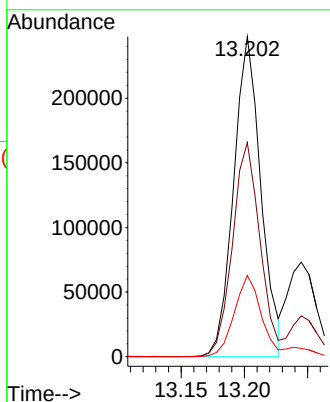
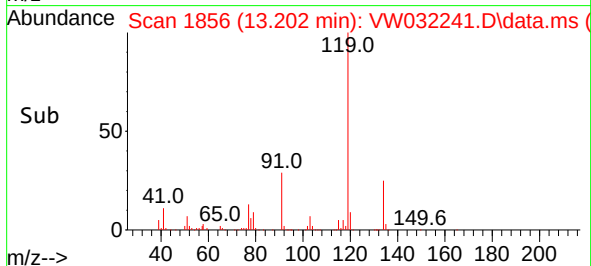
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



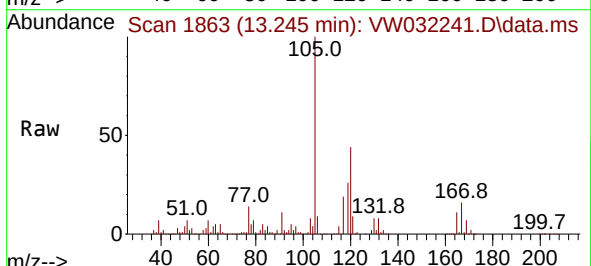
Tgt Ion:119 Resp: 371749
Ion Ratio Lower Upper
119 100
91 67.2 33.8 101.3
134 25.3 12.5 37.5

Manual Integrations
APPROVED

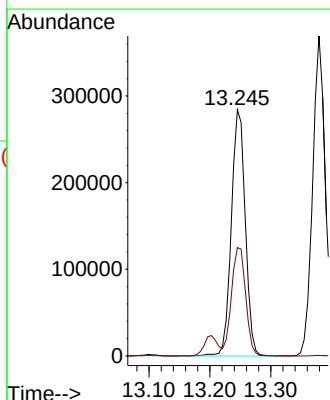
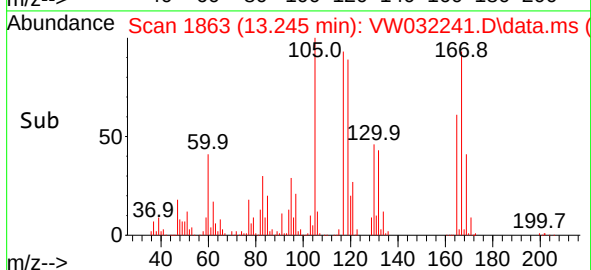
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

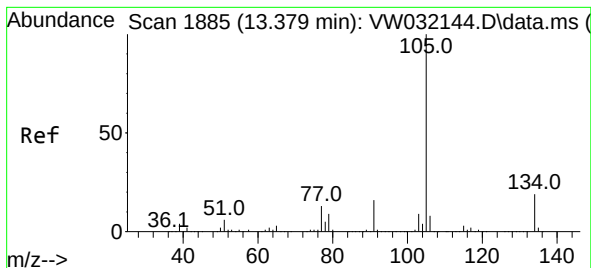


#84
1,2,4-Trimethylbenzene
Concen: 51.391 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59



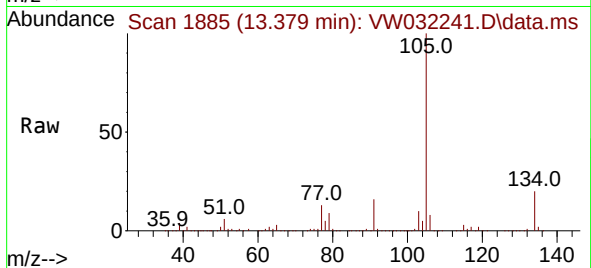
Tgt Ion:105 Resp: 451989
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 49.932 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59

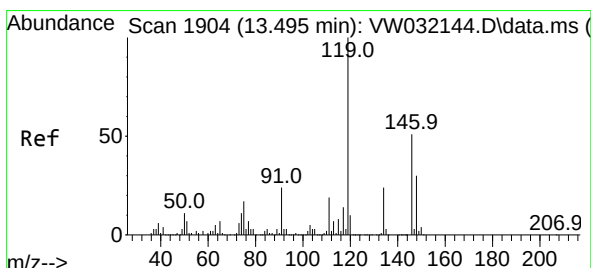
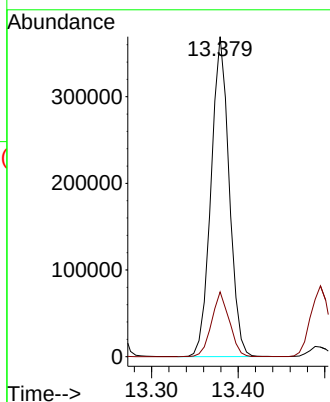
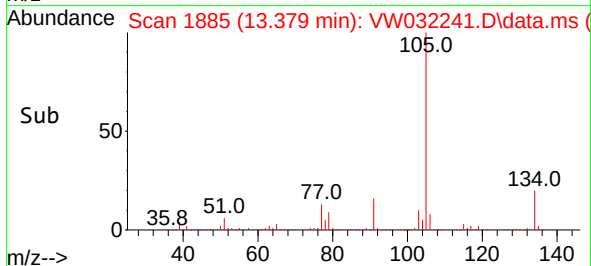
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050



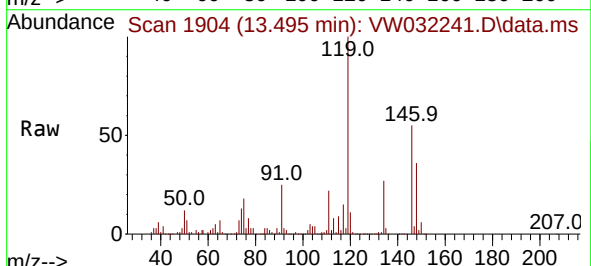
Tgt Ion:105 Resp: 53737
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

Manual Integrations
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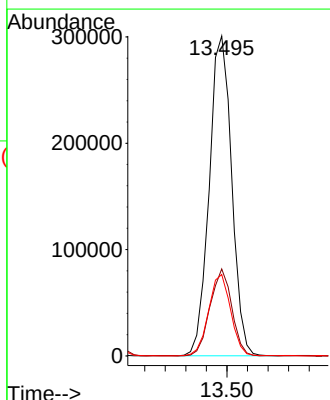
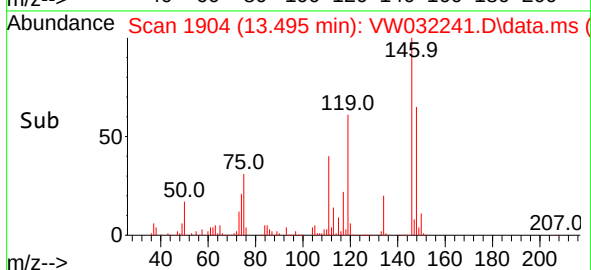
Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025

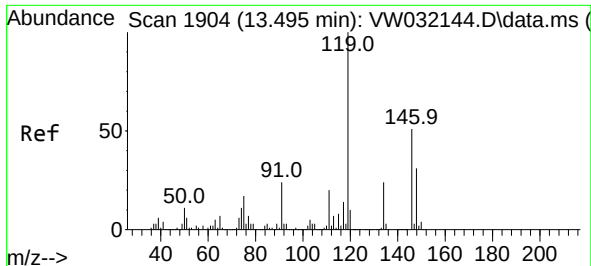


#86
 p-Isopropyltoluene
 Concen: 49.723 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032241.D
 Acq: 24 Sep 2025 12:59



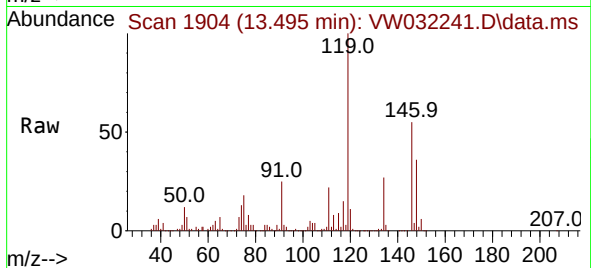
Tgt Ion:119 Resp: 455074
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.6
 91 25.1 12.4 37.0





#87
1,3-Dichlorobenzene
Concen: 50.020 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

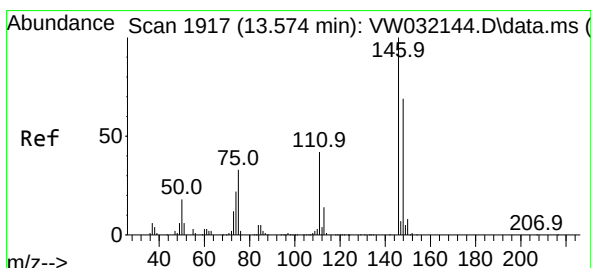
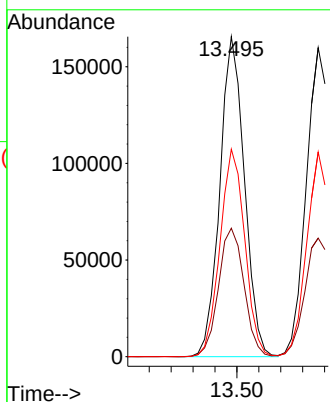
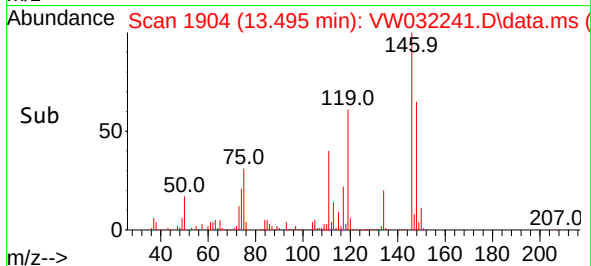
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



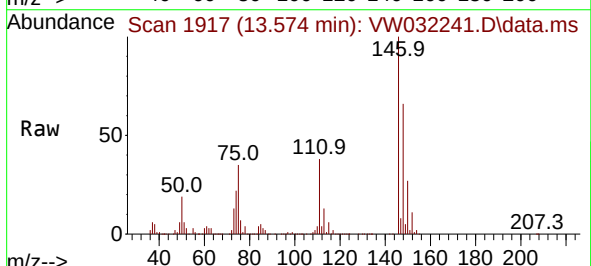
Tgt Ion:146 Resp: 257879
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.9
148 65.4 30.6 92.0

Manual Integrations
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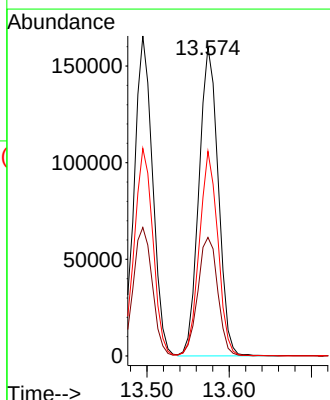
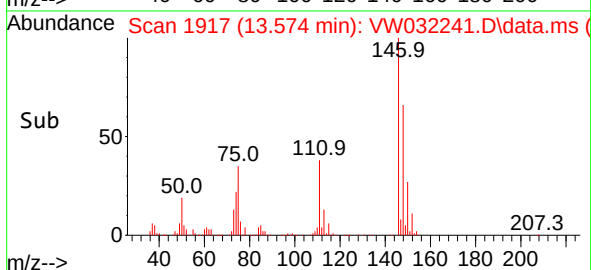
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

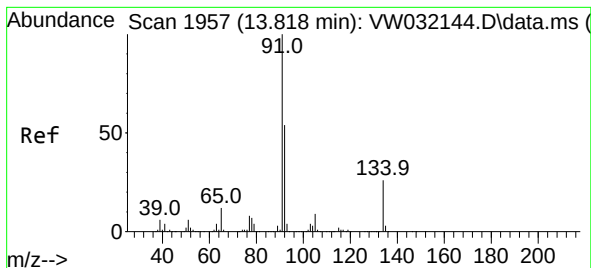


#88
1,4-Dichlorobenzene
Concen: 50.395 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59



Tgt Ion:146 Resp: 260422
Ion Ratio Lower Upper
146 100
111 39.8 21.3 63.7
148 63.7 33.4 100.1





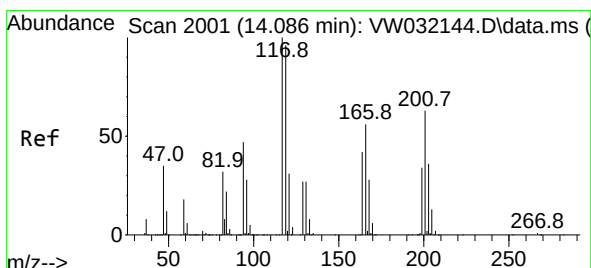
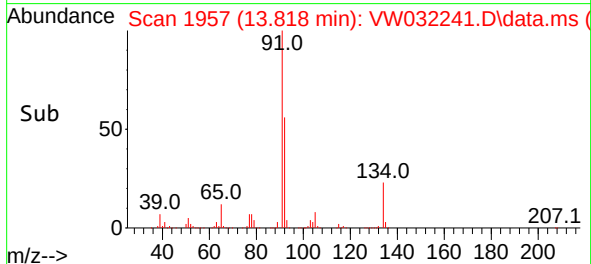
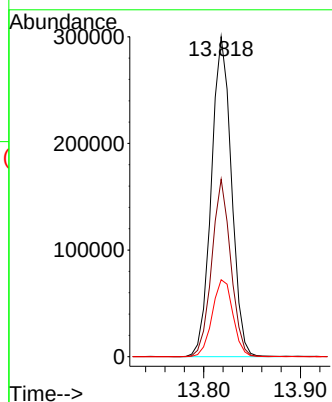
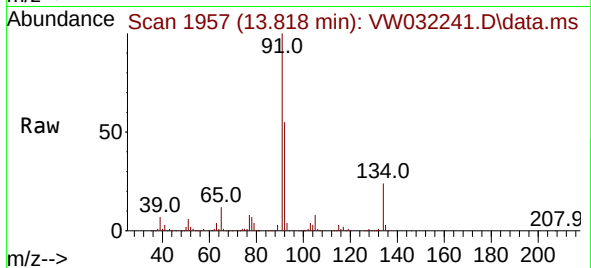
#89
n-Butylbenzene
Concen: 49.621 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 43296
Ion Ratio Lower Upper
91 100
92 52.7 27.0 81.0
134 24.8 13.1 39.3

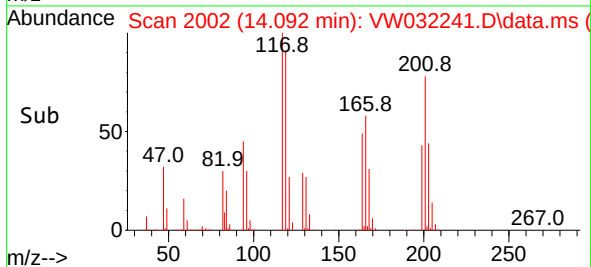
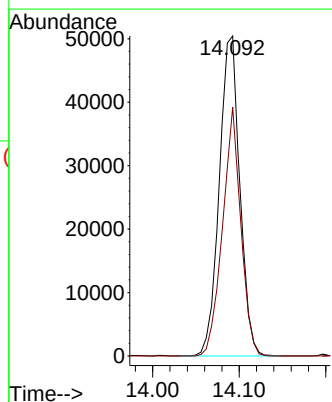
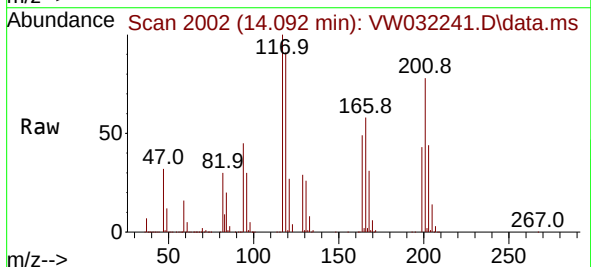
Manual Integrations
APPROVED

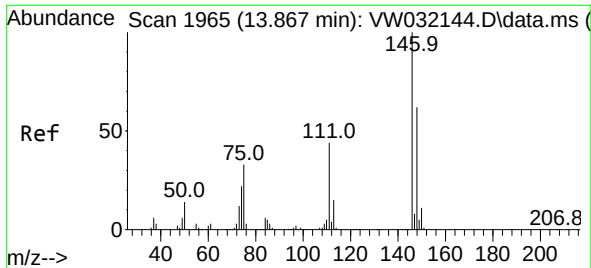
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#90
Hexachloroethane
Concen: 49.598 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:117 Resp: 83029
Ion Ratio Lower Upper
117 100
201 69.2 32.8 98.4





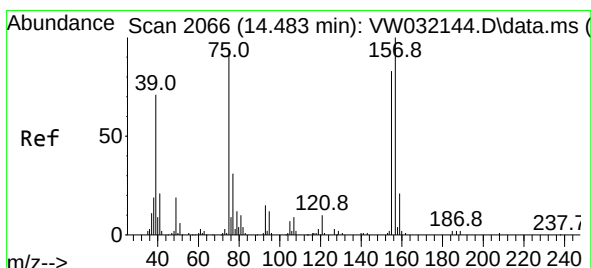
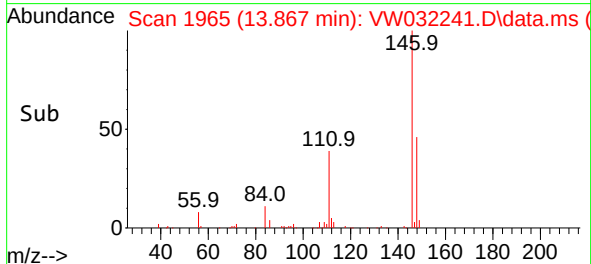
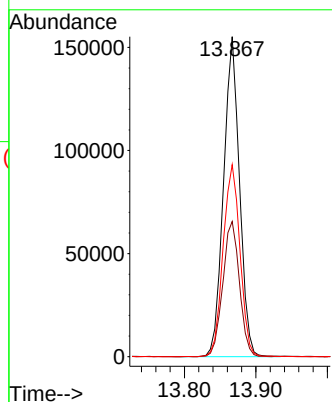
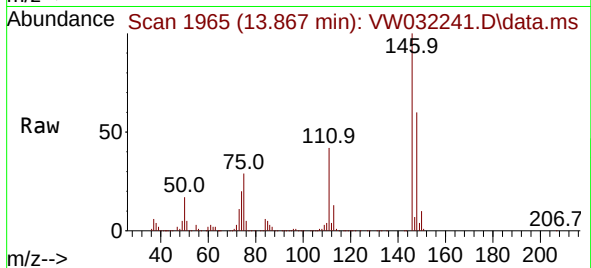
#91
1,2-Dichlorobenzene
Concen: 52.711 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 240599
Ion Ratio Lower Upper
146 100
111 44.1 23.4 70.0
148 63.3 34.1 102.3

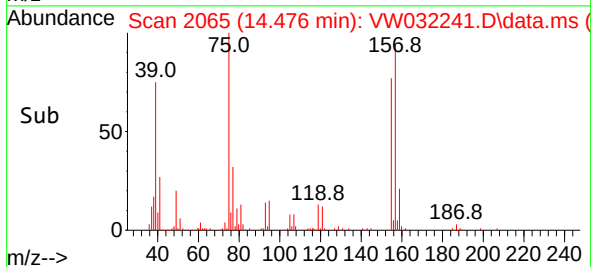
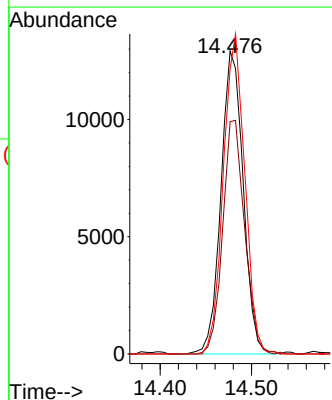
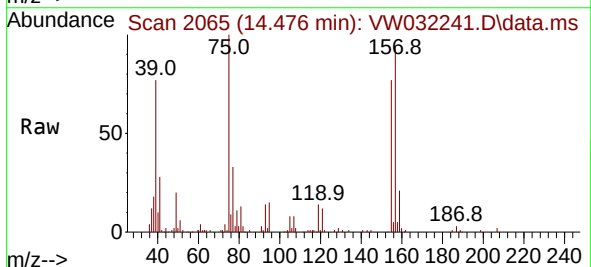
Manual Integrations
APPROVED

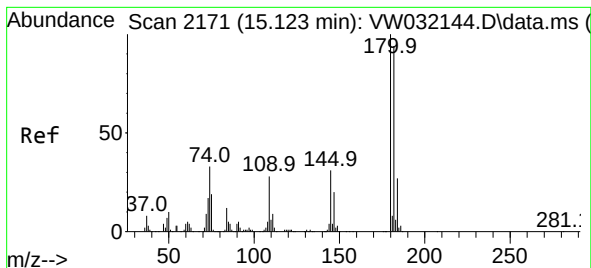
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.853 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 75 Resp: 21859
Ion Ratio Lower Upper
75 100
155 75.9 40.8 122.5
157 101.8 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 49.738 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 145050

Ion Ratio Lower Upper

180 100

182 94.1 47.4 142.2

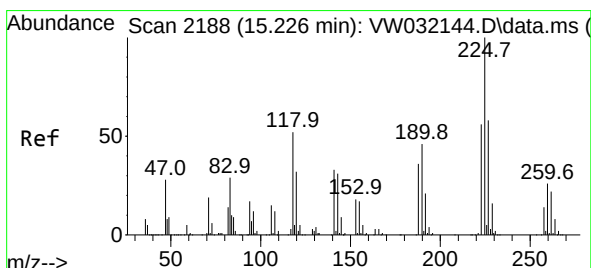
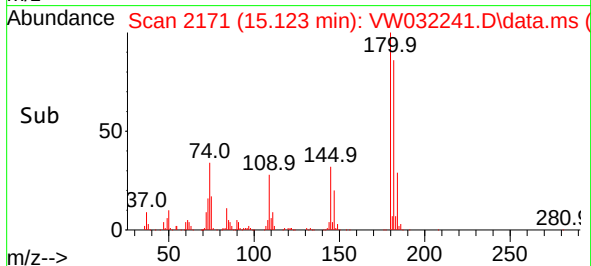
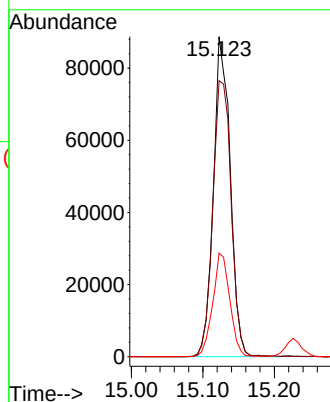
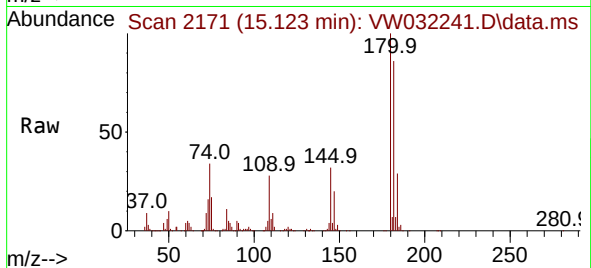
145 32.9 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#94

Hexachlorobutadiene

Concen: 46.895 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032241.D

Acq: 24 Sep 2025 12:59

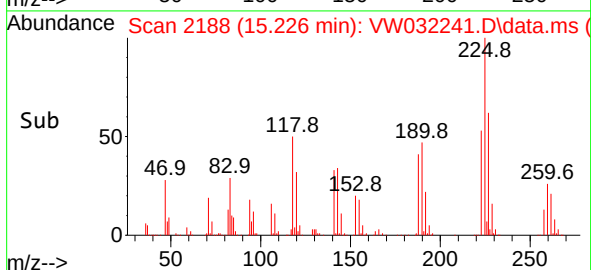
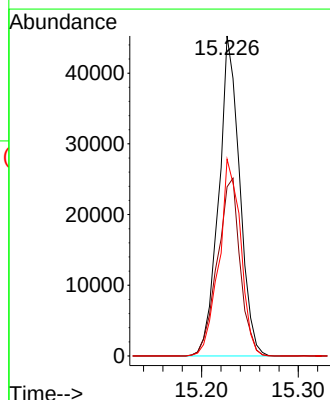
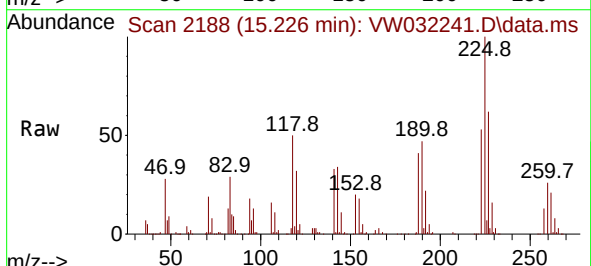
Tgt Ion:225 Resp: 67827

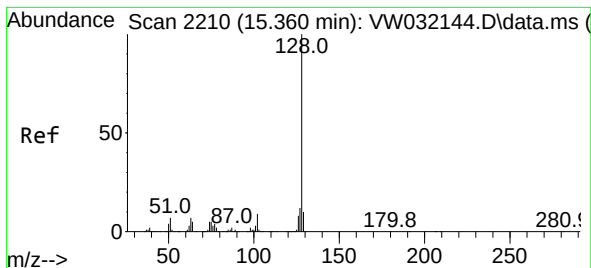
Ion Ratio Lower Upper

225 100

223 60.5 29.8 89.3

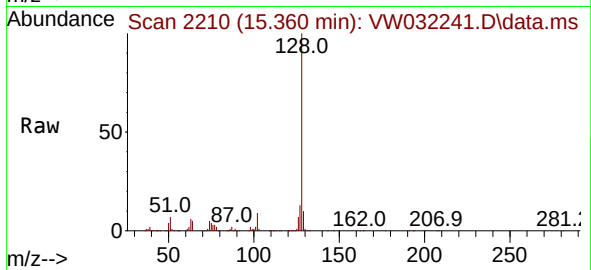
227 63.5 30.5 91.5





#95
Naphthalene
Concen: 51.582 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

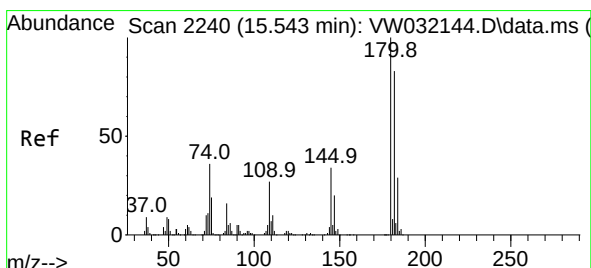
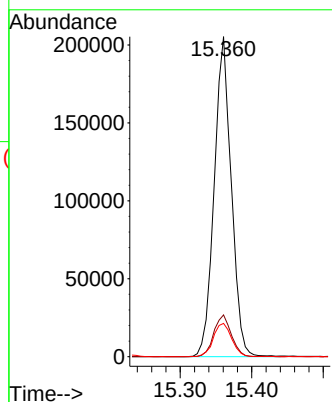
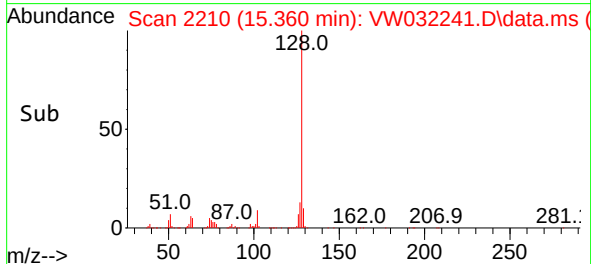
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050



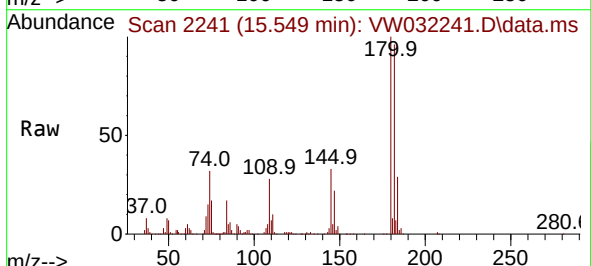
Tgt Ion:128 Resp: 34044
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.2 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.484 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59



Tgt Ion:180 Resp: 139633
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 35.5 17.2 51.6

